

**Dell™ Cloud Multifunction Printer | H815dw**  
**Dell™ Smart Multifunction Printer | S2815dn**  
**User's Guide**





# Contents

Before Beginning . . . . .	25
Notes, Cautions, and Warnings . . . . .	27
<b>About License</b> . . . . .	27
<b>As for RSA BSAFE</b> . . . . .	27
<b>ICC Profile Header</b> . . . . .	27
<b>JPEG Library</b> . . . . .	28
<b>Math Library</b> . . . . .	28
<b>libtiff</b> . . . . .	28
<b>Zlib</b> . . . . .	29
1 Dell™ Cloud Multifunction Printer   H815dw Dell™ Smart Multifunction Printer   S2815dn User's Guide . . . . .	31
<b>Conventions</b> . . . . .	31
2 Finding Information . . . . .	33
3 Product Features . . . . .	35
4 About the Printer . . . . .	39
<b>Front and Rear Views</b> . . . . .	39
Front View . . . . .	39
Rear View . . . . .	40
<b>Duplex Automatic Document Feeder (DADF)</b> . . . . .	41
<b>Space Requirements</b> . . . . .	42
<b>Operator Panel</b> . . . . .	42
<b>Optional Accessory</b> . . . . .	43
<b>Securing the Printer</b> . . . . .	43
<b>Ordering Supplies</b> . . . . .	43

# Setting Up the Printer (Printer Setup) . . . . . 45

## 5 Overview of the Printer Setup . . . . . 47

## 6 Installing Optional Accessory . . . . . 49

### Installing the Optional 550-Sheet Feeder. . . . . 49

#### Updating Your Driver to Detect 550-Sheet Feeder. . . . . 53

## 7 Connecting and Setting Up Your Printer . . . . . 57

### Turning on the Printer. . . . . 58

### Configuring Initial Settings on the Operator Panel . . . . . 58

### Connecting to a Computer or a Network . . . . . 65

#### Connecting to a Computer Using the USB Cable (Direct Connection) . . . . . 65

#### Connecting to a Network Using the Ethernet Cable. . . . . 66

#### Connecting to a Wireless Network . . . . . 66

### Connecting to the Telephone Line . . . . . 66

### Setting Up the Printer Using Dell Printer Easy Install (Windows® Only) . . . . . 68

#### Basic Setup . . . . . 68

#### To set up the Dell Cloud Multifunction Printer | H815dw as a wireless printer . . . . . 68

#### To set up the printer as a network (wired) printer. . . . . 68

#### To set up the printer as a USB printer. . . . . 68

#### Setting Up the Printer in Another Connection Method . . . . . 70

### Configuring the Wireless Settings . . . . . 71

#### Determining the Wireless Network Settings . . . . . 71

#### Configuring the Wireless Settings Using Dell Printer Easy Install . . . . . 72

#### Configuring the Wireless Settings Without Using Dell Printer Easy Install. . . . . 74

#### Reconfiguring the Wireless Settings . . . . . 77

## 8 Setting the IP Address . . . . . 79

### Assigning an IP Address . . . . . 79

#### When Using the Dell Printer Easy Install . . . . . 79

#### When Using the Operator Panel. . . . . 80

#### When Using the Tool Box . . . . . 81

### Verifying the IP Settings . . . . . 81

#### Verifying the Settings Using Operator Panel . . . . . 81

Verifying the Settings Using System Settings Report . . . . .	82
Verifying the Settings Using Ping Command . . . . .	82
<b>9 Loading Paper . . . . .</b>	<b>83</b>
<b>10 Installing Printer Drivers on Windows® Computers . . . . .</b>	<b>87</b>
<b>Identifying Printer Driver Pre-install Status . . . . .</b>	<b>87</b>
Changing the firewall settings before installing your printer . . . . .	87
<b>Starting Dell Printer Easy Install . . . . .</b>	<b>87</b>
<b>USB Cable Connection Setup . . . . .</b>	<b>88</b>
<b>Network Connection Setup . . . . .</b>	<b>92</b>
<b>Setting Up for Shared Printing . . . . .</b>	<b>97</b>
Enabling Shared Printing from the Computer . . . . .	97
Checking the Shared Printer . . . . .	99
<b>11 Installing Printer Drivers on Macintosh Computers . . . . .</b>	<b>101</b>
<b>Installing the Drivers and Software . . . . .</b>	<b>101</b>
Adding a Printer on Mac OS X 10.5, Mac OS X 10.6, Mac OS X 10.7, OS X 10.8, OS X 10.9, or OS X 10.10 . . . . .	101
Configuring Settings. . . . .	103
<b>12 Installing Printer Drivers on Linux Computers (CUPS)</b>	<b>105</b>
<b>Operation on Red Hat Enterprise Linux 6 Desktop . . . . .</b>	<b>105</b>
Setup Overview . . . . .	105
Installing the Printer Driver . . . . .	105
Setting Up the Queue . . . . .	105
Setting the Default Queue. . . . .	106
Specifying the Printing Options . . . . .	106
Uninstalling the Printer Driver. . . . .	106
<b>Operation on SUSE Linux Enterprise Desktop 11 . . . . .</b>	<b>107</b>
Setup Overview . . . . .	107
Installing the Printer Driver . . . . .	107
Setting Up the Queue . . . . .	108
Setting the Default Queue. . . . .	109
Specifying the Printing Options . . . . .	109
Setting the Password for Authority as the Printer Administrator. . . . .	110

Uninstalling the Printer Driver . . . . .	110
<b>Operation on Ubuntu 12.04 LTS . . . . .</b>	<b>110</b>
Setup Overview . . . . .	110
Installing the Printer Driver . . . . .	110
Setting Up the Queue . . . . .	111
Setting the Default Queue . . . . .	112
Specifying the Printing Options . . . . .	112
Uninstalling the Printer Driver . . . . .	112

## Using Your Printer . . . . . 113

### 13 Operator Panel . . . . . 115

<b>About the Operator Panel . . . . .</b>	<b>115</b>
Dell™ Cloud Multifunction Printer   H815dw . . . . .	115
Dell Smart Multifunction Printer   S2815dn . . . . .	115
<b>Basic Operations on the Touch Panel . . . . .</b>	<b>117</b>
To Select the Item on the Screen . . . . .	117
To Scroll the Screen or the Listed Items. . . . .	117
<b>About the Home Screen . . . . .</b>	<b>118</b>
Dock Menu. . . . .	118
Notification Bar . . . . .	118
Lock Icon. . . . .	119
Envelope Mode Icon. . . . .	119
Wi-Fi Direct Connection Status Icon . . . . .	119
Wireless LAN Connection Status Icon . . . . .	119
Time/Network Information. . . . .	119
Account Name. . . . .	119
Tiles . . . . .	119
<b>Moving, Adding or Deleting the Tiles . . . . .</b>	<b>120</b>
To Move the Tiles . . . . .	120
To Add the Tiles . . . . .	120
To Delete the Tiles . . . . .	120
<b>Using the Keyboard Displayed on the Touch Panel . . . . .</b>	<b>121</b>
To Change the Keyboard Layout. . . . .	121
<b>Using the Number Pad . . . . .</b>	<b>122</b>
Number Pad Numbers . . . . .	122
Changing Numbers . . . . .	122
Inserting a Pause . . . . .	122

<b>Printing a Panel Settings Report</b> . . . . .	<b>122</b>
<b>Changing the Language</b> . . . . .	<b>123</b>
When Using the Operator Panel . . . . .	123
When Using the Tool Box . . . . .	123
<b>Setting the Power Saver Timer Option</b> . . . . .	<b>123</b>
<b>About the Concurrent Jobs Feature</b> . . . . .	<b>124</b>
<b>14 Dell™ Printer Configuration Web Tool</b> . . . . .	<b>125</b>
<b>Overview</b> . . . . .	<b>125</b>
<b>Setting Up the Dell Printer Configuration Web Tool</b> . . . . .	<b>126</b>
Setting Up From Web Browser . . . . .	126
Setting Up From Operator Panel . . . . .	126
<b>Starting the Dell Printer Configuration Web Tool</b> . . . . .	<b>127</b>
<b>Overview of the Menu Items</b> . . . . .	<b>127</b>
Printer Status . . . . .	127
Printer Jobs . . . . .	127
Printer Settings . . . . .	127
Print Server Settings . . . . .	127
Copy Printer Settings . . . . .	128
Print Volume . . . . .	128
Address Book . . . . .	128
Printer Information . . . . .	128
Tray Management . . . . .	128
E-Mail Server Settings Overview . . . . .	128
Set Password . . . . .	128
Online Help . . . . .	128
Order Supplies at: . . . . .	128
Contact Dell Support at: . . . . .	128
Dell Document Hub at: . . . . .	128
<b>Page Display Format</b> . . . . .	<b>129</b>
Top Frame . . . . .	129
Left Frame . . . . .	130
Right Frame . . . . .	130
<b>Changing the Settings of the Menu Items</b> . . . . .	<b>131</b>
Details of the Menu Items . . . . .	131
Printer Status . . . . .	134
Printer Jobs . . . . .	135
Printer Settings . . . . .	136
Print Server Settings . . . . .	152

Copy Printer Settings . . . . .	171
Print Volume . . . . .	171
Address Book . . . . .	172
Tray Management . . . . .	179
<b>15 Understanding the Printer Menus . . . . .</b>	<b>181</b>
<b>Report / List . . . . .</b>	<b>181</b>
System Settings . . . . .	181
Panel Settings . . . . .	181
PCL Fonts List . . . . .	181
PCL Macros List . . . . .	181
PS Fonts List . . . . .	181
PDF Fonts List . . . . .	181
Job History . . . . .	181
Error History . . . . .	181
Print Meter . . . . .	182
Demo Page . . . . .	182
Protocol Monitor . . . . .	182
Speed Dial . . . . .	182
Address Book . . . . .	182
Server Address . . . . .	182
Fax Activity . . . . .	182
Fax Pending . . . . .	182
Stored Documents . . . . .	182
Printing a Report/List Using the Operator Panel . . . . .	183
Printing a Report/List Using the Tool Box . . . . .	183
<b>Wi-Fi   WPS . . . . .</b>	<b>183</b>
Wi-Fi . . . . .	183
Wi-Fi Direct . . . . .	183
WPS (Connect via PBC) . . . . .	183
WPS (Connect via PIN) . . . . .	183
<b>Paired Device . . . . .</b>	<b>184</b>
<b>Admin Settings . . . . .</b>	<b>184</b>
Phone Book . . . . .	184
PCL . . . . .	184
PS . . . . .	191
PDF . . . . .	192
Network . . . . .	194
Fax Settings . . . . .	201
System Settings . . . . .	209
Maintenance . . . . .	220
Secure Settings . . . . .	224



USB Settings . . . . .	228
<b>Default Settings. . . . .</b>	<b>229</b>
Copy Defaults . . . . .	229
Fax Defaults . . . . .	229
Scan Defaults . . . . .	229
Direct Print Defaults (available on the Dell Cloud Multifunction Printer   H815dw only) USB Direct Print Defaults (available on the Dell Smart Multifunction Printer   S2815dn only) . . . . .	230
<b>Tray Management. . . . .</b>	<b>230</b>
Tray Settings. . . . .	230
Tray Priority . . . . .	236
<b>Language Settings . . . . .</b>	<b>236</b>
Panel Language . . . . .	236
Keyboard Layout. . . . .	237
<b>Print . . . . .</b>	<b>237</b>
Private Mailbox . . . . .	237
Public Mailbox. . . . .	238
Proof Print . . . . .	238
Secure Print . . . . .	238
Secure Fax Receive . . . . .	239
Tile Settings . . . . .	239
<b>Copy . . . . .</b>	<b>239</b>
Quantity . . . . .	239
Darken / Lighten . . . . .	239
Select Tray. . . . .	240
2 Sided Copying . . . . .	241
Sharpness . . . . .	241
Reduce/Enlarge . . . . .	242
Original Size . . . . .	242
Original Type. . . . .	243
Collation . . . . .	243
2-Up . . . . .	243
Margin. . . . .	244
Auto Exposure . . . . .	244
Save Settings . . . . .	244
<b>ID Copy . . . . .</b>	<b>244</b>
Save Settings . . . . .	244
<b>Scan . . . . .</b>	<b>245</b>
Scan to Email . . . . .	245
Scan to Network Folder. . . . .	245
Scan to USB. . . . .	245

Scan to Computer . . . . .	245
Scan Settings . . . . .	246
Save Settings . . . . .	249
<b>Fax . . . . .</b>	<b>250</b>
Fax Settings . . . . .	250
Save Settings . . . . .	251
<b>Print PDF/TIFF . . . . .</b>	<b>252</b>
<b>Print JPEG . . . . .</b>	<b>252</b>
Print Settings. . . . .	252
Save Settings . . . . .	254
<b>Dell Document Hub . . . . .</b>	<b>254</b>
Search for Files . . . . .	254
Browse for Files . . . . .	255
Scan . . . . .	255
Smart OCR Scan . . . . .	256
E-mail Me . . . . .	258
Business Card Reader . . . . .	259
<b>SharePoint . . . . .</b>	<b>259</b>
Print . . . . .	259
Scan . . . . .	260
File Name Option. . . . .	260
<b>Add Apps . . . . .</b>	<b>260</b>
<b>Panel Lock . . . . .</b>	<b>260</b>
Enabling the Panel Lock . . . . .	260
Disabling the Panel Lock . . . . .	261
<b>Resetting Defaults . . . . .</b>	<b>261</b>
When Using the Operator Panel. . . . .	262
<b>16 Print Media Guidelines . . . . .</b>	<b>263</b>
<b>Paper . . . . .</b>	<b>263</b>
Recommended Paper . . . . .	263
Unacceptable Paper. . . . .	263
Selecting Paper . . . . .	264
Selecting Pre-Printed Media and Letterheads . . . . .	264
Selecting Pre-Punched Paper. . . . .	264
<b>Envelopes . . . . .</b>	<b>265</b>
<b>Labels . . . . .</b>	<b>266</b>

<b>Storing Print Media</b> . . . . .	266
<b>Identifying Print Media and Specifications</b> . . . . .	267
Supported Paper Sizes . . . . .	267
Supported Paper Types . . . . .	268
Paper Type Specifications . . . . .	268
<b>17 Loading Print Media</b> . . . . .	269
<b>Capacity</b> . . . . .	269
<b>Print Media Dimensions</b> . . . . .	269
<b>Loading Print Media in Tray1 and the Optional 550-Sheet Feeder</b> . . . . .	270
Loading Letterhead (Pre-Printed and Pre-Punched Paper) . . . . .	270
<b>Loading Print Media in the MPF</b> . . . . .	271
Loading Small Print Media in the MPF . . . . .	272
<b>Printing on Envelopes – Envelope Mode</b> . . . . .	275
To Set the Printer to the Envelope Mode . . . . .	275
To Cancel the Envelope Mode . . . . .	276
Loading Envelopes in the MPF . . . . .	278
Envelope #10, DL . . . . .	278
Monarch . . . . .	279
C5 . . . . .	279
Loading Letterhead in the MPF . . . . .	279
<b>Using the MPF</b> . . . . .	280
<b>Linking Trays</b> . . . . .	280
<b>Printing, Copying, Scanning, Faxing, and Dell Document Hub</b> . . . . .	281

<b>18 Printing</b> . . . . .	283
<b>Tips for Successful Printing</b> . . . . .	283
Tips on Storing Print Media . . . . .	283
Avoiding Paper Jams . . . . .	283
<b>Sending a Job to Print</b> . . . . .	283
<b>Canceling a Print Job</b> . . . . .	284
Canceling a Job From the Operator Panel . . . . .	284

Canceling a Job From a Computer Running Windows® Operating System . . . . .	284
<b>Duplex Printing . . . . .</b>	<b>285</b>
Duplex Printing With Duplex Unit . . . . .	285
Using Booklet Print . . . . .	285
<b>Using the Stored Print Feature . . . . .</b>	<b>286</b>
Overview . . . . .	286
Procedures for Printing Stored Print . . . . .	288
<b>Printing from USB Memory (USB Direct Print) . . . . .</b>	<b>289</b>
Supported File Formats . . . . .	290
Inserting and Removing a USB Memory . . . . .	290
Printing a PDF/TIFF File in a USB Memory . . . . .	290
Printing a JPEG File in a USB Memory . . . . .	291
<b>Printing With Web Services on Devices (WSD) . . . . .</b>	<b>291</b>
Adding Roles of Printer Services . . . . .	291
Printer Setup . . . . .	292
Installing a Printer Driver Using the Add Printer Wizard . . . . .	292
<b>Printing With Wi-Fi Direct . . . . .</b>	<b>293</b>
Setting Up Wi-Fi Direct . . . . .	293
Printing via Wi-Fi Direct . . . . .	295
Disconnecting Wi-Fi Direct Network . . . . .	296
Resetting the Passphrase . . . . .	296
Resetting the PIN . . . . .	296
<b>Mobile Printing and Scanning . . . . .</b>	<b>297</b>
Android OS . . . . .	297
Apple iOS . . . . .	297
<b>Printing With AirPrint . . . . .</b>	<b>298</b>
Setting Up AirPrint on Your Printer . . . . .	298
Printing via AirPrint . . . . .	298
<b>Printing With Google Cloud Print . . . . .</b>	<b>298</b>
Preparing to Use the Printer with Google Cloud Print . . . . .	298
Enabling Google Cloud Print on the Printer . . . . .	299
Selecting the Version of the Google Cloud Print Service . . . . .	299
Registering the Printer to the Google Cloud Print Service . . . . .	300
Sharing the Printer Using the Google Cloud Print Service . . . . .	301
Canceling Registration to Google Cloud Print . . . . .	301
Printing via Google Cloud Print . . . . .	301
<b>Mopria Print Service . . . . .</b>	<b>302</b>
Setting Up Mopria Print Service on Your Printer . . . . .	302

Printing via Mopria Print Service . . . . .	303
<b>Printing a Report Page . . . . .</b>	<b>303</b>
<b>Printer Settings . . . . .</b>	<b>303</b>
Using the Operator Panel to Change the Printer Settings . . . . .	303
Using the Dell Printer Configuration Web Tool to Change the Printer Settings . . . . .	303
<b>19 Copying . . . . .</b>	<b>305</b>
<b>Loading Paper for Copying . . . . .</b>	<b>305</b>
<b>Selecting Paper Tray . . . . .</b>	<b>305</b>
<b>Preparing a Document . . . . .</b>	<b>305</b>
<b>Making Copies From the Document Glass . . . . .</b>	<b>306</b>
<b>Making Copies From the DADF . . . . .</b>	<b>307</b>
<b>Setting Copy Options . . . . .</b>	<b>308</b>
Quantity . . . . .	308
Darken / Lighten . . . . .	308
Select Tray . . . . .	309
2 Sided Copying . . . . .	309
Sharpness . . . . .	310
Reduce / Enlarge . . . . .	310
Original Size . . . . .	311
Original Type . . . . .	311
Collation . . . . .	312
2-Up . . . . .	313
Margin . . . . .	314
Auto Exposure . . . . .	314
<b>Using the ID Copy . . . . .</b>	<b>314</b>
<b>Changing the Default Settings . . . . .</b>	<b>315</b>
<b>20 Scanning . . . . .</b>	<b>317</b>
<b>Scanning Overview . . . . .</b>	<b>317</b>
Tips for Easy Network Scanning . . . . .	317
Scanning - With scanner driver . . . . .	317
Scanning - Without scanner driver . . . . .	318
<b>Scanning to a Computer With a USB Connection . . . . .</b>	<b>318</b>
Changing the Location to Save the Scanned Data . . . . .	319

<b>Scanning to a Computer Connected With Web Services on Devices (WSD)</b> . . . . .	<b>319</b>
Preparations for Scanning Using Web Services on Devices (WSD) . . . . .	319
Scanning and Sending Images to the Computer Using Web Services on Devices (WSD). . . . .	319
<b>Scanning From a Computer Using Web Services on Devices (WSD)</b> . . . . .	<b>320</b>
Preparations for scanning from the computer . . . . .	320
Scanning from the computer . . . . .	321
<b>Scanning Using the TWAIN Driver</b> . . . . .	<b>322</b>
<b>Scanning Using the Windows Image Acquisition (WIA) Driver</b> . . . . .	<b>324</b>
<b>Scanning With Wi-Fi Direct</b> . . . . .	<b>325</b>
Scanning via Wi-Fi Direct . . . . .	325
<b>Scanning to a PC or Server via SMB/FTP</b> . . . . .	<b>326</b>
Overview . . . . .	326
Procedures. . . . .	327
Setting a Login Name and a Password (SMB Only). . . . .	327
Creating a Shared Folder (SMB Only) . . . . .	329
Adding a Scanning Destination to the Printer's Address Book . . . . .	331
Sending the Scanned File on the Network Folder. . . . .	336
<b>Scanning to a USB Memory</b> . . . . .	<b>337</b>
Types of a USB Memory . . . . .	337
Procedures. . . . .	337
Specifying a Folder to Save the Scanned Image . . . . .	337
<b>Sending an E-Mail With the Scanned Image.</b> . . . . .	<b>338</b>
Preparing the Printer to Send the E-Mail . . . . .	338
Setting the DNS Server Address . . . . .	338
Setting the Information Necessary to Access the Mail Server . . . . .	339
Setting the Administrator's E-mail Address . . . . .	340
Adding a New E-Mail Address to the Printer's Address Book . . . . .	341
Sending an E-mail With the Scanned File . . . . .	341
<b>Managing the Scanner</b> . . . . .	<b>342</b>
Port Settings . . . . .	342
Search Criteria Dialog Box (Windows® only) . . . . .	343
Password Setting . . . . .	343
<b>21 Faxing</b> . . . . .	<b>345</b>
<b>Specifying the Fax Initial Settings Using the Dell Printer Easy Install</b> . . . . .	<b>345</b>
<b>Setting Your Country</b> . . . . .	<b>346</b>
<b>Setting the Printer ID</b> . . . . .	<b>346</b>

<b>Setting the Time and Date</b> . . . . .	<b>347</b>
<b>Changing the Clock Mode</b> . . . . .	<b>347</b>
<b>Setting Sounds</b> . . . . .	<b>347</b>
Speaker Volume . . . . .	347
Ringer Volume . . . . .	348
<b>Specifying the Fax Settings Options</b> . . . . .	<b>348</b>
Changing the Fax Settings Options . . . . .	348
Available Fax Settings Options . . . . .	348
Advanced Fax Settings . . . . .	352
<b>Sending a Fax</b> . . . . .	<b>354</b>
Loading an Original Document . . . . .	354
Adjusting the Document Resolution . . . . .	355
Adjusting the Document Contrast . . . . .	356
Sending a Fax From Memory . . . . .	356
Sending a Fax Manually . . . . .	357
Confirming Transmissions . . . . .	357
Automatic Redialing . . . . .	357
<b>Sending a Delayed Fax</b> . . . . .	<b>358</b>
<b>Sending a Fax from the Driver (Direct Fax)</b> . . . . .	<b>358</b>
Example . . . . .	358
<b>Receiving a Fax</b> . . . . .	<b>363</b>
About Receiving Modes . . . . .	363
Loading Paper for Receiving Faxes . . . . .	363
Receiving a Fax Automatically in the Fax Mode . . . . .	363
Receiving a Fax Manually in the Telephone Mode . . . . .	363
Receiving a Fax Automatically in the Telephone / Fax or Ans Machine/Fax . . . . .	364
Receiving a Fax Manually Using an External Telephone (Remote Receive) . . . . .	364
Receiving Faxes Using the DRPD . . . . .	364
Receiving Faxes in the Memory . . . . .	365
Polling Receive . . . . .	365
<b>Automatic Dialing</b> . . . . .	<b>365</b>
Speed Dialing . . . . .	365
Setting Speed Dial . . . . .	365
Sending a Fax Using Speed Dial . . . . .	366
Group Dialing . . . . .	366
Setting Group Dial . . . . .	366
Editing Group Dial . . . . .	367
Sending a Fax Using Group Dial (Multi-address Transmission) . . . . .	367

Printing a Speed Dial List . . . . .	367
<b>Phone Book . . . . .</b>	<b>368</b>
<b>Other Ways to Fax. . . . .</b>	<b>368</b>
Using the Secure Receiving Mode . . . . .	368
Using an Answering Machine . . . . .	369
Using a Computer Modem . . . . .	370
<b>Printing a Report . . . . .</b>	<b>370</b>
<b>Changing Setting Options. . . . .</b>	<b>370</b>
<b>22 Dell Document Hub . . . . .</b>	<b>371</b>
<b>Registering the User and Signing In to the Dell Document Hub . . . . .</b>	<b>371</b>
Registering a New User to the Dell Document Hub. . . . .	371
Signing In to the Dell Document Hub . . . . .	372
When the Favorite List Screen is Displayed When You Tap the Tile on the Dell Document Hub Screen. . . . .	372
Returning to the Home Screen . . . . .	372
Logging Out From the Printer . . . . .	372
<b>Searching for and Printing Files . . . . .</b>	<b>373</b>
<b>Browsing and Printing Files . . . . .</b>	<b>374</b>
Searching for the Files in the Selected Cloud Service . . . . .	375
<b>Scanning . . . . .</b>	<b>375</b>
Searching for the Location Across the Cloud Services. . . . .	376
Searching for the Location in the Selected Cloud Service . . . . .	376
<b>Scanning the Document Using Optical Character Recognition (OCR). . . . .</b>	<b>377</b>
<b>Receiving the Scanned File as an E-Mail . . . . .</b>	<b>378</b>
<b>Receiving the Scanned Image of the Business Card as an E-Mail . . . . .</b>	<b>379</b>
<b>23 Printing and Scanning Directly From SharePoint® . . . . .</b>	<b>381</b>
<b>Registering the SharePoint® Server . . . . .</b>	<b>381</b>
Editing the Server URL List. . . . .	382
<b>Signing In to the SharePoint® Server . . . . .</b>	<b>382</b>
Returning to the Home Screen . . . . .	382
<b>Browsing and Printing Files . . . . .</b>	<b>383</b>
<b>Scanning . . . . .</b>	<b>383</b>



Know Your Printer . . . . .	385
-----------------------------	-----

24 Understanding Your Printer Software . . . . .	387
--	-----

<b>Overview</b> . . . . .	<b>387</b>
---------------------------	------------

<b>Dell Printer Hub/Dell Printer Management Tool (for Microsoft® Windows®)</b> . . . . .	<b>388</b>
---	------------

<b>Printer Status Window (for OS X and Linux).</b> . . . . .	<b>388</b>
--	------------

<b>Status Monitor Widget (for OS X)</b> . . . . .	<b>389</b>
---	------------

Status Monitor Widget Feature . . . . .	389
---	-----

Before Installing the Status Monitor Widget . . . . .	389
---	-----

Installing the Status Monitor Widget . . . . .	390
--	-----

Opening and Closing the Status Monitor Widget . . . . .	390
---	-----

Printer Status Window . . . . .	390
---------------------------------	-----

Order Window . . . . .	392
------------------------	-----

Preferences . . . . .	393
-----------------------	-----

<b>Status Monitor Console (for Linux).</b> . . . . .	<b>394</b>
--	------------

Status Monitor Console Feature . . . . .	394
--	-----

Before Installing the Status Monitor Console. . . . .	394
---	-----

Installing the Status Monitor Console. . . . .	394
--	-----

Starting the Status Monitor Console . . . . .	395
---	-----

Printer Selection Window. . . . .	395
-----------------------------------	-----

Printer Status Window . . . . .	396
---------------------------------	-----

Dell Supplies Management System Window . . . . .	397
--	-----

Service Tag Window . . . . .	398
------------------------------	-----

Settings Window . . . . .	398
---------------------------	-----

<b>Tool Box (for Microsoft® Windows®)</b> . . . . .	<b>399</b>
---	------------

To start the Tool Box. . . . .	399
--------------------------------	-----

<b>Address Book Editor (for Microsoft® Windows® and OS X)</b> . . . . .	<b>399</b>
---	------------

Types of Address Books. . . . .	399
---------------------------------	-----

Adding and Editing Entries to the Address Books Using the Address Book Editor . . . . .	400
--	-----

<b>ScanButton Manager (for OS X)</b> . . . . .	<b>402</b>
--	------------

<b>User Setup Disk Creating Tool (for Microsoft® Windows®)</b> . . . . .	<b>402</b>
--	------------

<b>App Manager (for Microsoft® Windows®)</b> . . . . .	<b>403</b>
--	------------

Preparing to use the App Manager . . . . .	403
--	-----

Starting the App Manager. . . . .	403
-----------------------------------	-----

25	User Authentication . . . . .	405
	<b>Creating and Editing the User Accounts</b> . . . . .	405
	Creating a New User Account. . . . .	405
	Editing the User Account . . . . .	406
	Deleting the User Account. . . . .	406
	<b>Logging In to the User Account on the Dell Cloud Multifunction Printer   H815dw</b> . . . . .	406
	Logging In Using the Touch Panel. . . . .	406
	Logging In Using the NFC Authentication Card . . . . .	407
	Logging Out . . . . .	407
	<b>Logging In to the User Account on the Dell Smart Multifunction Printer   S2815dn</b> . . . . .	407
	Specifying the User Authentication Method . . . . .	407
	Preparations for Remote Authentication . . . . .	407
	Logging In for Remote Authentication. . . . .	407
	Logging In for Local Authentication . . . . .	408
	Logging Out . . . . .	408
26	Tile Customization . . . . .	409
	<b>Adding a New Tile</b> . . . . .	409
	Selecting From the Pre-defined Tiles . . . . .	409
	Creating a New Tile Including the Job Settings. . . . .	409
27	Using the Server Address Book and Server Phone Book . . . . .	411
	<b>Preparing the Printer to Access the External LDAP Server</b> . . . . .	411
	Starting the Dell Printer Configuration Web Tool . . . . .	411
	Setting Authentication Type . . . . .	411
	Setting LDAP Server. . . . .	412
	Setting LDAP User Mapping. . . . .	413
	<b>Sending an E-mail With the Scanned File Using the E-mail Server Address Book</b> . . . . .	414
	<b>Sending a Fax Using the Fax Server Phone Book</b> . . . . .	414
28	Using Digital Certificates . . . . .	415
	<b>Managing Certificates</b> . . . . .	415
	Preparing to Manage Certificates. . . . .	415
	Creating and Downloading a Certificate Signing Request (CSR) . . . . .	416

Importing a Digital Certificate . . . . .	416
Setting a Digital Certificate . . . . .	417
Confirming the Settings of a Digital Certificate . . . . .	418
Deleting a Digital Certificate . . . . .	418
Exporting a Digital Certificate . . . . .	419
<b>Setting the Features . . . . .</b>	<b>419</b>
Setting the SSL/TLS-use Server Certificate (HTTP/IPP) . . . . .	420
Setting SMTP-SSL/TLS Communication . . . . .	420
Setting LDAP-SSL/TLS Communication . . . . .	420
Setting for Wireless LAN WPA-Enterprise (EAP-TLS) . . . . .	420
Setting for Wireless LAN WPA-Enterprise (PEAPV0-MS-CHAPV2, EAP-TTLS PAP, EAP-TTLS CHAP) . . . . .	422
<b>29 Understanding Printer Messages . . . . .</b>	<b>425</b>
<b>Status Codes . . . . .</b>	<b>425</b>
<b>Error Messages . . . . .</b>	<b>432</b>
<b>30 Specifications . . . . .</b>	<b>435</b>
<b>Operating System Compatibility . . . . .</b>	<b>435</b>
<b>Power Supply . . . . .</b>	<b>435</b>
<b>Dimensions . . . . .</b>	<b>435</b>
<b>Memory . . . . .</b>	<b>435</b>
<b>Page Description Language (PDL)/Emulation, Operating System, and Interface . . . . .</b>	<b>436</b>
MIB Compatibility . . . . .	436
<b>Environment . . . . .</b>	<b>436</b>
Operation . . . . .	436
Print Quality Guarantee . . . . .	436
Storage . . . . .	436
Altitude . . . . .	436
<b>Cables . . . . .</b>	<b>437</b>
<b>Print Specifications . . . . .</b>	<b>437</b>
<b>Copy Specifications . . . . .</b>	<b>438</b>
<b>Scanner Specifications . . . . .</b>	<b>438</b>
<b>Facsimile Specifications . . . . .</b>	<b>439</b>

<b>Wireless Connection Specifications</b> . . . . .	<b>439</b>
---	------------

## Maintaining Your Printer . . . . . 441

### 31 Maintaining Your Printer . . . . . 443

<b>Determining the Status of Supplies</b> . . . . .	<b>443</b>
---	------------

<b>Conserving Supplies</b> . . . . .	<b>443</b>
--------------------------------------	------------

<b>Ordering Supplies</b> . . . . .	<b>443</b>
------------------------------------	------------

Using Dell Printer Configuration Web Tool . . . . .	443
---	-----

Using Dell Printer Hub or Dell Printer Management Tool for Windows® . . . . .	443
---	-----

For OS X . . . . .	444
--------------------	-----

For Linux . . . . .	444
---------------------	-----

<b>Storing Print Media</b> . . . . .	<b>444</b>
--------------------------------------	------------

<b>Storing Consumables</b> . . . . .	<b>444</b>
--------------------------------------	------------

<b>Replacing the Toner Cartridge</b> . . . . .	<b>445</b>
--	------------

Removing the Toner Cartridge. . . . .	445
---------------------------------------	-----

Installing a Toner Cartridge . . . . .	446
--	-----

<b>Replacing the Drum Cartridge</b> . . . . .	<b>448</b>
---	------------

Removing the Drum Cartridge . . . . .	448
---------------------------------------	-----

Installing a Drum Cartridge . . . . .	449
---------------------------------------	-----

<b>Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller</b> . . . . .	<b>452</b>
--	------------

Removing the Fusing Unit . . . . .	452
------------------------------------	-----

Installing a Fusing Unit. . . . .	453
-----------------------------------	-----

Removing the Transfer Unit . . . . .	454
--------------------------------------	-----

Installing a Transfer Unit. . . . .	454
-------------------------------------	-----

Removing the Retard Roller in Tray1. . . . .	455
--	-----

Installing a Retard Roller in Tray1 . . . . .	456
---	-----

<b>Cleaning the Scanner</b> . . . . .	<b>458</b>
---------------------------------------	------------

<b>Cleaning the DADF Feed Roller</b> . . . . .	<b>459</b>
--	------------

<b>Cleaning Inside the Printer</b> . . . . .	<b>459</b>
--	------------

<b>Moving the Printer</b> . . . . .	<b>462</b>
-------------------------------------	------------

<b>Removing the Optional 550-Sheet Feeder</b> . . . . .	<b>464</b>
---	------------

32 Clearing Jams . . . . .	469
<b>Avoiding Jams</b> . . . . .	469
<b>Identifying the Location of Paper Jams</b> . . . . .	470
<b>Clearing Paper Jams From the DADF</b> . . . . .	471
If status code: 005-112, 005-121, or 005-900 appears: . . . . .	471
If status code: 005-110 appears: . . . . .	473
<b>Clearing Paper Jams From the MPF</b> . . . . .	473
<b>Clearing Paper Jams From Tray1</b> . . . . .	477
<b>Clearing Paper Jams From the Fusing Unit</b> . . . . .	480
If status code: 050-130 appears: . . . . .	480
<b>Clearing Paper Jams From the Duplexer</b> . . . . .	483
If status code: 050-131 appears: . . . . .	483
<b>Clearing Paper Jams From the Regi Roll</b> . . . . .	484
If status code: 050-142 appears: . . . . .	484
If status code: 050-132 appears: . . . . .	487
<b>Clearing Paper Jams From the Optional 550-Sheet Feeder</b> . . . . .	491
<b>Clearing Paper Jams From the Trays</b> . . . . .	494
If status code 050-134 appears: . . . . .	494
If status code 050-133 appears: . . . . .	496
Troubleshooting . . . . .	499
33 Troubleshooting Guide . . . . .	501
<b>Basic Printer Problems</b> . . . . .	501
<b>Display Problems</b> . . . . .	501
<b>Printing Problems</b> . . . . .	501
<b>Print Quality Problems</b> . . . . .	502
The output is too light . . . . .	503
Toner smears or print comes off . . . . .	505
Random spots/Blurred images . . . . .	506
The entire output is blank . . . . .	506
Streaks appear on the output . . . . .	508
Pitched dots . . . . .	509
Vertical blanks . . . . .	510

Mottle . . . . .	511
Ghosting . . . . .	512
Light-induced fatigue . . . . .	513
Fog . . . . .	513
Bead-Carry-Out (BCO) . . . . .	514
Jagged characters. . . . .	515
Banding . . . . .	516
Auger mark. . . . .	516
Wrinkled/Stained paper . . . . .	517
Damage on the leading edge of paper . . . . .	517
<b>Jam/Alignment Problems . . . . .</b>	<b>518</b>
The top and side margins are incorrect. . . . .	518
Images are skewed . . . . .	519
Tray1/Optional 550-Sheet Feeder Misfeed Jam . . . . .	519
MPF Misfeed Jam . . . . .	520
Regi Jam (Exit Sensor On JAM) . . . . .	521
Exit Jam (Exit Sensor Off JAM) . . . . .	521
Tray1/Optional 550-Sheet Feeder Multi-feed Jam. . . . .	521
MPF Multi-feed Jam . . . . .	522
<b>Noise . . . . .</b>	<b>522</b>
<b>Copy Problems . . . . .</b>	<b>523</b>
<b>Fax Problems . . . . .</b>	<b>523</b>
<b>Scanning Problems . . . . .</b>	<b>525</b>
<b>Digital Certificate Problems . . . . .</b>	<b>527</b>
<b>Problems With Installed Optional Accessory . . . . .</b>	<b>528</b>
<b>Wi-Fi Direct Problems . . . . .</b>	<b>528</b>
<b>Scanner Driver/Printer Utility Problems . . . . .</b>	<b>529</b>
<b>Other Problems . . . . .</b>	<b>529</b>
<b>Contacting Service . . . . .</b>	<b>529</b>

Appendix . . . . .	531
--------------------	-----

Appendix . . . . .	533
--------------------	-----

<b>Dell™ Technical Support Policy . . . . .</b>	<b>533</b>
Online Services . . . . .	533

<b>Warranty and Return Policy</b> . . . . .	<b>533</b>
Recycling Information . . . . .	533
<b>Contacting Dell</b> . . . . .	<b>533</b>
<b>New Zealand PTC200 Warnings</b> . . . . .	<b>534</b>
<b>USA/Canada Wi-Fi Warnings</b> . . . . .	<b>535</b>





# Before Beginning

- Notes, Cautions, and Warnings ..... 27
  
- 1 Dell™ Cloud Multifunction Printer | H815dw  
Dell™ Smart Multifunction Printer | S2815dn  
User's Guide..... 31
  
- 2 Finding Information ..... 33
  
- 3 Product Features..... 35
  
- 4 About the Printer ..... 39



# Notes, Cautions, and Warnings



**NOTE:** A NOTE indicates important information that helps you make better use of your printer.



**CAUTION:** A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.



**WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

Information in this document is subject to change without notice.

© 2015 Dell Inc. All rights reserved.

Reproduction of these materials in any manner whatsoever without the written permission of Dell Inc. is strictly forbidden.

Trademarks used in this text: *Dell* and the *DELL* logo are trademarks of Dell Inc.; *Microsoft*, *Windows*, *Windows Server*, *Windows Vista*, and *Active Directory* are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries; *Apple*, *Bonjour*, *Macintosh*, *Mac OS*, and *OS X* are trademarks of Apple Inc., registered in the U.S. and other countries. *AirPrint* and the *AirPrint* logo are trademarks of Apple Inc.; *Android*, *Google Chrome*, *Gmail*, *Google*, *Google Cloud Print*, *Google Drive*, and *Google Play* are either registered trademarks or trademarks of Google Inc.; *Adobe*, *PostScript* and *Photoshop* are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries; *Wi-Fi* and *Wi-Fi Direct* are registered trademarks of the Wi-Fi Alliance; *Wi-Fi Protected Setup*, *WPA*, and *WPA2* are trademarks of the Wi-Fi Alliance; *Red Hat* and *Red Hat Enterprise Linux* are registered trademarks of Red Hat, Inc. in the U.S. and other countries; *SUSE* is a registered trademark of Novell, Inc., in the United States and other countries; *MIFARE* is a trademark of NXP Semiconductors; *Thinstream* is a trademark of Thinstream Technologies Pte. Ltd.; *QR Code* is a registered trademark of Denso Wave Incorporated; *Dropbox* is a trademark or registered trademark of Dropbox Inc.; *Box* and the *Box* logo are including without limitation, either trademarks, service marks or registered trademarks of Box, Inc.; *RSA* and *BSAFE* are either registered trademarks or trademarks of EMC Corporation in the United States and/or other countries.; *Mopria* is a trademark of the Mopria Alliance.

Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own.

## About License

*XML Paper Specification (XPS)*: This product may incorporate intellectual property owned by Microsoft Corporation. The terms and conditions upon which Microsoft is licensing such intellectual property may be found at <http://go.microsoft.com/fwlink/?LinkId=52369>; *DES*: This product includes software developed by Eric Young (eay@mincom.oz.au); *AES*: Copyright (c) 2003, Dr Brian Gladman, Worcester, UK. All rights reserved. This product uses published AES software provided by Dr Brian Gladman under BSD licensing terms; *ICC Profile (Little cms)*: Copyright (c) 1998-2004 Marti Maria.

### As for RSA BSAFE



This printer includes RSA® BSAFE® Cryptographic software from EMC Corporation.

### ICC Profile Header

Copyright (c) 1994-1996 SunSoft, Inc.

Rights Reserved

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL SUNSOFT, INC. OR ITS PARENT COMPANY BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of SunSoft, Inc. shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without written authorization from SunSoft Inc.

## JPEG Library

Independent JPEG Group's free JPEG software

-----  
This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG is a standardized compression method for full-color and gray-scale images.

The distributed programs provide conversion between JPEG "JFIF" format and image files in PBMPLUS PPM/PGM, GIF, BMP, and Targa file formats. The core compression and decompression library can easily be reused in other programs, such as image viewers. The package is highly portable C code; we have tested it on many machines ranging from PCs to Crays.

We are releasing this software for both noncommercial and commercial use. Companies are welcome to use it as the basis for JPEG-related products. We do not ask a royalty, although we do ask for an acknowledgement in product literature (see the README file in the distribution for details). We hope to make this software industrial-quality --- although, as with anything that's free, we offer no warranty and accept no liability.

For more information, contact jpeg-info@jpegclub.org.

Contents of this directory

-----  
jpegsrc.vN.tar.gz contains source code, documentation, and test files for release N in Unix format.

jpegrN.zip contains source code, documentation, and test files for release N in Windows format.

jpegaltui.vN.tar.gz contains source code for an alternate user interface for cjpeg/djpeg in Unix format.

jpegaltuiN.zip contains source code for an alternate user interface for cjpeg/djpeg in Windows format.

wallace.ps.gz is a PostScript file of Greg Wallace's introductory article about JPEG. This is an update of the article that appeared in the April 1991 Communications of the ACM.

jpeg.documents.gz tells where to obtain the JPEG standard and documents about JPEG-related file formats.

jfif.ps.gz is a PostScript file of the JFIF (JPEG File Interchange Format) format specification.

jfif.txt.gz is a plain text transcription of the JFIF specification; it's missing a figure, so use the PostScript version if you can.

TIFFTechNote2.txt.gz is a draft of the proposed revisions to TIFF 6.0's JPEG support.

pm.errata.gz is the errata list for the first printing of the textbook "JPEG Still Image Data Compression Standard" by Pennebaker and Mitchell.

jdosaobj.zip contains pre-assembled object files for JMEMDOS.ASM. If you want to compile the IJG code for MS-DOS, but don't have an assembler, these files may be helpful.

## Math Library

Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.

Developed at SunPro, a Sun Microsystems, Inc. business.

Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.

=====  
copysignf.c: \* Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.

math\_private.h: \* Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.

powf.c: \* Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.

scalbnf.c: \* Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.

## libtiff

Copyright (c) 1988-1997 Sam Leffler

Copyright (c) 1991-1997 Silicon Graphics, Inc.

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that (i) the above copyright notices and this permission notice appear in all copies of the software and related documentation, and (ii) the names of Sam Leffler and Silicon Graphics may not be used in any advertising or publicity relating to the software without the specific, prior written permission of Sam Leffler and Silicon Graphics.

THE SOFTWARE IS PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SAM LEFFLER OR SILICON GRAPHICS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

## **Zlib**

zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.8, April 28th, 2013

Copyright (C) 1995-2013 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

---

## **UNITED STATES GOVERNMENT RESTRICTED RIGHTS**

This software and documentation are provided with RESTRICTED RIGHTS. Use, duplication or disclosure by the Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 and in applicable FAR provisions: Dell Inc., One Dell Way, Round Rock, Texas, 78682, USA.

October 2015 Rev. A00





# Dell™ Cloud Multifunction Printer | H815dw

# Dell™ Smart Multifunction Printer | S2815dn

## User's Guide

Click the links to the left for information on the features, options, and operation of your Dell Cloud Multifunction Printer | H815dw and Dell Smart Multifunction Printer | S2815dn. For information on other documentation included with your printer, see "Finding Information."

 **NOTE:** In this manual, Dell Cloud Multifunction Printer | H815dw and Dell Smart Multifunction Printer | S2815dn are referred to as the "printer."

 **NOTE:** In this manual, the procedures for the computer are explained using Microsoft® Windows® 7 unless stated otherwise.

## Conventions

The following describe the meaning of the symbols and fonts used in this manual:


- Bold texts** : • Names of hardware button on the operator panel.  
 • Screen names on the touch panel.  
 • Menus, commands, windows, or dialog boxes displayed on the computer screen.
- Texts in `Courier New` font : • Menus and messages displayed on the touch panel.  
 • Characters entered from the computer.  
 • Directory paths.
- < > : • Key on the keyboard of the computer.
- : • Indicates a path to a certain item within a procedure on a computer.
- " " : • Cross references in this manual.  
 • Characters entered from the operator panel.  
 • Messages displayed on the computer screen.

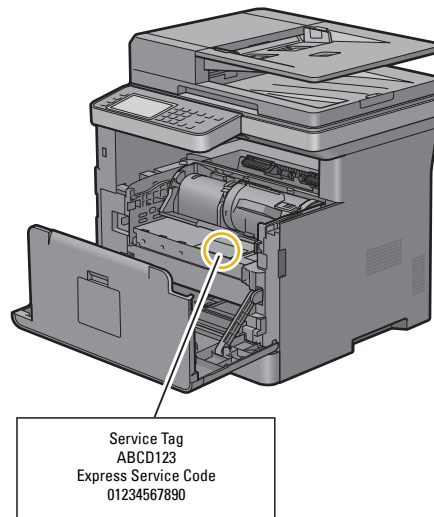




## Finding Information

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

What are you looking for?	Find it here
<ul style="list-style-type: none"> <li>• Drivers for my printer</li> <li>• My <i>User's Guide</i></li> </ul>	<p><i>Software and Documentation</i> disc</p> <p>The <i>Software and Documentation</i> disc contains setup video, documentation, and drivers for your printer. You can use the <i>Software and Documentation</i> disc to install drivers or access your setup video and documentation.</p> <p>Readme files may be included on your <i>Software and Documentation</i> disc to provide last-minute updates about technical changes to your printer or advanced technical reference material for experienced users or technicians.</p>
<ul style="list-style-type: none"> <li>• How to set up my printer</li> <li>• How to use my printer</li> </ul>	<p><i>Setup Guide</i></p>
<ul style="list-style-type: none"> <li>• Safety information</li> <li>• Warranty information</li> </ul>	<p><i>Important Information</i></p> <p> <b>WARNING: Read and follow all safety instructions in the <i>Important Information</i> prior to setting up and operating your printer.</b></p>
<ul style="list-style-type: none"> <li>• Express Service Code and Service Tag</li> </ul>	



The Express Service Code and Service Tag are located inside the front cover of your printer.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Latest drivers for my printer</li> <li>• Documentation for my printer</li> </ul> | <p>Go to <a href="http://dell.com/support">dell.com/support</a>.</p> |
|---|--|

---

<b>What are you looking for?</b>	<b>Find it here</b>
• Answers to technical service and support questions	<p data-bbox="643 258 1208 289"><b>dell.com/support</b> provides several online tools, including:</p> <ul data-bbox="672 300 1435 541" style="list-style-type: none"><li data-bbox="672 300 1435 352">• Solutions — Troubleshooting hints and tips, articles from technicians, and online courses</li><li data-bbox="672 363 1435 394">• Upgrades — Upgrade information for components, such as the printer drivers</li><li data-bbox="672 405 1435 457">• Customer Care — Contact information, order status, warranty, and repair information</li><li data-bbox="672 468 899 499">• Downloads — Drivers</li><li data-bbox="672 510 1279 541">• Manuals— Printer documentation and product specifications</li></ul> <p data-bbox="643 552 1435 613">Go to <b>dell.com/support</b>. Select your region, and fill in the requested details to access help tools and information.</p>

---

## Product Features

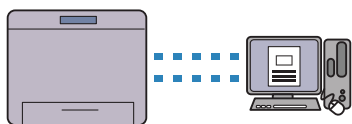
This chapter describes the product features and indicates their links.

### Dell Document Hub App



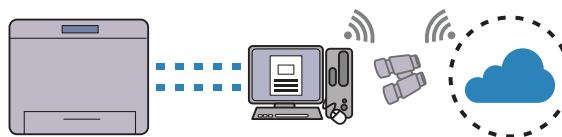
Easily access and share documents, images and digital content with the Dell Document Hub app. This innovative cloud collaboration solution connects your printer and devices to popular cloud services, providing a flexible and secure way to collaborate from virtually anywhere. Using your computer or mobile device, you can search file across multiple cloud services simultaneously to print documents or you can scan documents directly to the cloud using the app. Visit Windows Store, Google Play™ store, and App Store to download the apps. For more information about using the Dell Document Hub, see the FAQs in [Dell.com/documenthub](http://Dell.com/documenthub).

### Dell Printer Management Tool (Dell Smart Multifunction Printer | S2815dn only)



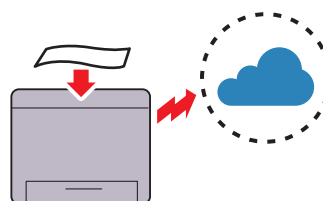
Dell Printer Management Tool is a program that monitors and informs you of the printer status and allows you to customize the printer settings. The program also notifies you of the firmware/software updates. The Dell Printer Management Tool is included on your *Software and Documentation* disc and is installed with the manuals, drivers, and software for the printer. For more information, open the program and click ? on the top right of the main window to see the FAQs.

### Dell Printer Hub (Dell™ Cloud Multifunction Printer | H815dw only)



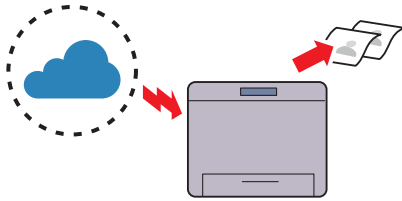
Dell Printer Hub is a program that monitors and informs you of the printer status and allows you to customize the printer settings. The program also notifies you of the firmware/software updates. For convenient use, you can access the Dell Document Hub from the Dell Printer Hub. The Dell Printer Hub is included on your *Software and Documentation* disc and is installed with the manuals, drivers, and software for the printer. For more information, open the program and click ? on the top right of the main window to see the FAQs.

### Converting and storing with Dell Document Hub (Dell Cloud Multifunction Printer | H815dw Only)



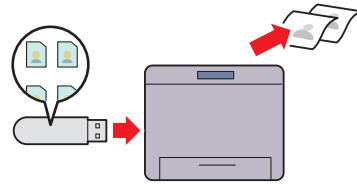
You can scan hard copy documents and store them directly in your preferred cloud storage service with the Dell Document Hub. You can also convert hard copy documents into editable digital content before sending them to the cloud storage.

**Printing with Dell Document Hub  
(Dell Cloud Multifunction Printer | H815dw Only)**



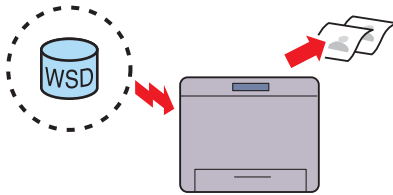
With the Dell Document Hub, you can easily locate and print documents stored in cloud storage. You can also search for files across multiple cloud storage services simultaneously.

**Printing from USB Memory (USB Direct Print)**



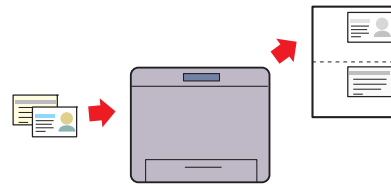
The USB Direct Print feature enables you to print files directly from a USB memory without requiring you to start your computer and an application.

**Printing With Web Services on Devices (WSD)**



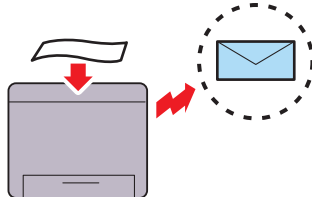
When the printer is connected to a computer via network using Web Services on Devices (WSD), you can print documents from the computer using the Web Services on Devices (WSD) Print function.

**Using the ID Copy (ID Copy)**



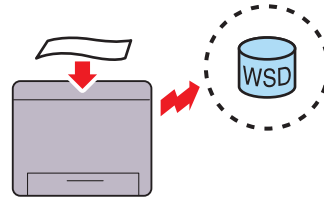
You can copy both sides of an ID card on one side of a single sheet of paper in its original size by tapping ID Copy on the touch panel.

**Sending an E-Mail With the Scanned Image (Scan to Email)**



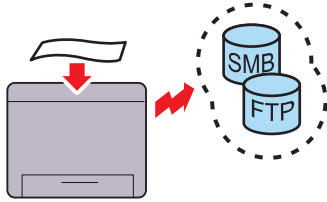
When you want to send scanned data by e-mail, use the Scan to Email feature. You can directly send the data scanned as an e-mail attachment. You can choose destination e-mail addresses from the address book on the printer or server. Or, you can enter the address from the touch panel on the printer's operator panel.

**Scanning to a Computer Connected With Web Services on Devices (WSD)**



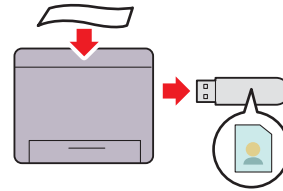
When the printer is connected to a computer via network using Web Services on Devices (WSD), you can scan and send the images to a computer using the Web Services on Devices (WSD) Scan function.

**Scanning to a PC or Server via SMB/FTP  
(Scan to Network Folder)**



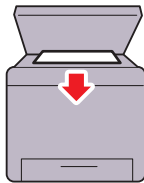
You can transfer data scanned to a PC or a server via SMB or FTP without service software. Although prior registration of the destination FTP server or PC on the address book is required, it helps save your time.

**Scanning to a USB Memory (Scan to USB)**



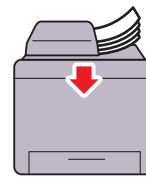
With the Scan to USB feature, you don't need a PC to connect a USB memory. You can specify the USB memory inserted into the printer's port as a data saving location when you scan data.

**Making Copies From the Document Glass (Scan From Document Glass)**



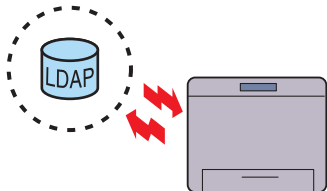
You can scan the pages of a book or a brochure from the document glass. When you scan documents using the document glass, place them facing down.

**Making Copies From the DADF (Scan From DADF)**



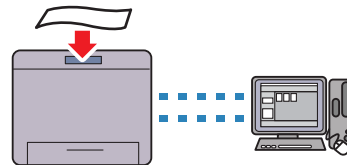
You can scan pieces of unbound paper using the duplex automatic document feeder (DADF). When you scan documents using the DADF, load them facing up.

**Remote Authentication Using the LDAP or Kerberos Server  
(Dell Smart Multifunction Printer | S2815dn Only)**



The user authentication using the LDAP or Kerberos server is available to control the user's login to the printer. Only users who can access the specified server are allowed to log in to the printer.

**Managing the documents with PaperPort  
(Dell Smart Multifunction Printer | S2815dn Only)**



You can organize, search, and share your scanned document using the bundled PaperPort software.



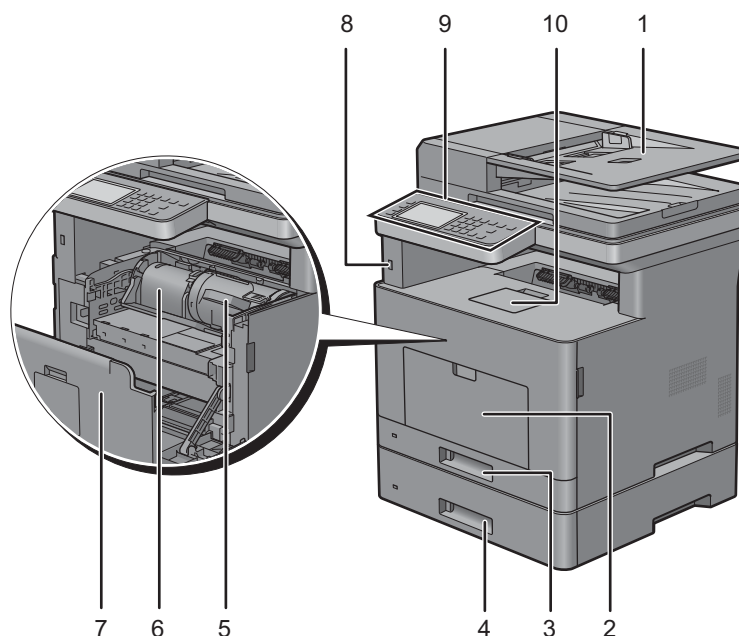
## About the Printer

This chapter provides an overview of your printer.


 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.


### Front and Rear Views

#### Front View

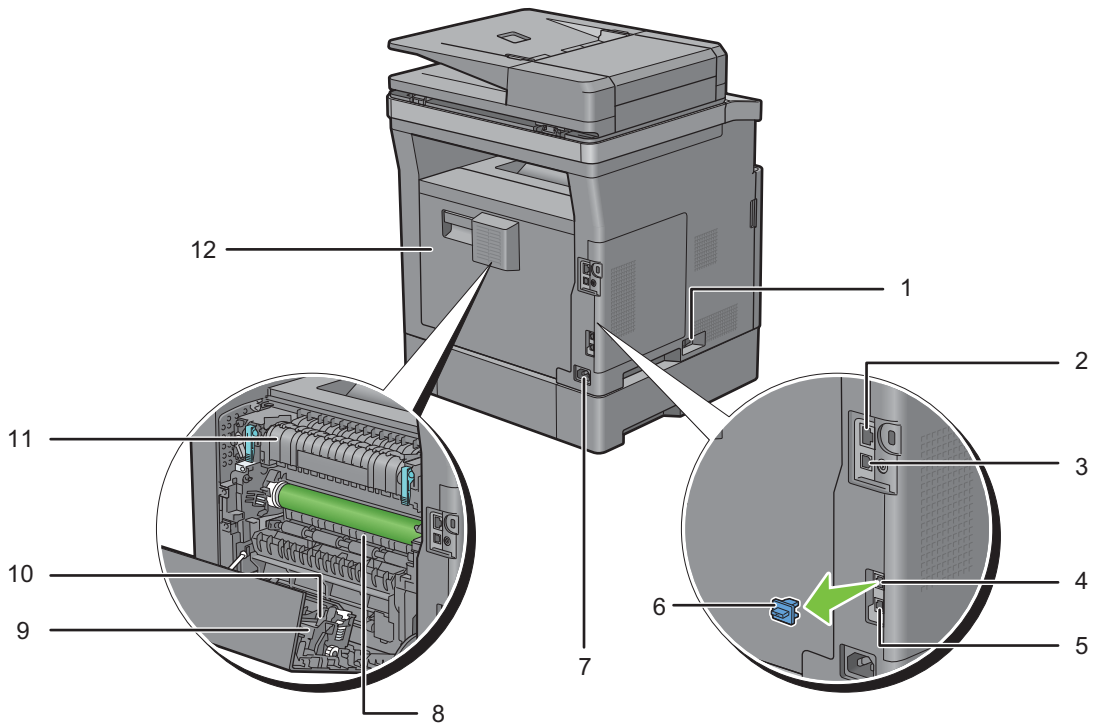


1	Duplex Automatic Document Feeder (DADF)	6	Drum Cartridge
2	Multipurpose Feeder (MPF)	7	Front Cover
3	Tray1	8	Front USB Port
4	Optional 550-Sheet Feeder (Tray2)	9	Operator Panel
5	Toner Cartridge	10	Output Tray Extension

 **NOTE:** Extend the output tray extension to prevent the printed paper from falling off the printer.

 **NOTE:** The operator panel can be flipped up until it clicks to make it easier to take out the printed paper or the drum cartridge.

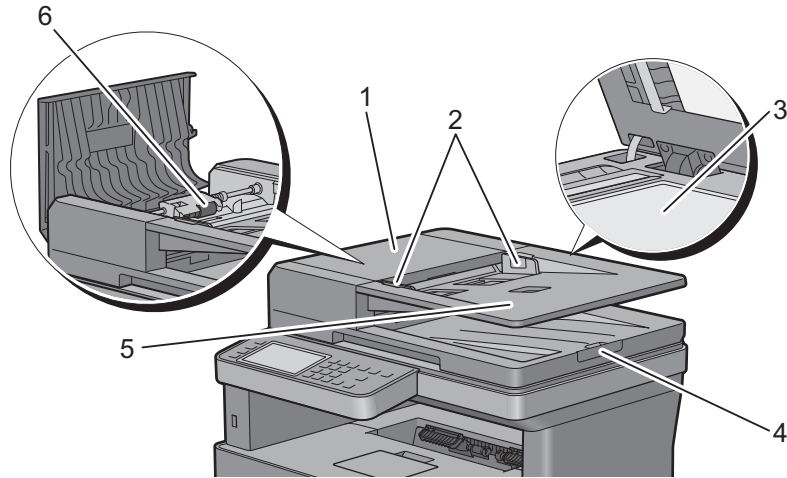
## Rear View




1	Power Switch	7	Power Connector
2	Ethernet Port	8	Chute
3	USB Port	9	Duplex Unit
4	Phone Connector	10	Transfer Unit
5	Wall Jack Connector	11	Fusing Unit
6	"Blue" Plug	12	Rear Cover



## Duplex Automatic Document Feeder (DADF)

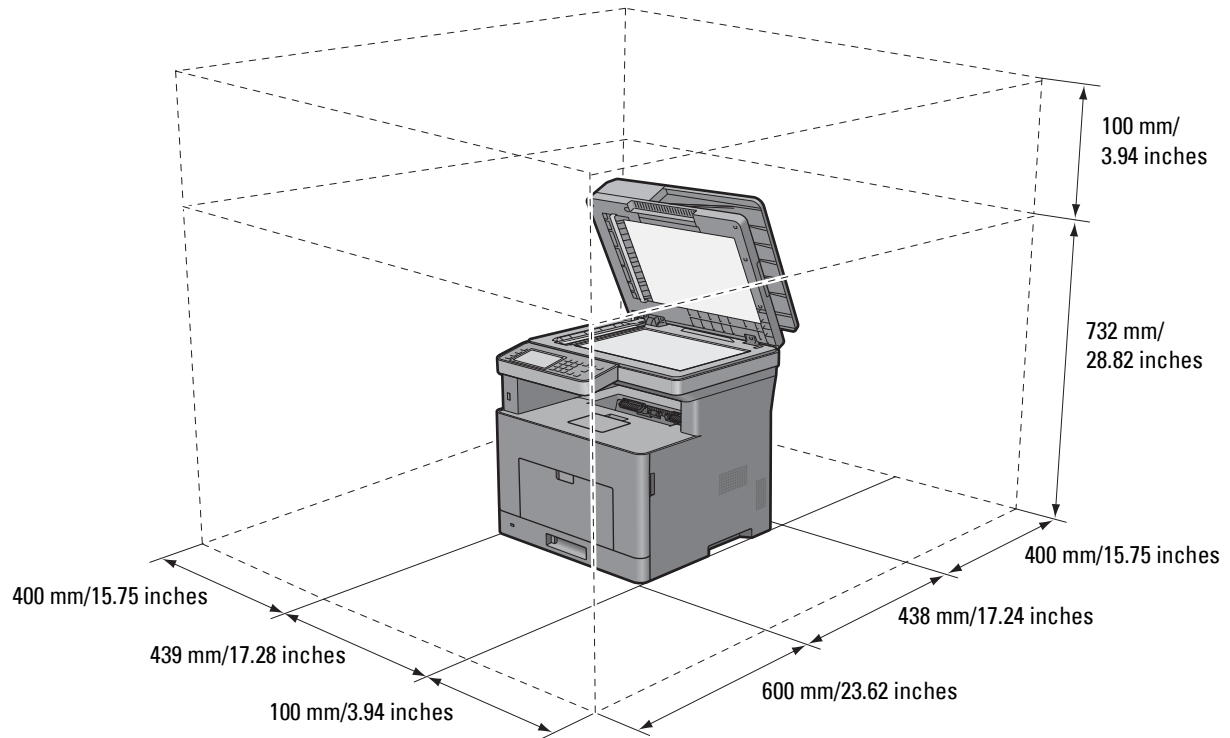


1	DADF Cover	4	Document Stopper
2	Document Guides	5	Document Feeder Tray
3	Document Glass	6	DADF Feed Roller

 **NOTE:** Pull out the document stopper to prevent the document from falling off the printer.

## Space Requirements

Provide enough room to open the printer trays, covers, and optional accessories, and for proper ventilation.



## Operator Panel



For more information on the operator panel, see "About the Operator Panel."

## Optional Accessory

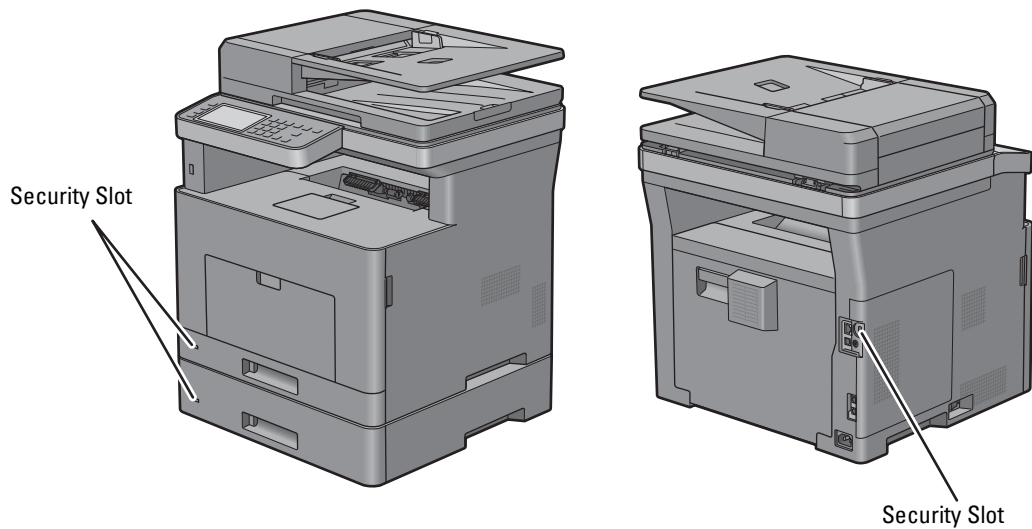
The optional 550-sheet feeder is available for the printer.

To install the optional 550-sheet feeder, refer to the installation instruction that comes with the optional 550-sheet feeder.

## Securing the Printer

To protect your printer from theft, you can use the optional Kensington lock.

Attach the Kensington lock to the security slot on your printer.



For details, see the operating instructions supplied with the Kensington lock.

## Ordering Supplies

You can order consumables from Dell online when using a networked printer. Enter the IP address of your printer in your web browser, launch the **Dell Printer Configuration Web Tool**, and click the web address under **Order Supplies at:** to order toner or supplies for your printer.

For details, see "Ordering Supplies."



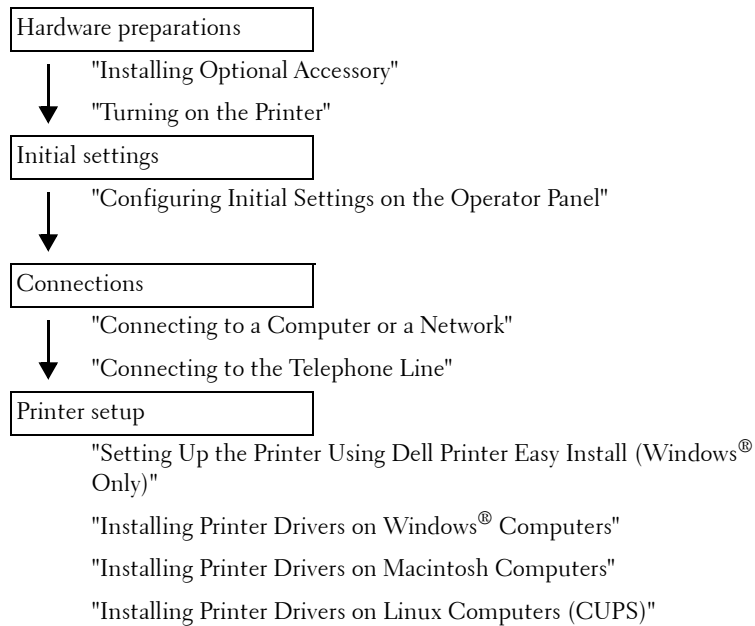
# Setting Up the Printer (Printer Setup)

5	Overview of the Printer Setup.....	47
6	Installing Optional Accessory.....	49
7	Connecting and Setting Up Your Printer .....	57
8	Setting the IP Address .....	79
9	Loading Paper.....	83
10	Installing Printer Drivers on Windows <sup>®</sup> Computers.....	87
11	Installing Printer Drivers on Macintosh Computers.....	101
12	Installing Printer Drivers on Linux Computers (CUPS) .....	105



## Overview of the Printer Setup

The following are the procedures necessary to set up the printer.








## Installing Optional Accessory

This chapter describes how to install the optional 550-sheet feeder (tray2).


 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

### Installing the Optional 550-Sheet Feeder

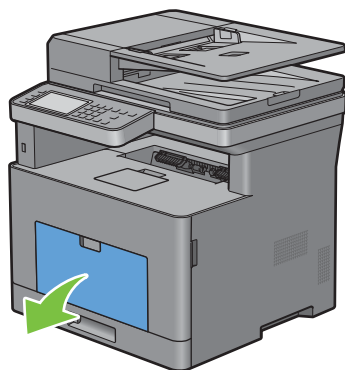
 **WARNING:** If you install the optional 550-sheet feeder after setting up the printer, be sure to turn off the printer, unplug the power cable, and disconnect all cables from the rear of the printer before starting this task.

 **NOTE:** The *Software and Documentation* disc also contains video instructions. In the main menu window of **Dell Printer Easy Install**, click **Installation Video**.

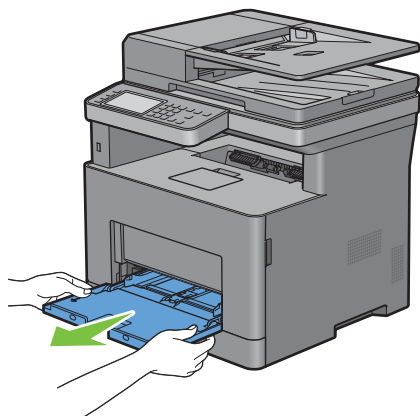
- 1 Ensure that the printer is turned off, and then disconnect all cables from the rear of the printer.
- 2 Remove the tape and the bag holding the screws.

 **NOTE:** Save the screws as you will need them later.

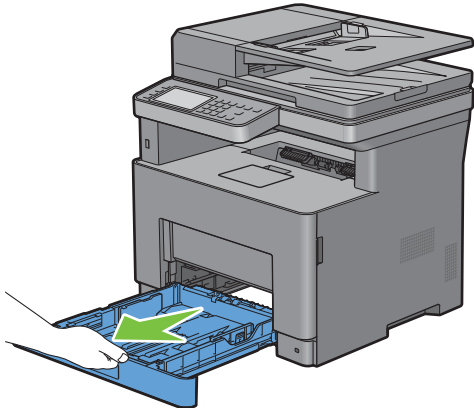
- 3 Place the optional 550-sheet feeder in the same location that the printer is located.
- 4 Gently pull open the MPF cover.



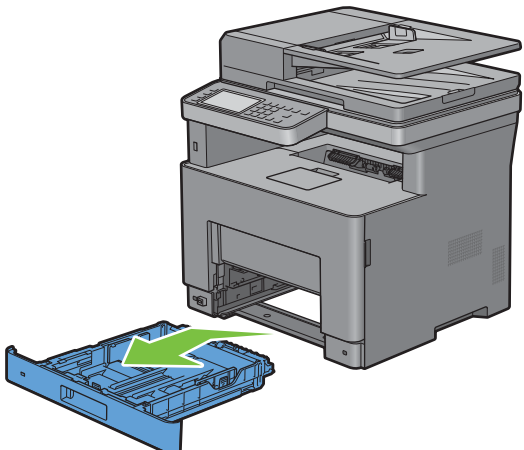
- 5 Grasp both sides of the MPF, and then pull the MPF from the printer.



6 Pull tray1 out of the printer about 200 mm.



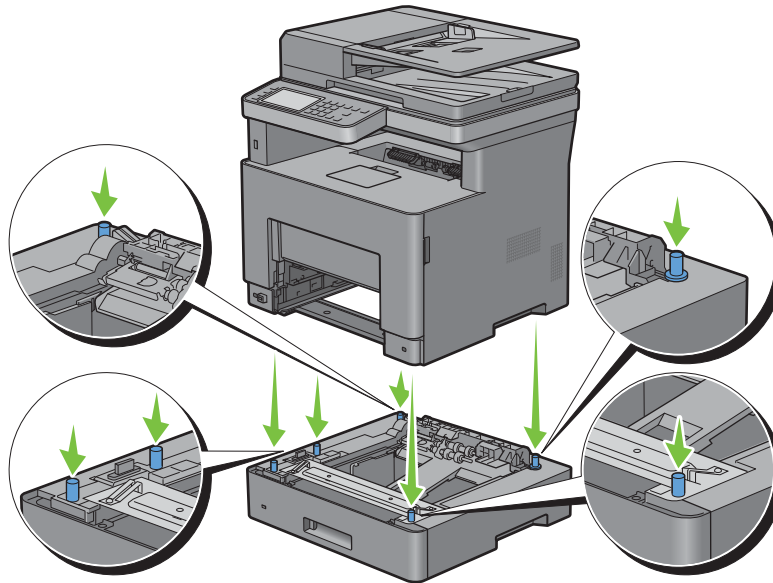
7 Hold tray with both hands, and remove it from the printer.



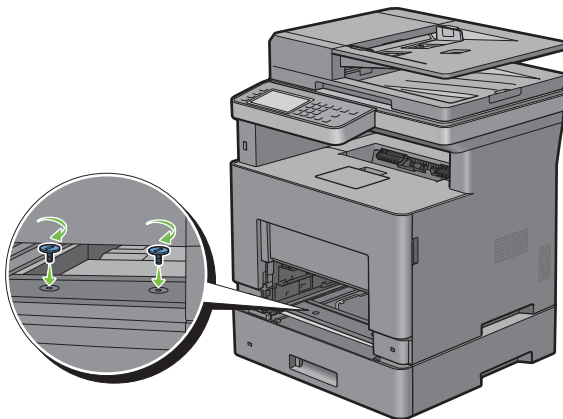
- 8 Lift the printer and align the five guide pins of the optional 550-sheet feeder with the holes at the bottom of the printer. Gently lower the printer onto the optional 550-sheet feeder.

 **WARNING: Two people are required to lift the printer.**

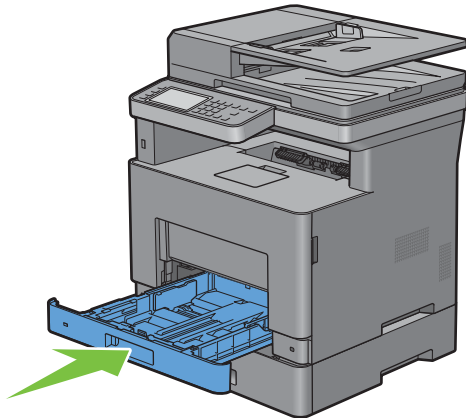
 **WARNING: Be careful not to pinch your fingers when lowering the printer onto the optional 550-sheet feeder.**



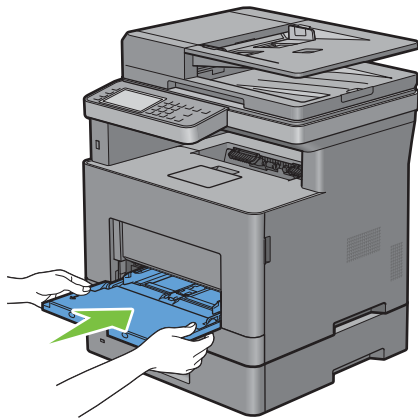
- 9 Secure the optional 550-sheet feeder to the printer by tightening the two screws provided with the feeder, using a coin or similar object.



- 10 Insert tray1 into the printer, and push until it stops.



- 11 Insert the MPF into the printer, push until it stops, and close the MPF cover.



- 12 Re-connect all cables into the rear of the printer, and turn on the printer.
- NOTE:** The printer will automatically detect the attached tray but will not detect the paper type.
- 13 Print the system settings report to confirm that the optional 550-sheet feeder is installed correctly.  
For details about how to print a system settings report, see "Report / List."
- 14 Confirm **Tray2 (550 Sheet Feeder)** is listed in the system settings report under **Printer Options**.  
If the feeder is not listed, turn off the printer, unplug the power cable, and re-install the optional 550-sheet feeder.
- 15 After loading paper in the optional 550-sheet feeder, specify the paper type from the printer touch panel.
- Press the **i** (**Information**) button.
  - Tap the **Tools** tab, and then tap **Tray Management**.
  - Tap **Tray Settings**.
  - Tap **Tray2**.
  - Tap **Type**.
  - Tap **▼** until the desired paper type appears, and then tap the desired paper type.
  - Tap **OK**.
- 16 If you installed the optional 550-sheet feeder after installing the printer driver, update your driver by following the instructions for each operating system. If the printer is on a network, update the driver for each client.

## Updating Your Driver to Detect 550-Sheet Feeder

### When Using PCL Driver

---

Windows <sup>®</sup> 10/ Windows <sup>®</sup> 10 x64	<ol style="list-style-type: none"><li>1 Right-click the Start button, and then click <b>Control Panel</b> → <b>Hardware and Sound</b> → <b>Devices and Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Devices and Printers</b> dialog box.</li></ol>
Microsoft <sup>®</sup> Windows <sup>®</sup> 8/ Windows <sup>®</sup> 8 x64/ Windows <sup>®</sup> 8.1/ Windows <sup>®</sup> 8.1 x64/ Windows Server <sup>®</sup> 2012/ Windows Server <sup>®</sup> 2012 R2	<ol style="list-style-type: none"><li>1 On the Desktop screen, right-click the bottom left corner of the screen, and then click <b>Control Panel</b> → <b>Hardware and Sound</b> (<b>Hardware</b> for Windows Server<sup>®</sup> 2012/Windows Server<sup>®</sup> 2012 R2) → <b>Devices and Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Devices and Printers</b> dialog box.</li></ol>
Windows <sup>®</sup> 7/ Windows <sup>®</sup> 7 x64/ Windows Server <sup>®</sup> 2008 R2 x64	<ol style="list-style-type: none"><li>1 Click <b>Start</b> → <b>Devices and Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Devices and Printers</b> dialog box.</li></ol>
Windows Vista <sup>®</sup> / Windows Vista <sup>®</sup> x64	<ol style="list-style-type: none"><li>1 Click <b>Start</b> → <b>Control Panel</b> → <b>Hardware and Sound</b> → <b>Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Printers</b> dialog box.</li></ol>
Windows Server <sup>®</sup> 2008/ Windows Server <sup>®</sup> 2008 x64	<ol style="list-style-type: none"><li>1 Click <b>Start</b> → <b>Control Panel</b> → <b>Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Printers</b> dialog box.</li></ol>
Windows Server <sup>®</sup> 2003/ Windows Server <sup>®</sup> 2003 x64	<ol style="list-style-type: none"><li>1 Click <b>Start</b> → <b>Printers and Faxes</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Printers and Faxes</b> dialog box.</li></ol>

---

If the printer information is not updated automatically after clicking **Get Information from Printer**, follow these steps:

- 1 Click the **Configuration** tab, and then select **Installable Options**.
- 2 Select **Paper Tray Configuration** in the **Items** list box.
- 3 Select **2 Trays** in the **Paper Tray Configuration** drop-down menu in **Setting for**.
- 4 Click **OK**.
- 5 Close the **Devices and Printers(Printers, or Printers and Faxes)** dialog box.

### When Using PS Driver

Windows® 10/ Windows® 10 x64	<ol style="list-style-type: none"><li>1 Right-click the Start button, and then click <b>Control Panel → Hardware and Sound → Devices and Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Devices and Printers</b> dialog box.</li></ol>
Windows® 8/ Windows® 8 x64/ Windows® 8.1/ Windows® 8.1 x64/ Windows Server® 2012/ Windows Server® 2012 R2	<ol style="list-style-type: none"><li>1 On the Desktop screen, right-click the bottom left corner of the screen, and then click <b>Control Panel → Hardware and Sound (Hardware for Windows Server® 2012/Windows Server® 2012 R2) → Devices and Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Devices and Printers</b> dialog box.</li></ol>
Windows® 7/ Windows® 7 x64/ Windows Server® 2008 R2 x64	<ol style="list-style-type: none"><li>1 Click <b>Start → Devices and Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Devices and Printers</b> dialog box.</li></ol>
Windows Vista®/ Windows Vista® x64	<ol style="list-style-type: none"><li>1 Click <b>Start → Control Panel → Hardware and Sound → Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Printers</b> dialog box.</li></ol>
Windows Server® 2008/ Windows Server® 2008 x64	<ol style="list-style-type: none"><li>1 Click <b>Start → Control Panel → Printers</b>.</li><li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Properties</b>.</li><li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li><li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li><li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li><li>6 Close the <b>Printers</b> dialog box.</li></ol>

Windows Server® 2003/ Windows Server® 2003 x64	<ol style="list-style-type: none"> <li>1 Click <b>Start</b> → <b>Printers and Faxes</b>.</li> <li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Properties</b>.</li> <li>3 Click the <b>Configuration</b> tab, and then select <b>Bi-Directional Setup</b>.</li> <li>4 Select <b>Get Information from Printer</b> and then click <b>OK</b>.</li> <li>5 Click <b>Apply</b>, and then click <b>OK</b>.</li> <li>6 Close the <b>Printers and Faxes</b> dialog box.</li> </ol>
---	--

If the printer information is not updated automatically after clicking **Get Information from Printer**, follow these steps:

- 1 Click the **Configuration** tab, and then select **Installable Options**.
- 2 Select **Paper Tray Configuration** in the **Items** list box.
- 3 Select **2 Trays** in the **Paper Tray Configuration** drop-down menu in **Setting for**.
- 4 Click **OK**.
- 5 Close the **Devices and Printers(Printers, or Printers and Faxes)** dialog box.

OS X 10.9.x/OS X 10.10.x	<ol style="list-style-type: none"> <li>1 Select <b>Printers &amp; Scanners</b> in <b>System Preferences</b>.</li> <li>2 Select the printer in the <b>Printers</b> list, and click <b>Options &amp; Supplies</b>.</li> <li>3 Select <b>Options</b>, select the options that have been installed on the printers, and then click <b>OK</b>.</li> </ol>
Mac OS X 10.7.x/OS X 10.8.x	<ol style="list-style-type: none"> <li>1 Select <b>Print &amp; Scan</b> in <b>System Preferences</b>.</li> <li>2 Select the printer in the <b>Printers</b> list, and click <b>Options &amp; Supplies</b>.</li> <li>3 Select <b>Driver</b>, select the options that have been installed on the printers, and then click <b>OK</b>.</li> </ol>
Mac OS X 10.5.x/Mac OS X 10.6.x	<ol style="list-style-type: none"> <li>1 Select <b>Print &amp; Fax</b> in <b>System Preferences</b>.</li> <li>2 Select the printer in the <b>Printers</b> list, and click <b>Options &amp; Supplies</b>.</li> <li>3 Select <b>Driver</b>, select the options that have been installed on the printers, and then click <b>OK</b>.</li> </ol>

#### When Using XML Paper Specification (XPS) Driver



**NOTE:** The XML Paper Specification (XPS) driver does not support Windows Server® 2003 and Windows Server® 2003 x64.

Windows® 10/ Windows® 10 x64	<ol style="list-style-type: none"> <li>1 Right-click the <b>Start</b> button, and then click <b>Control Panel</b> → <b>Hardware and Sound</b> → <b>Devices and Printers</b>.</li> <li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li> <li>3 Click the <b>Device Setting</b> tab, and then select <b>Available</b> in <b>Tray2</b> drop-down menu.</li> <li>4 Click <b>Apply</b>, and then click <b>OK</b>.</li> <li>5 Close the <b>Devices and Printers</b> dialog box.</li> </ol>
Windows® 8/ Windows® 8 x64/ Windows® 8.1/ Windows® 8.1 x64/ Windows Server® 2012/ Windows Server® 2012 R2	<ol style="list-style-type: none"> <li>1 On the Desktop screen, right-click the bottom left corner of the screen, and then click <b>Control Panel</b> → <b>Hardware and Sound (Hardware for Windows Server® 2012/Windows Server® 2012 R2)</b> → <b>Devices and Printers</b>.</li> <li>2 Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li> <li>3 Click the <b>Device Setting</b> tab, and then select <b>Available</b> in <b>Tray2</b> drop-down menu.</li> <li>4 Click <b>Apply</b>, and then click <b>OK</b>.</li> <li>5 Close the <b>Devices and Printers</b> dialog box.</li> </ol>

Windows® 7/ Windows® 7 x64/ Windows Server® 2008 R2 x64	<ol style="list-style-type: none"> <li><b>1</b> Click <b>Start</b> → <b>Devices and Printers</b>.</li> <li><b>2</b> Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Printer properties</b>.</li> <li><b>3</b> Click the <b>Device Setting</b> tab, and then select <b>Available</b> in <b>Tray2</b> drop-down menu.</li> <li><b>4</b> Click <b>Apply</b>, and then click <b>OK</b>.</li> <li><b>5</b> Close the <b>Devices and Printers</b> dialog box.</li> </ol>
Windows Vista®/ Windows Vista® x64	<ol style="list-style-type: none"> <li><b>1</b> Click <b>Start</b> → <b>Control Panel</b> → <b>Hardware and Sound</b> → <b>Printers</b>.</li> <li><b>2</b> Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Properties</b>.</li> <li><b>3</b> Click the <b>Device Setting</b> tab, and then select <b>Available</b> in <b>Tray2</b> drop-down menu.</li> <li><b>4</b> Click <b>Apply</b>, and then click <b>OK</b>.</li> <li><b>5</b> Close the <b>Printers</b> dialog box.</li> </ol>
Windows Server® 2008/ Windows Server® 2008 x64	<ol style="list-style-type: none"> <li><b>1</b> Click <b>Start</b> → <b>Control Panel</b> → <b>Printers</b>.</li> <li><b>2</b> Right-click the printer icon of the <b>Dell MFP H815dw</b> or <b>Dell MFP S2815dn</b>, and then select <b>Properties</b>.</li> <li><b>3</b> Click the <b>Device Setting</b> tab, and then select <b>Available</b> in <b>Tray2</b> drop-down menu.</li> <li><b>4</b> Click <b>Apply</b>, and then click <b>OK</b>.</li> <li><b>5</b> Close the <b>Printers</b> dialog box.</li> </ol>

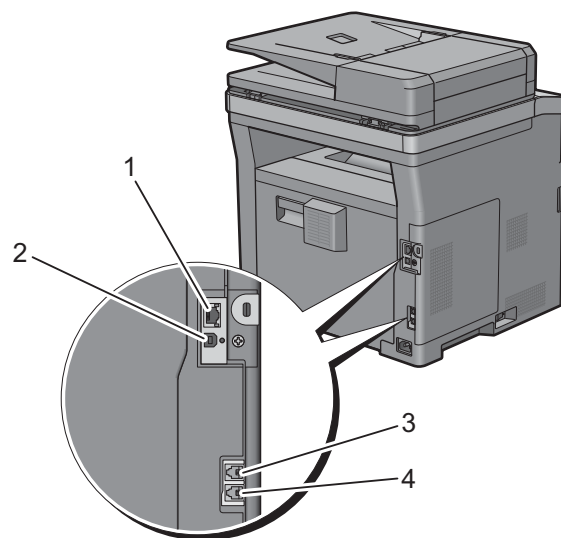


## Connecting and Setting Up Your Printer

To connect your printer to a computer or device, the following specification must be met for each of the connection type:

Connection type	Connection specifications
Wireless	IEEE 802.11b/802.11g/802.11n (Dell™ Cloud Multifunction Printer   H815dw only)
Ethernet	10 Base-T/100 Base-TX/1000 Base-T
USB	USB 2.0
Phone connector	RJ11
Wall jack connector	RJ11

 **NOTE:** The images used in this manual are those of the Dell Cloud Multifunction Printer | H815dw unless otherwise mentioned.



1 Ethernet port



2 USB port



3 Phone connector

PHONE



4 Wall jack connector


LINE



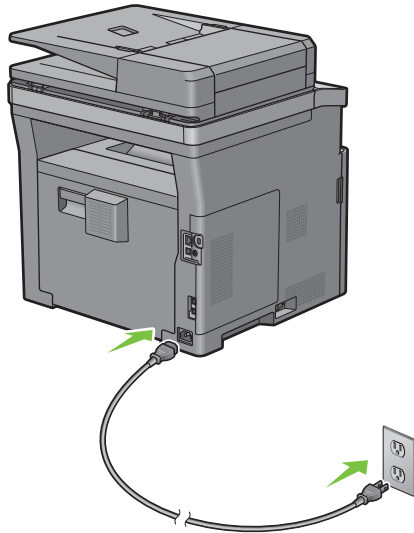
## Turning on the Printer

 **WARNING:** Do not use extension cords or power strips.

 **WARNING:** The printer should not be connected to an Uninterruptible Power Supply (UPS) system.

 **NOTE:** The *Software and Documentation* disc also contains video instructions. In the main menu window of **Dell Printer Easy Install**, click **Installation Video**.

- 1 Connect the power cable to the power connector on the rear of the printer, and then to a power source.




- 2 Turn on the printer.

## Configuring Initial Settings on the Operator Panel


You need to set the printer language, country, clock date, time, and fax settings when you turn on the printer for the first time.

When you turn the printer on, the wizard screen to perform the initial setup appears on the touch panel. Follow the steps below to set the initial settings.

 **NOTE:** If you do not start configuring the initial settings, the printer automatically restarts in 3 minutes, and the **Home** screen appears on the touch panel. After that, you can set the following initial setup by enabling *Power on Wizard* on the touch panel or **Dell Printer Configuration Web Tool** if needed.

For more information on operator panel, see "Operator Panel."

For more information on **Dell Printer Configuration Web Tool**, see "Dell™ Printer Configuration Web Tool."

- 1 The **Select Your Language** screen appears.
  - a Tap  until desired language appears, and then tap the desired language.

English
Français
Italiano
Deutsch
Español

Dansk
Nederlands
Norsk
Svenska

**b** Tap **Next**.

**2** The **Date & Time** screen appears.

**a** Tap **Time Zone**.

**b** Tap  until the desired geographic region appears, and then tap the desired geographic region.

**c** Tap  until the desired time zone appears, and then tap the desired time zone.

Geographic Region	Time Zone
Africa	(UTC) Accra, Bamako, Dakar, Nouakchott
	(UTC) Casablanca
	(UTC +01:00) Algiers, Douala, Libreville, Luanda
	(UTC +01:00) Tunis
	(UTC +01:00) Windhoek
	(UTC +02:00) Cairo
	(UTC +02:00) Harare, Johannesburg, Kinshasa, Tripoli
(UTC +03:00) Addis Ababa, Khartoum, Mogadishu, Nairobi	

Geographic Region	Time Zone
Americas	(UTC -10:00) Adak
	(UTC -09:00) Alaska
	(UTC -08:00) Pacific Time (US & Canada)
	(UTC -08:00) Tijuana
	(UTC -07:00) Arizona, Dawson Creek, Sonora
	(UTC -07:00) Chihuahua, Mazatlan
	(UTC -07:00) Mountain Time (US & Canada)
	(UTC -06:00) Cancun, Mexico City, Monterrey
	(UTC -06:00) Central America
	(UTC -06:00) Central Time (US & Canada)
	(UTC -06:00) Saskatchewan
	(UTC -05:00) Atikokan, Resolute
	(UTC -05:00) Bogota, Lima, Panama, Quito
	(UTC -05:00) Cayman Islands, Jamaica, Port-au-Prince
	(UTC -05:00) Eastern Time (US & Canada)
	(UTC -05:00) Grand Turk
	(UTC -05:00) Havana
	(UTC -04:30) Caracas
	(UTC -04:00) Asuncion
	(UTC -04:00) Atlantic Time (Canada)
	(UTC -04:00) Blanc-Sablon
	(UTC -04:00) Caribbean Islands
	(UTC -04:00) Cuiaba
	(UTC -04:00) Georgetown, La Paz, Manaus
	(UTC -04:00) Thule
	(UTC -03:30) St. John's
	(UTC -03:00) Brasilia, Cayenne, Paramaribo
	(UTC -03:00) Buenos Aires
	(UTC -03:00) Greenland
	(UTC -03:00) Miquelon
	(UTC -03:00) Montevideo
	(UTC -02:00) Noronha
Antarctica	(UTC -04:00) Palmer Archipelago, Santiago
	(UTC -03:00) Rothera
	(UTC +03:00) Syowa
	(UTC +06:00) Mawson, Vostok
	(UTC +07:00) Davis
	(UTC +08:00) Casey
	(UTC +10:00) Dumont d'Urville
(UTC +12:00) McMurdo	

Geographic Region	Time Zone
Asia	(UTC +02:00) Amman
	(UTC +02:00) Beirut
	(UTC +02:00) Damascus
	(UTC +02:00) Jerusalem
	(UTC +02:00) Nicosia
	(UTC +02:00) Palestine
	(UTC +03:00) Aden, Baghdad, Qatar, Riyadh
	(UTC +03:30) Tehran
	(UTC +04:00) Baku
	(UTC +04:00) Dubai, Muscat, Tbilisi
	(UTC +04:00) Yerevan
	(UTC +04:30) Kabul
	(UTC +05:00) Aqtau, Aqtobe, Ashgabat, Samarkand
	(UTC +05:00) Ekaterinburg
	(UTC +05:00) Karachi
	(UTC +05:30) Colombo, Kolkata
	(UTC +05:45) Kathmandu
	(UTC +06:00) Almaty, Bishkek, Dhaka, Thimphu
	(UTC +06:00) Novosibirsk, Omsk
	(UTC +06:30) Yangon (Rangoon)
	(UTC +07:00) Bangkok, Ho Chi Minh, Hovd, Jakarta
	(UTC +07:00) Krasnoyarsk
	(UTC +08:00) Chongqing, Hong Kong, Shanghai
	(UTC +08:00) Irkutsk
	(UTC +08:00) Kuala Lumpur, Makassar, Manila, Singapore
	(UTC +08:00) Taipei
	(UTC +08:00) Ulaan Baatar
	(UTC +09:00) Dili, Jayapura
	(UTC +09:00) Pyongyang
	(UTC +09:00) Seoul
	(UTC +09:00) Tokyo
	(UTC +09:00) Yakutsk
	(UTC +10:00) Sakhalin, Vladivostok
(UTC +11:00) Magadan	
(UTC +12:00) Anadyr, Kamchatka	
Atlantic Ocean	(UTC -04:00) Bermuda
	(UTC -04:00) Stanley
	(UTC -02:00) South Georgia Island
	(UTC -01:00) Azores, Scoresbysund
	(UTC -01:00) Cape Verde
(UTC) Reykjavik	

Geographic Region	Time Zone
Australia	(UTC +08:00) Perth
	(UTC +08:45) Eucla
	(UTC +09:30) Adelaide
	(UTC +09:30) Darwin
	(UTC +10:00) Brisbane, Lindeman
	(UTC +10:00) Hobart, Melbourne, Sydney
	(UTC +10:30) Lord Howe Island
Europe	(UTC) Dublin, Edinburgh, Lisbon, London
	(UTC +01:00) Amsterdam, Berlin, Rome, Stockholm, Vienna
	(UTC +01:00) Belgrade, Bratislava, Budapest, Prague
	(UTC +01:00) Brussels, Copenhagen, Madrid, Paris
	(UTC +01:00) Sarajevo, Skopje, Warsaw, Zagreb
	(UTC +02:00) Athens, Bucharest, Istanbul
	(UTC +02:00) Helsinki, Kiev, Riga, Sofia
	(UTC +02:00) Kaliningrad, Minsk
	(UTC +03:00) Moscow
	(UTC +04:00) Samara
Indian Ocean	(UTC +03:00) Antananarivo, Comoro Islands, Mayotte
	(UTC +04:00) Mahe, Reunion
	(UTC +04:00) Mauritius
	(UTC +05:00) Kerguelen, Maldives
	(UTC +06:00) Chagos
	(UTC +06:30) Cocos Islands
	(UTC +07:00) Christmas Island
Pacific Ocean	(UTC -11:00) Midway Island, Niue, Samoa
	(UTC -10:00) Cook Islands, Hawaii, Tahiti
	(UTC -09:30) Marquesas Islands
	(UTC -09:00) Gambier Islands
	(UTC -08:00) Pitcairn Islands
	(UTC -06:00) Easter Island
	(UTC -06:00) Galapagos Islands
	(UTC +09:00) Palau
	(UTC +10:00) Guam, Port Moresby, Saipan
	(UTC +11:00) Efate, Guadalcanal, Kosrae
	(UTC +11:30) Norfolk Island
	(UTC +12:00) Auckland
	(UTC +12:00) Fiji, Marshall Islands
	(UTC +12:45) Chatham
	(UTC +13:00) Tongatapu
(UTC +14:00) Kiritimati	

- d** Tap OK.
- e** Tap Date.
- f** Select a date format from the menu displayed by selecting Format.

YYYY/MM/DD
DD/MM/YYYY
MM/DD/YYYY

- g** After tapping the box under Year, tap - or +, or use the number pad to enter the desired value. Repeat this step to enter the desired value for Month and Day.
  - h** Tap OK.
  - i** Tap Time.
  - j** Select the time format from 12 Hour or 24 Hour. If you select 12 Hour, select AM or PM.
  - k** After tapping the box under Hour, use the number pad to enter the desired value. Repeat this step to enter the desired value for Minute.
  - l** Tap OK.
  - m** Tap Next.
- 3** The Fax (Do you want to setup Fax Now?) screen appears.

To set Fax settings, select Yes, Setup FAX and follow the procedure below. To end the settings, select No, I'll Do It Later and proceed to Step 4.

- a** Enter the fax number of the printer using the number pad.
- b** Tap Country.
- c** Tap  until the desired country appears, and then tap the desired country.  
The default paper size is automatically set when you select a country.

Australia	A4
Austria	A4
Belgium	A4
Canada	Letter
Colombia	Letter
Denmark	A4
France	A4
Germany	A4
Greece*	A4
Iceland*	A4
Ireland	A4
Italy	A4
Japan*	A4
Luxembourg	A4
Malaysia	A4
Mexico	Letter
Netherlands	A4


New Zealand	A4
Norway	A4
Poland*	A4
Portugal*	A4
Saudi Arabia*	A4
Singapore	A4
South Africa	A4
Spain	A4
Sweden	A4
Switzerland	A4
Thailand	A4
Turkey*	A4
United Kingdom	A4
United States	Letter
Unknown	Letter


\* Available on the Dell Smart Multifunction Printer | S2815dn only.

- d** Tap **Next**.
- 4** The **Setup Complete (Congratulations, setup is complete.)** screen appears.
- 5** Tap **OK**.  
The printer automatically restarts after tapping **OK**.



## Connecting to a Computer or a Network

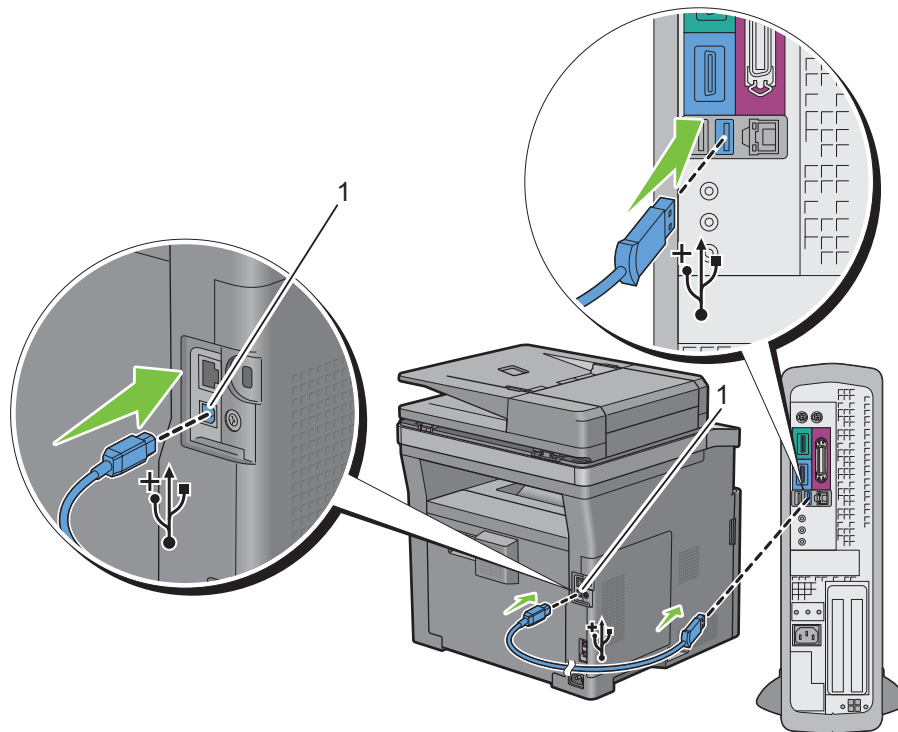
 **NOTE:** The *Software and Documentation* disc also contains video instructions. In the main menu window of **Dell Printer Easy Install**, click **Installation Video**.

 **NOTE:** Before making connections, be sure to turn off the printer.

### Connecting to a Computer Using the USB Cable (Direct Connection)

A local printer is a printer which is directly connected to your computer using the USB cable. If your printer is connected to a network instead of your computer, skip this section and go to "Connecting to a Network Using the Ethernet Cable."


- 1 Connect the smaller USB connector into the USB port at the rear of the printer.



---

1 USB port

---

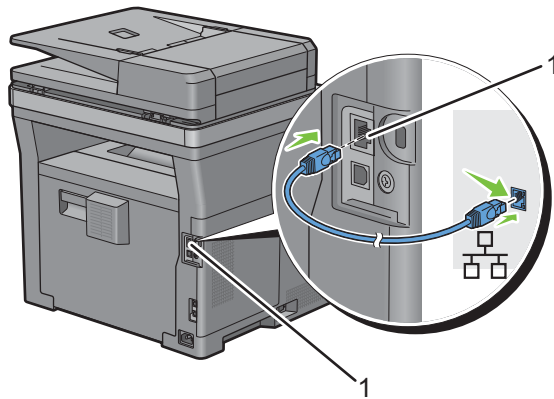
 **NOTE:** Ensure that you match the USB symbol on the cable to the USB symbol on the printer.

- 2 Connect the other end of the cable into a USB port of the computer.

 **CAUTION:** Do not connect the printer USB cable to a USB port located on the keyboard.

## Connecting to a Network Using the Ethernet Cable

- 1 Connect the Ethernet cable.




---

1 Ethernet port

---


To connect the printer to the network, connect one end of an Ethernet cable into the Ethernet port on the rear of the printer, and the other end to a LAN drop or hub.

## Connecting to a Wireless Network


 **NOTE:** The wireless network connection feature is available on the Dell Cloud Multifunction Printer | H815dw only.


You can connect the Dell Cloud Multifunction Printer | H815dw to a wireless network, using the built-in wireless network function.

For a wireless connection setup, see "Configuring the Wireless Settings."

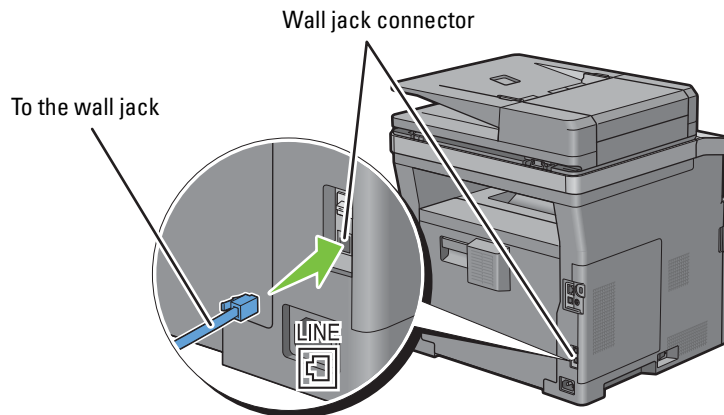
 **NOTE:** To use the Dell Cloud Multifunction Printer | H815dw through wireless connection, be sure to disconnect the Ethernet cable and the USB cable.

## Connecting to the Telephone Line

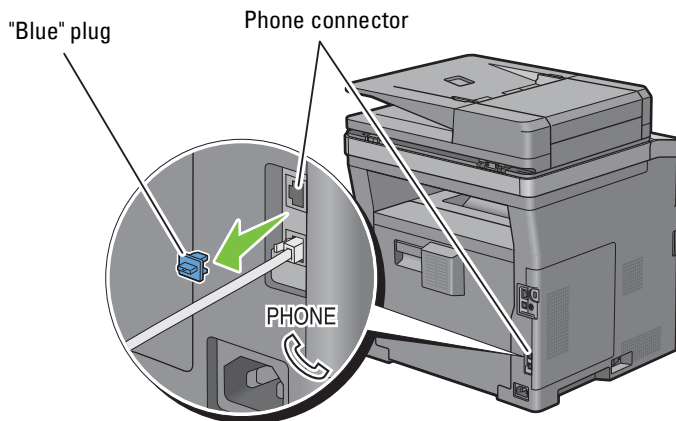
 **CAUTION:** Do not connect your printer directly to a Digital Subscriber Line (DSL). This may damage the printer. To use a DSL, you will need to use an appropriate DSL filter. Contact your service provider for the DSL filter.

 **NOTE:** The *Software and Documentation* disc also contains video instructions. In the main menu window of **Dell Printer Easy Install**, click **Installation Video**.

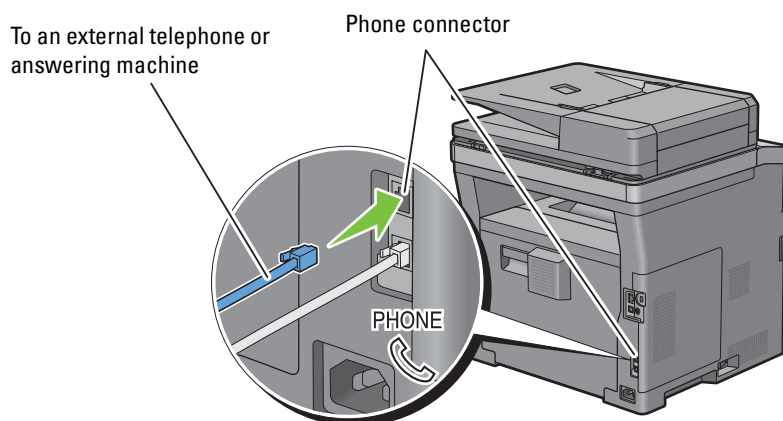
- 1 Connect one end of a telephone line cord into the wall jack connector and the other end into an active wall jack.



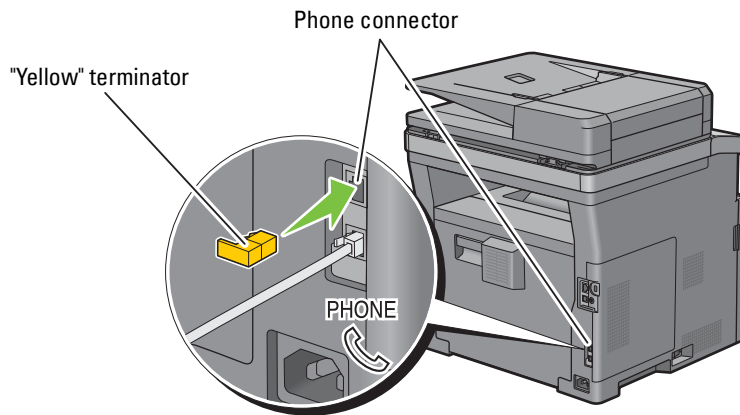
- 2 If the "Blue" plug is attached to the phone connector, remove it.



- 3 To connect a telephone and/or answering machine to your printer, connect the telephone or answering machine line cord into the phone connector (PHONE).



If the phone communication is serial in your country (such as Germany, Sweden, Denmark, Austria, Belgium, Italy, France and Switzerland), and that you are supplied with a "Yellow" terminator, insert the "Yellow" terminator into the phone connector (PHONE).



## Setting Up the Printer Using Dell Printer Easy Install (Windows® Only)

**NOTE:** To set up the printer connected with Macintosh computers or Linux computers, see "Installing Printer Drivers on Macintosh Computers" or "Installing Printer Drivers on Linux Computers (CUPS)" respectively.

### Basic Setup

To set up the printer, you can use the **Dell Printer Easy Install** program on the computer running a Microsoft® Windows® operating system.

The program first searches for the printer and grasps how the printer is connected to the computer. Based on that information, the program will automatically try to configure the printer, and install the drivers and software to your computer.

Before starting this basic setup, make sure that the printer is turned off, and ensure the cable connections as follows:

### To set up the Dell Cloud Multifunction Printer | H815dw as a wireless printer

- 1 Disconnect the Ethernet cable and the USB cable from the printer.
- 2 Ensure the computer you use for printer setup is connected to a known wireless network (2.4 GHz).

After setup completion, the printer will connect to the same wireless network that your setup computer is connected to.

### To set up the printer as a network (wired) printer

- 1 Connect the Ethernet cable to the printer.

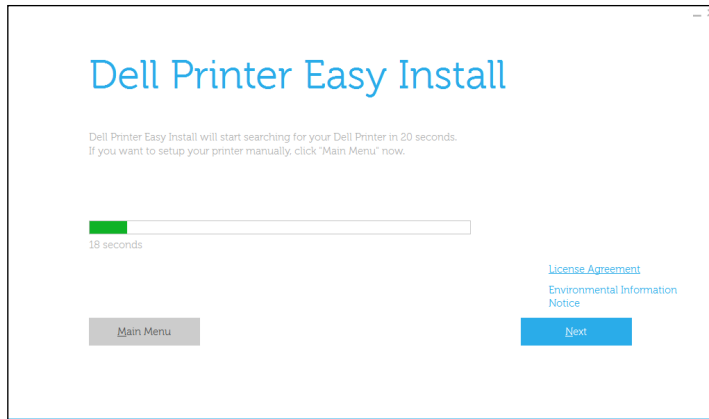
### To set up the printer as a USB printer

- 1 Connect the USB cable to the printer.

**NOTE:** Where the wireless network connection is available, you cannot set up the Dell Cloud Multifunction Printer | H815dw as a USB printer in the basic setup. In this case, set up the printer following the procedures described in "Setting Up the Printer in Another Connection Method."

**NOTE:** For Windows Vista®, you cannot set up the Dell Cloud Multifunction Printer | H815dw automatically as a wireless printer in the basic setup. In this case, set up the printer manually following the procedures described in "Setting Up the Printer in Another Connection Method."

- 1 Turn on the printer.
- 2 Insert the *Software and Documentation* disc provided with the printer into your computer.  
The **Dell Printer Easy Install** program launches automatically.



**NOTE:** If the **Dell Printer Easy Install** program does not launch automatically, follow the procedure below.

For Windows Server® 2008 and Windows Server® 2008 R2

Click **start** → **Run**, enter `D:\setup.exe` (where D is the drive letter of the optical drive) in the Run dialog box, and then click **OK**.

For Windows Vista® and Windows® 7

Click **Start** → **All Programs** → **Accessories** → **Run**, enter

`D:\setup.exe` (where D is the drive letter of the optical drive) in the Run dialog box, and then click **OK**.

For Windows® 8, Windows® 8.1, Windows Server® 2012, and Windows Server® 2012 R2

Point to the top or bottom right corner of the screen, and then click **Search** → Type **Run** in the search box, click **Apps** (for Windows® 8 and Windows Server® 2012 only), and then click **Run** → Type `D:\setup.exe` (where D is the drive letter of the optical drive), and then click **OK**.

For Windows® 10

Right-click the Start button, and then click **Run** → Type `D:\setup.exe` (where D is the drive letter of the optical drive), and then click **OK**.

- 3 Wait until the screen changes or click **Next**.  
Follow the instructions displayed on the screen.
- 4 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears.
- 5 Eject the *Software and Documentation* disc.

#### **If the Main Menu of Dell Printer Easy Install Appears Without Starting or Completing the Basic Setup**

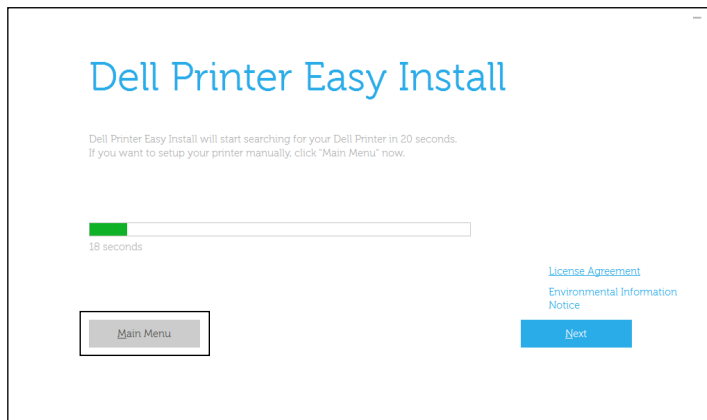
Proceed to step 4 in "Setting Up the Printer in Another Connection Method," and set up the printer manually following the on-screen instructions.

## Setting Up the Printer in Another Connection Method

You can set up the printer, specifying the connection method other than the one used in the basic setup.

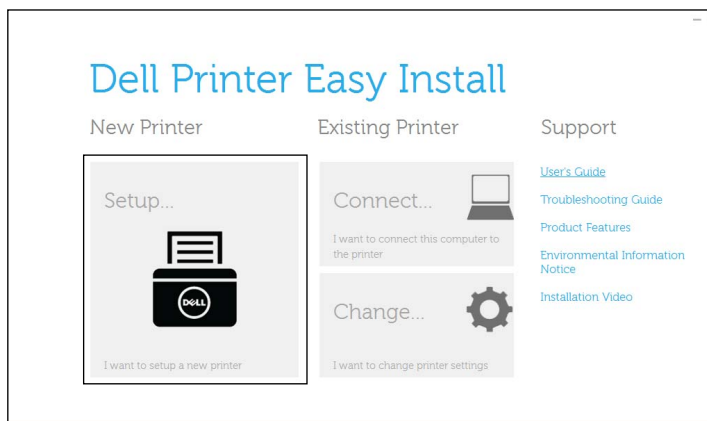
Before starting the setup procedure below, make sure that the printer is turned off, and ensure the cable connection as described in "Basic Setup."

- 1 Turn on the printer.
- 2 Insert the *Software and Documentation* disc provided with the printer into your computer.  
The **Dell Printer Easy Install** program launches automatically.
- 3 Click **Main Menu**.



The Main Menu screen appears.


- 4 Click **Setup**.



Follow the instructions displayed on the screen.

- 5 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears.
- 6 Eject the *Software and Documentation* disc.

## Configuring the Wireless Settings

 **NOTE:** The wireless network connection feature is available on the Dell Cloud Multifunction Printer | H815dw only.

This section describes how to configure the wireless connection on Dell Cloud Multifunction Printer | H815dw.

The specifications of the wireless connection are described below.

Item	Specification
Connectivity Technology	Wireless
Compliant Standards	IEEE 802.11b, 802.11g, and 802.11n
Bandwidth	2.4 GHz
Data Transfer Rate	IEEE 802.11n: 65 Mbps IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9, and 6 Mbps IEEE 802.11b: 11, 5.5, 2, and 1 Mbps
Security	64 (40-bit key)/128 (104-bit key) WEP, WPA- PSK (TKIP, AES), WPA2-PSK (AES), WPA-Enterprise (TKIP, AES) <sup>*1</sup> , WPA2-Enterprise (AES) <sup>*1</sup>
Wi-Fi Protected Setup (WPS) <sup>*2</sup>	Push-Button Configuration (PBC), Personal Identification Number (PIN)

<sup>\*1</sup> EAP method supports PEAPv0, EAP-TLS, EAP-TTLS PAP, and EAP-TTLS CHAP.

<sup>\*2</sup> WPS 2.0 compliant. WPS 2.0 works on access points with the following encryption types: Mixed mode PSK, WPA-PSK AES, WPA2-PSK AES, WPA-PSK TKIP, Open (No Security)

### Determining the Wireless Network Settings

You need to know the settings for the wireless network to set up the wireless printer. For details of the settings, contact your network administrator.

Wireless Settings	SSID	Specifies the name that identifies the wireless network with up to 32 alphanumeric characters.
	Network Mode	Specifies the network mode from Ad-hoc or Infrastructure.
Security Settings	Security	Selects the encryption type from No Security, Mixed mode PSK <sup>*</sup> , WPA-PSK-TKIP, WPA2-PSK-AES, and WEP.
	Transmit Key	Specifies the transmit key from the list.
	WEP Key	Specifies the WEP key used through the wireless network only when WEP is selected as the encryption type.
	Passphrase	Specifies the passphrase of alphanumeric characters from 8 to 63 bytes long and the hexadecimal characters of 64 bytes long only when Mixed mode PSK <sup>*</sup> , or WPA2-PSK-AES is selected as the encryption type.
* Mixed mode PSK automatically selects an available encryption type from WPA-PSK-TKIP, WPA-PSK-AES, or WPA2-PSK-AES.		


You can select a method to configure the Wireless Connection from the following:


- Wizard Setup through Dell Printer Easy Install
- WPS-PBC<sup>\*1\*3</sup>
- WPS-PIN<sup>\*2\*3</sup>
- Auto SSID Setup
- Manual SSID Setup
- Dell Printer Configuration Web Tool

\*1 WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration) is a method to authenticate and register devices required for wireless configuration, by pressing the button provided on the access point via wireless routers, and then performing WPS-PBC setting on the operator panel. This setting is available only when the access point supports WPS.

\*2 WPS-PIN (Wi-Fi Protected Setup-Personal Identification Number) is a method to authenticate and register devices required for wireless configuration, by entering PIN assignments in the printer and computer. This setting, performed through access point, is available only when the access points of your wireless router supports WPS.

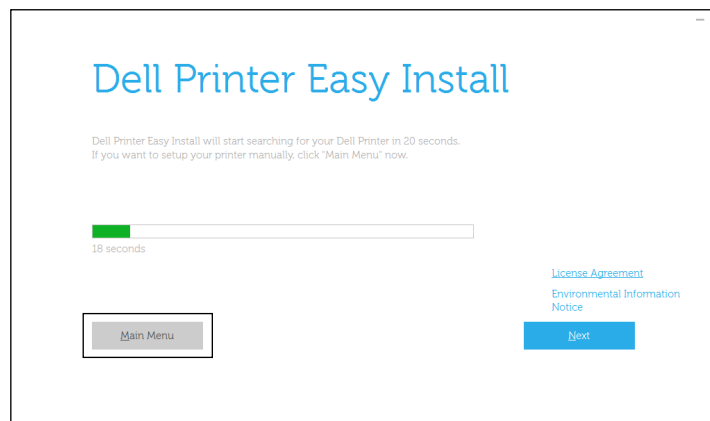
\*3 WPS 2.0 compliant. WPS 2.0 works on access points with the following encryption types: Mixed mode PSK, WPA-PSK AES, WPA2-PSK AES, WPA-PSK TKIP, Open (No Security)

 **NOTE:** If Panel Lock Control is set to Enable, you need to enter the four-digit password to enter the Admin Settings menu.

 **NOTE:** For details about using WPA-Enterprise-AES or WPA2-Enterprise-AES, see "Using Digital Certificates."

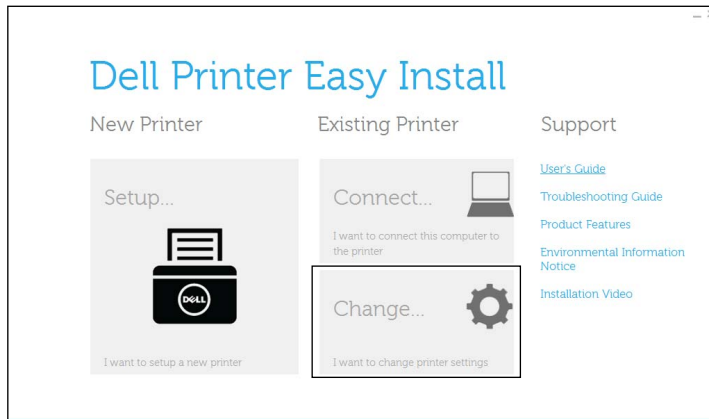
## Configuring the Wireless Settings Using Dell Printer Easy Install

- 1 Insert the *Software and Documentation* disc provided with the printer into your computer. The **Dell Printer Easy Install** program launches automatically.
- 2 Click **Main Menu**.

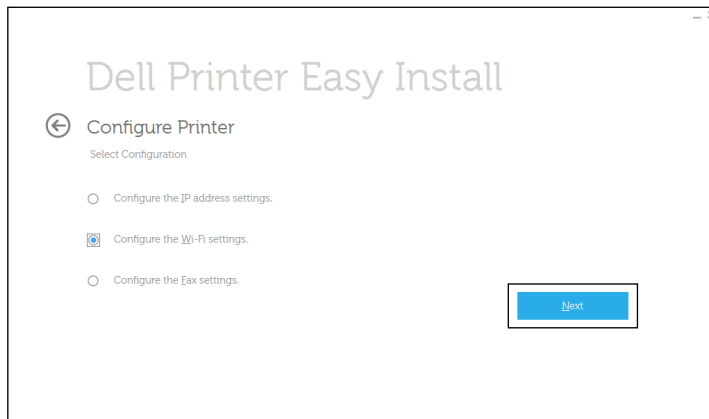




**3** Click **Change**.



**4** Select **Configure the Wi-Fi settings**, and then click **Next**.





**5** Follow the on-screen instructions, and configure the wireless settings of the printer.


For **WPS-PBC**, **WPS-PIN**, **Auto SSID Setup**, **Manual SSID Setup**, and **Dell Printer Configuration Web Tool**, see the following instructions.

## Configuring the Wireless Settings Without Using Dell Printer Easy Install

### WPS-PBC

 **NOTE:** WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration) is a method to authenticate and register devices required for wireless configuration by pressing the button provided on the access point via wireless routers, and then performing WPS-PBC setting on the operator panel. This setting is available only when the access point supports WPS.


 **NOTE:** Before starting WPS-PBC, confirm the position of the WPS button (button name may vary) on the wireless LAN access point. For information about WPS operation on the wireless LAN access point, refer to the manual supplied with the wireless LAN access point.


- 1 Press the  (Information) button.
- 2 Tap the `Tools` tab, and then tap `Admin Settings`.
- 3 Tap `Network`.
- 4 Tap `Wi-Fi`.
- 5 Tap `WPS Setup`.
- 6 Tap `Push Button Configuration`.
- 7 Tap `Start Configuration`.


Ensure that the message `Push WPS Button on router` is displayed, and start the WPS-PBC on the wireless LAN access point (Registrar) within 2 minutes.

- 8 When the WPS operation is successful and the printer is rebooted, wireless LAN connection setting is completed.

### WPS-PIN



 **NOTE:** WPS-PIN (Wi-Fi Protected Setup-Personal Identification Number) is a method to authenticate and register devices required for wireless configuration by entering PIN assignments to a printer and computer. This setting, performed through an access point, is available only when the access points of your wireless router support WPS.


- 1 Press the  (Information) button.
- 2 Tap the `Tools` tab, and then tap `Admin Settings`.
- 3 Tap `Network`.
- 4 Tap `Wi-Fi`.
- 5 Tap `WPS Setup`.
- 6 Tap `PIN Code`.
- 7 Write down the displayed 8-digit PIN code or tap `Print PIN Code`. The PIN code is printed.
- 8 Tap `Start Configuration`.
- 9 Ensure that the message `Operate Wireless Router` is displayed, and enter the PIN code displayed on step 7 into the wireless LAN access point (Registrar).

 **NOTE:** For WPS operation on the wireless LAN access point, refer to the manual supplied with the wireless LAN access point.

- 10 When the WPS operation is successful and the printer is rebooted, wireless LAN connection setting is completed.


### Auto SSID Setup

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Network.
- 4 Tap Wi-Fi.
- 5 Tap Wi-Fi Setup Wizard.  
The printer automatically searches the access points on wireless network.
- 6 Tap  until the desired access point appears, and then select the access point.  
If the desired access point does not appear, go to "Manual SSID Setup."

 **NOTE:** Some hidden SSID may not be displayed. If the SSID is not detected turn on SSID broadcast from the router.


- 7 Tap Next.
- 8 Enter the WEP key or passphrase.  
When the encryption type of the selected access point is WEP in step 6:
  - a Tap the WEP Key text box, and then enter the WEP key.
  - b Tap OK.When the encryption type of the selected access point is WPA, WPA2 or Mixed in step 6:
  - a Tap the Passphrase text box, and then enter the passphrase.
  - b Tap OK.
- 9 The Restart System screen appears.
- 10 Turn off the printer, and turn it on again to apply the settings.  
Wireless LAN connection setting is complete.

### Manual SSID Setup


- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Network.
- 4 Tap Wi-Fi.
- 5 Tap Wi-Fi Setup Wizard.
- 6 Tap the Manual SSID Setup check box, and then tap Next.
- 7 Enter the SSID, and then tap Next.
- 8 Select the network mode from Infrastructure and Ad-hoc depending on your environment, and then tap Next.  
If you select Infrastructure, proceed to step 9.  
If you select Ad-hoc, proceed to step 10.

- 9 Select the encryption type from `No Security`, `Mixed mode PSK`, `WPA2-PSK-AES`, or `WEP`.


If you do not set security for your wireless network:

- a Tap  until `No Security` appears, and then tap `No Security`.
- b Tap `OK`.

To use `Mixed mode PSK` or `WPA2-PSK-AES` encryption:

- a Tap  until `Mixed mode PSK`, or `WPA2-PSK-AES` appears, and then tap the desired encryption type.
- b Tap the `Passphrase` text box, and then enter the passphrase.
- c Tap `OK`.


To use `WEP` encryption:

- a Tap  until `WEP` appears, and then tap `WEP`.
- b Tap the `WEP Key` text box, and then enter the `WEP` key.
- c Tap `Transmit Key`, and then select the desired transmit key from `Auto` or `WEP Key 1` to `WEP Key 4`.
- d Tap `OK`.


Proceed to step 11.

- 10 Select the encryption type from `No Security` or `WEP`.

If you do not set security for your wireless network:

- a Tap  until `No Security` appears, and then tap `No Security`.
- b Tap `OK`.

To use `WEP` encryption:


- a Tap  until `WEP` appears, and then tap `WEP`.
- b Tap the `WEP Key` text box, and then enter the `WEP` key.
- c Tap `Transmit Key`, and then select the desired transmit key from `Auto` or `WEP Key 1` to `WEP Key 4`.
- d Tap `OK`.

- 11 The **Restart System** screen appears.

- 12 Turn off the printer, and turn it on again to apply the settings.


Wireless LAN connection setting is complete.

### Dell Printer Configuration Web Tool

 **NOTE:** For details about using `WPA-Enterprise-AES` or `WPA2-Enterprise-AES`, see "Using Digital Certificates."

- 1 Ensure that the printer is turned off.
- 2 Connect the printer to the network with an Ethernet cable.  
For details about how to connect the Ethernet cable, see "Connecting to a Computer or a Network."
- 3 Turn on the printer.
- 4 Launch the **Dell Printer Configuration Web Tool** by entering the IP address of the printer in your web browser.
- 5 Click **Print Server Settings**.
- 6 Click **Print Server Settings** tab.
- 7 Click **Wi-Fi**.
- 8 Enter the SSID in the **SSID** text box.
- 9 Select **Ad-Hoc** or **Infrastructure** in the **Network Type** drop-down list box.

10 Select the encryption type from **No Security**, **WEP**, **WPA-PSK-AES/WEP2-PSK AES**, and **Mixed Mode PSK** in the **Encryption** drop-down list box, and then set each item for the encryption type selected.


 **NOTE:** For details on each item, see "Dell™ Printer Configuration Web Tool."

11 Click **Apply New Settings** to apply the settings.


12 Turn off the printer, disconnect the Ethernet cable and turn it on again.  
Wireless LAN connection setting is complete.



### Reconfiguring the Wireless Settings

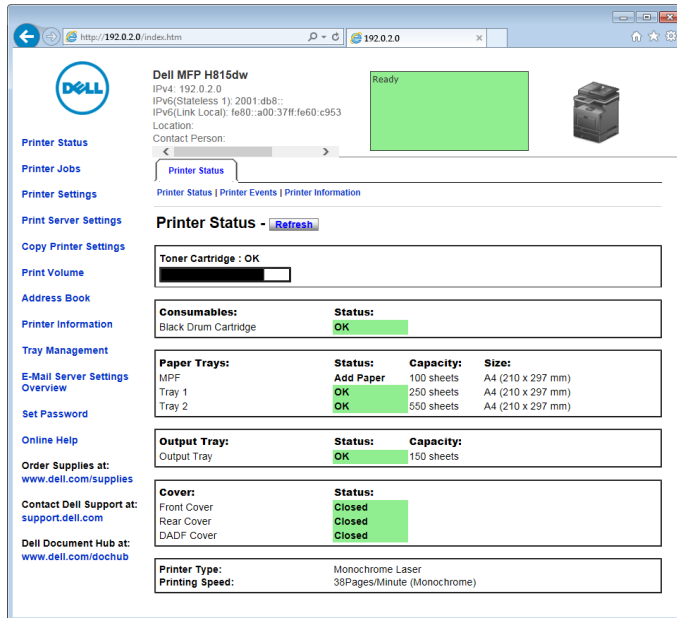
To change the wireless settings from your computer, perform the following.

 **NOTE:** To change the wireless settings through wireless connection, ensure that the wireless connection setting is completed in "Configuring the Wireless Settings."

### Reconfiguring the Wireless Settings Using Dell Printer Configuration Web Tool


 **NOTE:** The following settings are available when the network mode is set to infrastructure in "Configuring the Wireless Settings."

- 1 Check the IP address of the printer.
  - a Press the  (**Information**) button.
  - b Tap **About This MFP**.
  - c Tap the **Network** tab.
  - d Tap  button until **IP (v4) Address** appears, and then check the IP address displayed in the **IP (v4) Address**.
- 2 Launch the **Dell Printer Configuration Web Tool** by entering the IP address of the printer in your web browser.



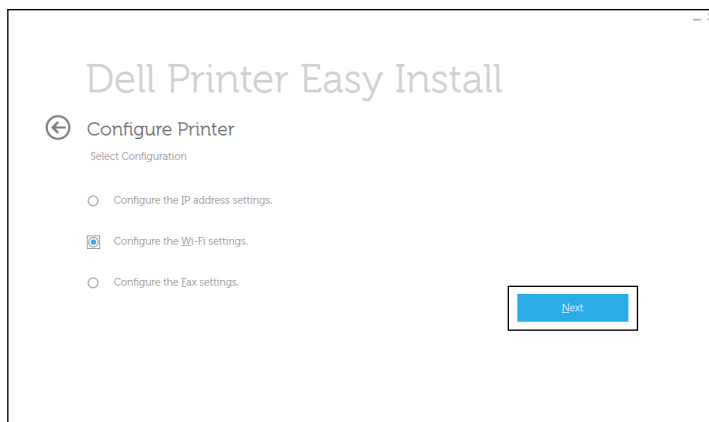
- 3 Click **Print Server Settings**.
- 4 Click **Print Server Settings** tab.
- 5 Click **Wi-Fi**.
- 6 Change the wireless settings of the printer.

- 7 Reboot the printer.
- 8 Change the wireless settings on your computer or access point accordingly.

 **NOTE:** To change the wireless settings on your computer, refer to the manuals provided with the wireless adapter or if your computer provides a wireless adapter tool, change the wireless settings using that tool.

### Reconfiguring the Wireless Settings Using Dell Printer Easy Install

- 1 Insert the *Software and Documentation* disc provided with the printer into your computer. The **Dell Printer Easy Install** program launches automatically.
- 2 Click **Main Menu**.
- 3 Click **Change**.  
The **Configure Printer** window appears.
- 4 Select **Configure the Wi-Fi settings**, and then click **Next**.



- 5 Follow the on-screen instructions, and change the wireless settings of the printer.

### Reconfiguring the Wireless Settings Using Configuration Tool

- 1 Click **Start** → **All Programs** → **Dell Printers** → **Dell Printer Hub** or **Dell Printer Management Tool**.  
For Windows® 10: Click the **Start** button → **Dell Printer Hub** or **Dell Printer Management Tool**.
- 2 For **Dell Printer Hub**, select the printer from **My Printers** on the home screen.  
For **Dell Printer Management Tool**, select the printer displayed by default, or another printer from the drop-down list on the upper-right corner of the home screen.
- 3 Click the shortcut to the **Configuration Tool** on the left of the screen.
- 4 Select **Configure the wireless network settings**, and click **Next**.
- 5 Follow the on-screen instructions, and change the wireless settings of the printer.

# Setting the IP Address

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

## Assigning an IP Address


An IP address is a unique number that consists of four sections that are delimited by a period and can include up to three digits in each section, for example, 111 . 222 . 33 . 44.


You can select the IP mode from Dual Stack, IPv4, and IPv6. If your network supports both IPv4 and IPv6, select Dual Stack.

Select the IP mode of your environment, and then set IP address, subnet mask (for IPv4 only), and gateway address.

 **CAUTION:** Assigning an IP address that is already in use can cause network performance issues.

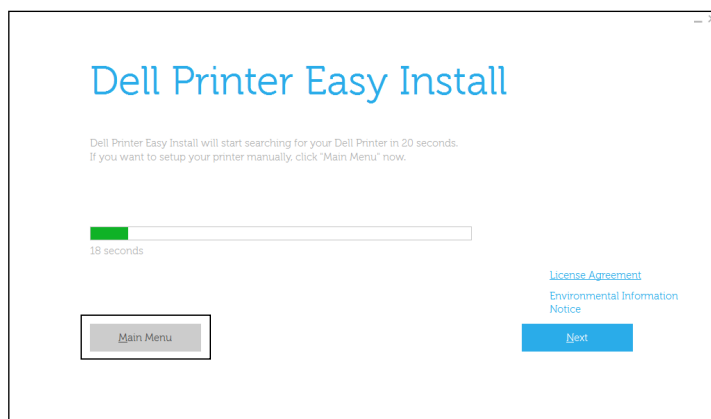
 **NOTE:** Assigning an IP address is considered as an advanced function and is normally done by a system administrator.

 **NOTE:** When you assign an IP address manually in IPv6 mode, use the **Dell Printer Configuration Web Tool**. To display the **Dell Printer Configuration Web Tool**, use the link-local address. To confirm the link-local address, print a system settings report and check the **Link-Local Address** under **Network (Wired)** or **Network (Wireless)**.  
For details about how to print a system settings report, see "Report / List."

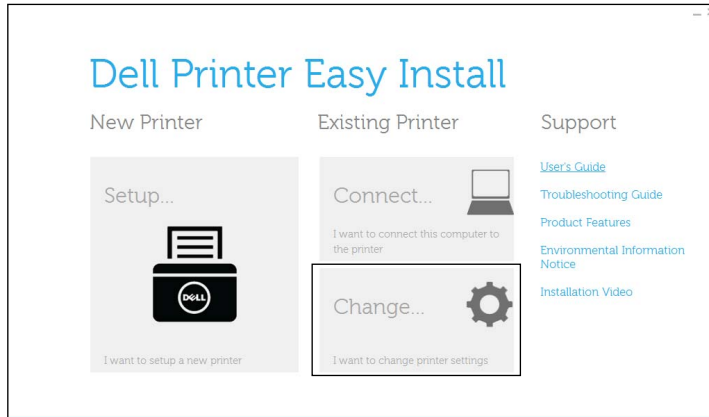
 **NOTE:** If Panel Lock Control is set to Enable, you need to enter the four-digit password to enter the Admin Settings menu.

### When Using the Dell Printer Easy Install

- 1 Insert the *Software and Documentation* disc provided with the printer into your computer. The **Dell Printer Easy Install** program launches automatically.
- 2 Click **Main Menu**.

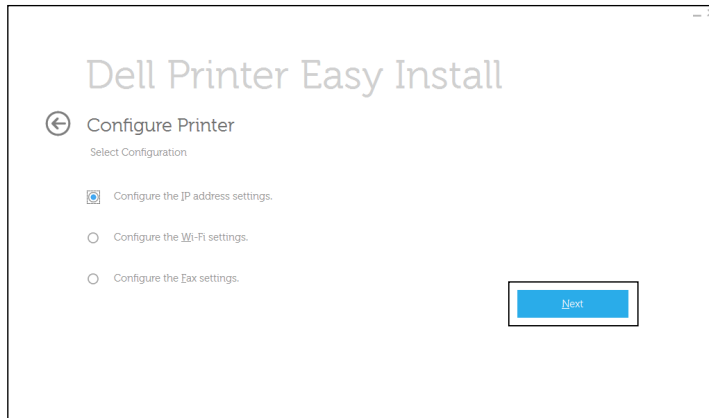


- 3 Click **Change**.



The **Configure Printer** window appears.

- 4 Select **Configure the IP address settings**, and then click **Next**.



- 5 Follow the instructions displayed on the screen.

### When Using the Operator Panel

For more information on using the operator panel, see "Operator Panel."

- 1 Press the **i** (**Information**) button.
- 2 Tap the **Tools** tab, and then tap **Admin Settings**.
- 3 Tap **Network**.
- 4 Do either of the following:

*When connecting to network with the Ethernet cable:*





Tap **Ethernet**.

*When connecting to network through wireless connection (Dell Cloud Multifunction Printer / H815dw only):*

Tap **Wi-Fi**.

- 5 Tap **IP Mode**.
- 6 Tap **IPv4 Mode**, and then tap **OK**.



- 7 Tap  until TCP / IP appears, and then tap TCP / IP.
  - 8 Tap Get IP Address.
  - 9 Tap Panel, and then tap OK.
  - 10 Tap IP Address.  
The cursor is located at the first octet of the IP address.
  - 11 Use the number pad to enter the first octet of the IP address, and then tap  .  
The cursor moves to the next digit.
-  **NOTE:** You can only enter one octet at a time and must tap  after entering each octet.
- 12 Enter the rest of the octets, and then tap OK.
  - 13 Tap Subnet Mask.
  - 14 Repeat steps 11 and 12 to set Subnet Mask.
  - 15 Tap Gateway Address.
  - 16 Repeat steps 11 and 12 to set Gateway Address.
  - 17 Turn off the printer, and then turn it on again.

### When Using the Tool Box


- 1 Click Start → All Programs → Dell Printers → Dell Printer Hub or Dell Printer Management Tool.  
For Windows® 10: Click the Start button → Dell Printer Hub or Dell Printer Management Tool.
- 2 For Dell Printer Hub, select the printer from My Printers on the home screen.  
For Dell Printer Management Tool, select the printer displayed by default, or another printer from the drop-down list on the upper-right corner of the home screen.
- 3 Click the shortcut to the Tool Box on the left of the screen.  
The Tool Box opens.
- 4 Click the Printer Maintenance tab.
- 5 Select TCP/IP Settings from the list at the left side of the page.  
The TCP/IP Settings page appears.
- 6 Select the mode from IP Address Mode, and then enter the values in IP Address, Subnet Mask, and Gateway Address.
- 7 Click Apply New Settings to take effect.

You can also assign the IP address to the printer when installing the printer drivers with the installer. When you use the **Wireless or Ethernet Connection** feature, and the Get IP Address is set to AutoIP or DHCP on the printer, you can set the IP address from 0.0.0.0 to the desired IP address on the printer selection window.

## Verifying the IP Settings

You can confirm the settings by using the operator panel, printing the system settings report, or using the ping command.

### Verifying the Settings Using Operator Panel

- 1 Press the  (Information) button.
- 2 Tap About This MFP.

- 3 Tap the `Network` tab.
- 4 Verify the IP address displayed in `IP (v4) Address`.

### **Verifying the Settings Using System Settings Report**

- 1 Print the system settings report.  
For details about how to print a system settings report, see "Report / List."
- 2 Verify the correct IP address, subnet mask, and gateway address are listed in the system settings report under **Network (Wired)** or **Network (Wireless)**.  
If the IP address shows `0 . 0 . 0 . 0` (the factory default), an IP address has not been assigned. To assign one for your printer, see "Assigning an IP Address."

### **Verifying the Settings Using Ping Command**


Send a ping request to the printer and verify that it responds. For example, at a command prompt on a network computer, type "ping" followed by the new IP address (for example, `192.0.2.0`):


```
ping 192.0.2.0
```

If the printer is active on the network, you will receive a reply.

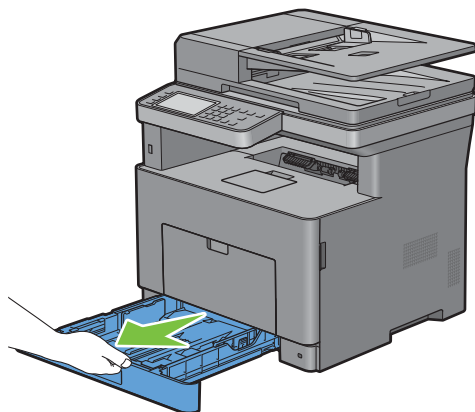
## Loading Paper

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

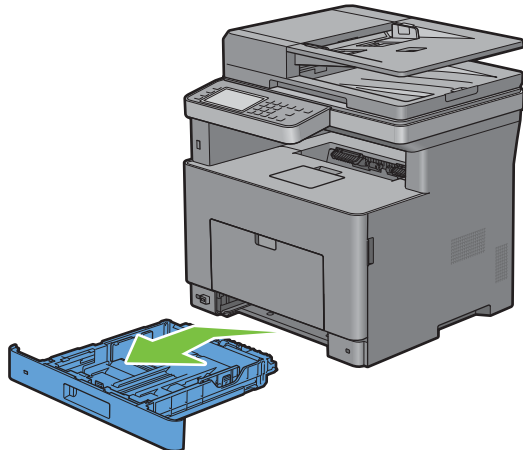
 **NOTE:** To avoid paper jams, do not remove the tray while printing is in progress.

 **NOTE:** The *Software and Documentation* disc also contains video instructions. In the main menu window of **Dell Printer Easy Install**, click **Installation Video**.

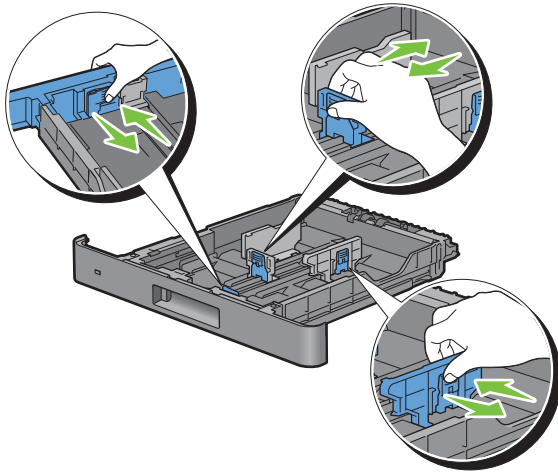
- 1 Pull the tray out of the printer about 200 mm.




- 2 Hold the tray with both hands, and remove it from the printer.

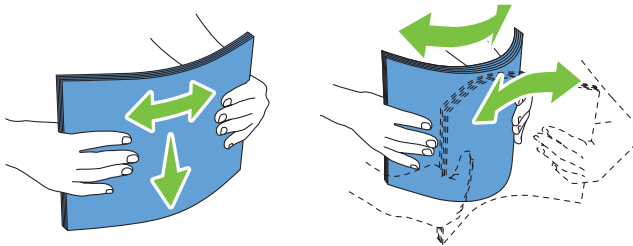


- 3 Adjust the paper guides.




 **NOTE:** Extend the front side of the tray when you load Legal-size paper.

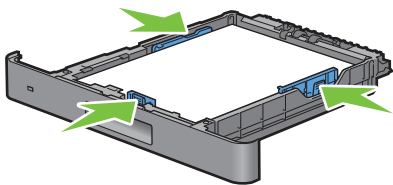
- 4 Before loading the print media, flex the sheets and fan them. Straighten the edges of the stack on a level surface.




- 5 Load the print media into the tray with the recommended print side facing up.

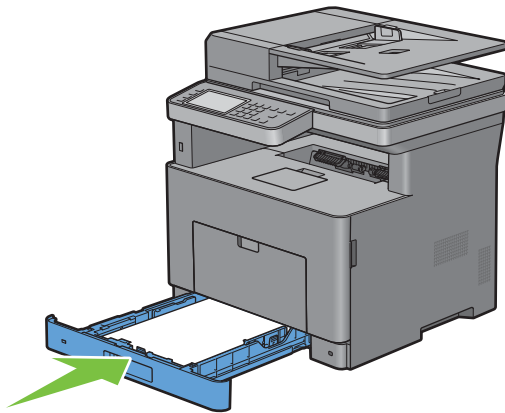
 **NOTE:** Do not exceed the maximum fill line in the tray. Overfilling the tray may cause paper jams.

- 6 Align the width guides against the edges of the paper.

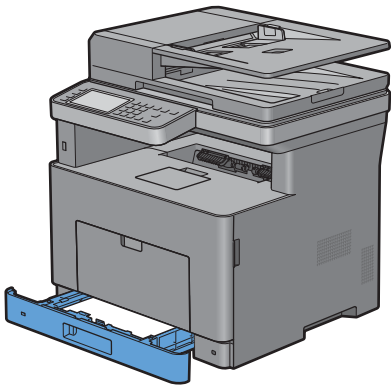


 **NOTE:** When loading user-specified print media, adjust the width guides and slide the extendable part of the tray by pinching the length guide and sliding it until it rests lightly against the edge of the paper.

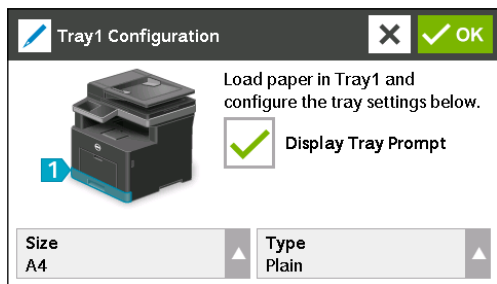
- 7 After confirming that the guides are securely adjusted, insert the tray into the printer.



**NOTE:** If the front side of the tray is extended, the tray protrudes when it is inserted into the printer.



- 8 On the touch panel, tap Size.



**NOTE:** Set the same paper size and type as the actual paper being loaded. An error may occur if the paper size or type setting is different from the loaded paper.

- 9 Select  until the desired paper size appears, and then select the desired paper size.
- 10 Tap Type.
- 11 Select  until the desired paper type appears, and then select the desired paper type.
- 12 Select OK.



# Installing Printer Drivers on Windows® Computers

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

## Identifying Printer Driver Pre-install Status

Before installing the printer driver on your computer, check the IP address of your printer by performing one of the procedures in "Verifying the IP Settings."

### Changing the firewall settings before installing your printer

If you are running one of the following operating systems, you must change the firewall settings before installing the Dell™ printer software:

- Microsoft® Windows Vista®
- Windows® 7
- Windows® 8
- Windows® 8.1
- Windows Server® 2008
- Windows Server® 2008 R2
- Windows Server® 2012
- Windows Server® 2012 R2
- Windows® 10

The following procedure uses Windows® 7 as an example.

- 1 Insert the *Software and Documentation* disc into your computer.
- 2 Click **Start** → **Control Panel**.
- 3 Select **System and Security**.
- 4 Click **Allow a program through Windows Firewall**.
- 5 Click **Change settings** → **Allow another program**.
- 6 Check **Browse**.
- 7 Type `D:\setup.exe` (where D is the drive letter of the optical drive) in the **File name** text box, and then click **Open**.
- 8 Click **Add**, and then click **OK**.

## Starting Dell Printer Easy Install

- 1 Insert the *Software and Documentation* disc provided with the printer into your computer. The **Dell Printer Easy Install** program launches automatically.

 **NOTE:** If the **Dell Printer Easy Install** program does not launch automatically, follow the procedure below.

For Windows Server® 2008 and Windows Server® 2008 R2

Click **start** → **Run**, enter `D:\setup.exe` (where D is the drive letter of the optical drive) in the Run dialog box, and then click **OK**.

For Windows Vista® and Windows® 7

Click **Start** → **All Programs** → **Accessories** → **Run**, enter `D:\setup.exe` (where D is the drive letter of the optical drive) in the Run dialog box, and then click **OK**.

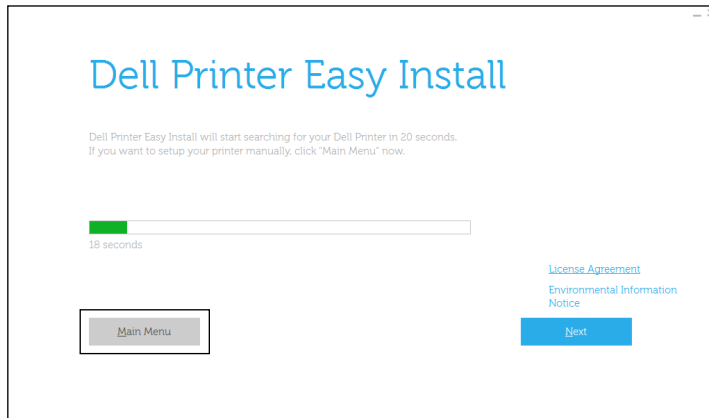
For Windows® 8, Windows® 8.1, Windows Server® 2012, and Windows Server® 2012 R2

Point to the top or bottom right corner of the screen, and then click **Search** → Type **Run** in the search box, click **Apps** (for Windows® 8 and Windows Server® 2012 only), and then click **Run** → Type **D:\setup.exe** (where D is the drive letter of the optical drive), and then click **OK**.

For Windows® 10


Right-click the Start button, and then click **Run** → Type **D:\setup.exe** (where D is the drive letter of the optical drive), and then click **OK**.

## 2 Click Main Menu.



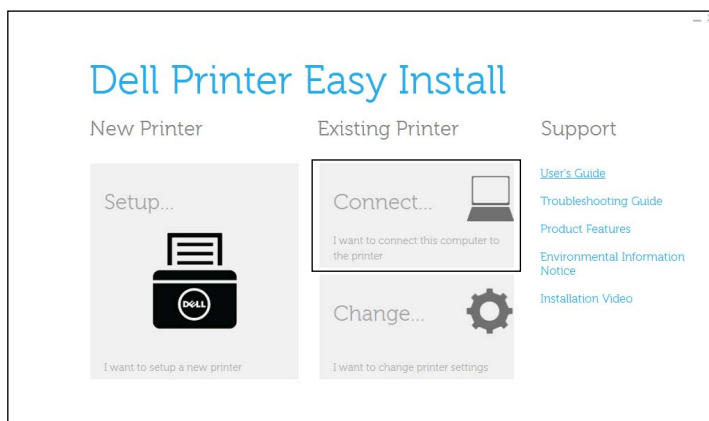
The main menu window appears.

## USB Cable Connection Setup

 **NOTE:** If you are connecting the printer to a network, see "Network Connection Setup."

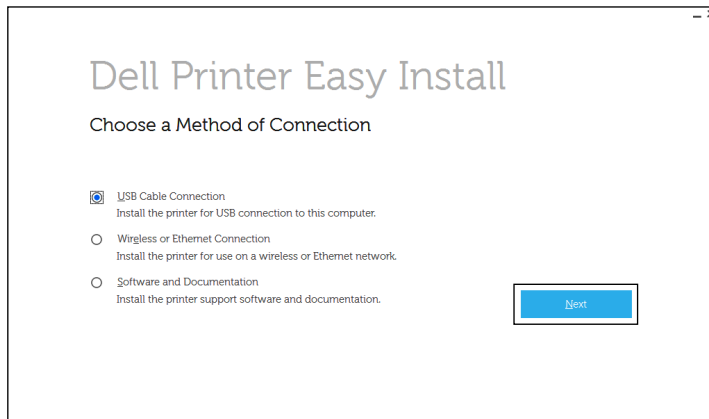
### For installing PCL, PS and Fax printer driver

- 1 Start the **Dell Printer Easy Install** program, following the procedures shown in "Starting Dell Printer Easy Install."
- 2 In the main menu window of **Dell Printer Easy Install**, click **Connect**.






- 3 Select **USB Cable Connection**, and then click **Next**.



- 4 Follow the on-screen instructions to connect the computer and the printer with a USB cable, and then turn the printer on.  
The Plug and Play installation starts and the installation software proceeds to the next page automatically.
- 5 Select either **Typical Installation (recommended)** or **Custom Installation** from the installation wizard, and then click **Next**. If you select **Custom Installation**, you can select the specific software you want to install.
- 6 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears.  
If you want to verify installation, click **Print Test Page** before clicking **Finish**.

#### For installing XML Paper Specification (XPS) printer driver

 **NOTE:** XML Paper Specification (XPS) driver is supported on Windows Vista® or later.

 **NOTE:** If you are using Windows Vista® or Windows Server® 2008, you need to install Service Pack 2 or later, and then the Windows® Platform Update (KB971644). The update (KB971644) is available for download from Windows Update.

#### Windows Vista® or Windows Vista® 64-bit Edition

- 1 Extract the following zip file to your desired location.  
D:\Drivers\XPS\Win\_7Vista\XPS-V3\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)
- 2 Click **Start**→ **Control Panel**→ **Hardware and Sound**→ **Printers**.
- 3 Click **Add a printer**.
- 4 Click **Add a local printer**.
- 5 Select the port connected to this product, and then click **Next**.
- 6 Click **Have Disk** to display the **Install From Disk** dialog box.
- 7 Click **Browse**, and then select the inf file in the folder extracted in step 1.
- 8 Click **OK**.
- 9 Select your printer name and click **Next**.
- 10 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**. To use this printer as the default printer, select the check box displayed under the **Printer name**, and then click **Next**.  
Installation starts.


If the **User Account Control** dialog box appears, click **Continue**.

 **NOTE:** If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.

**11** As the driver installation is completed, click **Print a test page** to verify installation.

**12** Click **Finish**.

#### Windows Server® 2008 or Windows Server® 2008 64-bit Edition

 **NOTE:** You must log in as an administrator.

**1** Extract the following zip file to your desired location.

D:\Drivers\XPS\Win\_7Vista\XPS-V3\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)

**2** Click **Start**→ **Control Panel**→ **Hardware and Sound**→ **Printers**.

**3** Click **Add a printer**.

**4** Click **Add a local printer**.

**5** Select the port connected to this product, and then click **Next**.

**6** Click **Have Disk** to display the **Install From Disk** dialog box.

**7** Click **Browse**, and then select the inf file in the folder extracted in step 1.

**8** Click **OK**.

**9** Select your printer name and click **Next**.

**10** To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.

To use this printer as the default printer, select the **Set as the default printer** check box, and then click **Next**.

**11** If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**.

**12** Click **Next**.

Installation starts.

**13** As the driver installation is completed, click **Print a test page** to verify installation.

**14** Click **Finish**.

#### Windows® 7, Windows® 7 64-bit Edition, or Windows Server® 2008 R2

**1** Extract the following zip file to your desired location.

D:\Drivers\XPS\Win\_7Vista\XPS-V3\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)

**2** Click **Start**→ **Devices and Printers**.

**3** Click **Add a printer**.

When you use Windows Server® 2008 R2, click **Add a local or network printer as an administrator**.

If the **User Account Control** dialog box appears, click **Yes**.

 **NOTE:** If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.

**4** Click **Add a local printer**.

**5** Select the port connected to this product, and then click **Next**.

**6** Click **Have Disk** to display the **Install From Disk** dialog box.

**7** Click **Browse**, and then select the inf file in the folder extracted in step 1.

**8** Click **OK**.

- 9 Select your printer name and click **Next**.
- 10 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**. Installation starts.
- 11 If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**.
- 12 Click **Next**.
- 13 As the driver installation is completed, click **Print a test page** to verify installation. To use this printer as the default printer, select the **Set as the default printer** check box.
- 14 Click **Finish**.

**Windows® 8, Windows® 8 64-bit Edition, Windows® 8.1, Windows® 8.1 64-bit Edition, Windows Server® 2012, or Windows Server® 2012 R2**


- 1 Extract the following zip file to your desired location.  
D:\Drivers\XPS\Win\_8\XPS-V4\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)
- 2 On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel**.
- 3 Click **Hardware and Sound** (**Hardware** for Windows Server® 2012/Windows Server® 2012 R2) → **Devices and Printers** → **Add a printer**.
- 4 Click **The printer that I want isn't listed**.
- 5 Select **Add a local printer or network printer with manual settings**, and then click **Next**.
- 6 Select the port connected to your printer, and then click **Next**.
- 7 Click **Have Disk** to display the **Install From Disk** dialog box.
- 8 Click **Browse**, and then select the inf file in the folder extracted in step 1.
- 9 Click **OK**.
- 10 Select your printer name and click **Next**.
- 11 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**. Installation starts.
- 12 If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**. Click **Next**.
- 13 As the driver installation is completed, click **Print a test page** to verify installation. To use this printer as the default printer, select the **Set as the default printer** check box.
- 14 Click **Finish**.

**Windows® 10**

- 1 Extract the following zip file to your desired location.  
D:\Drivers\XPS\Win\_8\XPS-V4\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)
- 2 Right-click the Start button, and then click **Control Panel**.
- 3 Click **Hardware and Sound** → **Devices and Printers** → **Add a printer**.
- 4 Click **The printer that I want isn't listed**.
- 5 Select **Add a local printer or network printer with manual settings**, and then click **Next**.
- 6 Select the port connected to this product, and then click **Next**.
- 7 Click **Have Disk** to display the **Install From Disk** dialog box.
- 8 Click **Browse**, and then select the inf file in the folder extracted in step 1.

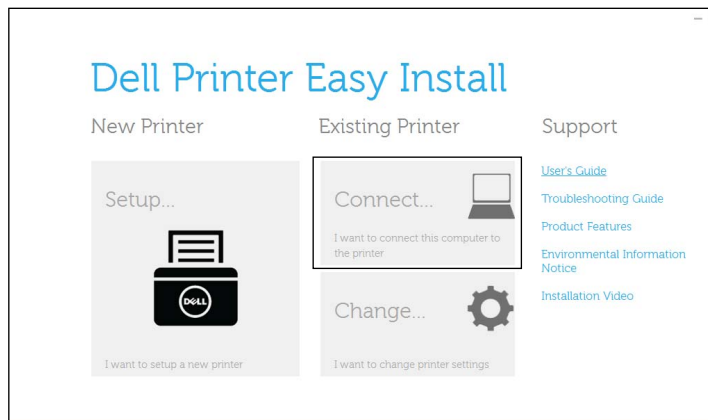
- 9 Click **OK**.
- 10 Select your printer name and click **Next**.
- 11 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**. Installation starts.
- 12 If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**. Click **Next**.
- 13 As the driver installation is completed, click **Print a test page** to verify installation. To use this printer as the default printer, select the **Set as the default printer** check box.
- 14 Click **Finish**.

## Network Connection Setup

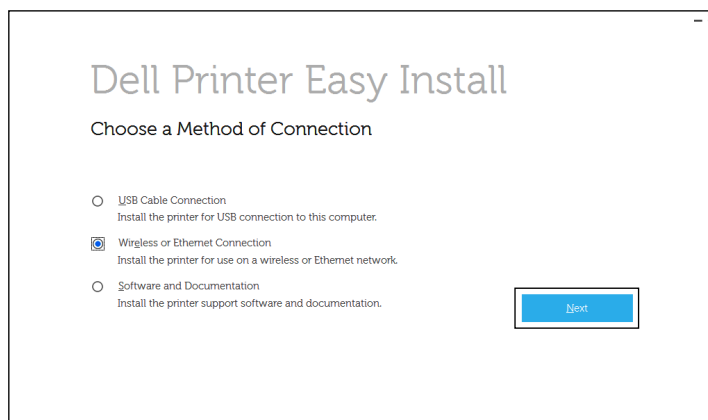
 **NOTE:** To use this printer in a Linux environment, you need to install a Linux driver. For more information on how to install and use these, see "Installing Printer Drivers on Linux Computers (CUPS)."


### For installing PCL, PS and Fax printer driver

- 1 Start the **Dell Printer Easy Install** program, following the procedures shown in "Starting Dell Printer Easy Install."
- 2 In the main menu window of **Dell Printer Easy Install**, click **Connect**.





- 3 Select **Wireless or Ethernet Connection**, and then click **Next**.



- 4 Select the printer you want to install from the printer list, and then click **Next**. If the target printer is not displayed on the list, click the  (Refresh) button to refresh the list or click **add printer manually** to add a printer to the list manually. You may specify the IP address and port name at this point.


If you have installed this printer on the server computer, select the **I am setting up this printer on a server** check box.

 **NOTE:** When using AutoIP, 0 . 0 . 0 . 0 is displayed in the installer. Before you can continue, you must enter a valid IP address.

 **NOTE:** If **Windows Security Alert** is displayed in this step, select **Unblock** or **Allow access**, and then continue the procedure.

- 5 Specify the printer settings, and then click **Next**.
  - a Enter the printer name.
  - b If you want to set the printer as the default printer, select the **Set this printer as default** check box.
  - c If you want to install the PostScript 3 Compatible printer driver, select the **PS Driver** check box. If you want to install the Fax Driver, select the **Fax Driver** check box.
  - d If you want other users on the network to access the printer, select **Share this printer with other computers on the network**, and then enter a share name that users can identify.
- 6 Select the software and documentation you want to install, and then click **Install**. If you want to change the installation destination, click **Change Destination Folder** and specify a new location.
- 7 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears. If you want to verify installation, click **Print Test Page** before clicking **Finish**.

#### For installing XML Paper Specification (XPS) printer driver

 **NOTE:** XML Paper Specification (XPS) driver is supported on Windows Vista® or later.

#### Windows Vista® or Windows Vista® 64-bit Edition

- 1 Extract the following zip file to your desired location.  
D:\Drivers\XPS\Win\_7Vista\XPS-V3\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)
- 2 Click **Start**→**Control Panel**→**Hardware and Sound**→**Printers**.
- 3 Click **Add a printer**.
- 4 Click **Add a network, wireless or Bluetooth printer**.
- 5 Select printer and click **Next**, or click **The printer that I want isn't listed**.
- 6 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.
- 7 Select **TCP/IP Device** from **Device type**, and enter the IP address for **Hostname or IP address**, and then click **Next**.

If the **User Account Control** dialog box appears, click **Continue**.

 **NOTE:** If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.


- 8 Click **Have Disk** to display the **Install From Disk** dialog box.
- 9 Click **Browse**, and then select the inf file in the folder extracted in step 1.
- 10 Click **OK**.
- 11 Select your printer name and click **Next**.

- 12 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.  
To use this printer as the default printer, select the **Set as the default printer** check box, and then click **Next**.  
Installation starts.

- 13 As the driver installation is completed, click **Print a test page** to verify installation.

- 14 Click **Finish**.

#### Windows Server® 2008 or Windows Server® 2008 64-bit Edition

 **NOTE:** You must log in as an administrator.

- 1 Extract the following zip file to your desired location.

D:\Drivers\XPS\Win\_7Vista\XPS-V3\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)

- 2 Click **Start**→ **Control Panel**→ **Hardware and Sound**→ **Printers**.

- 3 Click **Add a printer**.

- 4 Click **Add a network, wireless or Bluetooth printer**.

- 5 Select printer and click **Next**, or click **The printer that I want isn't listed**.

When you select your printer, go to step 8.

When you click **The printer that I want isn't listed**, go to step 6.

- 6 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.

- 7 Select **TCP/IP Device** from **Device type**, and enter the IP address for **Hostname or IP address**, and then click **Next**.

If the **User Account Control** dialog box appears, click **Continue**.

 **NOTE:** If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.

- 8 Click **Have Disk** to display the **Install From Disk** dialog box.

- 9 Click **Browse**, and then select the inf file in the folder extracted in step 1.

- 10 Click **OK**.

- 11 Select your printer name and click **Next**.

- 12 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.

To use this printer as the default printer, select the **Set as the default printer** check box, and then click **Next**.

- 13 If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**.

- 14 Click **Next**.

Installation starts.

- 15 As the driver installation is completed, click **Print a test page** to verify installation.


- 16 Click **Finish**.

#### Windows Server® 2008 R2


- 1 Extract the following zip file to your desired location.

D:\Drivers\XPS\Win\_7Vista\XPS-V3\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)


- 2 Click **Start**→ **Devices and Printers**.

- 3 Click **Add a printer**.
- 4 Click **Add a network, wireless or Bluetooth printer**.
- 5 Select printer and click **Next**, or click **The printer that I want isn't listed**.
  -  **NOTE:** When you click **The printer that I want isn't listed**, **Find a printer by name or TCP/IP address** screen appears. Find your printer on the screen.

If the **User Account Control** dialog box appears, click **Continue**.

  -  **NOTE:** If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.
- 6 Click **Have Disk** to display the **Install From Disk** dialog box.
- 7 Click **Browse**, and then select the inf file in the folder extracted in step 1.
- 8 Click **OK**.
- 9 Select your printer name and click **Next**.
- 10 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.  
To use this printer as the default printer, select the **Set as the default printer** check box, and then click **Next**.
- 11 If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**.
- 12 Click **Next**.  
Installation starts.
- 13 As the driver installation is completed, click **Print a test page** to verify installation.
- 14 Click **Finish**.

#### Windows® 7 or Windows® 7 64-bit Edition

- 1 Extract the following zip file to your desired location.  
D:\Drivers\XPS\Win\_7Vista\XPS-V3\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)
- 2 Click **Start**→ **Devices and Printers**.
- 3 Click **Add a printer**.
- 4 Click **Add a network, wireless or Bluetooth printer**.
- 5 Select printer and click **Next**, or click **The printer that I want isn't listed**.  
When you select your printer, go to step 8.  
When you click **The printer that I want isn't listed**, go to step 6.
- 6 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.
- 7 Select **TCP/IP Device** from **Device type**, and enter the IP address for **Hostname or IP address**, and then click **Next**.  
If the **User Account Control** dialog box appears, click **Yes**.
  -  **NOTE:** If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.
- 8 Click **Have Disk** to display the **Install From Disk** dialog box.
- 9 Click **Browse**, and then select the inf file in the folder extracted in step 1.
- 10 Click **OK**.
- 11 Select your printer name and click **Next**.

- 12 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**. Installation starts.
- 13 If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**.
- 14 Click **Next**.
- 15 As the driver installation is completed, click **Print a test page** to verify installation. To use this printer as the default printer, select the **Set as the default printer** check box.
- 16 Click **Finish**.

#### Windows® 8, Windows® 8 64-bit Edition, Windows® 8.1, Windows® 8.1 64-bit Edition, Windows Server® 2012, or Windows Server® 2012 R2

- 1 Extract the following zip file to your desired location.  
D:\Drivers\XPS\Win\_8\XPS-V4\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)
- 2 On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel**.
- 3 Click **Hardware and Sound** (**Hardware** for Windows Server® 2012/Windows Server® 2012 R2) → **Devices and Printers** → **Add a printer**.
- 4 Click **The printer that I want isn't listed**.
- 5 Select **Add a printer using a TCP/IP or host name**, and then click **Next**.
- 6 Select **TCP/IP Device** from **Device Type**, enter the IP address in the **Hostname or IP address** box, and then click **Next**.
- 7 Click **Have Disk** to display the **Install From Disk** dialog box.
- 8 Click **Browse**, and then select the inf file in the folder extracted in step 1.
- 9 Click **OK**.
- 10 Select your printer name and click **Next**.
- 11 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**. Installation starts.
- 12 If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**. Click **Next**.
- 13 As the driver installation is completed, click **Print a test page** to verify installation. To use this printer as the default printer, select the **Set as the default printer** check box.
- 14 Click **Finish**.


#### Windows® 10

- 1 Extract the following zip file to your desired location.  
D:\Drivers\XPS\Win\_8\XPS-V4\_H815dw\_S2815dn.zip (where D is the drive letter of the optical drive)
- 2 Right-click the Start button, and then click **Control Panel**.
- 3 Click **Hardware and Sound** → **Devices and Printers** → **Add a printer**.
- 4 Click **The printer that I want isn't listed**.
- 5 Select **Add a local printer or network printer with manual settings**, and then click **Next**.
- 6 Select the port connected to this product, and then click **Next**.
- 7 Click **Have Disk** to display the **Install From Disk** dialog box.
- 8 Click **Browse**, and then select the inf file in the folder extracted in step 1.



- 9 Click **OK**.
- 10 Select your printer name and click **Next**.
- 11 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**. Installation starts.
- 12 If you do not share your printer, select **Do not share this printer**. If you share your printer, select **Share this printer so that others on your network can find and use it**. Click **Next**.
- 13 As the driver installation is completed, click **Print a test page** to verify installation. To use this printer as the default printer, select the **Set as the default printer** check box.
- 14 Click **Finish**.

Use the **Dell Printer Configuration Web Tool** to monitor the status of your network printer without leaving your desk. You can view and/or change the printer settings, monitor toner level, and acknowledge the timing of ordering replacement consumables. You can click the Dell supplies link for ordering supplies.

 **NOTE:** The **Dell Printer Configuration Web Tool** is not available when the printer is directly connected to a computer or a print server.

To launch the **Dell Printer Configuration Web Tool**, type the printer's IP address in your web browser. The printer configuration appears on the screen.

You can set up the **Dell Printer Configuration Web Tool** to send you an e-mail when the printer needs supplies or intervention.

To set up e-mail alerts:

- 1 Launch the **Dell Printer Configuration Web Tool**.
- 2 Click **E-Mail Server Settings Overview** link.
- 3 Under **E-Mail Server Settings**, enter the **Primary SMTP Gateway**, **Reply Address**, and your or key operator's e-mail address in the e-mail list box.
- 4 Click **Apply New Settings**.

 **NOTE:** **Connection pending until printer sends an alert** is displayed on the SMTP server until an error occurs.

## Setting Up for Shared Printing

You can share your USB connected printer with other computers (clients) on the same network.

To share your USB connected printer, enable shared printing when installing the printer driver. You can also enable shared printing by following the procedures below.

### Enabling Shared Printing from the Computer

#### Windows Server® 2003 or Windows Server® 2003 x64 Edition

- 1 Click **Start**→ **Printers and Faxes**.
- 2 Right-click the printer icon and select **Properties**.
- 3 On the **Sharing** tab, select the **Share this printer** check box, and then type a name in the **Share name** text box.
- 4 Click **Additional Drivers** and select the operating systems of all network clients that print to the printer, and then click **OK**.
- 5 Click **OK**.

If you are missing files, you are prompted to insert the server operating system CD.

### **Windows Vista® or Windows Vista® 64-bit Edition**

- 1 Click Start→ Control Panel→ Hardware and Sound→ Printers.
- 2 Right-click the printer icon and select **Sharing**.
- 3 Click **Change sharing options**.  
The message **Windows needs your permission to continue** appears.
- 4 Click **Continue**.
- 5 Select the **Share this printer** check box, and then type a name in the **Share name** text box.
- 6 Click **Additional Drivers** and select the operating systems of all network clients that print to the printer, and then click **OK**.
- 7 Click **OK**.

### **Windows Server® 2008 or Windows Server® 2008 64-bit Edition**

- 1 Click Start→ Control Panel→ Printers.
- 2 Right-click the printer icon and select **Sharing**.
- 3 Click **Change Sharing Options** if exists.
- 4 Select the **Share this printer** check box, and then type a name in the **Share name** text box.
- 5 Click **Additional Drivers** and select the operating systems of all network clients that print to the printer, and then click **OK**.
- 6 Click **OK**.

### **Windows® 7, Windows® 7 64-bit Edition, or Windows Server® 2008 R2**

- 1 Click Start→ Devices and Printers.
- 2 Right-click the printer icon and select **Printer properties**.
- 3 On the **Sharing** tab, click **Change Sharing Options** if exists.  
Select the **Share this printer** check box, and then type a name in the **Share name** text box.
- 4 Click **Additional Drivers** and select the operating systems of all network clients that print to the printer, and then click **OK**.
- 5 Click **Apply**, and then click **OK**.

### **Windows® 8, Windows® 8 64-bit Edition, Windows® 8.1, Windows® 8.1 64-bit Edition, Windows Server® 2012, Windows Server® 2012 R2, or Windows® 10**

- 1 On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel → Hardware and Sound (Hardware for Windows Server® 2012/Windows Server® 2012 R2) → Devices and Printers**.  
For Windows® 10:  
Right-click the Start button, and then click **Control Panel → Hardware and Sound → Devices and Printers**.
- 2 Right-click the printer icon and select **Printer properties**.
- 3 On the **Sharing** tab, click **Change Sharing Options** if exists.
- 4 Select the **Share this printer** check box, and then type a name in the **Share name** text box.
- 5 Click **Additional Drivers** and select the operating systems of all network clients using this printer, and then click **OK**.
- 6 Click **Apply**, and then click **OK**.

## Checking the Shared Printer

To confirm that the printer is properly shared:

- Ensure that the printer object in the **Printers**, **Printers and Faxes**, or **Devices and Printers** folder is shared. The shared icon is shown under the printer icon.
- From a network client, browse **Network** or **My Network Places**. Find the host name of the server and the shared name you assigned to the printer.

After you have checked that the printer is shared, use methods such as Windows® Point and Print to use the shared printer from a network client.



**NOTE:** If the OS bit editions (32/64 bit edition) differ between a print server and a client computer, you need to manually add the printer driver for the client computer edition on the server. Otherwise, the printer driver cannot be installed on the client computer using methods such as Point and Print. For example, if the print server runs on Windows Vista® 32-bit edition, while the client computer runs on Windows® 7 64-bit edition, follow the procedures below to additionally install the printer driver for 64-bit client on the 32-bit server.

- a Click **Additional Drivers** on the screen for sharing printers.  
For details about how to display this screen, see "Enabling Shared Printing from the Computer."
- b Select the **x64** check box, and then click **OK**.
- c Insert the *Software and Documentation* disc into your computer.
- d Click **Browse** to specify the folder that contains the 64-bit OS driver, and then click **OK**.  
Installation starts.



# Installing Printer Drivers on Macintosh Computers

## Installing the Drivers and Software

- 1 Run the *Software and Documentation* disc on the Macintosh computer.
- 2 For Dell™ Cloud Multifunction Printer | H815dw, double-click the **Dell MFP H815dw Installer** icon, and then click **Continue**.  
For Dell Smart Multifunction Printer | S2815dn, double-click the **Dell MFP S2815dn Installer** icon, and then click **Continue**.
- 3 When the popup dialog box prompts you for confirming the program included in the installation package, click **Continue**.
- 4 Click **Continue** on the **Important Information** screen.
- 5 Select a language for the **Software License Agreement** screen.
- 6 After reading the **Software License Agreement**, click **Continue**.
- 7 If you agree to the terms of the **Software License Agreement**, click **Agree** to continue the installation process.
- 8 Confirm the installation location.
- 9 Click **Install** to perform the standard installation.  
If you want to select a custom installation, click **Customize** to select items that you want to install.
  - Dell MFP H815dw Printer Driver or Dell MFP S2815dn Printer Driver
  - Dell MFP H815dw Fax Driver or Dell MFP S2815dn Fax Driver
  - Dell MFP H815dw Scan Driver or Dell MFP S2815dn Scan Driver
  - Dell Printer Status Monitor
- 10 Type the administrator's name and password, and then click **Install Software**.
- 11 Click **Continue Installation** to continue the installation.
- 12 When the message **The installation was successful.** appears, click **Log Out** to complete installation.


## Adding a Printer on Mac OS X 10.5, Mac OS X 10.6, Mac OS X 10.7, OS X 10.8, OS X 10.9, or OS X 10.10

### When Using a USB connection


- 1 Turn on the printer.
- 2 Connect the USB cable between the printer and the Macintosh computer.  
The printer is automatically added to your Macintosh computer.

### When Using IP Printing

- 1 Turn on the printer.
- 2 Ensure that Macintosh computer and the printer are connected via network.  
If you use wired connection, connect the LAN cable between the printer and the network.  
If you use wireless connection on the Dell Cloud Multifunction Printer | H815dw, ensure that wireless connection is configured properly on your Macintosh computer and the printer.

- 3 For Mac OS X 10.5 and Mac OS X 10.6: Open the **System Preferences**, and click **Print & Fax**.  
For Mac OS X 10.7 and OS X 10.8: Open the **System Preferences**, and click **Print & Scan**.  
For OS X 10.9 and OS X 10.10: Open the **System Preferences**, and click **Printers & Scanners**.
  - 4 Click the Plus (+) sign, select **Add Printer or Scanner** (**Add Other Printer or Scanner** for Mac OS X 10.7), and select **IP**.  
For Mac OS X 10.5 and Mac OS X 10.6, just click the Plus (+) sign and select **IP**.
  - 5 Select **Line Printer Daemon - LPD** for **Protocol**.
  - 6 Type the IP address for the printer in the **Address** area.
  - 7 For Mac OS X 10.5, Mac OS X 10.6, and Mac OS X 10.7: Select **Dell MFP H815dw v3012 PS vX.X** or **Dell MFP S2815dn v3012 PS vX.X** for **Print Using**.  
For OS X 10.8, OS X 10.9, and OS X 10.10: Select **Dell MFP H815dw v3012 PS vX.X** or **Dell MFP S2815dn v3012 PS vX.X** for **Use**.
-  **NOTE:** When printing is set up using IP printing, the queue name is displayed as blank. You do not need to specify it.
- 8 Click **Add**.
  - 9 Specify the options that have been installed on the printer, and then click **Continue**.
  - 10 For Mac OS X 10.5 and Mac OS X 10.6: Confirm that the printer is displayed in the **Print & Fax** dialog box.  
For Mac OS X 10.7 and OS X 10.8: Confirm that the printer is displayed in the **Print & Scan** dialog box.  
For OS X 10.9 and OS X 10.10: Confirm that the printer is displayed in the **Printers & Scanners** dialog box.

### When Using Bonjour

- 1 Turn on the printer.
  - 2 Ensure that Macintosh computer and the printer are connected via network.  
If you use wired connection, connect the LAN cable between the printer and the network.  
If you use wireless connection on the Dell Cloud Multifunction Printer | H815dw, ensure that wireless connection is configured properly on your Macintosh computer and the printer.
  - 3 For Mac OS X 10.5 and Mac OS X 10.6: Open the **System Preferences**, and click **Print & Fax**.  
For Mac OS X 10.7 and OS X 10.8: Open the **System Preferences**, and click **Print & Scan**.  
For OS X 10.9 and OS X 10.10: Open the **System Preferences**, and click **Printers & Scanners**.
  - 4 Click the Plus (+) sign, select **Add Printer or Scanner** (**Add Other Printer or Scanner** for Mac OS X 10.7), and select **Default**.  
For Mac OS X 10.5 and Mac OS X 10.6, just click the Plus (+) sign and select **Default**.
  - 5 Select the printer connected via Bonjour from the **Name** (**Printer Name** for Mac OS X 10.5, Mac OS X 10.6, and Mac OS X 10.7) list.
  - 6 For Mac OS X 10.5, Mac OS X 10.6, and Mac OS X 10.7: **Name** and **Print Using** are automatically entered.  
For OS X 10.8, OS X 10.9, and OS X 10.10: **Name** and **Use** are automatically entered.
-  **NOTE:** If **AirPrint Printer** is automatically selected for **Print Using** (or **Use**), select **Dell MFP H815dw v3012 PS vX.X** or **Dell MFP S2815dn v3012 PS vX.X** manually.
- 7 Click **Add**.
  - 8 Specify the options that have been installed on the printer, and then click **Continue**.

- 9** For Mac OS X 10.5 and Mac OS X 10.6: Confirm that the printer is displayed in the **Print & Fax** dialog box.  
For Mac OS X 10.7 and OS X 10.8: Confirm that the printer is displayed in the **Print & Scan** dialog box.  
For OS X 10.9 and OS X 10.10: Confirm that the printer is displayed in the **Printers & Scanners** dialog box.

### **Configuring Settings**

Configure the options available for the printer.

- 1** For Mac OS X 10.5 and Mac OS X 10.6: Open the **System Preferences**, and click **Print & Fax**.  
For Mac OS X 10.7 and OS X 10.8: Open the **System Preferences**, and click **Print & Scan**.  
For OS X 10.9 and OS X 10.10: Open the **System Preferences**, and click **Printers & Scanners**.
- 2** Select the printer in the **Printers** list, and click **Options & Supplies**.
- 3** For Mac OS X 10.5, Mac OS X 10.6, Mac OS X 10.7, and OS X 10.8: Select **Driver**, select the options that can be configured for the printer, and then click **OK**.  
For OS X 10.9 and OS X 10.10: Select **Options**, select the options that can be configured for the printer, and then click **OK**.





# Installing Printer Drivers on Linux Computers (CUPS)

This section provides information for installing or setting up the printer driver with CUPS (Common UNIX Printing System) on Red Hat Enterprise Linux 6 (32/64bit), SUSE Linux Enterprise Desktop 11 (32/64bit), or Ubuntu 12.04 LTS (32/64bit).

## Operation on Red Hat Enterprise Linux 6 Desktop

### Setup Overview

- 1 Install the printer driver.
- 2 Set up the print queue.
- 3 Specify the default queue.
- 4 Specify the printing options.

### Installing the Printer Driver

- 1 Select **Applications** → **System Tools** → **Terminal**.
- 2 Type the following command in the terminal window.

#### For the 32-bit architecture

```
su
(Type the administrator password)
rpm -ivh (Type the file path)/Dell-MFP-H815dw-
S2815dn-*.i686.rpm
```

#### For the 64-bit architecture

```
su
(Type the administrator password)
rpm -ivh (Type the file path)/Dell-MFP-H815dw-
S2815dn-*.x86_64.rpm
```

The printer driver is installed.

### Setting Up the Queue

To execute printing, you must set up the print queue on your workstation.

- 1 Open the URL "<http://localhost:631>" using a web browser.
- 2 Click **Administration**.
- 3 Click **Add Printer**.
- 4 Type **root** as the user name, type the administrator password, and click **OK**.  
For network connections:
  - a Select **LPD/LPR Host or Printer** from the **Other Network Printers** menu, and click **Continue**.

- b** Type the IP address of the printer in **Connection**, and click **Continue**.

Format: `lpd://xxx.xxx.xxx.xxx` (the IP address of the printer)

For USB connections:

- a** Select **Dell MFP H815dw** or **Dell MFP S2815dn** from the **Local Printers** menu, and click **Continue**.
- 5** Type the name of the printer in the **Name** box in the **Add Printer** window, and click **Continue**.  
You can optionally specify the location and description of the printer for further information.  
If you want to share the printer, select the **Share This Printer** check box.
- 6** Select **Dell** from the **Make** menu, and click **Continue**.
- 7** Select **Dell MFP H815dw vXXXX PS** or **Dell MFP S2815dn vXXXX PS** from the **Model** menu, and click **Add Printer**.

The setup is complete.

### Printing From the Applications

When you have finished setting up the queue, you can print jobs from the applications. Start the print job from the application, and specify the queue in the print dialog box.

However, sometimes you can print only from the default queue depending on the application (for example Mozilla). In these cases, before you start printing, set queue you want to print to as the default queue. For information on specifying the default queue, see "Setting the Default Queue."

### Setting the Default Queue

- 1** Select **Applications**→**System Tools**→**Terminal**.
- 2** Type the following command in the terminal window.

```
su
(Type the administrator password)
lpadmin -d (Type the queue name)
```

### Specifying the Printing Options

You can specify the printing options such as 2-sided printing.

- 1** Open the URL "`http://localhost:631`" using a web browser.
- 2** Click **Administration**.
- 3** Click **Manage Printers**.
- 4** Click the queue name for which you want to specify the printing options.
- 5** Select **Set Default Options** from the **Administration** menu.
- 6** Click the desired setting item, specify the required settings, and click **Set Default Options**.

The message **Printer xxx default options have been set successfully**. appears.

The setting is complete.

### Uninstalling the Printer Driver

- 1** Select **Applications**→**System Tools**→**Terminal**.
- 2** Type the following command in the terminal window to delete the print queue.

```
su
(Type the administrator password)
/usr/sbin/lpadmin -x (Type the print queue name)
```

- 3 Repeat the command above for all queues for the same model.
- 4 Type the following command in the terminal window.

```
su
(Type the administrator password)
rpm -e Dell-MFP-H815dw-S2815dn
```

The printer driver is uninstalled.

## Operation on SUSE Linux Enterprise Desktop 11

### Setup Overview

- 1 Install the printer driver.
- 2 Set up the print queue.
- 3 Specify the default queue.
- 4 Specify the printing options.

### Installing the Printer Driver

- 1 Select **Computer**→**More Applications...** and select **GNOME Terminal** on the Application Browser.
- 2 Type the following command in the terminal window.

#### For the 32-bit architecture

```
su
(Type the administrator password)
rpm -ivh (Type the file path)/ Dell-MFP-H815dw-S2815dn-*.i686.rpm
```

#### For the 64-bit architecture

```
su
(Type the administrator password)
rpm -ivh (Type the file path)/ Dell-MFP-H815dw-S2815dn-*.x86_64.rpm
```

The printer driver is installed.

## Setting Up the Queue

To execute printing, you must set up the print queue on your workstation.

- 1 Select **Computer**→**More Applications...**, and select **YaST** on the Application Browser.
- 2 Type the administrator password, and click **Continue**.  
YaST Control Center is activated.
- 3 Select **Hardware** on YaST Control Center, and select **Printer**.  
The **Printer Configurations** dialog box opens.

For network connections:

- a Click **Add**.  
The **Add New Printer Configuration** dialog box opens.
- b Click **Connection Wizard**.  
The **Connection Wizard** dialog box opens.
- c Select **Line Printer Daemon (LPD) Protocol** from **Access Network Printer** or **Printserver Box** via.
- d Type the IP address of the printer in **IP Address** or **Host Name**.
- e Select **Dell** in the **Select the printer manufacturer**: drop-down menu.
- f Click **OK**.  
The **Add New Printer Configuration** dialog box appears.
- g For Dell™ Cloud Multifunction Printer | H815dw, select **Dell MFP H815dw vXXXX PS [Dell/Dell\_MFP\_H815dw.ppd.gz]** from the **Assign Driver** list.  
For Dell Smart Multifunction Printer | S2815dn, select **Dell MFP S2815dn vXXXX PS [Dell/Dell\_MFP\_S2815dn.ppd.gz]** from the **Assign Driver** list.



**NOTE:** You can specify the printer name in **Set Name**.

- h Confirm the settings, and click **OK**.

For USB connections:

- a Click **Add**.  
The **Add New Printer Configuration** dialog box opens.  
The printer name is displayed in the **Determine Connection** list.
- b For Dell Cloud Multifunction Printer | H815dw, select **Dell MFP H815dw vXXXX PS [Dell/Dell\_MFP\_H815dw.ppd.gz]** from the **Assign Driver** list.  
For Dell Smart Multifunction Printer | S2815dn, select **Dell MFP S2815dn vXXXX PS [Dell/Dell\_MFP\_S2815dn.ppd.gz]** from the **Assign Driver** list.



**NOTE:** You can specify the printer name in **Set Name**.

- c Confirm the settings, and click **OK**.

## Printing From the Applications

When you have finished setting up the queue you can print jobs from the applications. Start the print job from the application, and specify the queue in the print dialog box.

However, sometimes you can print only from the default queue depending on the application (for example Mozilla). In these cases, before you start printing, set queue you want to print to as the default queue. For information on specifying the default queue, see "Setting the Default Queue."

## Setting the Default Queue

You can set the default queue when you add the printer.

- 1 Select **Computer**→**More Applications...**, and select **YaST** on the Application Browser.
- 2 Type the administrator password, and click **Continue**.  
YaST Control Center is activated.
- 3 Select **Hardware** on YaST Control Center, and select **Printer**.  
The **Printer Configurations** dialog box opens.
- 4 Click **Edit**.  
A dialog box to modify the specified queue opens.
- 5 Confirm that the printer you want to set is selected in the **Connection** list.
- 6 Select the **Default Printer** check box.
- 7 Confirm the settings, and click **OK**.

## Specifying the Printing Options

You can specify the printing options such as 2-sided printing.

- 1 Open a web browser.
- 2 Type `http://localhost:631/admin` in **Location**, and press <Enter>.
- 3 Click **Manage Printers**.
- 4 Click **Set Printer Options** of the printer for which you want to specify the printing options.
- 5 Specify the required settings, and click **Set Printer Options**.
- 6 Type `root` as the user name, type the administrator password, and click **OK**.



**NOTE:** Set the password for authority as the printer administrator before setting the printer queue. If you have not set it, go to "Setting the Password for Authority as the Printer Administrator."

The message **Printer xxx has been configured successfully**. appears.

The setting is complete. Execute printing from the application.

## Setting the Password for Authority as the Printer Administrator

You must set the password for authority as the printer administrator to do operations as the printer administrator.

- 1 Select **Computer**→**More Applications...** and select **GNOME Terminal** on the Application Browser.
- 2 Type the following command in the terminal window.

```
su
(Type the administrator password)
lppasswd -g sys -a root
(Type the password for authority as the printer administrator after
the Enter password prompt.)
(Retype the password for authority as the printer administrator after
the Enter password again prompt.)
```

## Uninstalling the Printer Driver

- 1 Select **Computer**→**More Applications...** and select **GNOME Terminal** on the Application Browser.
- 2 Type the following command in the terminal window to delete the print queue.

```
su
(Type the administrator password)
/usr/sbin/lpadm -x (Type the printer queue name)
```

- 3 Repeat the command above for all queues for the same model.
- 4 Type the following command in the terminal window.

```
su
(Type the administrator password)
rpm -e Dell-MFP-H815dw-S2815dn
```

The printer driver is uninstalled.

## Operation on Ubuntu 12.04 LTS

### Setup Overview

- 1 Install the printer driver.
- 2 Set up the print queue.
- 3 Specify the default queue.
- 4 Specify the printing options.

### Installing the Printer Driver

- 1 Click **Dash Home**, and enter `terminal` in the **Search** text box.
- 2 Click **Terminal** in the **Applications** category of the search results.

- 3 Type the following command in the terminal window.

#### For the 32-bit architecture

```
sudo dpkg -i (Type the file path)/dell-mfp-S2815dn-  
H815dw-*. *-*_i386.deb  
(Type the administrator password)
```

#### For the 64-bit architecture

```
sudo dpkg -i (Type the file path)/dell-mfp-S2815dn-  
H815dw-*. *-*_amd64.deb  
(Type the administrator password)
```

The printer driver is installed.

### Setting Up the Queue

To execute printing, you must set up the print queue on your workstation.

- 1 Open the URL "<http://localhost:631>" using a web browser.
- 2 Click **Administration**.
- 3 Click **Add Printer**.
- 4 Type the user name and the administrator password, and click **OK**.
- 5 Select either of the following according to the type of your printer connection.

For network connections:

- a Select **LPD/LPR Host or Printer** from the **Other Network Printers** menu, and click **Continue**.
- b Type the IP address of the printer in **Connection**, and click **Continue**.  
Format: `lpd://xxx.xxx.xxx.xxx` (the IP address of the printer)

For USB connections:

- a Select **Dell MFP H815dw** or **Dell MFP S2815dn** from the **Local Printers** menu, and click **Continue**.
- 6 Type the name of the printer in the **Name** box in the **Add Printer** window, and click **Continue**.  
You can optionally specify the location and description of the printer for further information.  
If you want to share the printer, select the **Share This Printer** check box.
  - 7 Select **Dell** from the **Make** menu, and click **Continue**.
  - 8 Select **Dell MFP H815dw vXXXX PS** or **Dell MFP S2815dn vXXXX PS** from the **Model** menu, and click **Add Printer**.

The setup is complete.

### Printing From the Applications

When you have finished setting up the queue, you can print jobs from the applications. Start the print job from the application, and specify the queue in the print dialog box.

However, sometimes you can print only from the default queue depending on the application (for example Mozilla). In these cases, before you start printing, set queue you want to print to as the default queue. For information on specifying the default queue, see "Setting the Default Queue."

### Setting the Default Queue

- 1 Click **Dash Home**, and enter `terminal` in the **Search** text box.
- 2 Click **Terminal** in the **Applications** category of the search results.
- 3 Type the following command in the terminal window.

```
sudo lpadmin -d (Type the queue name)
(Type the administrator password)
```

### Specifying the Printing Options

You can specify the printing options such as 2-sided printing.

- 1 Open the URL "<http://localhost:631>" using a web browser.
- 2 Click **Administration**.
- 3 Click **Manage Printers**.
- 4 Click the queue name for which you want to specify the printing options.
- 5 Select **Set Default Options** from the **Administration** menu.
- 6 Click the desired setting item, specify the required settings, and click **Set Default Options**.

The message **Printer xxx default options have been set successfully**. appears.

The setting is complete.

### Uninstalling the Printer Driver

- 1 Click **Dash Home**, and enter `terminal` in the **Search** text box.
- 2 Click **Terminal** in the **Applications** category of the search results.
- 3 Type the following command in the terminal window to delete the print queue.

```
sudo /usr/sbin/lpadmin -x (Type the print queue
name)
(Type the administrator password)
```

- 4 Repeat the command above for all queues for the same model.
- 5 Type the following command in the terminal window.

```
sudo dpkg -r Dell-MFP-H815dw-S2815dn
(Type the administrator password)
```

The printer driver is uninstalled.



# Using Your Printer

13 Operator Panel .....	115
14 Dell™ Printer Configuration Web Tool.....	125
15 Understanding the Printer Menus.....	181
16 Print Media Guidelines.....	263
17 Loading Print Media .....	269



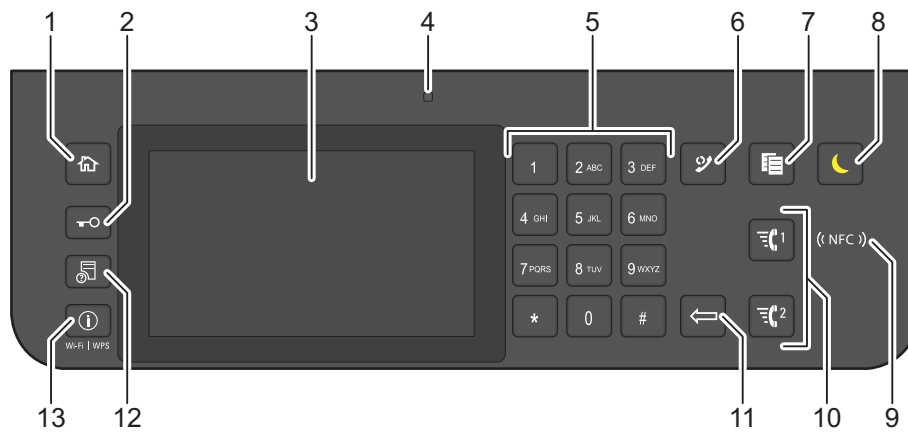
# Operator Panel

## About the Operator Panel

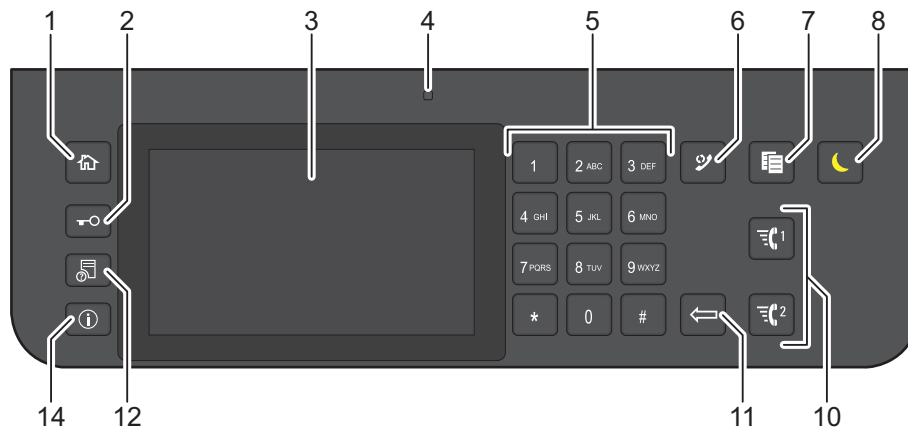
The operator panel has a touch panel, a ready/error LED, control buttons, and a number pad, which allows you to control the printer.



**NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.












### Dell™ Cloud Multifunction Printer | H815dw




### Dell Smart Multifunction Printer | S2815dn



- 1  (Home) button
  - Moves to the **Home** screen.
- 2  (Login/Logout) button
  - Allows the user to log out.

- 3 Touch Panel
  - Specifies the settings by directly tapping the screen.
  - Displays various settings, instructions, and error messages.
- 4 Ready / Error LED
  - Shows a green light when the printer is ready and a blinking green light when data is being received.
  - Shows an amber light when an error occurs and a blinking amber light when an unrecoverable print error occurs.
- 5 Number Pad
  - Enters numbers and characters.
- 6  (Redial / Pause) button
  - Calls up the last called number.
  - Inserts a pause into a telephone number.
- 7  (Copy) button
  - Starts copying the document. Effective only from the **Home** screen while you are logged in to the printer.
- 8  (Power Saver) button
  - Enters or exits the Power Saver mode. When the printer is not used for a while, it enters the Power Saver mode to reduce power consumption. When the Power Saver mode is active, the  (Power Saver) button blinks.
- 9  (NFC) (NFC) reader
  - Starts communication between the printer and an NFC card or a mobile device with the NFC function when the card or the device is tapped to the reader.
- 10  1 /  2 (Speed Dial 1 / Speed Dial 2) button
  - Starts faxing the document to the number registered as "001" and "002" respectively of the FAX Speed Dial. Effective only when the **Home** screen is displayed.
- 11  (Delete) button
  - Deletes numbers and characters.
- 12  (Job Status) button
  - Moves to the **Job Status** screen. From this screen, you can check or cancel active jobs.
- 13  (Information) Wi-Fi|WPS button
  - Moves to the **Information** screen. You can access various information and settings menu including Wi-Fi and Wi-Fi Direct features, check the name of the connected device via Wi-Fi Direct, check consumable levels and network status, and print various types of reports and lists.
- 14  (Information) button
  - Moves to the **Information** screen. You can access various information and settings menu, check consumable levels and network status, and print various types of reports and lists.

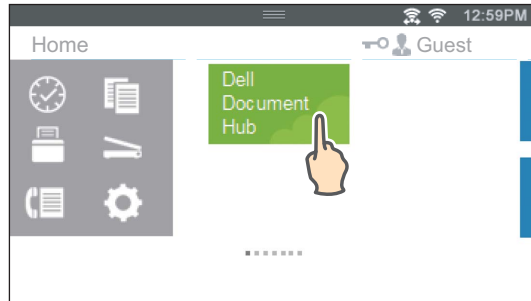
 **NOTE:** Moving to a different menu or returning to a previous screen cancels the current entry or setting. Be sure to select **OK** to save the current entry or setting.

## Basic Operations on the Touch Panel

You can operate the touch panel as with a smartphone or a tablet.

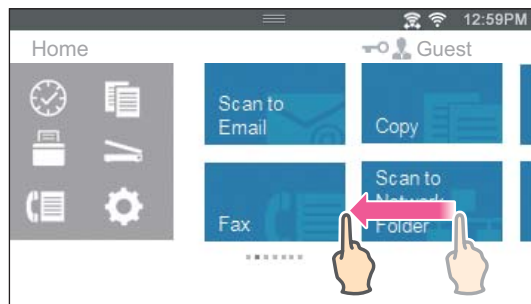
### To Select the Item on the Screen

Tap the item.

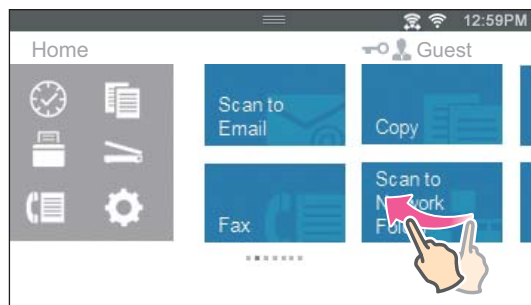



### To Scroll the Screen or the Listed Items

Swipe the screen by dragging your finger on the screen.





To scroll faster, flick the screen.

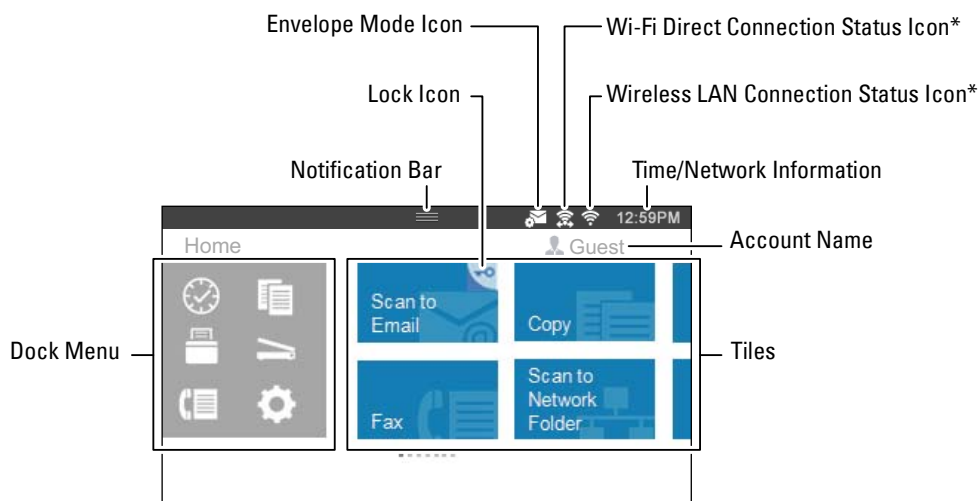


 **NOTE:** If you cannot swipe or flick on some screens, operate by tapping the tiles or buttons.

## About the Home Screen

This section describes the fields and buttons on the **Home** screen which is displayed by pressing the  (Home) button while the user is logged in to the printer. As the factory default setting, the **Home** screen is displayed when the printer is turned on.







 **NOTE:** To display the **Home** screen, the user must be registered beforehand and log in to the printer. For more information, see "User Authentication."



\* Available on the Dell Cloud Multifunction Printer | H815dw only

### Dock Menu

The tiles are grouped according to the functions under the Dock Menu. Tap the button to display the tiles grouped under the button.

-  (Recent) Button: Displays the tiles of the functions you recently used. Up to 8 tiles can be stored.
-  (Copy) Button: Displays the tiles of the copy functions.
-  (Print) Button: Displays the tiles of the print functions.
-  (Scan) Button: Displays the tiles of the scan functions.
-  (Fax) Button: Displays the tile of the fax function.
-  (Tools) Button: Displays the **Information** screen.

### Notification Bar

Displays the status of the printer when the handle  is dragged down. To close, drag up the handle.

You can adjust the screen brightness, see the toner information, or monitor the jobs currently progressing. Warnings are displayed in this area, too.

To adjust the screen brightness, drag the slider in **Screen Brightness**.

To see the **Toner Information**, tap **Supplies**.

The information of the toner is displayed.

**Lock Icon**

Displays when some functions are limited to access by the `Functions Control` settings. While the Lock icon is displayed on the upper-right of the tile, you are required to enter the password to enable the function. After the function is enabled, the Lock icon is displayed on the left to the account name, and you can access the password-locked functions without re-entering the password.

**Envelope Mode Icon**

Appears when the printer is set to the envelope mode.

**Wi-Fi Direct Connection Status Icon**

Displays the Wi-Fi Direct connection status. This icon is displayed only when Wi-Fi Direct is enabled.  
(Dell Cloud Multifunction Printer | H815dw only)

**Wireless LAN Connection Status Icon**

Displays the intensity of wireless signal when the printer is connected to a wireless network.  
(Dell Cloud Multifunction Printer | H815dw only)

**Time/Network Information**

Displays the current time or the network information (IPv4 address or host name).

**Account Name**

Displays the name of the user currently logging in to the printer.

**Tiles**

Displays the tiles of the functions you can select from.

When the tile color is pale and disabled, you cannot select the function.

When the Lock icon is displayed on the tile, the function is controlled by the `Functions Control` setting and you will need to enter the password to enable the function.

For more information about `Functions Control`, see "Functions Control."

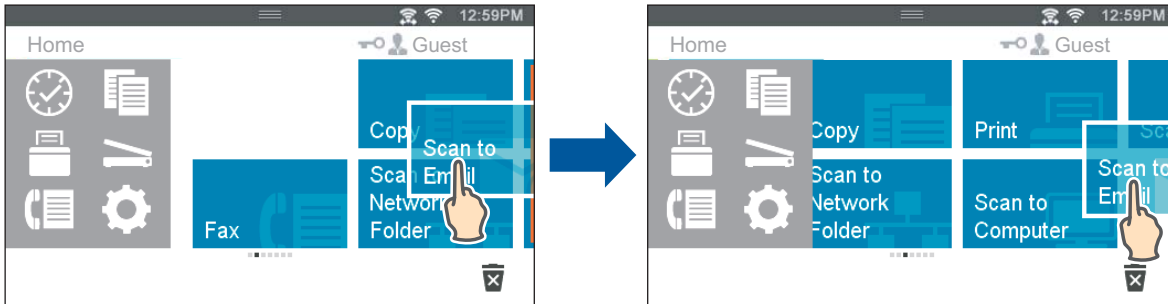
# Moving, Adding or Deleting the Tiles


## To Move the Tiles

Tap and hold the tile you want to move, and drag it to the desired place.

The short orange bar appears between the tiles to show the nearest drop point when you are dragging the tile.

You can move the tile between pages as well.



 **NOTE:** You cannot move the tiles in the Recent group screen of the Dock Menu.



## To Add the Tiles

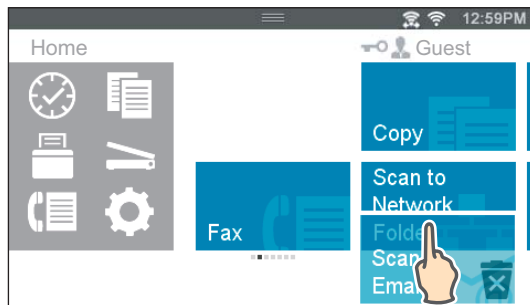
Find the Add App tile in the last page of the Home screen or each group screen, and tap it.

The Apps List screen appears.

Tap the tile you want to add to the Home screen.



## To Delete the Tiles

- 1 Tap and hold the tile you want to delete.  
 appears.
- 2 Drag the tile to .



The confirmation screen is displayed.

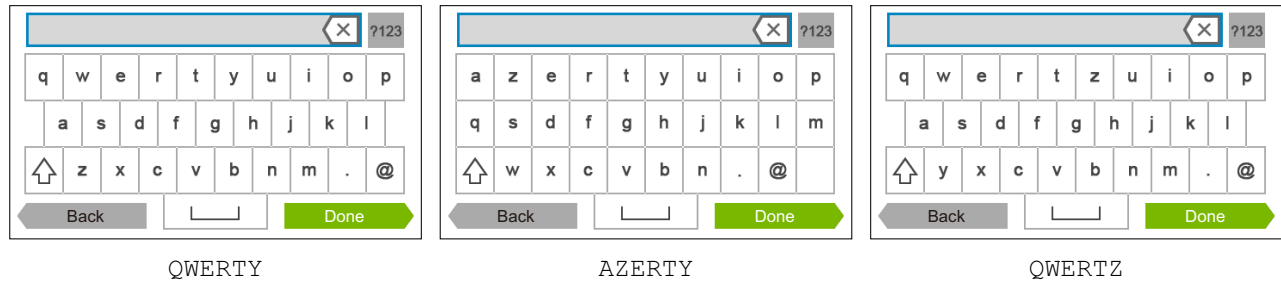
- 3 Tap OK to delete the tile.

 **NOTE:** To delete all tiles in the Recent group screen of the Dock Menu, tap  in the Recent group screen, and then tap OK.



## Using the Keyboard Displayed on the Touch Panel

During operations, a keyboard for entering text sometimes appears. The following describes how to enter text.



You can enter the following characters: numbers, alphabets, and symbols.

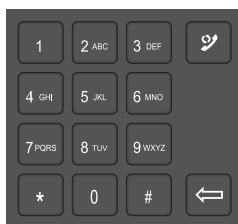
Item	Description
Entering alphabets	To enter uppercase letters, tap . To return to the lowercase letters, tap  again. To lock to the uppercase letters, double-tap .
Entering numbers and symbols	Tap .
Entering a space	Tap .
Deleting characters	Tap  to delete one character at a time.

### To Change the Keyboard Layout

- 1 Press the (Information) button.
- 2 Tap the Tools tab, and then tap Language Settings.
- 3 Tap Keyboard Layout.
- 4 Tap the desired keyboard layout.
- 5 Tap OK.

## Using the Number Pad


As you perform various tasks, you may need to enter numbers. For example, when you enter fax number directly.




### Number Pad Numbers

1
2
3
4
5
6
7
8
9
0
*
#

### Changing Numbers

If you make a mistake while entering a number, press the  (Delete) button to delete the last digit. Then enter the correct number.

### Inserting a Pause

For some telephone systems, it is necessary to dial an access code and listen for a second dial tone. A pause must be entered in order for the access code to function. For example, enter the access code 9 and then press the  (Redial/Pause) button before entering the telephone number. "-" appears on the display when a pause is entered.



## Printing a Panel Settings Report

The panel settings report shows current settings for the printer menus. For details about how to print a panel settings report, see "Report / List."

## Changing the Language

You can change the language used on the touch panel.

### When Using the Operator Panel


- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Language Settings.
- 3 Tap Panel Language.
- 4 Tap  until the desired language appears, and then tap the desired language.
- 5 Tap OK.

### When Using the Tool Box


- 1 Click Start → All Programs → Dell Printers → Dell Printer Hub or Dell Printer Management Tool.  
For Windows® 10: Click the Start button → Dell Printer Hub or Dell Printer Management Tool.
- 2 For Dell Printer Hub, select the printer from My Printers on the home screen.  
For Dell Printer Management Tool, select the printer displayed by default, or another printer from the drop-down list on the upper-right corner of the home screen.
- 3 Click the shortcut to the Tool Box on the left of the screen.  
The Tool Box opens.
- 4 Click the Printer Maintenance tab.
- 5 Select Panel Language from the list at the left side of the page.  
The Panel Language page appears.
- 6 Select the desired language from Panel Language, and then click Apply New Settings.

## Setting the Power Saver Timer Option

You can set the power saver timer for the printer. The printer enters the power saver mode when the printer is not used for a certain period of time.




 **NOTE:** If Panel Lock Control is set to Enable, you need to enter the four-digit password to enter the Admin Settings menu.

To set the power saver timer:

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap System Settings.
- 4 Tap General.
- 5 Tap Power Saver Timer.
- 6 Tap Sleep or Deep Sleep.
- 7 Tap – or +, or use the number pad to enter the desired value.  
You can specify from 1 to 60 minutes for Sleep or 1 to 60 minutes for Deep Sleep.
- 8 Tap OK.

## About the Concurrent Jobs Feature

This feature enables you to start a concurrent job while a fax job is running. This is done by temporarily displaying the **Home** screen and switching to a different function that can be run concurrently such as copy or scan.

- 1 While the printer is sending or receiving a fax, press the  (**Home**) button.
- 2 Tap  → Copy, or tap  → Scan.
- 3 After setting the copy or scan settings, tap OK.  
For details about Copy or Scan, see "Copying" or "Scanning."

# Dell™ Printer Configuration Web Tool

## Overview

**NOTE:** This web tool is available only when the printer is connected to a network using an Ethernet cable or the built-in wireless network function.

**NOTE:** The images used in this manual are those of the Dell Cloud Multifunction Printer | H815dw unless otherwise mentioned.

One of the features of the Dell Printer Configuration Web Tool is E-Mail Alert Setup, which sends e-mail to you or the key operator when the printer needs supplies or intervention.

The screenshot displays the Dell Printer Configuration Web Tool interface for a Dell MFP H815dw printer. The browser address bar shows the URL <http://192.0.2.0/index.htm>. The printer's status is "Ready". The interface includes a navigation menu on the left with options like Printer Status, Printer Jobs, Printer Settings, Print Server Settings, Copy Printer Settings, Print Volume, Address Book, Printer Information, Tray Management, E-Mail Server Settings Overview, and Set Password. The main content area shows the following details:

- Printer Status:** Ready
- Printer Information:** Dell MFP H815dw, IPV4: 192.0.2.0, IPv6( Stateless 1): 2001:db8::, IPv6(Link Local): fe80::a00:37ff:fe60:c953, Location: Contact Person:
- Printer Status - Refresh:** Toner Cartridge : OK
- Consumables:** Black Drum Cartridge Status: OK
- Paper Trays:**

Add Paper	Capacity	Size
MPF	100 sheets	A4 (210 x 297 mm)
Tray 1	250 sheets	A4 (210 x 297 mm)
Tray 2	550 sheets	A4 (210 x 297 mm)
- Output Tray:** Output Tray Status: OK Capacity: 150 sheets
- Cover:**

Cover	Status
Front Cover	Closed
Rear Cover	Closed
DADF Cover	Closed
- Printer Type:** Monochrome Laser
- Printing Speed:** 38Pages/Minute (Monochrome)


To fill out printer inventory reports requiring the asset tag number of all the printers in your area, use the **Printer Information** feature in the Dell Printer Configuration Web Tool. Enter the IP address of each printer on the network to display the asset tag number.

The Dell Printer Configuration Web Tool feature also allows you to change the printer settings and keep track of printing trends. If you are a network administrator, you can copy the printer settings to one or all printers on the network using your web browser.

# Setting Up the Dell Printer Configuration Web Tool

Ensure that you activate JavaScript in your browser before using the Dell Printer Configuration Web Tool.

Follow the procedures below to configure both the environment settings of your web browser and the operator panel before using the Dell Printer Configuration Web Tool.

 **NOTE:** The Dell Printer Configuration Web Tool pages may be displayed unreadable if the pages were configured by the language different from the language of your web browser.

## Setting Up From Web Browser

### For Internet Explorer®

#### Setting Up the Display Language

- 1 Select **Internet Options** from **Tools** on the menu bar.
- 2 Select **Languages** in the **General** tab.
- 3 Specify the display language in order of preference in the **Language** list.

For example:

- Italian (Italy) [it-IT]
- Spanish (Traditional Sort) [es-ES tradnl]
- German (Germany) [de-DE]
- French (France) [fr-FR]
- English (United States) [en-US]
- Danish [da-DK]
- Dutch (Netherlands) [nl-NL]
- Norwegian (Bokmal) [no]
- Swedish [sv-SE]

#### Setting the IP Address of the Printer to Non-Proxy

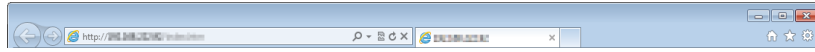
- 1 Select **Internet Options** from the **Tools** menu.
- 2 Click **LAN Settings** under **Local Area Network (LAN) Settings** in the **Connections** tab.
- 3 Do either of the following:
  - Clear the **Use a proxy server for your LAN** check box under **Proxy server**.
  - Click **Advanced**, and then specify the IP address of the printer in the **Do not use proxy server for addresses beginning with** field under **Exceptions**.

## Setting Up From Operator Panel

You can launch the Dell Printer Configuration Web Tool only when the operator panel setting is set to **Enable**. Confirm the operator panel setting if you cannot launch the Dell Printer Configuration Web Tool. For more information, see "Understanding the Printer Menus."

## Starting the Dell Printer Configuration Web Tool

To launch the Dell Printer Configuration Web Tool, enter the IP address of your printer in your web browser.



If you do not know the IP address of your printer, print the system settings report or display the TCP/IP settings page, which lists the IP address. For details about how to find your printer's IP address, see "Verifying the IP Settings."

## Overview of the Menu Items

The Dell Printer Configuration Web Tool consists of the following menus:

- Printer Status
- Printer Jobs
- Printer Settings
- Print Server Settings
- Copy Printer Settings
- Print Volume
- Address Book
- Printer Information
- Tray Management
- E-Mail Server Settings Overview
- Set Password
- Online Help
- Order Supplies at:
- Contact Dell Support at:
- Dell Document Hub at: <sup>\*1</sup>

<sup>\*1</sup> This item is available only on the Dell Cloud Multifunction Printer | H815dw.

### Printer Status

Use the **Printer Status** menu to get immediate feedback on the printer supply status. When the toner cartridge is running low, click the order supplies link on the first screen to order a new toner cartridge.

### Printer Jobs

Use the **Printer Jobs** menu to contain information on the **Job List** page and **Completed Jobs** page.

These pages show the details of the status regarding each protocol or job.

### Printer Settings


Use the **Printer Settings** menu to change the printer settings and to view the settings in the operator panel remotely.

### Print Server Settings

Use the **Print Server Settings** menu to change the type of printer interface and the necessary conditions for communications.

## Copy Printer Settings

Use the **Copy Printer Settings** menu to copy the printer settings to another printer or printers on the network by typing the IP address of each printer.


 **NOTE:** You must log in as an administrator to use this feature.

## Print Volume

Use the **Print Volume** menu to check the history of printing, such as paper usage or the types of jobs being printed.

## Address Book

Use the **Address Book** menu to view or edit the e-mail address, server address, and fax number entries in the Address Book, or to register new entries.

 **NOTE:** You must log in as an administrator to use this feature.

## Printer Information

Use the **Printer Information** menu to get information on service calls, inventory reports, or the status of current memory and engine code levels.

## Tray Management


Use the **Tray Management** menu to get information about the paper type and size for each tray.

## E-Mail Server Settings Overview

Use the **E-Mail Server Settings Overview** menu to configure **E-Mail Server** settings for Scan to Email, e-mail alert and forwarding fax to email features. Job history reports, job statistics reports, and print volume reports can also be received by e-mail. To receive alerts or reports, specify your e-mail address or the e-mail address of the key operator in the **E-Mail Server** menu.

## Set Password

Use the **Set Password** menu to lock the **Dell Printer Configuration Web Tool** with a password so that other users do not inadvertently change the printer settings that you have selected.

 **NOTE:** You must log in as an administrator to use this feature.

## Online Help

Click **Online Help** to visit the Dell Support website.

## Order Supplies at:

[www.dell.com/supplies](http://www.dell.com/supplies)

## Contact Dell Support at:

[support.dell.com](http://support.dell.com)

## Dell Document Hub at:

[www.dell.com/dochub](http://www.dell.com/dochub)



## Page Display Format

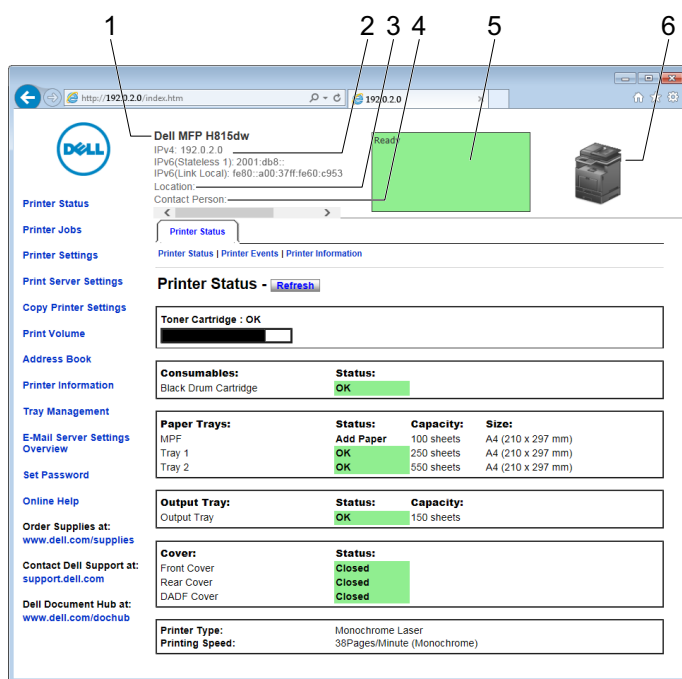
The layout of the page is divided into three sections listed below:

- Top Frame
- Left Frame
- Right Frame

### Top Frame

The top frame is located at the top of all pages. When the **Dell Printer Configuration Web Tool** is activated, the current status and specifications of the printer are displayed in the top frame on every page.

The following items are displayed in the top frame.

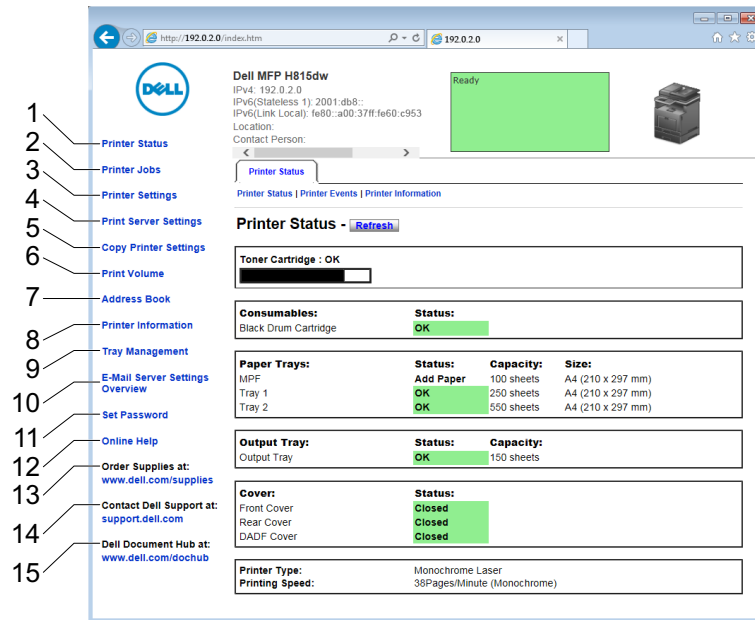


1	Product Name	Displays the product name of the printer.
2	IPv4 IPv6	Displays the IP address of the printer.
3	Location	Displays location of the printer. The location can be changed in the <b>Basic Information</b> section on the <b>Print Server Settings</b> page.
4	Contact Person	Displays the name of the printer administrator. The name can be changed in the <b>Basic Information</b> section on the <b>Print Server Settings</b> page.
5	Event Panel	Displays the indicator for the condition of the printer.
6	Machine image	Shows the bitmap image of the printer. The <b>Printer Status</b> menu appears in the right frame when you click the image.

## Left Frame

The left frame is located on the left side of all the pages. The menu titles displayed in the left frame are linked to corresponding menus and pages. You can go to the corresponding page by clicking their characters.

The following menus are displayed in the left frame.



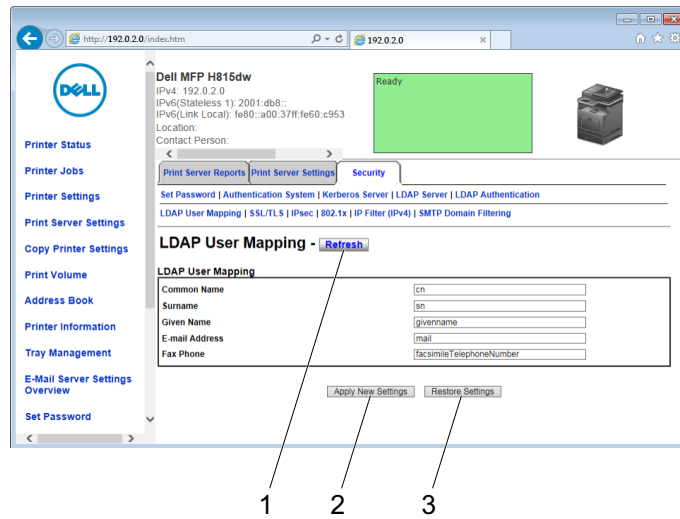
1	Printer Status	Links to the <b>Printer Status</b> menu.
2	Printer Jobs	Links to the <b>Printer Jobs</b> menu.
3	Printer Settings	Links to the <b>Printer Settings Report</b> menu.
4	Print Server Settings	Links to the <b>Print Server Reports</b> menu.
5	Copy Printer Settings	Links to the <b>Copy Printer Settings</b> menu.
6	Print Volume	Links to the <b>Print Volume</b> menu.
7	Address Book	Links to the <b>E-Mail Address</b> menu.
8	Printer Information	Links to the <b>Printer Status</b> menu.
9	Tray Management	Links to the <b>Tray Management</b> menu.
10	E-Mail Server Settings Overview	Links to the <b>Print Server Settings</b> menu.
11	Set Password	Links to the <b>Security</b> menu.
12	Online Help	Links to the Dell Support website.
13	Order Supplies at:	Links to the Dell web page.
14	Contact Dell Support at:	Links to the Dell Support website.
15	Dell Document Hub at: <sup>*1</sup>	Links to the Dell Document Hub website.

<sup>\*1</sup> This item is available only on the Dell Cloud Multifunction Printer | H815dw.

## Right Frame

The right frame is located on the right side of all the pages. The contents of the right frame correspond to the menu that you select in the left frame. For details on the items displayed in the right frame, see "Details of the Menu Items."

## Buttons in the Right Frame



1	Refresh Button	Receives the current printer configuration and updates the latest information in the right frame.
2	Apply New Settings Button	Submits new settings made on the Dell Printer Configuration Web Tool to the printer. The new settings replace the old settings of the printer.
3	Restore Settings Button	Restores the old settings that existed before any changes were made. New settings will not be submitted to the printer.

## Changing the Settings of the Menu Items

Some menus allow you to change the printer settings through the **Dell Printer Configuration Web Tool**. When you access these menus, the authentication window appears on the screen. Type a user name and password for the printer administrator by following the prompts displayed in the dialog box.

The default user name is **admin**, and the default password is left blank (NULL). You can change only the password in the **Set Password** page in the **Security** menu. The user name cannot be changed. See "Set Password" for more information.

### Details of the Menu Items

"Printer Status"	"Printer Status"	"Printer Status"
		"Printer Events"
		"Printer Information"
"Printer Jobs"	"Printer Jobs"	"Job List"
		"Completed Jobs"

"Printer Settings"	"Printer Settings Report"	"Menu Settings"
		"Reports"
	"Printer Settings"	"System Settings"
		"Network Settings"
		"USB Settings"
		"PCL Settings"
		"PS Settings"
		"PDF Settings"
		"Secure Settings"
		"Copy Defaults"
		"Copy Settings"
		"Fax Defaults"
		"Fax Settings"
		"Scan Defaults"
		"Direct Print Defaults/USB Direct Print Defaults"
		"MIFARE Customized Card"*1
	"Printer Maintenance"	"Paper Density"
		"Adjust Transfer Unit"
		"Adjust Fusing Unit"
		"Adjust Density"
		"Chart"
		"Clean Developer"
		"Clean Transfer Unit"
		"Reset Defaults"
		"Initialize PrintMeter"
		"Storage"*2
		"Non-Dell Toner"
		"Adjust Altitude"
		"Decrease Electrostatic Memory"
		"Decrease Ghosting"
	"Clock Settings"	
	"Web Link Customization"	

"Print Server Settings"	"Print Server Reports"	"Print Server Setup Page"	
		"E-Mail Server Setup Page"	
	"Print Server Settings"		"Basic Information"
			"Port Settings"
			"TCP/IP"
			"SMB"
			"E-Mail Server"
			"Bonjour (mDNS)"
			"SNMP"
			"Scan to Network Folder"
			"SNTP"
			"AirPrint"
			"Mopria"
			"Google Cloud Print"
			"Dell Document Hub" <sup>*1</sup>
			"Proxy Server"
			"Wi-Fi" <sup>*1, *3</sup>
			"Wi-Fi Direct" <sup>*1, *3</sup>
			"Reset Print Server"
		"Security"	
			"Authentication System"
	"Kerberos Server"		
	"LDAP Server"		
	"LDAP Authentication"		
	"LDAP User Mapping"		
	"SSL/TLS"		
	"IPsec"		
	"802.1x" <sup>*4</sup>		
	"IP Filter (IPv4)"		
	"SMTP Domain Filtering"		
"Copy Printer Settings"	"Copy Printer Settings"	"Copy Printer Settings"	
		"Copy Printer Settings Report"	
"Print Volume"	"Print Volume"	"Print Volume"	
		"Dell AccessControl"	
"Address Book"	"E-Mail Address"	"E-Mail Address"	
		"E-Mail Group"	
		"Default Setup"	
	"Server Address"	"Server Address"	
	"Phone Book"	"FAX Speed Dial"	
		"FAX Group"	
"Tray Management"	"Tray Management"		

- 
- \*1 This item is available only on the Dell Cloud Multifunction Printer | H815dw.
  - \*2 This item is available only when **RAM Disk** is enabled.
  - \*3 This item is available only when the printer is connected using the wireless network.
  - \*4 This item is available only when the printer is connected using an Ethernet cable.
- 

## Printer Status

Use the **Printer Status** menu to check the status of consumables, hardware, and specifications of the printer. The following pages are displayed in the **Printer Status** menu.

### Printer Status

#### Purpose:

To check the status of the consumables, trays, and covers.

#### Values:

Toner Cartridge		OK	Indicates that there is enough amount of toner for use.
		Replace Soon	Indicates that the toner needs to be replaced soon.
		Replace Now	Indicates that the toner needs to be replaced now.
Consumables	Status	OK	Indicates that the status of the drum cartridge is OK for use.
		Replace Soon	Indicates that the drum cartridge needs to be replaced soon.
		Replace Now	Indicates that the drum cartridge needs to be replaced now.
Paper Trays	Status	OK	Indicates that there is some paper in the tray but the quantity is unknown.
		Add Paper	Indicates that there is no paper in the tray.
	Capacity	Displays the maximum capacity of the paper tray.	
	Size	Displays the size of paper in the tray.	
Output Tray	Status	OK	Indicates that the tray is available.
	Capacity	Displays the maximum capacity of the paper tray.	
Cover	Status	Closed	Indicates that the cover is closed.
		Open	Indicates that the cover is open.
Printer Type	Displays the type of the printer. <b>Laser</b> is displayed normally.		
Printing Speed	Displays the printing speed.		

## Printer Events

### Purpose:

To check the details of all alerts or indications of faults displayed in the **Printer Events** page when any faults such as *Out of Paper* or *Cover is Open* occur.

### Values:

Location	Displays the location where a fault occurred.
Details	Displays the details of the fault.

## Printer Information

### Purpose:

To verify the printer details such as the hardware configuration and software version. This page can also be displayed by clicking **Printer Information** in the left frame.

### Values:

Dell Service Tag Number	Displays Dell service tag number.	
Express Service Code	Displays Dell express service code.	
Asset Tag Number	Displays the asset tag number of the printer.	
Printer Serial Number	Displays the serial number of the printer.	
Memory Capacity	Displays the memory capacity.	
Processor Speed	Displays the processing speed.	
Printer Revision Levels	Firmware Version	Displays the revision date (revision level).

## Printer Jobs

The **Printer Jobs** menu contains information on the **Job List** and **Completed Jobs** pages. These pages show the details of the status regarding each protocol or job.

### Job List

#### Purpose:

To confirm the jobs that are being processed. Click the **Refresh** button to update the screen.

#### Values:

ID	Displays the job ID.
Job Name	Displays the file name of the job being processed.
Owner	Displays the name of the job owner.
Host Name	Displays the name of the host computer.
Job Status	Displays the status of the job being processed.
Job Type	Displays the type of the job.
Host I/F	Displays the status of the host interface.
Job Submitted Time	Displays the date when the job was submitted.

## Completed Jobs

### Purpose:

To check the completed jobs. Up to the last 20 jobs are displayed. Click the **Refresh** button to update the screen.

### Values:

ID	Displays the job ID.
Job Name	Displays the file name of the completed job.
Owner	Displays the name of the job owner.
Host Name	Displays the name of the host computer.
Output Result	Displays the status of the completed job.
Job Type	Displays the type of the job.
Impression Number	Displays the total number of pages for the job.
No. of Sheets	Displays the total number of sheets for the job.
Host I/F	Displays the status of the host interface.
Job Submitted Time	Displays the date when the job was submitted.

## Printer Settings

Use the **Printer Settings** menu to display the **Printer Settings Report**, **Printer Settings**, and **Printer Maintenance** tabs and to configure the printer settings.

The following tabbed pages are displayed at the top of the right frame.

### Printer Settings Report

The **Printer Settings Report** tab includes the **Menu Settings** and **Reports** pages.

#### *Menu Settings*

Use the **Menu Settings** page to display the current settings of the printer menus.

#### *Reports*

### Purpose:

To print various types of reports and lists.

### Values:

System Settings	Click <b>Start</b> to print the System Settings report.
Panel Settings	Click <b>Start</b> to print the Panel Settings report.
PCL Fonts List	Click <b>Start</b> to print the PCL (Hewlett-Packard Printer Control Language) Fonts List.
PCL Macros List	Click <b>Start</b> to print the PCL Macro List.
PS Fonts List	Click <b>Start</b> to print the PS Fonts List.
PDF Fonts List	Click <b>Start</b> to print the PDF Fonts List.
Job History	Click <b>Start</b> to print the Job History report.
Error History	Click <b>Start</b> to print the Error History report.
Print Meter	Click <b>Start</b> to print the Print Meter report.
Demo Page	Click <b>Start</b> to print the Demo Page.
Protocol Monitor	Click <b>Start</b> to print the Protocol Monitor report.



Speed Dial	Click <b>Start</b> to print the Speed Dial report.
Address Book	Click <b>Start</b> to print the Address Book list.
Server Address	Click <b>Start</b> to print the Server Address list.
Fax Activity	Click <b>Start</b> to print the Fax Activity report.
Fax Pending	Click <b>Start</b> to print the Fax Pending list.
Stored Documents <sup>*1</sup>	Click <b>Start</b> to print the Stored Documents list.

<sup>\*1</sup> This item is available only when **RAM Disk** is enabled.

## Printer Settings

The Printer Settings tab includes System Settings, Network Settings, USB Settings, PCL Settings, PS Settings, PDF Settings, Secure Settings, Copy Defaults, Copy Settings, Fax Defaults, Fax Settings, Scan Defaults, Direct Print Defaults/USB Direct Print Defaults<sup>\*1</sup>, and MIFARE Customized Card pages.

<sup>\*1</sup> Direct Print on the Dell Cloud Multifunction Printer | H815dw; USB Direct Print on the Dell Smart Multifunction Printer | S2815dn

### System Settings

#### Purpose:

To configure the basic printer settings.

#### Values:

Power Saver Time - Sleep	Sets the time taken by the printer to enter Sleep mode after it finishes a job.
Power Saver Time - Deep Sleep	Sets the time taken by the printer to enter Deep Sleep mode after it has entered Sleep mode.
mm / inch	Sets the measurement unit to be used on the touch panel as either mm or inches.
Screen Brightness	Sets the brightness level of the touch panel screen.
Control Panel Tone	Sets the volume of the tone that is emitted when the operator panel input is correct, or disables the tone.
Invalid Key Tone	Sets the volume of the tone that is emitted when the operator panel input is incorrect, or disables the tone.
Machine Ready Tone	Sets the volume of the tone that is emitted when the printer becomes ready, or disables the tone.
Copy Completed Tone	Sets the volume of the tone that is emitted when a copy job is complete, or disables the tone.
Job Completed Tone	Sets the volume of the tone that is emitted when a job other than a copy job is complete, or disables the tone.
Fault Tone	Sets the volume of the tone that is emitted when a job ends abnormally, or disables the tone.
Alert Tone	Sets the volume of the tone that is emitted when a problem occurs, or disables the tone.
Out of Paper Tone	Sets the volume of the tone that is emitted when the printer runs out of paper, or disables the tone.
Low Toner Alert Tone	Sets the volume of the tone that is emitted when the toner is low, or disables the tone.
Auto Clear Alert Tone	Sets the volume of the tone that is emitted 5 seconds before the printer performs auto clear, or disables the tone.

NFC Authentication Tone <sup>*1</sup>	Sets the volume of the tone that is emitted when an NFC card is placed on the NFC reader for authentication, or disables the tone.
All Tones	Sets the volume of all the alert tones, or disables all the tones.
Low Toner Alert Message	Alerts you if the toner is low.
OffHook Wake Up	Sets whether to wake up from Sleep or Deep Sleep mode when you pick up the handset of the external telephone.
Auto Log Print	Sets if a job history needs to be printed after every 20 jobs.
RAM Disk	Sets whether to allocate RAM for the file system for the Secure Print, Proof Print, Private Mail Box Print, and Public Mail Box Print features.
Panel Language	Used to set the language on the touch panel.
Max E-mail Size	Sets the maximum size of e-mail that can be sent. The available range is from 50 to 16384 (KB) (Default: 2048).
Auto Reset	Sets the amount of time before the printer automatically resets its settings to the defaults when no additional settings are made.
Fault Time-out	Sets the amount of time the printer waits before canceling a job that stops abnormally.
Default Paper Size	Sets the default print paper size.
Print ID	Sets where to print the user ID on the output paper.
Print Text	Sets whether the printer outputs PDL data (which is not supported by the printer) as text when the printer receives it.
Banner Sheet Insert Position	Sets where to insert a banner sheet in the output.
Banner Sheet Specify Tray	Sets from which tray a banner sheet is fed.
Substitute Tray	Sets whether to use another size paper when the paper that is loaded in the specified tray does not match the paper size settings for the current job.
Letterhead 2 Sided	Sets whether to print on both sides of letterhead.
A4<>Letter Switch	Sets whether to print A4 size jobs on Letter size paper if A4 is not available in the paper trays and vice versa (Letter size job on A4 size paper).
A5<>Statement Switch	Sets whether to print A5 size jobs on Statement size paper if A5 is not available in the paper trays and vice versa (Statement size job on A5 size paper).
Report 2 Sided Print	Sets whether to print reports on both sides a sheet of paper.
Use Another Tray	Sets whether to show a message to select another tray when the specified paper is not available in the paper tray.
Envelope Mode Mismatch	Sets whether to display the alert window when the print job is started without setting to the envelope mode.
Resume Printing After Jam Recovery	Sets whether to reprint or delete the jammed job after jam recovery.
Tap To Print <sup>*1</sup>	Sets whether to add the printer to a mobile device such as a tablet or a smartphone by tapping the device to ( NFC ) of the printer.

<sup>\*1</sup> This item is available only on the Dell Cloud Multifunction Printer | H815dw.

### **Network Settings**

**Purpose:**

To Specify the PostScript 3 Compatible communication protocol for this printer.

**Values:**

PS Data Format	Sets PostScript 3 Compatible communication protocol.
----------------	--

### ***USB Settings***

**Purpose:**

To change USB settings on your printer.

**Values:**

<b>USB Port</b>	Enables the USB interface on your printer.
<b>PS Data Format</b>	Sets PostScript 3 Compatible communication protocol.
<b>Job Time-out</b>	Sets the amount of time the printer waits for data to arrive from the computer.

### ***PCL Settings***

**Purpose:**

To change the PCL settings.

**Values:**

<b>Paper Tray</b>	Sets the paper input tray.
<b>Paper Size</b>	Sets the paper size.
<b>Custom Paper Size - Y</b>	Sets the length of custom size paper. The available range is from 127 mm (5.0 inch) to 355 mm (14.0 inch).
<b>Custom Paper Size - X</b>	Sets the width of custom size paper. The available range is from 77 mm (3.0 inch) to 215 mm (8.5 inch).
<b>Orientation</b>	Sets how text and graphics are oriented on the page.
<b>2 Sided Print</b>	Sets duplexing as the default for all print jobs.
<b>Font</b>	Sets the font from the list of registered fonts.
<b>Symbol Set</b>	Sets a symbol set for the specified font.
<b>Font Size</b>	Sets the font size for scalable typographic fonts.
<b>Font Pitch</b>	Sets the font pitch for scalable mono spaced fonts.
<b>Form Line</b>	Sets the number of lines in a page.
<b>Quantity</b>	Sets the number of copies to print.
<b>Image Enhance</b>	Sets whether to enable the Image Enhancement feature.
<b>Hex Dump</b>	Sets whether to help isolate the source of a print job problem. With Hex Dump selected, all data sent to the printer is printed in hexadecimal and character representation. Control codes are not executed.
<b>Draft Mode</b>	Sets whether to print in the draft mode.
<b>Line Termination</b>	Sets how to handle line terminations.
<b>Ignore Form Feed</b>	Sets whether to ignore blank pages that only contain Form Feed control codes.
<b>A4 Wide</b>	Sets whether to expand the printable area width.
<b>Barcode Mode</b>	Sets whether to enable the barcode mode, which is suitable for barcode printing.

### ***PS Settings***

**Purpose:**

To change printer settings that only affect jobs using the PostScript 3 Compatible emulation printer language.

**Values:**

<b>PS Error Report</b>	Sets whether the contents of the errors concerning PostScript 3 Compatible page description language are printed.
<b>PS Job Time-out</b>	Sets the execution time for one PostScript 3 Compatible job.
<b>Paper Select Mode</b>	Sets the way to select the tray for the PostScript 3 Compatible mode.

### ***PDF Settings***

**Purpose:**

To change the PDF settings.

**Values:**

<b>Quantity</b>	Sets the number of copies.
<b>2 Sided Print</b>	Sets whether to print on both sides of a sheet of paper.
<b>Print Mode</b>	Sets a print mode.
<b>PDF Password</b>	Sets a password.
<b>Re-enter PDF Password</b>	Confirms the set password.
<b>Collation</b>	Sets whether to sort the output.
<b>Output Size</b>	Sets the output paper size.
<b>Layout</b>	Sets the output layout.
<b>Detect Job Separator</b>	Sets whether to detect the end of the job in printing PDF files successively from the USB memory.

## Secure Settings

### Panel Lock

#### Purpose:

To set a limited access to Admin Settings with a password, and to set or change the password.

#### Values:

Panel Lock Control <sup>*1</sup>	Enables/Disables password protection for the Admin Settings.
New Password	Sets a password that is required to access the Admin Settings.
Re-enter Password	Confirms the set password.

<sup>\*1</sup> Some setting items in the Secure Settings are displayed only when this setting item is enabled.

 **NOTE:** You can set the password for the **Dell Printer Configuration Web Tool** from **Set Password** in **Print Server Settings**.

### Functions Control

#### Purpose:

To specify whether to lock the Copy, Scan, Fax, and Print functions with a password, and to set or change the password.

#### Values:

Copy	Sets whether to lock the Copy function with a password.
Scan to E-mail	Sets whether to lock the Scan to Email function with a password.
Fax	Sets whether to lock the Fax function with a password.
Fax Driver	Sets whether to enable or disable the Fax Driver function.
Scan to Network Folder	Sets whether to lock the Scan to Network Folder function with a password.
Scan to Computer	Sets whether to lock the Scan to Computer function with a password.
PC Scan	Sets whether to lock the PC Scan function with a password.
Scan to USB	Sets whether to lock the Scan to USB function with a password.
USB Direct Print	Sets whether to lock the USB Direct Print function with a password.
ID Copy	Sets whether to enable or disable the ID Copy function.
USB Services - Show When Inserted	Sets whether to show a <b>USB Drive Detected</b> screen when a USB memory is inserted into the printer.
New Password	Sets a password that is required to access the Copy, Scan, Fax, and Print functions.
Re-enter Password	Confirms the set password.

 **NOTE:** You can set the password for the **Dell Printer Configuration Web Tool** from **Set Password** in **Print Server Settings**.

### Secure Receive

#### Purpose:


Allows you to password protect all the incoming faxes. When the Secure Receive feature is enabled, the printer stores incoming faxes and prints them when the correct password is entered on the operator panel.

#### Values:

Secure Receive Set	Enables/Disables password protection for all incoming faxes.
New Password	Sets a password to print incoming faxes.
Re-enter Password	Confirms the set password.

 **NOTE:** You can set the password for the **Dell Printer Configuration Web Tool** from **Set Password** in **Print Server Settings**.

## Desktop Login

 **NOTE:** This Desktop Login feature is available on the Dell Smart Multifunction Printer | S2815dn only.

### Purpose:

Select the user authentication method from either local authentication or remote authentication. To use the remote authentication method, the LDAP server or the Kerberos server is required to authenticate the user.

### Values:

Desktop Authentication	Sets the authentication method.
	<b>Local Authentication*</b> Use the local authentication method.
	<b>Remote Authentication</b> Use the authentication by external server.
Authentication System	Click to display the <b>Authentication System</b> page and to specify the authentication system settings.
User Login History	Sets whether to enable the user login history feature.

## Edit E-mail From Fields

### Purpose:

To set whether to enable editing of the transmission source when you use the Scan to Email function.

## Reconfirm Recipients

### Purpose:

To set whether to reconfirm before sending fax or scan jobs.

## Software Download

### Purpose:

To set whether to enable download of firmware updates.

## Display of Network Information

### Purpose:


To set whether to show network information in the message field of the **Home** screen.

## Login Error

### Purpose:

To specify how many times an administrator can attempt to log in to **Panel Lock**, **Functions Control**, and **Secure Receive**.

## NFC Authentication

 **NOTE:** NFC Authentication feature is available on the Dell Cloud Multifunction Printer | H815dw only.

### Purpose:


To set whether to enable the authentication using the NFC authentication card.

## FIPS 140-2 Validation Mode


 **NOTE:** The FIPS 140-2 Validation Mode feature is available on the Dell Smart Multifunction Printer | S2815dn only.

### Purpose:

To set whether to use the FIPS 140-2 Level-1 approved encryption algorithms for RSA modules.

 **NOTE:** Communication using the following protocols will not be encrypted using FIPS 140-2 Level-1 approved encryption algorithms even when FIPS 140-2 Validation Mode is enabled. Users are advised to turn them off manually when FIPS 140-2 Validation Mode is enabled:

- SNMP v3
- SMB
- PDF Direct Print

 **NOTE:** This feature may not be available for certain models.

#### Set Available Time - Copy/Scan/Fax/Print


##### Purpose:

To specify the time to enable the secure setting for the Copy, Scan, Fax, and Print functions.

##### Values:

Set Available Time	Allows you to set the available time period for the Copy, Scan, Fax, and Print functions.
Start Time	Sets the start time of the available time period for the Copy, Scan, Fax, and Print functions.
End Time	Sets the end time of the available time period for the Copy, Scan, Fax, and Print functions.
Recurrence	Sets the day of the week to repeat the setting.

#### Secure Job Expiration

 **NOTE:** Secure Job Expiration feature is available only when **RAM Disk** is enabled.

##### Purpose:

To specify the date and time to delete the files stored as Secure Print in the RAM disk.

##### Values:

Expiration Mode	Allows you to set the date to delete the files stored as Secure Print in the RAM disk.
Expiration Time	Sets the time to delete the files stored as Secure Print in the RAM disk.
Recurrence	Sets the period to repeat the setting.
Weekly Settings	Sets the day of the week to repeat the setting.
Monthly Settings	Sets the day of the month to repeat the setting.

#### **Copy Defaults**

##### Purpose:

To create your own default Copy settings.

##### Values:

Select Tray	Sets the default input tray.
Collation	Sets whether to sort a copy job.
Reduce/Enlarge	Sets the default reduction/enlargement ratio.
Custom Reduce/Enlarge	Sets the custom reduction/enlargement ratio.
Original Size	Sets the paper size of the original.
Original Type	Sets the type of the original.
Darken/Lighten	Sets the default copy density.
Sharpness	Sets the default sharpness level.
Auto Exposure	Sets whether to suppress the background of the original to enhance text on the copy.

---


Auto Exposure Level	Sets the background suppression level.
---------------------	--

---

### ***Copy Settings***

#### **Purpose:**

To configure the Copy settings.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

#### **Values:**

---


2 Sided Copying	Sets whether to print on both sides of a sheet of paper.	
Binding of Original	Sets the binding position for the 2-sided copying.	
2-Up	Off*	Does not perform multiple-up printing.
	Auto	Automatically reduces the original pages to fit onto one sheet of paper.
	Manual	Prints the original pages onto one sheet of paper in the size specified for Reduce/Enlarge.
Margin Top/Bottom	Sets the value of the top and bottom margins within the range of 0 mm (0.0 inch) to 50 mm (2.0 inch).	
Margin Left/Right	Sets the value of the left and right margins within the range of 0 mm (0.0 inch) to 50 mm (2.0 inch).	
Margin Middle	Sets the value of the middle margin within the range of 0 mm (0.0 inch) to 50 mm (2.0 inch).	

---

### ***Fax Defaults***

#### **Purpose:**

To create your own default Fax settings.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

#### **Values:**

---

Resolution	Standard*	Suitable for documents with normal sized characters.
	Fine	Suitable for documents containing small characters or thin lines or documents printed using a dot-matrix printer.
	Super Fine	Suitable for documents containing extremely fine detail. The super fine mode is enabled only if the remote machine also supports the Super Fine resolution.
	Photo	Suitable for documents containing photographic images.
2 Sided Scanning	Sets whether to scan both sides of a document.	
Binding of Original	Sets the binding position for the 2-sided scanning.	
Darken/Lighten	Sets the default density to fax your documents lighter or darker.	
Delayed Send	Sets the fax transmission start time when sending a fax at a specified time.	


---

### ***Fax Settings***

#### **Purpose:**

To configure the Fax settings.

 **NOTE:** You cannot set up the items on the **Fax Settings** page unless you set up the country code under **Country**.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.



Values:

<b>Fax Number</b>	Allows you to enter the fax number of the printer, which will be printed on the header of faxes.
<b>Country</b>	Sets the country where the printer is used.
<b>Fax Header Name</b>	Allows you to enter a name that will be printed on the header of faxes.
<b>Line Type</b>	Sets the default line type; PSTN or PBX.
<b>Line Monitor</b>	Sets the volume of the line monitor, which audibly monitors a transmission through the internal speaker until a connection is made.
<b>DRPD Pattern</b>	Sets the Distinctive Ring Pattern Detection (DRPD) setting from <b>Pattern1</b> to <b>Pattern7</b> . DRPD is a service provided by some telephone companies.
<b>Receive Mode</b>	<b>Telephone</b> Automatic fax reception is turned off. You can receive a fax by picking up the handset of the external telephone and then pressing a remote receive code, or by tapping <b>Receive</b> in <b>On Hook</b> and then tapping <b>Receive</b> . For details about <b>Manual Receive</b> , see "Receiving a Fax Manually in the Telephone Mode."
	<b>Fax*</b> Automatically receives faxes.
	<b>Telephone/Fax</b> When the printer receives an incoming fax, the external telephone rings for the time specified in <b>Auto Receive Tel/Fax</b> , and then the printer automatically receives a fax. If an incoming call is not a fax, the printer beeps from the internal speaker indicating that the call is a telephone call.
	<b>Ans Machine/Fax</b> The printer can share a telephone line with an answering machine. In this mode, the printer will monitor the fax signal and pick up the line if there are fax tones. If the telephone communication in your country is serial, this mode is not supported.
	<b>DRPD</b> Before using the Distinctive Ring Pattern Detection (DRPD) option, a distinctive ring service must be installed on your telephone line by the telephone company. After the telephone company has provided a separate number for faxing with a distinctive ring pattern, configure the fax setup to monitor for that specific ring pattern.
<b>Ring Tone Volume</b>	Sets the volume of the ring tone, which indicates that an incoming call is a telephone call through the internal speaker when <b>Receive Mode</b> is set to <b>Telephone/Fax</b> .
<b>Auto Receive Fax</b>	Sets the interval at which the printer goes into the fax receive mode after answering an incoming call.
<b>Auto Receive Tel/Fax</b>	Sets the interval at which the printer goes into the fax receive mode after the external telephone receives an incoming call.
<b>Auto Receive Answer/Fax</b>	Sets the interval at which the printer goes into the fax receive mode after the external answering machine receives an incoming call.
<b>Junk Fax Setup</b>	Sets whether to reject unwanted faxes by accepting only the faxes from the numbers registered in the Phone Book
<b>2 Sided Printing</b>	Sets whether to print on both sides of a sheet of paper.
<b>Remote Receive</b>	Sets whether to receive a fax by pressing a remote receive code on the external telephone.
<b>Remote Receive Tone</b>	Sets a 2-digit remote receive code when <b>Remote Receive</b> is <b>On</b> .
<b>Discard Size</b>	Sets whether to delete text or images at the bottom of a fax page when the entire page does not fit onto the output paper. Selecting <b>Auto Reduction</b> automatically reduces the fax page to fit it onto the output paper, and does not discard any images or text at the bottom of the page.
<b>Received Fax Forward</b>	Sets whether to forward incoming faxes to a specified destination.
<b>Forwarding Number</b>	Allows you to enter the fax number of the destination to which incoming faxes will be forwarded.
<b>Forwarding E-mail Address 1</b>	Allows you to enter the e-mail address to which incoming faxes are to be forwarded.

Forwarding E-mail Address 2	Allows you to enter the e-mail address to which incoming faxes are to be forwarded.
Forwarding E-mail Address 3	Allows you to enter the e-mail address to which incoming faxes are to be forwarded.
Forwarding E-mail Address 4	Allows you to enter the e-mail address to which incoming faxes are to be forwarded.
Forwarding E-mail Address 5	Allows you to enter the e-mail address to which incoming faxes are to be forwarded.
Server Type	Sets the server type.
Server Address	Sets the server address registered under the server ID.
Server Port Number	Sets the server port number.
Login Name	Sets the login name.
Login Password	Sets the login password.
Re-enter Password	Enter the password again to confirm it.
Share Name	Sets the shared name.
Server Path	Sets the server path.
Redial Attempts	Sets the number of redial attempts (0–13) to make if the destination fax number is busy. If you enter 0, the printer will not redial.
Interval of Redial	Sets the interval (1–15 minutes) between redial attempts.
Resend Delay	Sets the interval (3–255 seconds) between re-send attempts.
Tone/Pulse	Sets whether to use tone or pulse dialing.
Prefix Dial	Sets whether to set a prefix dial number.
Prefix Dial Number	Sets a prefix dial number of up to five digits. This number dials before any auto dial number is started. It is useful for accessing the Private Automatic Branch Exchange (PABX).
Fax Cover Page	Sets whether to attach a cover page to faxes.
Fax Header <sup>*1</sup>	Sets whether to print the information of the sender on the header of faxes.
ECM	Sets whether to enable the Error Correction Mode (ECM). To use the ECM, the remote machines must also support the ECM.
Modem Speed	Allows you to adjust the fax modem speed when a fax transmission or reception error occurs.
Display Manual Fax Recipients	Sets whether to show the fax number of the recipient on the <b>Sending Fax</b> screen when manually sending a fax.
Fax Activity	Sets whether to automatically print a fax activity report after every 50 incoming and outgoing fax communications.
Fax Transmit	Sets whether to print a transmission report after every fax transmission or only when an error occurs.
Fax Broadcast	Sets whether to print a transmission report after every fax transmission to multiple destinations or only when an error occurs.
Fax Protocol	Sets whether to print the protocol monitor report after every fax transmission or only when an error occurs.

<sup>\*1</sup> This item is not available when **Country** is set to **United States**.

### **Scan Defaults**

#### **Purpose:**

To create your own default Scan settings.

#### **Values:**

<b>File Format</b>	Sets the file format in which scanned documents are to be saved.
<b>Output Color</b>	Sets whether to scan in color or in black and white.
<b>Resolution</b>	Sets the default scan resolution.
<b>Original Size</b>	Sets the paper size of the original.
<b>2 Sided Scanning</b>	Sets whether to scan both sides of a document.
<b>Binding of Original</b>	Sets the binding position for the 2-sided scanning.
<b>Darken/Lighten</b>	Sets the default scan density.
<b>Sharpness</b>	Sets the default sharpness level.
<b>Contrast</b>	Sets the default contrast level.
<b>Auto Exposure</b>	Sets whether to suppress the background of the original to enhance text on the scanned data.
<b>Auto Exposure Level</b>	Sets the default background suppression level.
<b>Margin Top/Bottom</b>	Sets the value of the top and bottom margins within the range of 0 mm (0.0 inch) to 50 mm (2.0 inch).
<b>Margin Left/Right</b>	Sets the value of the left and right margins within the range of 0 mm (0.0 inch) to 50 mm (2.0 inch).
<b>Margin Middle</b>	Sets the value of the middle margin within the range of 0 mm (0.0 inch) to 50 mm (2.0 inch).
<b>TIFF File Format</b>	Sets the TIFF file format to TIFF V6 or TTN2.
<b>Image Compression</b>	Sets the image compression level.
<b>File Naming Mode</b>	Sets the detailed settings of <b>File Naming Mode</b> to <b>Auto</b> , <b>Add Prefix</b> or <b>Add Suffix</b> .
<b>Prefix/Suffix String</b>	Sets the texts that are added when <b>Add Prefix</b> or <b>Add Suffix</b> are selected.
<b>Create Folder</b>	Sets whether to create a folder when saving scanned documents.

### **Direct Print Defaults/USB Direct Print Defaults**



**NOTE:** Direct Print Defaults feature is available on the Dell Cloud Multifunction Printer | H815dw; USB Direct Print Defaults feature is available on the Dell Smart Multifunction Printer | S2815dn.

#### **Purpose:**

To create your own **Direct Print Defaults/USB Direct Print Defaults** setting.

#### **Values:**

<b>Select Tray</b>	Sets the default input tray.
<b>2 Sided Printing</b>	Sets whether to print on both sides of a sheet of paper.
<b>Layout</b>	Sets the default paper layout when <b>Layout</b> is selected.
<b>Image Types</b>	Sets the print image quality when printing documents.
<b>Collation</b>	Sets whether to sort the output.
<b>PDF Password</b>	Sets a password.
<b>Re-enter PDF Password</b>	Confirms the set password.

### ***MIFARE Customized Card***

 **NOTE:** MIFARE Customized Card feature is available on the Dell Cloud Multifunction Printer | H815dw only.

**Purpose:**

To register SSFC formatted NFC ID cards.

**Values:**

User ID Block 1	Allows you to register the MIFARE Customized Card.
User ID Block 2	Allows you to register the MIFARE Customized Card.
User ID Block 3	Allows you to register the MIFARE Customized Card.

### **Printer Maintenance**

The Printer Maintenance tab includes the Paper Density, Adjust Transfer Unit, Adjust Fusing Unit, Adjust Density, Chart, Clean Developer, Clean Transfer Unit, Reset Defaults, Initialize PrintMeter, Storage, Non-Dell Toner, Adjust Altitude, Decrease Electrostatic Memory, Decrease Ghosting, Clock Settings, and Web Link Customization pages.

#### ***Paper Density***

**Purpose:**

To specify the paper density.

**Values:**


Plain	Sets the density of plain paper to <b>Light</b> (<81g/m <sup>2</sup> ) or <b>Normal</b> .
-------	---

#### ***Adjust Transfer Unit***

**Purpose:**

To specify the optimum voltage settings for printing for the transfer unit. To lower the voltage, set negative values. To increase, set positive values.

The default settings may not give the best output quality on all paper types. If you see mottles on the printed paper, try to increase the voltage. If you see white spots on the printed paper, try to decrease the voltage.

 **CAUTION:** The print quality changes depending on the setting values you select for this item.

**Values:**

Plain(60-80g/m <sup>2</sup> )	Sets the reference voltage setting for the transfer unit for plain paper within the range of -5 to 10.
Plain Thick(81-105g/m <sup>2</sup> )	Sets the reference voltage setting for the transfer unit for thick plain paper within the range of -5 to 10.
Covers(106-163 g/m <sup>2</sup> )	Sets the reference voltage setting for the transfer unit for cover paper within the range of -5 to 10.
Covers Thick (164-216 g/m <sup>2</sup> )	Sets the reference voltage setting for the transfer unit for thick cover paper within the range of -5 to 10.
Rough Surface	Sets the reference voltage setting for the transfer unit for rough surface paper within the range of -5 to 10.
Label	Sets the reference voltage setting for the transfer unit for labels within the range of -5 to 10.
Envelope	Sets the reference voltage setting for the transfer unit for envelopes within the range of -5 to 10.
Japanese Postcard	Sets the reference voltage setting for the transfer unit for Japanese postcards within the range of -5 to 10.

### **Adjust Fusing Unit**

#### **Purpose:**

To specify the optimum temperature settings for printing for the fusing unit. To lower the temperature, set negative values. To increase, set positive values.

The default settings may not give the best output on all paper types. When the printed paper has curled, try to lower the temperature. When the toner does not fuse on the paper properly, try to increase the temperature.

 **NOTE:** The print quality changes depending on the setting values you select for this item.

#### **Values:**

Plain(60-80g/m <sup>2</sup> )	Sets the temperature settings for the fusing unit for plain paper within the range of -3 to 3.
Plain Thick(81-105g/m <sup>2</sup> )	Sets the temperature settings for the fusing unit for thick plain paper within the range of -3 to 3.
Covers(106-163 g/m <sup>2</sup> )	Sets the temperature settings for the fusing unit for cover paper within the range of -3 to 3.
Covers Thick (164-216 g/m <sup>2</sup> )	Sets the temperature settings for the fusing unit for thick cover paper within the range of -3 to 3.
Rough Surface	Sets the temperature settings for the fusing unit for rough surface paper within the range of -3 to 3.
Label	Sets the temperature settings for the fusing unit for labels within the range of -3 to 3.
Envelope	Sets the temperature settings for the fusing unit for envelopes within the range of -3 to 3.
Japanese Postcard	Sets the temperature settings for the fusing unit for Japanese postcards within the range of -3 to 3.

### **Adjust Density**

#### **Purpose:**

To adjust the density level.

#### **Values:**

Darker3	Adjusts the density level darker than the normal setting.
Darker2	
Darker1	
Normal	Works well with standard typed or printed documents.
Lighter1	Adjusts the density level lighter than the normal setting.
Lighter2	
Lighter3	

### **Chart**

#### **Purpose:**

To print various charts that can be used for diagnosis of the printer.

#### **Values:**

Pitch Chart	<b>Print</b>	Prints a full halftone page. Also prints a page to check the pitch. A total of two pages are printed.
Full Page Solid	<b>Print</b>	Prints a chart of the full page solid. <b>1-Sided</b> Prints a chart on one side of the paper. <b>2-Sided</b> Prints a chart of the full page solid on both sides of the paper.
Alignment Chart	<b>Print</b>	Prints a chart to check for proper alignment of the print image on the paper.

### ***Clean Developer***

**Purpose:**

To stir the developer in the drum cartridge.

**Values:**

Clean Developer	Start	Stirs the developer in the drum cartridge.
Toner Refresh	Start	Expels the toner in the drum cartridge, and supplies the fresh toner from the toner cartridge.

### ***Clean Transfer Unit***

**Purpose:**

To clean the transfer unit.

**Values:**

Clean Transfer Unit	Start	Cleans the transfer unit.
---------------------	-------	---------------------------

### ***Reset Defaults***

**Purpose:**

To initialize the non-volatile (NV) memory. After executing this function and rebooting the printer, all the menu parameters are reset to their default values.

**Values:**

Reset Defaults	Reset Defaults User Fax Section and restart printer.	Click <b>Start</b> to reset the fax number entries in the Address Book.
	Reset Defaults User Scan Section and restart printer.	Click <b>Start</b> to reset the e-mail and server address entries in the Address Book.
	Reset Defaults User Account Section and restart printer.* <sup>1</sup>	Click <b>Start</b> to reset the user account entries.
	Reset Defaults User App Section and restart printer* <sup>1</sup>	Click <b>Start</b> to reset the user application entries.
	Reset Defaults System Section and restart printer.	Click <b>Start</b> to reset the system parameters.
Power On Wizard	Power On Wizard	Click <b>Start</b> to perform the initial setup for the printer.

\*<sup>1</sup> This item is available on the Dell Cloud Multifunction Printer | H815dw only.

### ***Initialize PrintMeter***

**Purpose:**

To initialize the print meter of the printer. When the print meter is initialized, the meter count is reset to 0.

### ***Storage***



**NOTE:** Storage feature is available only when **RAM Disk** is enabled.

**Purpose:**

To clear all files stored in the RAM disk.

Values:

Clear Storage* <sup>1</sup>	All Clear	Click <b>Start</b> to clear all files stored as Secure Print, Proof Print, Private Mail Box Print, and Public Mail Box Print in the RAM disk.
	Secure Document	Click <b>Start</b> to clear all files stored as Secure Print, Proof Print, Private Mail Box Print, and Public Mail Box Print in the RAM disk.
	Stored Document	Click <b>Start</b> to clear all files stored in the RAM disk.

\*<sup>1</sup> This item is available only when **RAM Disk** is enabled.

### ***Non-Dell Toner***

Purpose:

To use toner cartridge of another manufacturer.

 **WARNING:** Using a non-Dell toner cartridge may severely damage your printer. The warranty does not cover damages caused by using non-Dell toner cartridges.

### ***Adjust Altitude***

Purpose:

To specify the altitude of the location where the printer is installed.

The discharge phenomenon for charging the photo conductor varies with barometric pressure. Adjustments are performed by specifying the altitude of the location where the printer is being used.

### ***Decrease Electrostatic Memory***

Purpose:

To widen the print gap not to leave toner streak on the next page.

 **NOTE:** When **Decrease Electrostatic Memory** is set to **On**, the print speed will be slowed.

### ***Decrease Ghosting***

Purpose:

To reduce negative ghost.

### ***Clock Settings***

Purpose:

To specify the clock settings.

Values:

Date Format	Sets the date format; YYYY/MM/DD, MM/DD/YYYY, or DD/MM/YYYY.
Time Format	Sets the time format; 24 Hour Clock or 12 Hour Clock.
Time Zone	Sets the time zone.
Set Date	Sets the current date.
Set Time	Sets the current time.

### **Web Link Customization**

#### **Purpose:**

To specify a link used for ordering consumables, which can be accessed from **Order Supplies at:** in the left frame.

#### **Values:**

Select Reorder URL	Sets a URL to be linked to <b>Order Supplies at:</b>
Regular	Displays the regular URL ( <a href="http://accessories.us.dell.com/sna">http://accessories.us.dell.com/sna</a> ) that can be linked to <b>Order Supplies at:</b> .
Premier	Displays the premier URL ( <a href="http://premier.dell.com">http://premier.dell.com</a> ) that can be linked to <b>Order Supplies at:</b> .

### **Print Server Settings**

Use the **Print Server Settings** menu to set the type of printer interface and the necessary conditions for communication.

The following tabbed pages are displayed in the top of the right frame.

#### **Print Server Reports**

The **Print Server Reports** tab includes the **Print Server Setup Page** and the **E-Mail Server Setup Page**.

#### **Print Server Setup Page**

Displays the current settings of TCP/IP (Transmission Control Protocol/Internet Protocol) and printing ports.

#### **E-Mail Server Setup Page**

Displays the current settings of the e-mail server.

#### **Print Server Settings**

The **Print Server Settings** tab includes the **Basic Information**, **Port Settings**, **TCP/IP**, **SMB**, **E-Mail Server**, **Bonjour (mDNS)**, **SNMP**, **Scan to Network Folder**, **SNTP**, **AirPrint**, **Mopria**, **Google Cloud Print**, **Dell Document Hub<sup>\*1</sup>**, **Proxy Server**, **Wi-Fi<sup>\*1</sup>**, **Wi-Fi Direct<sup>\*1</sup>**, and **Reset Print Server** pages.

<sup>\*1</sup> This item is available only on the Dell Cloud Multifunction Printer | H815dw.

#### **Basic Information**


##### **Purpose:**

To configure basic information of the printer.

##### **Values:**

System Settings	<b>Printer Name</b>	Sets the name of the printer.
	<b>Location</b>	Sets the location of the printer.
	<b>Contact Person</b>	Sets the contact name, number, and other information of the printer administrator and service center.
	<b>Administrator E-Mail Address</b>	Sets the contact address of the printer administrator and service center.
	<b>Asset Tag Number</b>	Enters the asset tag number for the printer.
Dell Printer Configuration Web Tool Settings	<b>Auto Refresh</b>	Automatically refreshes the contents of the status display pages.
	<b>Auto Refresh Interval</b>	Sets the time interval for refreshing the contents of the status display pages automatically from 15 to 600 seconds.



 **NOTE:** The **Auto Refresh** feature is effective for the contents of the top frame, **Printer Status** page, **Job List** page, and **Completed Jobs** page.

### Port Settings


#### Purpose:

To enable or disable printing ports and management protocol features.

#### Values:

Ethernet <sup>*1</sup>	Ethernet Settings	Auto	Detects the Ethernet transmission rate and the duplex settings automatically.
		10Base-T Half-Duplex	Selects 10Base-T Half-Duplex as the default value.
		10Base-T Full-Duplex	Selects 10Base-T Full-Duplex as the default value.
		100Base-TX Half-Duplex	Selects 100Base-TX Half-Duplex as the default value.
		100Base-TX Full-Duplex	Selects 100Base-TX Full-Duplex as the default value.
		1000Base-T Full-Duplex	Selects 1000Base-T Full-Duplex as the default value.
		Current Ethernet Settings	Displays the current settings of the Ethernet.
		MAC Address	Displays the MAC address of the printer.
	Energy Efficient Ethernet	Sets whether to enable the Energy Efficient Ethernet feature.	
Port Status	LPD	Sets whether to enable LPD.	
	Port9100	Sets whether to enable Port9100.	
	IPP	Sets whether to enable IPP.	
	WSD Print	Sets whether to enable Web Services on Devices (WSD) Print.	
	WSD Scan	Sets whether to enable Web Services on Devices (WSD) Scan.	
	Network TWAIN	Sets whether to enable Network TWAIN	
	FTP	Sets whether to enable FTP.	
	SMB	Sets whether to enable SMB.	
	Bonjour (mDNS)	Sets whether to enable Bonjour (mDNS).	
	E-Mail Alert	Sets whether to enable E-Mail Alert.	
	Telnet	Sets whether to enable Telnet.	
	SNMP	Sets whether to enable SNMP.	
	Update Address Book	Sets whether to enable Update Address Book.	
	SNTP	Sets whether to enable SNTP.	
	Google Cloud Print	Sets whether to enable Google Cloud Print.	
Print from Widget Apps	Sets whether to enable printing from the widget apps.		
Scan to Widget Apps	Sets whether to enable scanning to the widget apps.		

\*1 This item is available only when the printer is connected using an Ethernet cable.

 **NOTE:** The settings in the **Port Settings** page will be valid only when the printer is rebooted. When you change or configure the settings, click the **Apply New Settings** button to apply the new settings.

## TCP/IP

### Purpose:

To configure the IP address, subnet mask, and gateway address of the printer.

### Values:

TCP/IP Settings	IP Mode	Sets the IP mode.	
	Host Name	Sets the host name.	
	IPv4	IP Address Mode	Sets the method for acquiring the IP address.
		Manual IP Address	When an IP address is being set manually, the IP is allocated to the printer using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255.
		Manual Subnet Mask	When an IP address is being set manually, the subnet mask is specified using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255. 255.255.255.255 cannot be specified as the subnet mask.
		Manual Gateway Address	When an IP address is being set manually, the gateway address is specified using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255. 127 and any value in the range of 224 to 254 cannot be specified for the first octet of a gateway address.
	IPv6	Enable Stateless Address	Select the check box to enable the stateless address.
		Use Manual Address	Select the check box to set the IP address manually.
		Get IP Address from DHCP	Allows you to enable or disable the automatic setting of the IP address via DHCP.
		Manual Address	Sets the IP address. To specify an IPv6 address, enter the address followed by a slash (/) and then "64". For details, consult your system administrator.
Manual Gateway Address		Sets the gateway address.	
DNS	DNS Domain Name	Sets the DNS domain name.	
	IPv4	Get DNS Server Address from DHCP	Allows you to enable or disable the automatic setting of the DNS server address via DHCP.
		Manual DNS Server Address	Manually sets the DNS server address in xxx.xxx.xxx.xxx format when <b>Get DNS Server Address from DHCP</b> is not selected.
	IPv6	Get DNS Server Address from DHCPv6-lite	Select the check box to get the DNS server address automatically from the DHCPv6-lite server.
		Manual DNS Server Address	Sets the DNS server address.
	DNS Dynamic Update (IPv4)	Select the check box to enable dynamic updates to DNS.	
	DNS Dynamic Update (IPv6)	Select the check box to enable dynamic updates to DNS.	

	<b>Auto Generate Search List</b>	Select the check box to automatically generate the search list.
	<b>Search Domain Name</b>	Sets the search domain name. Up to 255 alphanumeric characters, periods, and hyphens can be used. If you need to specify more than one domain name, separate them using a comma or semicolon.
	<b>Time-out</b>	Sets the time-out period between 1 and 60 seconds.
	<b>Priority to IPv6 DNS Name Resolution</b>	Select the check box to enable the DNS Name Resolution feature.
<b>WINS</b>	<b>WINS Mode</b>	Allows you to enable or disable the automatic setting of the primary and secondary WINS server addresses via DHCP.
	<b>WINS Primary Server</b>	Manually sets the primary WINS server address in xxx.xxx.xxx.xxx format when <b>WINS Mode</b> is not selected.
	<b>WINS Secondary Server</b>	Manually sets the secondary (backup) WINS server address in xxx.xxx.xxx.xxx format when <b>WINS Mode</b> is not selected.
<b>LPD</b>	<b>Connection Time-Out</b>	Sets the connection time-out period from 1 to 3,600 seconds.
	<b>IP Filter (IPv4)</b>	Click <b>IP Filter (IPv4)</b> to set the IP Filter settings on the <b>IP Filter (IPv4)</b> page.
<b>Port9100</b>	<b>Port Number</b>	Sets the port number from 9000 to 9999.
	<b>Connection Time-Out</b>	Sets the connection time-out period between 1 and 3,600 seconds.
	<b>IP Filter (IPv4)</b>	Click <b>IP Filter (IPv4)</b> to set the IP filter settings on the <b>IP Filter (IPv4)</b> page.
<b>IPP</b>	<b>Printer URI</b>	Displays the printer URI.
	<b>Connection Time-Out</b>	Sets the connection time-out period from 1 to 1,000 seconds.
	<b>Port Number</b>	Displays the port number for receiving requests from the client.
	<b>Maximum Sessions</b>	Displays the maximum number of connections received simultaneously by the client.
<b>WSD</b>	<b>Port Number</b>	Sets the port number to 80 or from 8000 to 9999.
	<b>Receive Time-Out</b>	Sets the receive time-out period from 1 to 65,535 seconds.
	<b>Notification Time-Out</b>	Sets the notification time-out period from 1 to 60 seconds.
	<b>Maximum Number of TTL</b>	Sets the maximum number of TTL from 1 to 10.
	<b>Maximum Number of Notification</b>	Sets the maximum number of notifications from 10 to 20.
<b>Network TWAIN</b>	<b>Connection Time-Out</b>	Sets the connection time-out period between 1 and 65,535 seconds.
<b>FTP</b>	<b>Password</b>	Sets the password for FTP.
	<b>Re-enter Password</b>	Enter the password again to confirm it.
	<b>Connection Time-Out</b>	Sets the connection time-out period from 1 to 1,000 seconds.

HTTP	Port Number	Sets the port number to 80 or from 8000 to 9999.
	Simultaneous Connections	Displays the maximum number of simultaneous connections.
	CSRF Protection	Select the check box to enable the CSRF Protection.
	Connection Time-Out	Sets the connection time-out period from 1 to 255 seconds.
Telnet	Password	Sets the password for Telnet.
	Re-enter Password	Confirms the set password.
	Connection Time-Out	Sets the connection time-out period from 1 to 1,000 seconds.
Update Address Book	Connection Time-Out	Sets the connection time-out period from 1 to 65,535 seconds.

### **SMB**

#### **Purpose:**

To specify the setting of the Server Message Block (SMB) protocol.

#### **Values:**

Host Name	Sets the host name of the server computer.
Workgroup	Sets the workgroup.
Maximum Sessions	Sets the maximum number of sessions.
Unicode Support	Sets whether to notify the host name and workgroup name in Unicode characters during SMB transmission.
Auto Master Mode	Sets whether to enable the Auto Master Mode.
Encrypt Password	Sets whether to encrypt the password.
Job Time-Out	Sets the job time-out period between 60 and 3,600 seconds.
Connection Time-Out	Sets the connection time-out period between 60 and 3,600 seconds.

### **E-Mail Server**

#### **Purpose:**

To configure detailed settings of E-Mail Server, E-Mail Alert and E-Mail Report. This page can also be displayed by clicking **E-Mail Server Settings Overview** in the left frame.

#### **Values:**

E-Mail Server Settings	Primary SMTP Gateway	Sets the primary SMTP gateway.
	SMTP Port Number	Sets the SMTP port number. This must be between 1 and 65535.
	E-Mail Send Authentication	Sets the authentication method for outgoing e-mail.
	SMTP Login User	Sets the SMTP login user. Up to 63 alphanumeric characters, periods, hyphens, underscores, and at symbols (@) can be used. If specifying more than one address, separate them using commas.
	SMTP Login Password	Sets the SMTP account password using up to 31 alphanumeric characters.
	Re-enter SMTP Login Password	Confirms the set SMTP account password.

	POP3 Server Address <sup>*1</sup>	Sets the POP3 server address in IP address format of "aaa.bbb.ccc.ddd" or as a DNS host name using up to 63 characters.	
	POP3 Port Number <sup>*1</sup>	Sets the POP3 server port number. This must be between 1 and 65535.	
	POP User Name <sup>*1</sup>	Sets the POP3 account user name. Up to 63 alphanumeric characters, periods, hyphens, underscores, and at symbols (@) can be used. If specifying more than one address, separate them using commas.	
	POP User Password <sup>*1</sup>	Sets the POP3 account password using up to 31 alphanumeric characters.	
	Re-enter POP User Password <sup>*1</sup>	Confirms the set password.	
	Reply Address	Designates the reply e-mail address sent with each E-mail Alert.	
	SMTP Server Connection	Displays the status of the SMTP server connection.	
E-Mail Alert Settings	E-Mail List 1	Sets acceptable e-mail addresses for the E-Mail Alert feature using up to 255 alphanumeric characters.	
	Select Alerts for List 1	Supplies Alerts	Select the check box to receive an E-Mail Alert for consumables.
		Paper Handling Alerts	Select the check box to receive an E-Mail Alert for paper handling.
		Service Call	Select the check box to receive an E-Mail Alert for Service Calls.
	E-Mail List 2	Sets acceptable e-mail addresses for the E-Mail Alert feature using up to 255 alphanumeric characters.	
	Select Alerts for List 2	Supplies Alerts	Select the check box to receive an E-Mail Alert for consumables.
		Paper Handling Alerts	Select the check box to receive an E-Mail Alert for paper handling.
		Service Call	Select the check box to receive an E-Mail Alert for Service Calls.
	E-Mail Report Settings	History Report	Sets whether to receive the job history report by e-mail after every 20 print, copy, scan, and fax jobs.
Statistics Report		Sets whether to receive the statistic report by e-mail on the use of print, copy, scan, and fax.	
Volume Report		Sets whether to receive the print volume report by e-mail.	
Transmission Time		Sets what time the reports are sent.	
Recurrence		Sets at what recurrence the reports are sent.	
Weekly Settings (for Weekly only)		Sets the day of the week the reports are sent.	
Monthly Settings (for Monthly only)		Sets the day of the month the reports are sent.	
Destination E-Mail Address 1		Allows you to enter the e-mail address to which the reports are sent to.	
Destination E-Mail Address 2		Allows you to enter the e-mail address to which the reports are sent to.	

<sup>\*1</sup> This item is available only when **POP before SMTP (Plain)** or **POP before SMTP (APOP)** for **E-Mail Send Authentication** is selected.

### ***Bonjour (mDNS)***

#### **Purpose:**

To configure the detailed settings of Bonjour.

#### **Values:**

<b>Host Name</b>	Sets the host name up to 63 alphanumeric characters and "-" (dash).
<b>Printer Name</b>	Sets the printer name up to 63 alphanumeric characters and symbol sets.
<b>Wide-Area Bonjour</b>	Select the check box to enable the Wide-Area Bonjour protocol.

### ***SNMP***

#### **Purpose:**

To configure the detailed settings of SNMP.

#### **Values:**

<b>SNMP Configuration</b>	<b>Enable SNMP v1/v2c Protocol</b>	Select the check box to enable the SNMP v1/v2c protocol.
	<b>Edit SNMP v1/v2c Properties</b>	Click to display the <b>SNMP v1/v2c</b> page and to edit the setting of SNMP v1/v2c protocol from the page.
	<b>Enable SNMP v3 Protocol</b>	Select the check box to enable the SNMP v3 protocol.
	<b>Edit SNMP v3 Properties</b>	Click to display the <b>SNMP v3</b> page and to edit the setting of SNMP v3 protocol from the page. You can click this item only when SSL/TLS communication is enabled.

### ***SNMP v1/v2c***

#### **Purpose:**

To edit the detailed settings of SNMP v1/v2c protocol.

To enter this page, click **Edit SNMP v1/v2c Properties** in the **SNMP** page.

#### **Values:**

<b>Community Name</b>	<b>Community Name (Read only)<sup>*1</sup></b>	Sets the community name to access (read only) data using up to 31 alphanumeric characters. The default Read Community is public.
	<b>Re-enter Community Name (Read only)<sup>*1</sup></b>	Enters the community name to access (read only) data again to confirm it.
	<b>Community Name (Read/Write)<sup>*1</sup></b>	Sets the community name to access (read and write) data using up to 31 alphanumeric characters. The default Read/Write Community is private.
	<b>Re-enter Community Name (Read/Write)<sup>*1</sup></b>	Enters the community name to access (read and write) data again to confirm it.
	<b>Community Name (Trap)<sup>*1</sup></b>	Sets the community name used for trap up to 31 alphanumeric characters. The default Trap Community is "" (NULL).
	<b>Re-enter Community Name (Trap)<sup>*1</sup></b>	Enters the community name used for trap again to confirm it.

Trap Notification 1-4	Trap Address Type	Select the check boxes to notify trap occurrence. In this case, specify the IP address and IP socket in the following format:
	Trap Address	
	Port Number	IPv4
	Notify Network <sup>*2</sup>	Specify the IP address and IP socket in the nnn.nnn.nnn.nnn:mmmmm format. Each section of "nnn" is a variable value between 0 and 255. Note that values 127 and 224-254 are not valid for the first three-digits only. IP socket mmmmm is a variable value between 0 and 65535.
		IPv6
		Specify the IP address and IP socket in the xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:mmmmm format. Each section of "xxxx" is a hexadecimal variable value between 0 and ffff. IP socket mmmmm is a variable value between 0 and 65535.
	Authenticate Error Trap	Select the check box to notify Authenticate Error Trap.

\*1 The default value can be changed by using **Dell Printer Configuration Web Tool**.

\*2 This item is available only when **Wi-Fi Direct** is set to **Enable**.

### **SNMP v3**

#### **Purpose:**

To edit the detailed settings of SNMP v3 protocol.

To enter this page, click **Edit SNMP v3 Properties** in the **SNMP** page.

#### **Values:**

Administrator Account	Account Enabled	Select the check box to enable the administrator account.
	User Name	Enters the user name of the administrator account.
	Authentication Password	Sets the authentication password of the administrator account using 8 to 32 alphanumeric characters.
	Re-enter Authentication Password	Confirms the set password.
	Privacy Password	Sets the privacy password of the administrator account using 8 to 32 alphanumeric characters.
	Re-enter Privacy Password	Confirms the set password.
Print Drivers / Remote Client Account	Account Enabled	Select the check box to enable the print drivers and remote client account.
	Reset to default Password	Click to reset the password for the print drivers and remote client account to default.

### **Scan to Network Folder**

#### **Purpose:**

To specify the client when scanning data.

#### **Values:**

FTP Client	Connection Time-Out	Sets the connection time-out period from 1 to 60 seconds.
	FTP Passive	Sets whether to enable the FTP Passive mode.
SMB Client	Connection Time-Out	Sets the connection time-out period from 1 to 60 seconds.
	SMB Protocol	Sets the SMB protocol.

### ***SNTP***

#### **Purpose:**

To configure the SNTP server settings in order to perform time synchronization through SNTP.

#### **Values:**

SNTP	<b>IP Address / Host Name</b>	Sets the IP address or the host name of the SNTP server.
	<b>Connection Time-Out</b>	Sets the connection time-out period from 1 to 120 seconds.
	<b>Time Synchronization Interval</b>	Sets the interval for performing time synchronization using SNTP.
	<b>Last Connection Time</b>	Displays the last date and time when your printer was connected to the SNTP server.
	<b>Connection Status</b>	Displays the status of the connections between the SNTP server and your printer.

### ***AirPrint***

#### **Purpose:**

To configure the detailed setting of AirPrint.

#### **Values:**

AirPrint	<b>Enable AirPrint</b>	Select the check box to enable the printer for AirPrint.
Bonjour	<b>Name</b>	Enter the name that is to be displayed as an AirPrint printer.
	<b>Location</b>	Enter the location of the printer.
	<b>Geo-Location</b>	Enter the physical location of the printer.
IPP Authentication	<b>Basic Authentication</b>	Select the check box to enable the basic authentication scheme.
	<b>User Name</b>	Enter the user name.
	<b>Password</b>	Enter the user password.
	<b>Re-enter Password</b>	Re-enter the user password for confirmation.
SSL/TLS	<b>SSL/TLS</b>	Click <b>Settings</b> to display the SSL/TLS page.
Supply Levels	<b>Toner Cartridge</b>	Displays the toner level.

### ***Mopria***

#### **Purpose:**

To enable the printer for Mopria Print Service.

#### **Values:**

Mopria	<b>Enable</b>	Click to enable the printer for Mopria.
--------	---------------	---



**NOTE:** When both **Bonjour(mDNS)** and **IPP** are enabled, the **Enable** button is disabled.



### **Google Cloud Print**

#### **Purpose:**

To register the printer to Google Cloud Print.

#### **Values:**

Google Cloud Print * <sup>1</sup>	(Registration state)	Displays the Google Cloud Print registration state.
	Register This Device to Google Cloud Print	Click to register the printer to Google Cloud Print.
	Cancel Registration	Click to cancel to register the printer to Google Cloud Print.

\*<sup>1</sup> Google Cloud Print can only be used when the machine is using IPv4.

### **Dell Document Hub**



**NOTE:** Dell Document Hub feature is available on the Dell Cloud Multifunction Printer | H815dw only.

#### **Purpose:**

To configure the connections to the Dell Document Hub server.

#### **Values:**

Dell Document Hub	Connection Time-Out	Sets the time duration until the connection becomes time-out.
	Polling Interval	Sets the interval time for polling.

### **Proxy Server**

#### **Purpose:**

To configure the Proxy Server settings.

#### **Values:**

Proxy Server	Use Proxy Server	Sets whether to enable the use of a proxy server.
	Address to Bypass Proxy Server	Sets the address to bypass proxy server.
	Server Name	Sets the name of the proxy server.
	Port Number	Sets the port number from 1 to 65535.
	Authentication	Sets whether to enable authentication.
	Login Name	Sets the login name for the proxy server.
	Password	Sets the login password for the proxy server.
	Re-enter Password	Confirms the set password.

## Wi-Fi

 **NOTE:** Wi-Fi feature is available only on the Dell Cloud Multifunction Printer | H815dw, when the printer is connected using the wireless network.

### Purpose:

To configure the detailed setting for the wireless network.

To use the printer through wireless connection, be sure to disconnect the Ethernet cable.

 **NOTE:** Once wireless LAN is activated, wired LAN protocol will be disabled.

### Values:

Wi-Fi Settings	Wi-Fi	Sets whether to enable the wireless network connections.
	SSID	Sets the name that identifies the wireless network. Up to 32 alphanumeric characters can be entered.
	Network Type	Sets the network type from either <b>Ad-Hoc</b> or <b>Infrastructure</b> .
	MAC Address	Displays the MAC address of the printer.
	Link Channel	Displays the channel number of the wireless connection for the printer.
	Link Quality	Displays the quality of the wireless network connection for the printer.
Security Settings	Encryption	Select the encryption type from the list.
	No Security	Sets No Security to configure the wireless settings without specifying an encryption type from WEP, WPA-PSK, and WPA-Enterprise.
	WEP	Sets the WEP to use through the wireless network.
	WPA-PSK AES/WPA2-PSK AES <sup>*1, 2</sup>	Sets the WPA-PSK AES/WPA2-PSK AES to use through the wireless network.
	WPA-Enterprise AES/WPA2-Enterprise AES <sup>*2, 3</sup>	Sets the WPA-Enterprise AES/WPA2-Enterprise AES to use through the wireless network.
	Mixed Mode PSK <sup>*1, 2</sup>	Sets the Mixed Mode PSK to use through the wireless network. Mixed Mode PSK automatically selects the encryption type from either WPA-PSK TKIP, WPA-PSK AES, or WPA2-PSK AES.
	Mixed Mode Enterprise <sup>*2, 3</sup>	Sets the Mixed Mode Enterprise to use through the wireless network. Mixed Mode Enterprise automatically selects the encryption type from either WPA-Enterprise TKIP, WPA-Enterprise AES, or WPA2-Enterprise AES.
WEP	Encryption	Select the WEP key code from either <b>Hex</b> or <b>Ascii</b> .
	WEP Key 1	Sets the WEP key set used through the wireless network only when <b>WEP 128bit</b> or <b>WEP 64bit</b> is selected for <b>Encryption</b> .
	Re-enter WEP Key 1	Enters the WEP key 1 again to confirm it.
	WEP Key 2	Sets the WEP key set used through the wireless network only when <b>WEP 128bit</b> or <b>WEP 64bit</b> is selected for <b>Encryption</b> .
	Re-enter WEP Key 2	Enters the WEP key 2 again to confirm it.

	WEP Key 3	Sets the WEP key set used through the wireless network only when WEP 128bit or WEP 64bit is selected for Encryption.
	Re-enter WEP Key 3	Enters the WEP key 3 again to confirm it.
	WEP Key 4	Sets the WEP key set used through the wireless network only when WEP 128bit or WEP 64bit is selected for Encryption.
	Re-enter WEP Key 4	Enters the WEP key 4 again to confirm it.
	Transmit Key <sup>*5</sup>	Sets the transmit key type from the list.
WPA-PSK	Passphrase/Key	Sets the passphrase.
	Re-enter Passphrase/Key	Enters the passphrase again to confirm it.
WPA-Enterprise <sup>*4</sup>	EAP-Identity	Sets the EAP-Identity for the authentication.
	Authentication Method	Shows the authentication method.
	Login Name	Sets the login name for the authentication.
	Password	Sets the password.
	Re-enter Password	Enters the password again to confirm it.

\*1 For encryption, AES or TKIP method is used.


\*2 This item is available only when **Infrastructure** is selected for **Network Type**.

\*3 For authentication and encryption by digital certificate, AES or TKIP method is used.

\*4 To activate the setting, import a certificate which supports wireless LAN (server/client) on the **SSL/TLS** pages, and enable the relevant certificate in advance.

\*5 When **Auto** is selected for **Transmit Key**, the key set specified for **WEP Key 1** is used.

### Wi-Fi Direct

 **NOTE:** Wi-Fi Direct feature is available on the Dell Cloud Multifunction Printer | H815dw only.

Purpose:

To configure the detailed setting of the Wi-Fi Direct connection.

Values:

Wi-Fi Direct	Wi-Fi Direct	Sets whether to enable the Wi-Fi Direct connection.
	Group Role	Sets the group role of the printer.
	Device Name	Specifies the printer name that identifies the Wi-Fi Direct network with up to 32 alphanumeric characters. Confirm it when selecting the printer name on your Wi-Fi mobile device.
	WPS Setup	Configures the Wi-Fi Direct network using WPS.
Group Owner	SSID (Character string following "DIRECT-**")	Specifies a name to identify the Wi-Fi Direct network. Up to 32 alphanumeric characters can be entered. "DIRECT-**" cannot be changed.
	Passphrase	Displays the passphrase. Confirm it when entering the passphrase into your Wi-Fi mobile device.
	IP Address	Displays the IP address of the Wi-Fi Direct.
	Subnet Mask	Displays the subnet mask.
Status	Paired Device	Displays the mobile name currently connected.
	Current Role	Displays the current group role of the printer.
	Current SSID	Displays the current SSID. Confirm it selecting the Wi-Fi Direct network name on your Wi-Fi mobile device.

### **Reset Print Server**

#### **Purpose:**

To initialize NVRAM (non-volatile RAM) for the network feature and reboot the printer. You can also initialize NVRAM of the printer from **Reset Defaults** in the **Printer Settings** menu.

#### **Values:**

Initialize NIC NVRAM Memory and restart printer.	Click <b>Start</b> to initialize NVRAM, revert network settings to the factory default settings, and reboot the network capability.
Restart Printer	Click <b>Start</b> to reboot the printer.

### **Security**

The Security tab includes **Set Password**, **Authentication System**, **Kerberos Server**, **LDAP Server**, **LDAP Authentication**, **LDAP User Mapping**, **SSL/TLS**, **IPsec**, **802.1x**, **IP Filter (IPv4)**, and **SMTP Domain Filtering**.

#### **Set Password**

#### **Purpose:**

To set or change the password that is required to access the setup parameters of the printer from the **Dell Printer Configuration Web Tool**. This page can also be displayed by clicking **Set Password** in the left frame.



**NOTE:** To restore the password to the default (NULL), initialize the non-volatile memory (NVM).



**NOTE:** You can set the password for access to **Admin Settings** from **Panel Lock** in **Printer Settings**.

#### **Values:**

Administrator Password	Sets the password using up to 128 alphanumeric characters.
Re-enter Administrator Password	Confirms the set password.
Access denial by the authentication failure of the Administrator	Sets how many times the failure in administrator authentication is allowed in total. Sets the number from 5 to 255. If you set 0, this mode is disabled.

#### **Authentication System**

#### **Purpose:**

To specify the server authentication type, the server response time-out, or the search time-out.

#### **Values:**

Authentication Type	Authentication System Settings	Select the authentication system from the list.
Optional Information	Server Response Time-Out	Sets the amount of time the printer should wait for response from the server. Sets the time period from 1 to 75 seconds.
	Search Time-Out	Sets the amount of time the printer should wait for searching for the server. Sets the time period from 5 to 120 seconds.

### ***Kerberos Server***

#### **Purpose:**

To specify the settings for the Kerberos server.

#### **Values:**

Kerberos Server 1-5	<b>IP Address / Host Name &amp; Port</b>	Sets the IP address or host name, and the port address. The port address must be between 1 and 65535.
	<b>Domain Name</b>	Enter the domain name.

### ***LDAP Server***

#### **Purpose:**

To specify the settings of the LDAP server.

#### **Values:**

Server Information	<b>IP Address / Host Name &amp; Port</b>	Sets IP address or the host name, and the port address. The port address must be 389, 636, 3268, 3269, or between 5000 and 65535.	
	<b>LDAP Server</b>	Displays the current software information of the LDAP server.	
Optional Information	<b>Search Directory Root</b>	Enters the search directory root.	
	<b>Login Credentials to Access LDAP Server</b>		Select credential used to access the LDAP server.
		<b>None</b>	The login credential will be set as anonymous. When using this setting, make sure that the LDAP server accepts anonymous login.
		<b>Preset</b>	The preset login credential will be applied to each user.
	<b>Prompt User</b>	The users are prompted to enter their login credentials.	
	<b>Login Name</b>	Enters the login name.	
	<b>Password</b>	Enters the login password using 1 to 127 alphanumeric characters. If the password is left blank (NULL), you cannot log in to a server.	
	<b>Re-enter Password</b>	Enters the login password again to confirm it.	
	<b>Search Time-Out</b>	Select <b>Wait LDAP Server Limit</b> to follow the time specified by the LDAP server. Select <b>Wait</b> to specify the time between 5 and 120 seconds.	
	<b>Search Name Order</b>	Sets the search order.	
<b>Server Address Book</b>	Select the check box to enable the server address book.		
<b>Server Phone Book</b>	Select the check box to enable the server phone book.		



**NOTE:** **Server Address Book** must be set to **On** before you can use the server address book for the Scan to Email feature.



**NOTE:** **Server Phone Book** must be set to **On** before you can use the server phone book for the Fax function.

### ***LDAP Authentication***

#### **Purpose:**

To specify the LDAP server authentication method.

#### **Values:**

LDAP Authentication	Authentication Method	Shows the authentication method.
	Use Added Text String	Select whether to use the added text string from the list.
	Text String Added to User Name	Enter the added text string.

### ***LDAP User Mapping***

#### **Purpose:**

To specify the settings of the LDAP user mapping.

#### **Values:**

Common Name	Sets the attribute type of the common name set for the LDAP server.
Surname	Sets the attribute type of the surname set for the LDAP server.
Given Name	Sets the attribute type of the given name set for the LDAP server.
E-mail Address	Sets the attribute type of the e-mail address set for the LDAP server.
Fax Phone	Sets the attribute type of the fax phone number set for the LDAP server.

### ***SSL/TLS***

#### **Purpose:**

To specify the settings for the SSL/TLS encryption communication to the printer, and set/delete the certificate used for IPsec, LDAPS, or Wireless LAN.

#### **Values:**

SSL/TLS	HTTP-SSL/TLS Communication <sup>*1</sup>	Select the check box to enable the HTTP-SSL/TLS Communication.
	HTTP-SSL/TLS Communication Port Number	Sets the port number, which is not identical with that of HTTP. This must be 443 or between 8000 and 9999.
	LDAP-SSL/TLS Communication <sup>*1</sup>	Select the check box to enable the LDAP, and access is established using SSL/TLS communication.
	SMTP-SSL/TLS Communication	Sets the type of SSL/TLS used to communicate with the SMTP server.
	MD5	Select the check box to enable the MD5.
Machine Digital Certificate	Generate Self-Signed Certificate <sup>*2</sup>	Click to display the <b>Generate Self-Signed Certificate</b> page and to create a security certification from the page. The <b>Generate Self-Signed Certificate</b> button is available only when the self-signed certificate is not generated.
	Certificate Signing Request (CSR) <sup>*2</sup>	Click to display the <b>Certificate Signing Request (CSR)</b> page and to create a certificate signing request from the page.
	Upload Signed Certificate <sup>*2</sup>	Click to display the <b>Upload Signed Certificate</b> page and to upload the certificate file to the device from the page.

	Certificate Management *2	Click to display the <b>Certificate Management</b> page and to manage a security certification from the page.
	Delete All Certificates	Click to delete all the certificates.
Generate Self-Signed Certificate	Public Key Method	Select the public key method of the self-signed certificate.
	Size of Public Key	Select the size of public key.
	Issuer	Enter the issuer of self-signed certificate.
	Validity	Enter the valid days from 1 to 9999 days.
	Generate Signed Certificate	Click to generate the self-signed certificate.
Certificate Signing Request (CSR)	Digital Signature Algorithm	Select the digital signature algorithm.
	Public Key Size	Select the public key size.
	2 Letter Country Code (Required)	Enter the 2-letter country code.
	State / Province Name	Enter the state or province name up to 16 bytes.
	Locality Name	Enter the locality name up to 32 bytes.
	Organization Name (Required)	Enter the organization name up to 32 bytes.
	Organization Unit (Required)	Enter the organization unit up to 32 bytes.
	Common Name	Enter the common name.
E-mail Address	Enter the e-mail address.	
Upload Signed Certificate *2	Password	Enter the password to upload the certificate file.
	Re-enter Password	Enter the password again for confirmation.
	File Name	Click <b>Browse</b> to browse the file name to upload to the device.
	Import	Click <b>Import</b> to upload the certificate file to the device.
Certificate Management *2	Category	Select the device to certificate.
	Certificate Purpose	Select the purpose to certificate.
	Certificate Order	Select the order to certificate.
	Display the List	Click to display the <b>Certificate List</b> page.
Certificate List *2	Category	Displays the device to certificate selected at the <b>Certificate Management</b> page.
	Certificate Purpose	Displays the connection to certificate selected at the <b>Certificate Management</b> page.
	Issued To	Displays the list of certificate order.
	Validity	Displays whether certificate is valid or not.
	Certificate Details	Click to display the <b>Certificate Details</b> page. The <b>SSL/TLS</b> page is displayed when no item in the <b>Issued To</b> column is selected.

Certificate Details <sup>*2</sup>	Category	Displays the device to certificate selected at the Certificate Management page or SSL/TLS page.
	Issued To	Displays the device to certificate.
	Issuer	Displays the issuer to certificate.
	Serial Number	Displays the serial number of the device.
	Public Key Method	Displays the public key method.
	Size of Public Key	Displays the size of public key.
	Valid From	Displays the time the certificate is valid.
	Valid Until	Displays the time the certificate is invalid.
	Status	Displays whether certificate is valid or not.
	Certificate Purpose	Displays the purpose of certificate.
	Certificate Selection Status	Displays the type of device certificate you selected.
	E-mail Address	Displayed only when an e-mail address is specified in the certificate.
	Use this certificate	Click to apply this certificate to the device.
	Delete	Click to delete this certificate.
Export This Certificate	Click to export the certificate to the other device.	
Delete All Certificates	Delete	Click to delete all the certificates.

<sup>\*1</sup> This item is available only when the self-signed certificate has been generated.  
<sup>\*2</sup> This item is effective only when connected via SSL/TLS (https). Only the administrator is allowed to display the pages.


### **IPsec**

#### **Purpose:**

To specify the Security Architecture settings for Internet Protocol (IPsec) for encrypted communication to the printer.

#### **Values:**

IPsec Settings	Protocol	Select the check box to enable the protocol.
	IKE	"Pre-Shared Key" is displayed for IKE.
	Pre-Shared Key	Sets a shared key. Up to 255 alphanumeric characters, periods, and hyphens can be used.
	Re-enter Pre-Shared Key	Enters the shared key again to confirm it.
	IKE SA Lifetime	Sets the lifetime for IKE SA from 5 to 28,800 minutes.
	IPsec SA Lifetime	Sets the lifetime for IPsec SA from 5 to 2,880 minutes.
	DH Group	Sets the DH group.
	PFS	Select the check box to enable the PFS setting.
	Remote peers IPv4 address	Sets the IP address to connect to.
	Remote peers IPv6 address	Sets the IP address to connect to.
	Non IPsec communication policy	Allows communication with a device which does not support IPsec.

 **NOTE:** If IPsec is enabled with incorrect settings, you must disable it using the **IPsec** menu on the operator panel.



## 802.1x

### Purpose:

To specify the settings for IEEE 802.1x authentication for encrypted communication to the printer.

### Values:

Configure 802.1x	Enable IEEE 802.1x	Select the check box to enable IEEE 802.1x authentication.	
	Authentication Method	EAP-MD5 EAP-MS-CHAPv2 PEAP/MS-CHAPv2	Selects the authentication method to use for IEEE 802.1x authentication.
	Login Name: (Device Name)	Sets the login name (device name) for IEEE 802.1x authentication using up to 128 alphanumeric characters.	
	Password	Sets the login password for IEEE 802.1x authentication using up to 128 alphanumeric characters.	
	Re-enter Password	Confirms the set login password.	

## IP Filter (IPv4)

### Purpose:

To specify the IP address and subnet mask to be permitted or denied access to the printer.

### Values:

Access List	Address	Sets the IP addresses that are permitted or denied access to the printer. Enter a numeric value between 0 and 255 in each field.	
	Address Mask	Sets the subnet mask that are permitted or denied access to the printer. Enter a numeric value between 0 and 255 in each field.	
Active Mode	Reject	Rejects printing from specified network address.	
	Accept	Permits printing from specified network address.	
	Off	Disables the IP Filter feature for the specified IP address.	

To configure the IP Filter feature, enter an IP address to be filtered in the Address field and the subnet mask in the Address Mask field. Enter a numeric value between 0 and 255 in each field. "\*" is appended to the current value.

### IP Filter Setup Procedure

You can set up to a maximum of five items and the first item set takes priority. When setting multiple filters, enter the shortest address first followed by a slightly longer address, a longer address and so on.

### Enabling Printing From a Specified User

The following describes the procedure to enable printing only from the "192.0.2.1" IP address.

- 1 Click the first column of the Access List row 1.
- 2 Enter "192.0.2.1" in the Address field and "255.255.255.255" in the Address Mask field.
- 3 Select Accept.
- 4 Click Apply New Settings.

### Disabling Printing From a Specified User

The following describes the procedure to disable printing only from the "192.0.2.1" IP address.

- 1 Click the first column of the **Access List** row 1.
- 2 Enter "192.0.2.1" in the **Address** field and "255.255.255.255" in the **Address Mask** field.
- 3 Select **Reject**.
- 4 Click the first column of the **Access List** row 2.
- 5 Enter "0.0.0.0" in the **Address** field and "0.0.0.0" in the **Address Mask** field.
- 6 Select **Accept**.
- 7 Click **Apply New Settings**.

### Enabling and Disabling Printing from Network Addresses

You can enable printing from the "192.0" network address and disable printing from the "192.0.2" network address.

The example below describes how to enable printing from the "192.0.2.1" IP address.

- 1 Click the first column of the **Access List** row 1.
- 2 Enter "192.0.2.1" in the **Address** field and "255.255.255.255" in the **Address Mask** field.
- 3 Select **Accept**.
- 4 Click the first column of the **Access List** row 2.
- 5 Enter "192.0.2.0" in the **Address** field and "255.255.255.0" in the **Address Mask** field.
- 6 Select **Reject**.
- 7 Click the first column of the **Access List** row 3.
- 8 Enter "192.0.0.0" in the **Address** field and "255.255.0.0" in the **Address Mask** field.
- 9 Select **Accept**.
- 10 Click **Apply New Settings**.

### **SMTP Domain Filtering**

#### **Purpose:**

To specify whether to restrict sending e-mails to specific domains only.

 **NOTE:** This feature does not restrict sending e-mails through the E-Mail Alert feature.

#### **Values:**

SMTP Domain Filtering	Domain Filtering	Select the check box to enable Domain Filtering.
	Allow Domain List	Allows you to register up to five domains allowed for sending e-mails.

### **Copy Printer Settings**

This menu includes the **Copy Printer Settings** and **Copy Printer Settings Report** pages.


#### **Copy Printer Settings**

##### **Purpose:**

To copy the printer settings to one or more printers on the network having the same model number.


##### **Copying the printer settings to the destination printer**


- 1 In the **IP Address** and **Password** field, type the IP address and password of the destination printer.
- 2 Click **Copy the settings to the Host** in the above list.

 **NOTE:** The copying of printer settings will time-out within 60 seconds if no input is received.

- 3 Restart the destination printer and go to **Dell Printer Configuration Web Tool**.

- 4 Verify if the printer settings are copied as desired.


 **NOTE:** This feature allows you to copy printer settings to up to 10 destination printers simultaneously. If the destination printer has different configuration fields, only the common fields will be copied.

 **NOTE:** You cannot copy the Address Book when the destination printer has a job and is operated on the Fax/Scan/Address Book menu of the operator panel.

#### **Copy Printer Settings Report**

##### **Purpose:**

To verify if the printer settings were successfully copied to the destination printers.

 **NOTE:** The report is not accessible once the printer is restarted.

### **Print Volume**

The **Print Volume** menu includes the **Print Volume** and **Dell AccessControl** pages.

#### **Print Volume**

##### **Purpose:**

To verify the number of printed pages. This page can also be displayed by clicking **Print Volume** in the left frame.

##### **Values:**

Printer Page Count	Displays the total number of pages printed since the printer was shipped from the factory.
Paper Used	Displays the number of pages printed for each paper size.

## Dell AccessControl

### Purpose:

To specify which users have access to printing and to limit print volume per user.

### Values:

AccessControl Mode	Off	Enables to print the data with no authentication information.
	On	Restricts printing based on the print user information registered in the internal server.
Non Registered User	Sets whether to permit the printing of data with no authentication information. To permit the printing for non-account user, select the check box.	
AccessControl Error Report	Sets whether to automatically print error-related information if printing using AccessControl results in an error.	
User Registration <sup>*1</sup>	Click <b>Edit User Registration</b> to display the <b>Edit Print User Registration</b> page. <ul style="list-style-type: none"><li>• To register a user, click <b>Create</b> to open the <b>Print User Settings</b> page.</li><li>• To delete a user, click <b>Delete</b> to open the <b>Delete User</b> page. Clicking <b>Back</b> returns the screen to the status prior to deleting the user.</li><li>• To confirm or change the registered user, click <b>Confirm / Change</b> to open the <b>Print User Settings</b> page.</li></ul>	
Print User Settings	User Registration No.	Displays the user registration number. The <b>Delete User</b> button is displayed when the user is already registered.
	User Name	Sets the user name.
	Password	Sets the user password using 4 to 12 alphanumeric characters.
	Re-enter password	Enter the password again to confirm it.
	Upper Limit for Monochrome Print	Sets the maximum number of pages allowed for monochrome printing.
	Cumulative Monochrome Page Count	Displays the cumulative number of pages printed for monochrome printing.

<sup>\*1</sup> This item is displayed only when **AccessControl Mode** is **On**.

## Address Book

The **Address Book** menu includes the **E-Mail Address**, **Server Address**, and **Phone Book** pages.

E-Mail Address	E-Mail Address	Allows you to view, edit, or create e-mail address entries.
	E-Mail Group	Allows you to view, edit, or create e-mail group entries.
	Default Setup	Allows you to view, edit, or set the default e-mail subject and message.
Server Address	Server Address	Allows you to view, edit, or create server address entries.
Phone Book	FAX Speed Dial	Allows you to view, edit, or create speed dial entries.
	FAX Group	Allows you to view, edit, or create fax group entries.

## E-Mail Address

The E-mail Address page includes the following subpages.

E-Mail Address	Allows you to view, edit, or create e-mail address entries.
E-Mail Group	Allows you to view, edit, or create e-mail group entries.
Default Setup	Allows you to view, edit, or set the default e-mail subject and message.

### ***E-Mail Address***

#### **Purpose:**

To view the e-mail address entries registered on the E-Mail Address page.

#### **Values:**

Address List to:	Selecting each button displays a list of entries for the group of user IDs indicated on the button.
ID	Displays the user ID.
Name	Displays the user name. (Not in Use) is displayed when there is no registration.
Address	Displays the e-mail address of the user.
Delete	Deletes the entry for the selected user ID.
Confirm / Change	Displays a dialog box where you can edit the entry of the selected user ID.
Create	Displays a dialog box where you can create a new entry under the selected user ID.

### ***E-Mail Address (Confirm/Change, Create)***

#### **Purpose:**

To view or edit the e-mail address entries on the E-Mail Address page, or create a new entry. The following items are in the dialog box that appears when you click **Confirm / Change** or **Create** on the E-Mail Address top page.

#### **Values:**

ID	Displays the selected user ID.
Name	Allows you to view or edit the name of the user registered under the user ID, or enter a name for the new entry.
Address	Allows you to view or edit the e-mail address of the user, or enter an e-mail address for the new entry.
Delete <sup>*1</sup>	Click this button to delete the selected user.
Apply New Settings	Click this button to apply the new settings.
Restore Settings	Click this button to restore the previous settings.
Back	Click this button to return to the top page.

<sup>\*1</sup> This item is available only when you click **Confirm / Change**.

### ***E-Mail Address (Delete)***

#### **Purpose:**

To delete the e-mail address entries registered on the E-Mail Address page. The following items are in the dialog box that appears when you click **Delete** on the E-Mail Address top page.

#### **Values:**

ID	Displays the selected user ID.
Name	Displays the name of the user registered under the selected user ID.

Address	Displays the e-mail address of the user.
Apply New Settings	Click this button to apply the new settings.
Back	Click this button to return to the top page.

### ***E-Mail Group***

#### **Purpose:**

To view the e-mail address entries registered on the **E-Mail Group** page.

#### **Values:**

GroupID	Displays the group ID.
Name	Displays the assigned group name. <b>(Not in Use)</b> is displayed when there is no registration.
Delete	Deletes the entry for the selected group ID.
Confirm / Change	Displays a dialog box where you can edit the entry for the selected group ID.
Create	Displays a dialog box where you can create a new entry under the selected group ID.

### ***E-Mail Group (Confirm/Change, Create)***

#### **Purpose:**

To view or edit the e-mail address group entries on the **E-Mail Group** page, or create a new entry. The following items are in the dialog box that appears when you click **Confirm / Change** or **Create** on the **E-Mail Group** top page.

#### **Values:**

E-Mail Group	ID	Displays the selected group ID.
	Name	Allows you to view or edit the name assigned for the group ID, or enter a new group name.
	Delete <sup>*1</sup>	Click this button to delete the current entry.
E-Mail Address	Address List to:	Selecting each button displays a list of entries for the group of IDs indicated on the button.
	ID	Displays the user ID. Select the check box on the left to create the group.
	Name	Displays the user name. <b>(Not in Use)</b> is displayed when there is no registration.
	Address	Allows you to view or edit the e-mail address of an entry registered under the selected user ID, or enter an e-mail address for the new entry.
	Apply New Settings	Click this button to apply the new settings.
	Restore Settings	Click this button to restore the previous settings.
	Back	Click this button to return to the top page.

<sup>\*1</sup> This item is available only when you click **Confirm / Change**.

### ***E-Mail Group (Delete)***

#### **Purpose:**

To delete the e-mail group entries registered on the **E-Mail Group** page. The following items are in the dialog box that appears when you click **Delete** on the **E-Mail Group** top page.

#### **Values:**

<b>ID</b>	Displays the selected group ID.
<b>Name</b>	Displays the name assigned for the group ID.
<b>Apply New Settings</b>	Click this button to apply the new settings.
<b>Back</b>	Click this button to return to the top page.

### ***Default Setup***

#### **Purpose:**

To set the default e-mail subject and message.

#### **Values:**

<b>Default Subject</b>	Allows you to enter the default e-mail subject.
<b>Body Text</b>	Allows you to enter the default e-mail message.
<b>Apply New Settings</b>	Click this button to apply the new settings.
<b>Restore Settings</b>	Click this button to restore the previous settings.

### **Server Address**

#### ***Server Address***

#### **Purpose:**

To view the server address entries registered on the **Server Address** page.

#### **Values:**

<b>Address List to:</b>	Selecting each button displays a list of entries for the group of IDs indicated on the button.
<b>ID</b>	Displays the server ID.
<b>Name</b>	Displays the file directory name. <b>(Not in Use)</b> is displayed when there is no registration.
<b>Server Address</b>	Displays the address of the file directory.
<b>Delete</b>	Deletes the entry for the selected server ID.
<b>Confirm / Change</b>	Displays a dialog box where you can edit the entry for the selected server ID.
<b>Create</b>	Displays a dialog box where you can create a new entry under the selected server ID.

#### ***Server Address (Confirm/Change, Create)***

#### **Purpose:**

To view or edit the server address entries on the **Server Address** page, or create a new entry. The following items are in the dialog box that appears when you click **Confirm / Change** or **Create** on the **Server Address** top page.

#### **Values:**

<b>ID</b>	Displays the selected server ID.
<b>Name</b>	Allows you to view or change the server name assigned to the server ID, or enter a new server name.

Server Type	Allows you to view the server type if you click <b>Confirm / Change</b> . Allows you to edit the server type if you click <b>Create</b> .
	<b>FTP</b> <sup>*1</sup> Select this to store scanned documents on a server via the FTP protocol.
	<b>SMB</b> <sup>*1</sup> Select this to store scanned documents on a computer via the Server Message Block (SMB) protocol.
Server Address	Allows you to view or edit the server address registered under the server ID, or enter a new server address.
Share Name <sup>*2</sup>	Allows you to view or edit the assigned shared name, or enter a new shared name, when <b>Server Type</b> is set to <b>SMB</b> .
Server Path	Allows you to view or edit the assigned server path, or enter a new path.
Server Port Number	Allows you to view or edit the assigned server port number, or enter a new port number. If you leave the text box blank, the default port number (FTP: 21, SMB: 139) will be used.
Login Name	Allows you to view or edit the login name that is required to access the selected protocol, or enter a new login name.
Login Password	Allows you to view or edit the password that is required to access the selected protocol, or enter a new password.
Re-enter Password	Confirms the set password.
Delete <sup>*3</sup>	Click this button to delete the current entry.
Apply New Settings	Click this button to apply the new settings.
Restore Settings	Click this button to restore the previous settings.
Back	Click this button to return to the top page.
	<sup>*1</sup> You can edit this item only when you click <b>Create</b> .
	<sup>*2</sup> This item is available only when <b>Server Type</b> is set to <b>SMB</b> .
	<sup>*3</sup> This item is available only when you click <b>Confirm / Change</b> .

### **Server Address (Delete)**

#### **Purpose:**

To delete the server address entries registered on the **Server Address** page. The following items are in the dialog box that appears when you click **Delete** on the **Server Address** top page.

#### **Values:**

ID	Displays the selected server ID.
Name	Displays the name assigned for the server ID.
Server Address	Displays the server address registered under the server ID.
Apply New Settings	Click this button to apply the new settings.
Back	Click this button to return to the top page.

### **Phone Book**

The **Phone Book** page includes the following subpages.

FAX Speed Dial	Allows you to view, edit, or create speed dial entries.
FAX Group	Allows you to view, edit, or create fax group entries.



### ***FAX Speed Dial***

#### **Purpose:**

To view the fax number entries registered on the **FAX Speed Dial** page.

#### **Values:**

<b>Speed Dial List to:</b>	Selecting each button displays a list of entries for the group of speed dial codes indicated on the button.
<b>Speed Dial</b>	Displays the speed dial ID.
<b>Name</b>	Displays the assigned name for a speed dial ID. <b>(Not in Use)</b> is displayed when there is no registration.
<b>Phone Number</b>	Displays the speed dial code.
<b>Delete</b>	Deletes the entry for the selected speed dial code.
<b>Confirm / Change</b>	Displays a dialog box where you can edit the entry for the selected speed dial code.
<b>Create</b>	Displays a dialog box where you can create a new entry under the selected speed dial code.

### ***FAX Speed Dial (Confirm/Change, Create)***

#### **Purpose:**

To view or edit the speed dial entries on the **FAX Speed Dial** page, or create a new entry. The following items are in the dialog box that appears when you click **Confirm / Change** or **Create** on the **FAX Speed Dial** top page.

#### **Values:**

<b>Speed Dial</b>	Displays the selected speed dial code.
<b>Name</b>	Allows you to view or edit the name of an entry registered under the speed dial code, or enter a name for the new entry.
<b>Phone Number</b>	Allows you to view or edit the fax number of an entry registered under the speed dial code, or enter a fax number for the new entry.
<b>Delete</b> <sup>*1</sup>	Click this button to delete the entry for the speed dial code. This button is available only on the dialog box for editing an existing entry.
<b>Apply New Settings</b>	Click this button to apply the new settings.
<b>Restore Settings</b>	Click this button to restore the previous settings.
<b>Back</b>	Click this button to return to the top page.

<sup>\*1</sup> This item is available only when you click **Confirm / Change**.

### ***FAX Speed Dial (Delete)***

#### **Purpose:**

To delete the speed dial entries registered on the **FAX Speed Dial** page. The following items are in the dialog box that appears when you click **Delete** on the **FAX Speed Dial** top page.

#### **Values:**

<b>Speed Dial</b>	Displays the selected speed dial code.
<b>Name</b>	Displays the name registered under the speed dial code.
<b>Phone Number</b>	Displays the fax number registered under the speed dial code.
<b>Apply New Settings</b>	Click this button to apply the new settings.
<b>Back</b>	Click this button to return to the top page.

### ***FAX Group***

#### **Purpose:**

To view the fax group entries registered on the **FAX Group** page.

#### **Values:**

<b>ID</b>	Displays a fax group ID.
<b>Name</b>	Displays the assigned group name. ( <b>Not in Use</b> ) is displayed when there is no registration.
<b>Delete</b>	Deletes the entry for the selected group ID.
<b>Confirm / Change</b>	Displays a dialog box where you can edit the entry for the selected group ID.
<b>Create</b>	Displays a dialog box where you can create a new entry under the selected group ID.

### ***FAX Group (Confirm/Change, Create)***

#### **Purpose:**

To view or edit the fax number group entries on the **FAX Group** page, or create a new entry. The following items are in the dialog box that appears when you click **Confirm / Change** or **Create** on the **FAX Group** top page.

#### **Values:**

<b>FAX Group</b>	<b>ID</b>	Displays the selected group ID.
	<b>Name</b>	Allows you to view or edit the name assigned for the group ID, or enter a new group name.
	<b>Delete</b> <sup>*1</sup>	Click this button to delete the current entry.
<b>FAX Speed Dial</b>	<b>Speed Dial List to:</b>	Selecting each button displays a list of entries for the group of speed dial codes indicated on the button.
	<b>Speed Dial</b>	Displays the speed dial code. Select the check box on the left to add the speed dial code in the group.
	<b>Name</b>	Displays the name registered for the speed dial code. ( <b>Not in Use</b> ) is displayed when there is no registration.
	<b>Phone Number</b>	Allows you to view or edit the fax number of an entry registered under the selected speed dial code, or enter a fax number for the new entry.
	<b>Apply New Settings</b>	Click this button to apply the new settings.
	<b>Restore Settings</b>	Click this button to restore the previous settings.
	<b>Back</b>	Click this button to return to the top page.

<sup>\*1</sup> This item is available only when you click **Confirm / Change**.

### ***FAX Group (Delete)***

#### **Purpose:**

To delete the fax number group entries registered on the **FAX Group** page. The following items are in the dialog box that appears when you click **Delete** on the **FAX Group** top page.

#### **Values:**

<b>ID</b>	Displays the selected group ID.
<b>Name</b>	Displays the name assigned for the group ID.
<b>Apply New Settings</b>	Click this button to apply the new settings.
<b>Back</b>	Click this button to return to the top page.

## Tray Management

Use the **Tray Management** menu to set the paper size and type of paper loaded in tray1 and the optional 550-sheet feeder.

### Values:

MPF Mode	Sets the MPF Mode.
MPF Paper Size <sup>*1</sup>	Sets the size of paper loaded in the MPF.
MPF Paper Type <sup>*1</sup>	Sets the type of paper loaded in the MPF.
MPF Custom Paper Size - Y <sup>*1</sup>	Sets the length of custom size paper loaded in the MPF.
MPF Custom Paper Size - X <sup>*1</sup>	Sets the width of custom size paper loaded in the MPF.
MPF Display Tray Prompt <sup>*1</sup>	Sets whether to display a popup message that prompts the user to set the paper size and type when the paper is loaded in the MPF.
Tray 1 Paper Size	Sets the size of paper loaded in tray1.
Tray 1 Paper Type	Sets the type of paper loaded in tray1.
Tray 1 Custom Paper Size - Y	Sets the length of custom size paper loaded in tray1.
Tray 1 Custom Paper Size - X	Sets the width of custom size paper loaded in tray1.
Tray 1 Display Tray Prompt	Sets whether to display a popup message that prompts the user to set the paper size and type when the paper is loaded in tray1.
Tray 2 Paper Size <sup>*2</sup>	Sets the size of paper loaded in the optional 550-sheet feeder.
Tray 2 Paper Type <sup>*2</sup>	Sets the type of paper loaded in the optional 550-sheet feeder.
Tray 2 Custom Paper Size - Y <sup>*2</sup>	Sets the length of custom size paper loaded in the optional 550-sheet feeder.
Tray 2 Custom Paper Size - X <sup>*2</sup>	Sets the width of custom size paper loaded in the optional 550-sheet feeder.
Tray 2 Display Tray Prompt <sup>*2</sup>	Sets whether to display a popup message that prompts the user to set the paper size and type when the paper is loaded in the optional 550-sheet feeder.
1st Priority	Sets the paper source to be used as the first priority.
2nd Priority	Sets the paper source to be used as the second priority.
3rd Priority <sup>*2</sup>	Sets the paper source to be used as the third priority.

<sup>\*1</sup> This item is available only when **Use Panel Settings** is selected in **MPF Mode**.

<sup>\*2</sup> This item is available only when the optional 550-sheet feeder is installed.



## Understanding the Printer Menus

When your printer is connected to a network and available to a number of users, the access to the Admin Settings can be limited. This prevents other users from using the operator panel to inadvertently change a user default that has been set by the administrator.

However, you can use your printer driver to override user defaults and select settings for individual print jobs.

### Report / List

Use the Report/List menu to print various types of reports and lists.

#### System Settings

**Purpose:**

To print a list of the current user default values, the installed options, the amount of installed print memory, and the status of printer supplies.

#### Panel Settings

**Purpose:**

To print a detailed list of all the settings of the printer menus.

#### PCL Fonts List

**Purpose:**

To print a sample of the available PCL fonts.

#### PCL Macros List

**Purpose:**

To print the information on the downloaded PCL macro.

#### PS Fonts List

**Purpose:**

To print a sample of the available PS fonts.

#### PDF Fonts List

**Purpose:**

To print a sample of the available PDF fonts.

#### Job History

**Purpose:**

To print a detailed list of the print, copy, fax, or scan jobs that have been processed. This list contains the last 20 jobs.

#### Error History

**Purpose:**

To print a detailed list of paper jams and fatal errors.

### **Print Meter**

Purpose:

To print the reports for the total number of pages printed.

### **Demo Page**

Purpose:

To print a Demo page.

### **Protocol Monitor**

Purpose:

To print a detailed list of monitored protocols.

### **Speed Dial**

Purpose:

To print the list of all members stored as speed dial numbers.

### **Address Book**

Purpose:

To print the list of all addresses stored as **Address Book** information.

### **Server Address**

Purpose:

To print the list of all members stored as **Server Address** information.

### **Fax Activity**

Purpose:

To print the report of faxes you recently received or sent.

### **Fax Pending**

Purpose:

To print the list of status of pending faxes.

### **Stored Documents**





**NOTE:** Stored Documents feature is available only when RAM Disk under System Settings is enabled.

Purpose:

To print a list of all files stored for Secure Print, Private Mail Box Print, Public Mail Box Print, and Proof Print in the RAM disk.

## Printing a Report/List Using the Operator Panel

- 1 Press the  (Information) button.
- 2 Tap **Report/List**.
- 3 Tap  until the desired report or list appears, and then select that report or list.
- 4 Tap **Print**.

The selected report or list is printed.

## Printing a Report/List Using the Tool Box

- 1 Click **Start** → **All Programs** → **Dell Printers** → **Dell Printer Hub** or **Dell Printer Management Tool**.  
For Windows® 10: Click the **Start** button → **Dell Printer Hub** or **Dell Printer Management Tool**.
- 2 For **Dell Printer Hub**, select the printer from **My Printers** on the home screen.  
For **Dell Printer Management Tool**, select the printer displayed by default, or another printer from the drop-down list on the upper-right corner of the home screen.
- 3 Click the shortcut to the **Tool Box** on the left of the screen.  
The **Tool Box** opens.
- 4 Ensure that the **Printer Setting Reports** tab is open.
- 5 Select **Reports** from the list at the left side of the page.  
The **Reports** page appears.
- 6 Click the button for the desired report or list.  
The report or list is printed

## Wi-Fi | WPS



**NOTE:** The **Wi-Fi | WPS** menu is available on the Dell™ Cloud Multifunction Printer | H815dw only.

Use the **Wi-Fi | WPS** menu to confirm or specify wireless network settings or connections.

### Wi-Fi

Use the **Wi-Fi** menu to confirm or specify wireless network settings.

For details, see "Wi-Fi."

### Wi-Fi Direct

Use the **Wi-Fi Direct** menu to confirm or specify Wi-Fi Direct network settings.

For details, see "Wi-Fi Direct."

### WPS (Connect via PBC)

Use **WPS (Connect via PBC)** menu to start configurations of the Wi-Fi Direct network with WPS-PBC.


For details, see "WPS Setup."

### WPS (Connect via PIN)

Use **WPS (Connect via PIN)** menu to start configurations of the Wi-Fi Direct network with WPS-PIN.

For details, see "WPS Setup."

## Paired Device

 **NOTE:** The Paired Device menu is available on the Dell Cloud Multifunction Printer | H815dw only.

Use the Paired Device menu to confirm the device name in the Paired Device list, if there is any device connected to the printer via Wi-Fi Direct.

You can disconnect the paired device from this list. For details, see "Disconnecting Wi-Fi Direct Network."

## Admin Settings

Use the Admin Settings menu to configure a variety of printer features.

### Phone Book

Use the Phone Book menu to configure the speed dial and group dial settings.

#### Individuals

**Purpose:**

To store up to 200 frequently dialed numbers in speed dial locations.


#### Groups

**Purpose:**

To create a group of fax destinations and register it under a two-digit dial code. Up to six group dial codes can be registered.

### PCL

Use the PCL menu to change printer settings that only affect jobs using the PCL emulation printer language.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### Paper Tray

**Purpose:**

To specify the default paper tray.

**Values:**

Auto*
MPF
Tray1
Tray2 <sup>*1</sup>

\*1 This item is available only when the optional 550-sheet feeder is installed.

### Paper Size

**Purpose:**

To specify the default paper size.



**Values:**

mm series

---

A4  
(210x297mm)<sup>\*1</sup>

---

A5  
(148x210mm)

---

A6  
(105x148mm)

---

B5  
(182x257mm)

---

B6  
(128x182mm)

---

Letter  
(8.5x11")

---

Folio  
(8.5x13")

---

Legal  
(8.5x14")

---

Statement  
(5.5x8.5")

---

Executive  
(7.3x10.5")

---

Envelope #10  
(4.1x9.5")

---

Monarch Env.  
(3.9x7.5")

---

DL Env.  
(110x220mm)

---

C5 Env.  
(162x229mm)

---

Postcard  
(100x148mm)

---

Custom Paper Size

---

<sup>\*1</sup> Denotes country-specific factory default value.

inch series

---


Letter  
(8.5x11")<sup>\*1</sup>

---

Folio  
(8.5x13")

Legal (8.5x14")
Statement (5.5x8.5")
A4 (210x297mm)
A5 (148x210mm)
A6 (105x148mm)
B5 (182x257mm)
B6 (128x182mm)
Executive (7.3x10.5")
Envelope #10 (4.1x9.5")
Monarch Env. (3.9x7.5")
DL Env. (110x220mm)
C5 Env. (162x229mm)
Postcard (100x148mm)
Custom Paper Size

\*1 Denotes country-specific factory default value.

 **NOTE:** Selecting a custom size for the paper size prompts you to enter a custom length and width.

### Orientation

#### Purpose:

To specify how text and graphics are oriented on the page.

#### Values:

Portrait*	Prints text and graphics parallel to the short edge of the paper.
Landscape	Prints text and graphics parallel to the long edge of the paper.

### 2 Sided Print

#### Purpose:

To specify whether to print on both sides of a sheet of paper.

Values:

1 Sided*		Does not print on both sides of a sheet of paper.
2 Sided	Flip on Long Edge*	Prints on both sides of a sheet of paper to be bound by long edge.
	Flip on Short Edge	Prints on both sides of a sheet of paper to be bound by short edge.

**Font**

Purpose:

To specify the default font from the fonts registered in the printer.

Values:

CG Times	Albertus Md	Palatino Roman
CG Times It	Albertus XBd	Palatino It
CG Times Bd	Clarendon Cd	Palatino Bd
CG Times BdIt	Coronet	Palatino BdIt
Univers Md	Marigold	ITCBookman Lt
Univers MdIt	Arial	ITCBookman LtIt
Univers Bd	Arial It	ITCBookmanDm
Univers BdIt	Arial Bd	ITCBookmanDm It
Univers MdCd	Arial BdIt	HelveticaNr
Univers MdCdIt	Times New	HelveticaNr Ob
Univers BdCd	Times New It	HelveticaNr Bd
Univers BdCdIt	Times New Bd	HelveticaNr BdOb
AntiqueOlv	Times New BdIt	N C Schbk Roman
AntiqueOlv It	Symbol	N C Schbk It
AntiqueOlv Bd	Wingdings	N C Schbk Bd
CG Omega	Line Printer	N C Schbk BdIt
CG Omega It	Times Roman	ITC A G Go Bk
CG Omega Bd	Times It	ITC A G Go BkOb
CG Omega BdIt	Times Bd	ITC A G Go Dm
GaramondAntiqua	Times BdIt	ITC A G Go DmOb
Garamond Krsv	Helvetica	ZapfC MdIt
Garamond Hlb	Helvetica Ob	ZapfDingbats
GaramondKrsvHlb	Helvetica Bd	C39 Narrow
Courier*	Helvetica BdOb	C39 Regular
Courier It	CourierPS	C39 Wide
Courier Bd	CourierPS Ob	OCR-A
Courier BdIt	CourierPS Bd	OCR-B
LetterGothic	CourierPS BdOb	
LetterGothic It	SymbolPS	
LetterGothic Bd		

### Symbol Set

#### Purpose:

To specify a symbol set for a specified font.

#### Values:

DESKTOP	MATH-8	WIN 3.0
DNGBTSMS	MC TEXT	WINBALT
ISO-11	MS PUB	WINGDINGS
ISO-15	PC-1004	WIN L1
ISO-17	PC-775	WIN L2
ISO-21	PC-8	WIN L5
ISO-4	PC-850	PC CYR
ISO-6	PC-852	PC-866U
ISO-60	PC-8 DN	ISO CYR
ISO-69	PC-8 TK	WIN CYR
ISO L1	PI FONT	GREEK-8
ISO L2	PS MATH	WIN-GRK
ISO L5	PS TEXT	PC-851
ISO L6	ROMAN-8*	PC8-GRK
LEGAL	SYMBOL	ISO-GRK

### Font Size

#### Purpose:

To specify the font size for scalable typographic fonts.

#### Values:


---

12.00\* Sets the values in increments of 0.25.

Available Range: 4.00 – 50.00

---

Font size refers to the height of the characters in the font. One point equals approximately 1/72 of an inch (0.35 mm).

 **NOTE:** The Font Size menu is only displayed for typographic fonts.

### Font Pitch

#### Purpose:

To specify the font pitch for scalable mono spaced fonts.

#### Values:


---

10.00\* Sets the value in increments of 0.01.

Available Range: 6.00–24.00

---

Font pitch refers to the number of fixed-space characters in a horizontal inch of type. For non-scalable mono spaced fonts, the pitch is displayed, but cannot be changed.

 **NOTE:** The Font Pitch menu is only displayed for fixed or mono spaced fonts.

## Form Line

### Purpose:

To set the number of lines in a page.

### Values:

mm series

---

64 <sup>*1</sup>	Sets the value in increments of 1.
------------------	------------------------------------

---

Available Range: 5–128

---

<sup>\*1</sup> Denotes country-specific factory default values.

---

inch series

---

60 <sup>*1</sup>	Sets the value in increments of 1.
------------------	------------------------------------

---

Available Range: 5–128

---

<sup>\*1</sup> Denotes country-specific factory default values.

---

The printer sets the amount of space between each line (vertical line spacing) based on the **Form Line** and **Orientation** menu items. Select the correct **Orientation** before changing **Form Line**.

### See also:

"Orientation"

## Quantity

### Purpose:

To set the default print quantity. (Set the number of copies required for a specific job from the printer driver. Values selected from the printer driver always override values selected from the operator panel.)

### Values:

---

1 <sup>*</sup>	Sets the value in increments of 1.
----------------	------------------------------------

---

Available Range: 1–999

---

## Image Enhance

### Purpose:

To specify whether to enable the Image Enhance feature, which makes the boundary line between black and white smoother to decrease jagged edges and enhance the visual appearance.

### Values:

---

Off	Disables the Image Enhance feature.
-----	-------------------------------------

---

On <sup>*</sup>	Enables the Image Enhance feature.
-----------------	------------------------------------

---

## Hex Dump

### Purpose:

To help isolate the source of a print job problem. With Hex Dump selected, all data sent to the printer is printed in hexadecimal and character representation. Control codes are not executed.

### Values:

Disable*	Disables the Hex Dump feature.
Enable	Enables the Hex Dump feature.

## Draft Mode

### Purpose:

To save toner by printing in the draft mode. The print quality is reduced when printing in the draft mode.

### Values:

Disable*	Does not print in the draft mode.
Enable	Prints in the draft mode.

## Line Termination

### Purpose:

To add the line termination commands.

### Values:

Off*	The line termination command is not added. CR=CR, LF=LF, FF=FF
Add-LF	The LF command is added. CR=CR-LF, LF=LF, FF=FF
Add-CR	The CR command is added. CR=CR, LF=CR-LF, FF=CR-FF
CR-XX	The CR and LF commands are added. CR=CR-LF, LF=CR-LF, FF=CR-FF

## Ignore Form Feed

### Purpose:

To specify whether to ignore blank pages that only contain Form Feed control codes.

### Values:

Off*	Disables the Ignore Form Feed feature.
On	Enables the Ignore Form Feed feature.

## A4 Wide

### Purpose:

To expand the printable area width.

### Values:

Off*	Disables A4 Wide.
On	Enables A4 Wide.


## Barcode Mode

### Purpose:

To specify whether to enable the barcode mode, which is suitable for barcode printing.


### Values:

Disable*	Disables the barcode mode.
Enable	Enables the barcode mode.

 **NOTE:** Be sure to set to `Disable` after using the barcode mode.

## PS

Use the `PS` menu to change printer settings that only affect jobs using the PostScript 3 Compatible emulation printer language.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

## PS Error Report

### Purpose:

To specify whether the contents of the errors concerning PostScript 3 Compatible page description language are printed.

The change becomes effective after the printer is turned off and then on again.

### Values:

Off	Discards the print job without printing an error message.
On*	Prints an error message before it discards the job.

 **NOTE:** Instructions from the PS driver override the settings specified on the operator panel.

## PS Job Time-out

### Purpose:

To specify the execution time for one PostScript 3 Compatible job. The change becomes effective after the printer is turned off and then on again.

### Values:

Off*	Job time-out does not occur.			
On	<table border="1"><tr><td>1 minute*</td><td rowspan="2">An error concerning the PostScript 3 Compatible page description language occurs if processing is not completed after the specified time.</td></tr><tr><td>Available Range: 1-900 minutes</td></tr></table>	1 minute*	An error concerning the PostScript 3 Compatible page description language occurs if processing is not completed after the specified time.	Available Range: 1-900 minutes
1 minute*	An error concerning the PostScript 3 Compatible page description language occurs if processing is not completed after the specified time.			
Available Range: 1-900 minutes				

## Paper Select Mode

### Purpose:

To specify the way to select the tray for PostScript 3 Compatible mode. The change becomes effective after the printer is turned off and then on again.

### Values:

Auto *	The tray is selected as the same setting as in the PCL mode.
Select From Tray	The tray is selected in a method compatible with regular PostScript 3 Compatible printers.

## PDF

Use the PDF menu to change printer settings that only affect the PDF jobs.



**NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### Quantity

#### Purpose:

To specify the number of copies to print.

#### Values:

1 *	Sets the value in increments of 1.
Available Range: 1–999	

## 2 Sided Print

### Purpose:

To specify whether to print on both sides of a sheet of paper.

### Values:

1 Sided *	Does not print on both sides of a sheet of paper.	
2 Sided	Flip on Long Edge *	Prints on both sides of a sheet of paper to be bound by long edge.
	Flip on Short Edge	Prints on both sides of a sheet of paper to be bound by short edge.

## Print Mode

### Purpose:

To specify the print mode.

### Values:

Normal *	For documents with normal sized characters.
High Quality	For documents with small characters or thin lines, or documents printed using a dot-matrix printer.
High Speed	Prints with the higher speed than the Normal mode, but the quality is less.



**PDF Password****Purpose:**

To specify the password to print a PDF file secured with a document open password (password to open the PDF file).

**Values:**

Enter PDF Password	Enter the document open password to print the secure PDF
--------------------	--

**Collation****Purpose:**

To specify whether to sort the job.

**Values:**

Collated	Sorts the job.
Uncollated*	Does not sort the job.

**Output Size****Purpose:**

To specify the output paper size for PDF.

**Values:**

A4* <sup>1</sup>
Letter* <sup>1</sup>
Auto
* <sup>1</sup> The default paper size is displayed.

**Layout****Purpose:**

To specify the output layout.

**Values:**

Auto %*
100% (No Zoom)
Booklet
2 Pages Up
4 Pages Up

**Detect Job Separator****Purpose:**


To specify whether to detect the end of the job in printing PDF files successively.

**Values:**


Off	Disables the Detect Job Separator feature.
On*	Enables the Detect Job Separator feature.

## Network

Use the **Network** menu to change the printer settings affecting jobs sent to the printer through the wired or wireless network.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### Wi-Fi

 **NOTE:** The Wi-Fi feature is available on the Dell Cloud Multifunction Printer | H815dw only.

#### Purpose:

To confirm or specify wireless network settings.

#### Wi-Fi

#### Purpose:

To specify whether to enable the Wi-Fi feature.

#### Values:

Off	Disables the Wi-Fi feature.
On	Enables the Wi-Fi feature.

### Wi-Fi Status


#### Purpose:

To confirm the wireless communication status.

#### Values:

Status	Good
	Acceptable
	Low
	No Reception
SSID	Displays the name that identifies the wireless network.
Encryption Type	Displays the encryption type.

### Wi-Fi Setup Wizard

 **NOTE:** Wi-Fi Setup Wizard is available only when the printer is connected using the wireless network.

#### Purpose:

To configure the wireless network interface.

#### Values:

Select access point		Select the access point from the list.
	WEP Key	When you select an access point using WEP as the encryption type, enter the WEP key.
	Passphrase	When you select an access point using WPA, WPA2, or Mixed as the encryption type, enter the passphrase.
Manual SSID Setup	Enter SSID	Specifies a name to identify the wireless network. Up to 32 alphanumeric characters can be entered.

<b>Infrastructure</b>	Select when you configure the wireless settings through the access point such as a wireless router.
<b>No Security*</b>	Specifies No Security to configure the wireless settings without specifying an encryption type.
<b>Mixed mode PSK</b>	Select to configure the wireless settings with the encryption type of Mixed mode PSK. Mixed mode PSK automatically selects the encryption type from either WPA-PSK-TKIP, WPA-PSK-AES, or WPA2-PSK-AES.
<b>Passphrase</b>	Specifies the passphrase of alphanumeric characters from 8 to 63.
<b>WPA2-PSK-AES</b>	Select to configure the wireless settings with the encryption type of WPA2-PSK-AES.
<b>Passphrase</b>	Specifies the passphrase of alphanumeric characters from 8 to 63. (hex: 0-9, a-f, A-F, 16 to 64 characters)
<b>WEP</b>	Specifies the WEP key to use through the wireless network. For 64bit keys, 10 hexadecimal characters can be entered. For 128bit keys, 26 hexadecimal characters can be entered.
<b>Transmit Key</b>	Specifies the transmit key from <b>Auto*</b> , <b>WEP Key 1</b> , <b>WEP Key 2</b> , <b>WEP Key 3</b> , and <b>WEP Key 4</b> .
<b>Ad-hoc</b>	Select to configure the wireless settings without the access point such as a wireless router.
<b>No Security*</b>	Select to configure the wireless settings without specifying the encryption type from WEP.
<b>WEP</b>	Specifies the WEP key to use through the wireless network. For 64bit keys, up to 10 hexadecimal characters can be entered. For 128bit keys, up to 26 hexadecimal characters can be entered.
<b>Transmit Key</b>	Specifies the transmit key from <b>WEP Key 1*</b> , <b>WEP Key 2</b> , <b>WEP Key 3</b> , and <b>WEP Key 4</b> .

### **WPS Setup**

#### **Purpose:**

To configure the wireless network using WPS.

#### **Values:**

<b>Push Button Configuration*</b>	<b>Start Configuration</b>	Configures the wireless settings with WPS-PBC.
<b>PIN Code</b>	<b>Start Configuration</b>	Configures the wireless settings using the PIN code assigned automatically by the printer.
	<b>Print PIN Code</b>	Prints the PIN code. Confirm it when entering PIN assigned to the printer into your computer.

### ***IP Mode***

#### **Purpose:**

To configure the IP mode.

#### **Values:**

Dual Stack*	Uses both IPv4 and IPv6 to set the IP address.
IPv4 Mode	Uses IPv4 to set the IP address.
IPv6 Mode	Uses IPv6 to set the IP address.

### ***TCP/IP***

#### **Purpose:**

To configure TCP/IP settings.

#### **Values:**

Get IP Address	AutoIP*	Sets the IP address automatically. The printer will first try to get the IP address from the DHCP server. If the printer cannot get the IP address, then the printer uses the link local address. A random value in the range of 169.254.0.0 to 169.254.255.255 that is not currently in use on the network is set as the IP address. The subnet mask is set as 255.255.0.0.
	BOOTP	Sets the IP address using BOOTP.
	RARP	Sets the IP address using RARP.
	DHCP	Sets the IP address using DHCP.
	Panel	Use this option when you want to set the IP address manually on the operator panel.
IP Address		When an IP address is being set manually, the IP is allocated to the printer using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255.
Subnet Mask		When an IP address is being set manually, the subnet mask is specified using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255.  255.255.255.255 cannot be specified as the subnet mask.
Gateway Address		When an IP address is being set manually, the gateway address is specified using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255.  127 and any value in the range of 224 to 254 cannot be specified for the first octet of a gateway address.

### ***IPsec***



**NOTE:** IPsec feature is available only when **IPsec** is enabled on the **Dell Printer Configuration Web Tool**.

#### **Purpose:**

Disables IPsec.

### **Reset Wi-Fi**

#### **Purpose:**

To initialize wireless network settings. After executing this function and rebooting the printer, all wireless network settings are reset to their default values.

### **Wi-Fi Direct**



**NOTE:** The Wi-Fi Direct feature is available on the Dell Cloud Multifunction Printer | H815dw only.


#### **Purpose:**

To configure the Wi-Fi Direct network settings.

#### **Values:**

Wi-Fi Direct	Disable *	Disables the Wi-Fi Direct network.	
	Enable	Enables the Wi-Fi Direct network.	
Group Role	Auto	Automatically resolves the group role for Wi-Fi Direct.	
	Group Owner *	Sets the printer as the Group Owner when using Wi-Fi Direct. Setting the printer to become the group owner makes it possible for devices to discover this printer. The SSID of the printer will be then displayed in the list of wireless networks on your Wi-Fi mobile device.	
Device Name		Specifies the printer name that identifies the Wi-Fi Direct network with up to 32 alphanumeric characters. Confirm it when selecting the printer name on your Wi-Fi certified device.	
Paired Device		Displays the status of the Wi-Fi Direct connections between the printer and up to 3 Wi-Fi mobile devices.	
	Disconnect All	Disconnects all the Wi-Fi Direct connections.	
	Disconnect now	Disconnects all the Wi-Fi Direct connections right now.	
	Disconnect and Reset Passphrase	Disconnects the Wi-Fi Direct connections and resets the passphrase.	
SSID		Displays the name that identifies the Wi-Fi Direct network. You can also specify the name with up to 32 alphanumeric characters ("DIRECT-XY" cannot be changed). Confirm it when selecting the Wi-Fi Direct network name on the Wi-Fi mobile devices.	
Passphrase		Displays the passphrase. Confirm it when entering the passphrase into the Wi-Fi mobile devices.	
	Print Passphrase	Prints the passphrase. Confirm it when entering the passphrase into the Wi-Fi mobile devices.	
	Reset Passphrase	Resets the passphrase.	
WPS Setup		Configures the Wi-Fi Direct network using WPS.	
	Push Button Configuration *	Configures the Wi-Fi Direct network with WPS-PBC.	
	PIN Code		Configures the Wi-Fi Direct network using PIN code assigned automatically by the printer.
		Print PIN Code	Prints the PIN code. Confirm it when entering PIN assigned to the printer into your Wi-Fi mobile device.
		Reset Code	Resets the PIN code.

## Ethernet

 **NOTE:** When the Ethernet cable is connected, Ethernet is displayed.

### Purpose:

To confirm or specify wired network settings.

### IP Mode

#### Purpose:

To configure the IP mode.

#### Values:

Dual Stack*	Uses both IPv4 and IPv6 to set the IP address.
IPv4 Mode	Uses IPv4 to set the IP address.
IPv6 Mode	Uses IPv6 to set the IP address.

### TCP/IP

#### Purpose:

To configure TCP/IP settings.

#### Values:

Get IP Address	AutoIP*	Sets the IP address automatically. The printer will first try to get the IP address from the DHCP server. If the printer cannot get the IP address, then the printer uses the link local address. A random value in the range of 169.254.0.0 to 169.254.255.255 that is not currently in use on the network is set as the IP address. The subnet mask is set as 255.255.0.0.
	BOOTP	Sets the IP address using BOOTP.
	RARP	Sets the IP address using RARP.
	DHCP	Sets the IP address using DHCP.
	Panel	Use this option when you want to set the IP address manually on the operator panel.
IP Address		When an IP address is being set manually, the IP is allocated to the printer using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255.
Subnet Mask		When an IP address is being set manually, the subnet mask is specified using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255.  255.255.255.255 cannot be specified as the subnet mask.
Gateway Address		When an IP address is being set manually, the gateway address is specified using the format nnn.nnn.nnn.nnn. Each octet that makes up nnn.nnn.nnn.nnn is a value in the range of 0 to 255.  127 and any value in the range of 224 to 254 cannot be specified for the first octet of a gateway address.


### IPsec

 **NOTE:** IPsec feature is available only when IPsec is enabled on the **Dell Printer Configuration Web Tool**.

### Purpose:

Disables IPsec.

### Connection Speed

 **NOTE:** Connection Speed feature is available only when the printer is connected using the wired network.

#### Purpose:

To specify the communication speed and the duplex settings of Ethernet. The change becomes effective after the printer is turned off and then on again.

#### Values:

Auto *	Detects the Ethernet settings automatically.
10BASE-T Half	Uses 10BASE-T Half-duplex.
10BASE-T Full	Uses 10BASE-T Full-duplex.
100BASE-TX Half	Uses 100BASE-TX Half-duplex.
100BASE-TX Full	Uses 100BASE-TX Full-duplex.
1000BASE-T Full	Uses 1000BASE-T Full-duplex.

### Protocols

#### Purpose:

To enable or disable each protocol. The change becomes effective after the printer is turned off and then on again.

#### Values:

LPD	Disable	Disables the Line Printer Daemon (LPD) port.
	Enable *	Enables the Line Printer Daemon (LPD) port.
Port9100	Disable	Disables the Port9100 port.
	Enable *	Enables the Port9100 port.
FTP	Disable	Disables FTP port.
	Enable *	Enables FTP port.
IPP	Disable	Disables IPP port.
	Enable *	Enables IPP port.
SMB TCP/IP	Disable	Disables SMB TCP/IP port.
	Enable *	Enables SMB TCP/IP port.
WSD Print	Disable	Disables Web Services on Devices (WSD) print.
	Enable *	Enables Web Services on Devices (WSD) print.
WSD Scan	Disable	Disables Web Services on Devices (WSD) scan.
	Enable *	Enables Web Services on Devices (WSD) scan.
Network TWAIN	Disable	Disables Network TWAIN.
	Enable *	Enables Network TWAIN.
SNMP UDP	Disable	Disables the Simple Network Management Protocol (SNMP) UDP port.
	Enable *	Enables the Simple Network Management Protocol (SNMP) UDP port.
E-mail Alert	Disable	Disables the E-mail Alert feature.
	Enable *	Enables the E-mail Alert feature.
Dell Printer Configuration Web Tool	Disable	Disables an access to Dell Printer Configuration Web Tool embedded in the printer.
	Enable *	Enables an access to Dell Printer Configuration Web Tool embedded in the printer.

Bonjour(mDNS)	Disable	Disables Bonjour (mDNS).
	Enable*	Enables Bonjour (mDNS).
Telnet	Disable	Disables Telnet.
	Enable*	Enables Telnet.
Update Address Book	Disable	Disables Update Address Book.
	Enable*	Enables Update Address Book.
HTTP-SSL/TLS <sup>*1</sup>	Disable*	Disables HTTP-SSL/TLS.
	Enable	Enables HTTP-SSL/TLS.
Google Cloud Print	Disable	Disables Google Cloud Print.
	Enable*	Enables Google Cloud Print.
Print from Widget Apps	Disable	Disables printing from the widget apps.
	Enable*	Enables printing from the widget apps.
Scan to Widget Apps	Disable	Disables scanning to the widget apps.
	Enable*	Enables scanning to the widget apps.

\*1 This feature is available only when a digital certificate is set from the Dell Printer Configurations Web Tool. This printer supports only TLS connections.

### Advanced Settings

#### Purpose:

To specify advanced network settings.

#### IP Filter



**NOTE:** IP Filter feature is available only for LPD or Port9100.

#### Purpose:

To block data received from certain IP addresses through the wired or wireless network. You can set up to five IP addresses. The change becomes effective after the printer is turned off and then on again.

#### Values:

n (n is 1-5)	IP Address		Sets the IP address for Filter n.	
	Subnet Mask		Sets the address mask for Filter n.	
	Mode	Off*		Disables the IP Filter feature for Filter n.
		Accept		Accepts an access from the specified IP address.
		Reject		Rejects an access from the specified IP address.

#### IEEE 802.1x



**NOTE:** IEEE 802.1x feature is available only when the printer is connected using Ethernet cable and it is available only when the IEEE 802.1x authentication is enabled.

#### Purpose:

To disable IEEE 802.1x authentication. The change becomes effective after the printer is turned off and then on again.



### ***PS Data Format***

#### **Purpose:**

To specify PostScript 3 Compatible communication protocol, you can configure the PS Data Format settings. The change becomes effective after the printer is turned off and then on again.

#### **Values:**

Auto*	Used when auto-detecting the PostScript 3 Compatible communication protocol.
Standard	Used when the communication protocol is in ASCII interface.
BCP	Used when the communication protocol is in binary format.
TBCP	Used when the communication protocol supports both ASCII and binary data to switch between them according to the specified control code.
Binary	Used when no special processing is required for data.

### **Reset LAN**

#### **Purpose:**

To initialize wired network data stored in non-volatile memory (NVM). After executing this function and rebooting the printer, all wired network settings are reset to their default values.

### **Delete All Certificates**

#### **Purpose:**

To delete all certificates of the printer. After executing this function and rebooting the printer, all certificates are deleted.

### **Fax Settings**

Use the Fax Settings menu to configure the basic fax settings.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### **Fax Line Settings**

#### **Purpose:**

To configure basic settings for the fax line.

### **Fax Number**

#### **Purpose:**

To set the fax number of the printer, which will be printed on the header of a fax message.

 **NOTE:** Ensure to specify Fax Number before using Junk Fax Setup.

**Country****Purpose:**

To select the country where the printer is used.

**Values:**

Australia	Italy	Singapore
Austria	Japan*	South Africa
Belgium	Luxembourg	Spain
Canada	Malaysia	Sweden
Colombia	Mexico	Switzerland
Denmark	Netherlands	Thailand
France	New Zealand	Turkey*
Germany	Norway	United Kingdom
Greece*	Poland*	United States
Iceland*	Portugal*	Unknown
Ireland	Saudi Arabia*	

\* Available on the Dell Smart Multifunction Printer | S2815dn only.

**Fax Header Name****Purpose:**

To set the sender name to be printed on the header on faxes.

**Line Type****Purpose:**

To select the default line type.

**Values:**

PSTN*	Uses PSTN.
PBX	Uses PBX.

**Line Monitor****Purpose:**

To set the volume of the line monitor, which audibly monitors a transmission through the internal speaker until a connection is made.

**Values:**

Off	Turns off the volume of the line monitor.
Low	Sets the volume of the line monitor to Low.
Medium*	Sets the volume of the line monitor to Medium.
High	Sets the volume of the line monitor to High.

**DRPD Pattern**

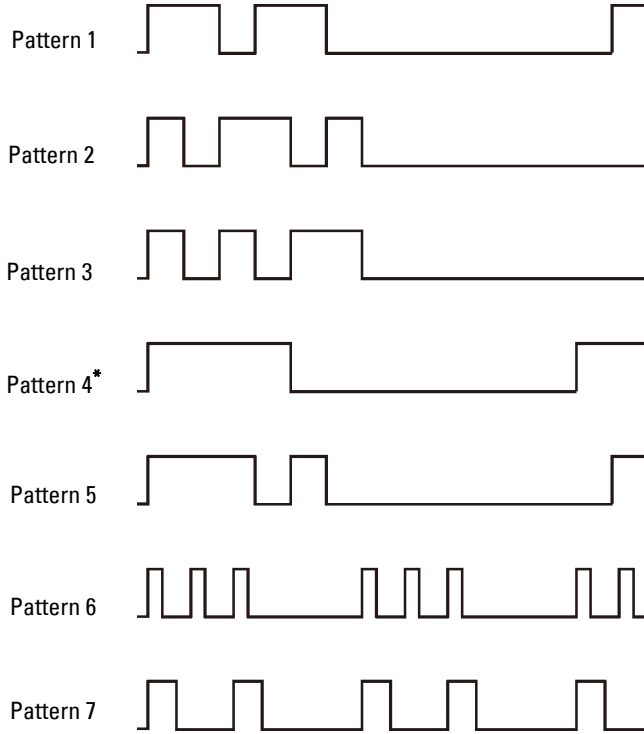
**Purpose:**

To provide a separate number for faxing with a distinctive ring pattern.

**Values:**

---

Pattern1-7      DRPD is a service provided by some telephone companies. DRPD Patterns are specified by your telephone company. The patterns provided with your printer are shown below:



Ask your telephone company which pattern you need to select to use this service. For example, Pattern 7 is the New Zealand FaxAbility distinctive ringing pattern: rings for 400 ms, stops for 800 ms, rings for 400 ms and stops for 1400 ms. This pattern is repeated over and over again. This printer only responds to Distinctive Alert cadence(s) DA4 in New Zealand.

---

**Incoming Defaults**

**Purpose:**

To configure settings for incoming fax.

### ***Receive Mode***

#### **Purpose:**

To select the default fax receiving mode.

#### **Values:**

<b>Telephone</b>	Automatic fax reception is turned off. You can receive a fax by picking up the handset of the external telephone and then pressing the remote receive code, or by tapping <b>Manual Receive</b> in <b>On Hook</b> and then tapping <b>Receive</b> . For details about <b>Manual Receive</b> , see "Receiving a Fax Manually in the Telephone Mode."
<b>Fax*</b>	Automatically receives faxes.
<b>Telephone / Fax</b>	When the printer receives an incoming fax, the external telephone rings for the time specified in <b>Auto Receive Tel/Fax</b> , and then the printer automatically receives a fax. If an incoming call is not a fax, the printer beeps from the internal speaker indicating that the call is a telephone call.
<b>Ans Machine/Fax</b>	The printer can share a telephone line with an answering machine. In this mode, the printer will monitor the fax signal and pick up the line if there are fax tones. If the phone communication in your country is serial, this mode is not supported.
<b>DRPD</b>	Before using the Distinctive Ring Pattern Detection (DRPD) option, a distinctive ring service must be installed on your telephone line by the telephone company. After the telephone company has provided a separate number for faxing with a distinctive ring pattern, configure the fax setup to monitor for that specific ring pattern.

### ***Ring Tone Volume***

#### **Purpose:**

To set the volume of the ring tone, which indicates that an incoming call is a telephone call through the internal speaker when **Receive Mode** is set to **Telephone/Fax**.

#### **Values:**

<b>Off</b>	Turns off the volume of the ring tone.
<b>Low</b>	Sets the volume of the ring tone to Low.
<b>Medium</b>	Sets the volume of the ring tone to Medium.
<b>High*</b>	Sets the volume of the ring tone to High.

### ***Auto Receive Setup***

#### **Purpose:**

To configure settings for automatic fax reception.

#### **Values:**

<b>Auto Receive Fax</b>	<b>0 second*</b>	Sets the interval at which the printer goes into the fax receive mode after receiving an incoming call. The value is set in increments of 1 second.
	<b>Available Range: 0-255 seconds</b>	
<b>Auto Receive Tel/Fax</b>	<b>6 seconds*</b>	Sets the interval at which the printer goes into the fax receive mode after the external telephone receives an incoming call. The value is set in increments of 1 second.
	<b>Available Range: 0-255 seconds</b>	

Auto Receive Ans/Fax	21 seconds*	Sets the interval at which the printer goes into the fax receive mode after the external answering machine receives an incoming call. The value is set in increments of 1 second.
Available Range: 0-255 seconds		

### **Junk Fax Setup**

#### **Purpose:**

To reject unwanted faxes by accepting faxes only from the fax numbers registered in the Phone Book.

#### **Values:**

Off*	Does not reject faxes sent from unwanted numbers.
On	Rejects faxes sent from unwanted numbers.

### **Secure Receive**



**NOTE:** Secure Receive feature is available only when Panel Lock Control is set to Enable.

#### **Purpose:**

Allows you to password protect all the incoming faxes, and to set or change the password.

When the Secure Receive feature is enabled, the printer stores incoming faxes and prints them when the correct password is entered on the operator panel.

#### **Values:**

Secure Receive Set	Disable*	Does not require a password to print stored incoming faxes.
	Enable	Requires a password to print stored incoming faxes.
Change Password* <sup>1</sup>	0000-9999	Sets or changes the password required to print stored incoming faxes.

\*<sup>1</sup> This item is available only when Secure Receive Set is set to Enable.

### **Received Fax Forward**



**NOTE:** Forward to Email feature is available only when E-Mail Server information and Forwarding E-mail Address are registered. For information on e-mail server settings, see "E-Mail Server" and on forwarding e-mail address information, see "Fax Settings."


#### **Purpose:**

To set whether to forward incoming faxes to a specified destination.

#### **Values:**

Off*	Does not forward incoming faxes.
Forward	Forwards incoming faxes to a specified destination. Prints incoming faxes if an error occurs during the transfer.
	Forwarding Number Specifies the fax number of the destination to which incoming faxes will be forwarded.
Print and Forward	Prints incoming faxes and also forwards them to a specified destination.
	Forwarding Number Specifies the fax number of the destination to which incoming faxes will be forwarded.
Forward to Email	Forwards incoming faxes to specified e-mail addresses. Prints incoming faxes if an error occurs during the transfer.

Print and Forward to E-mail	Prints incoming faxes and also forwards them to specified e-mail addresses.
Forward to Server	Forwards incoming faxes to a specified server address. Prints incoming faxes if an error occurs during the transfer.
Print and Forward to Server	Prints incoming faxes and also forwards them to a specified server address.

 **NOTE:** Depending on the e-mail server settings, the printer may not print incoming faxes when forwarding the incoming faxes to e-mail addresses is not successful.

### **2 Sided Print**

To set the duplex printing for fax.

Values:

Off <sup>*</sup>	Does not perform duplex printing.
On	Performs duplex printing.

### **Remote Receive**

Purpose:

To receive a fax by pressing a remote receive code on the external telephone after picking up the handset of the telephone.

Values:

Off <sup>*</sup>	Does not receive a fax by pressing a remote receive code on the external telephone.
On	Receives a fax by pressing a remote receive code on the external telephone.
	<b>Remote Receive Tone</b> Specifies the tone in two digits to start Remote Receive.

### **Discard Size**

Purpose:

To set the printer to discard images or any text at the bottom of a fax page when the entire page does not fit the output paper.

Values:

Off <sup>*</sup>	Prints excess images or text at the bottom of a fax page without discarding it.
On	Discards any excess images or text.
Auto Reduction	Automatically reduces a fax page to fit it onto the appropriate paper size.

### **Transmission Defaults**

Purpose:

To configure settings for transmitting fax.

### ***Auto Redial Setup***

#### **Purpose:**

To configure settings for automatic redial.

#### **Values:**

Redial Attempts	3*	Sets the number of redial attempts to make when the destination fax number is busy. If you enter 0, the printer will not redial. The value is set in increments of 1.
	Available Range: 0-13	
Interval of Redial	1 minute*	Sets the interval between redial attempts. The value is set in increments of 1 minute.
	Available Range: 1-15 minutes	
Resend Delay	8 seconds*	Sets the interval between re-send attempts. The value is set in increments of 1 second.
	Available Range: 3-255 seconds	

### ***Tone / Pulse***

#### **Purpose:**

To select the dialing type.

#### **Values:**

Tone*	Uses tone dialing.
Pulse(10PPS)	Sets "DP (10PPS)" (Dial Pulse, 10 Pulse Per Second) as the dial type.
Pulse(20PPS)	Sets "DP (20PPS)" (Dial Pulse, 20 Pulse Per Second) as the dial type.

### ***Prefix Dial***

#### **Purpose:**

To select whether to set a prefix dial number.

#### **Values:**

Off*	Does not set a prefix dial number.
On	Sets a prefix dial number.
	<b>Prefix Dial Number</b> Sets a prefix dial number of up to five digits. This number dials before any auto dial number is started. It is useful for accessing the Private Automatic Branch Exchange (PABX).

### ***Fax Cover Page***

#### **Purpose:**

To set whether to attach a cover page to faxes.

#### **Values:**

Off*	Does not attach a cover page to faxes.
On	Attaches a cover page to faxes.



**NOTE:** This setting affects the setting of the direct fax driver, and the default setting of the fax function when the **Fax** tile is added on the **Home** screen.


### ***Fax Header***

**Purpose:**

To print the information of the sender on the header of the faxes.

**Values:**

Off	Does not print the sender's information on the header of faxes.
On*	Prints the sender's information on the header of faxes.

 **NOTE:** If `United States` is selected for the setting of `Country`, this option does not appear on the menu. The setting is fixed to `On` and cannot be changed. For information on the country setting, see "Setting Your Country."

### ***ECM***

**Purpose:**

To set whether to enable or disable the Error Correction Mode (ECM). To use the ECM, the remote machines must also support the ECM.

**Values:**

Off	Disables the ECM.
On*	Enables the ECM.

### ***Modem Speed***

**Purpose:**

To adjust the fax modem speed when a fax transmission or reception error occurs.

**Values:**

2.4 Kbps
4.8 Kbps
9.6 Kbps
14.4 Kbps
33.6 Kbps*

### ***Display Manual Fax Recipients***

**Purpose:**

To set whether to display the fax number of the recipient on the **Sending Fax** screen when manually sending a fax.

**Values:**

Off	Does not display the fax number when manually sending a fax.
On*	Displays the fax number when manually sending a fax.

### ***Fax Reports***

**Purpose:**

To configure settings for fax reports.



### ***Fax Activity***

#### **Purpose:**

To set whether to automatically print a fax activity report after every 50 incoming and outgoing fax communications.

#### **Values:**

Auto Print*	Automatically prints a fax activity report after every 50 incoming and outgoing fax communications.
No Auto Print	Does not automatically print a fax activity report after every 50 incoming and outgoing fax communications.

### ***Fax Transmit***

#### **Purpose:**

To set whether to print a transmission result after a fax transmission.

#### **Values:**

Print Always	Prints a transmission report after every fax transmission.
Print On Error*	Prints a transmission report only when an error occurs.
Print Disable	Does not print a transmission report after a fax transmission.

### ***Fax Broadcast***

#### **Purpose:**

To set whether to print a transmission result after a fax transmission to multiple destinations.

#### **Values:**

Print Always*	Prints a transmission report after every fax transmission.
Print On Error	Prints a transmission report only when an error occurs.
Print Disable	Does not print a transmission report after a fax transmission to multiple destinations.

### ***Fax Protocol***

#### **Purpose:**

To set whether to print the protocol monitor report, which helps you identify the cause of a communication problem.

#### **Values:**

Print Always	Prints a protocol monitor report after every fax transmission.
Print On Error	Prints the protocol monitor report only when an error occurs.
Print Disable*	Does not print the protocol monitor report.

## **System Settings**

Use **System Settings** to configure the power saving mode, warning tones, time-out duration, display language, and job log auto print settings.



**NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### **General**

#### **Purpose:**

To configure general settings for the printer.

### **Power Saver Timer**

#### **Purpose:**

To specify the time for transition to power saver mode.


#### **Values:**

Sleep	7 minutes* Available Range: 1–60 minutes	Specifies the time taken by the printer to enter Sleep mode after it finishes a job.
Deep Sleep	8 minutes* Available Range: 1–60 minutes	Specifies the time taken by the printer to enter Deep Sleep mode after it has entered Sleep mode.

When you specify 1 minute for `Sleep`, the printer enters power saver mode 1 minute after it finishes a job. This uses much less energy, but requires more warm-up time for the printer. Specify 1 minute if your printer shares an electrical circuit with room lighting and you notice lights flickering.

Select a high value if your printer is in constant use. In most circumstances, this keeps the printer ready to operate with minimum warm-up time.

Select a medium value if you want a balance between energy consumption and a shorter warm-up period.

The printer automatically returns to the standby mode from the power saver mode when it receives data from the computer or remote fax machine. You can also change the status of the printer to the standby mode by pressing the  (Power Saver) button on the operator panel.

### **Date & Time**

#### **Purpose:**

To specify the date and time formats.

#### **Values:**

Time Zone		Sets the time zone.
Date		Sets the date depending on the <code>Format</code> settings.
	Format	Sets the date format.
Time		Sets the time.
	Format	12 Hour Sets the time in 12-hour format.
		24 Hour Sets the time in 24-hour format.

### **mm / inch**

#### **Purpose:**

To specify the default measurement unit displayed after the numeric value on the operator panel.

#### **Values:**

Millimeters(mm)*	Selects millimeter as the default measurement unit.
Inches(″)	Selects inch as the default measurement unit.



**NOTE:** The default for `mm / inch` varies depending on other settings, such as `Country` and `Document Size`.

### **Screen Brightness**

#### **Purpose:**

To adjust the screen brightness of the touch panel.

#### **Values:**

---

5*	Sets the brightness in ten levels, with ten being the brightest.
----	--

---

Available Range: 1-10

---

### **Audio Tone**

#### **Purpose:**

To configure settings for tones emitted by the printer during operation or when a warning message appears.

#### **Values:**

---

Control Panel	Off*	Does not emit a tone when the operator panel input is correct.
	Soft	Emits a tone when the operator panel input is correct.
	Normal	
	Loud	
Invalid Key	Off*	Does not emit a tone when the operator panel input is incorrect.
	Soft	Emits a tone when the operator panel input is incorrect.
	Normal	
	Loud	
Machine Ready	Off	Does not emit a tone when the printer is ready to process a job.
	Soft	Emits a tone when the printer is ready to process a job.
	Normal*	
	Loud	
Copy Completed	Off	Does not emit a tone when a copy job is complete.
	Soft	Emits a tone when a copy job is complete.
	Normal*	
	Loud	
Job Completed	Off	Does not emit a tone when a job other than a copy job is complete.
	Soft	Emits a tone when a job other than a copy job is complete.
	Normal*	
	Loud	
Fault Tone	Off	Does not emit a tone when a job ends abnormally.
	Soft	Emits a tone when a job ends abnormally.
	Normal*	
	Loud	
Alert Tone	Off	Does not emit a tone when a problem occurs.
	Soft	Emits a tone when a problem occurs.
	Normal*	
	Loud	

---

Out of Paper	Off	Does not emit a tone when the printer runs out of paper.
	Soft	Emits a tone when the printer runs out of paper.
	Normal*	
	Loud	
Low Toner Alert	Off	Does not emit a tone when the toner is low.
	Soft	Emits a tone when the toner is low.
	Normal*	
	Loud	
Auto Clear Alert	Off*	Does not emit a tone 5 seconds before the printer performs auto clear.
	Soft	Emits a tone 5 seconds before the printer performs auto clear.
	Normal	
	Loud	
NFC Authentication <sup>*1</sup>	Off	Does not emit a tone when an NFC card is placed on the NFC reader for authentication.
	Soft	Emits a tone when an NFC card is placed on the NFC reader for authentication.
	Normal*	
	Loud	
All Tones	Off	Disables all the alert tones.
	Soft	Sets the volume of all the alert tones at once.
	Normal*	
	Loud	

\*1 This item is available only on the Dell Cloud Multifunction Printer | H815dw.

### ***Low Toner Alert Message***

#### **Purpose:**

To specify whether to show the alert message when the toner is low.

#### **Values:**

Off	Does not show the alert message when the toner is low.
On*	Shows the alert message when the toner is low.

### ***OffHook Wake Up***

#### **Purpose:**

To specify whether to wake up from Sleep or Deep Sleep mode when you pick up the handset of the external telephone.

#### **Values:**

Off*	Does not wake up from Sleep or Deep Sleep mode when you pick up the handset of the external telephone.
On	Wakes up from Sleep or Deep Sleep mode when you pick up the handset of the external telephone.

### ***Auto Log Print***

#### **Purpose:**

To automatically print a job history report after every 20 jobs.

#### **Values:**

Off*	Does not automatically print a job history report.
On	Automatically prints a job history report.

Print logs can also be printed using the Report/List menu.


### ***RAM Disk***

#### **Purpose:**

To allocate memory to the RAM disk file system for the Secure Print, Private Mail Box Print, Public Mail Box Print, and Proof Print features. The change becomes effective after the printer is turned off and then on again.

#### **Values:**

Off		Does not allocate memory to the RAM disk file system. Secure Print, Private Mail Box Print, Public Mail Box Print, and Proof Print jobs will abort and be recorded to the job log.
On *	260 MB	Sets the allocation of memory to the RAM disk file system in increments of 20 MB.
	Available Range: 20-300 MB	

 **NOTE:** Restart your printer when you change the settings for the RAM Disk menu.


### ***Fax Server Phone Book***

#### **Purpose:**

To specify whether to search the phone numbers from the phone book for the LDAP server.

#### **Values:**

Off*	Does not search the phone numbers from the phone book for the LDAP server.
On	Searches the phone numbers from the phone book for the LDAP server.

 **NOTE:** You can search the phone numbers only from the local Phone Book when Fax Server Phone Book is set to Off.


### ***E-mail Server Address Book***

#### **Purpose:**

To specify whether to search the e-mail addresses from the address book for the LDAP server.

#### **Values:**

Off*	Does not search the e-mail addresses from the address book for the LDAP server.
On	Searches the e-mail addresses from the address book for the LDAP server.

 **NOTE:** You can search the e-mail addresses only from the local Address Book when E-mail Server Address Book is set to Off.

**Power On Wizard**

**Purpose:**

To perform initial setup for the printer.

**Max E-mail Size**

**Purpose:**

To specify the maximum size of e-mail that can be sent.

**Values:**

---

4096 KB*	Sets the maximum size of e-mail that can be sent, in increments of 1 KB.
<b>Available Range:</b>	
50-16384 KB	

---

**Timers**

**Purpose:**

To configure timer settings.

**Auto Reset**

**Purpose:**

To automatically reset the settings for Copy, Scan, Fax, E-mail, or Print to the default settings and return to the standby mode after you do not specify any settings for the specified time.

**Values:**

---

45sec*
1min
2min
3min
4min

---

**Fault Time-out**

**Purpose:**

To specify the amount of time the printer waits before canceling a job that stops abnormally. The print job is canceled if the time-out time is exceeded.

**Values:**

---

Off	Disables the fault time-out.
On*	Sets the amount of time the printer waits before canceling a job that stops abnormally.
60 seconds*	
<b>Available Range: 3-300 seconds</b>	

---

**Output Settings**

**Purpose:**

To configure settings concerning output from the printer.

### **Default Paper Size**

**Purpose:**

To specify the default paper size.

**Values:**

mm series

---

A4 (210x297mm)<sup>\*1</sup>

---

Letter(8.5x11")

---

<sup>\*1</sup> Denotes country-specific factory default values.

---

inch series

---

A4 (210x297mm)

---

Letter(8.5x11")<sup>\*1</sup>

---

<sup>\*1</sup> Denotes country-specific factory default values.

---

### **Print ID**

**Purpose:**


To specify a location where the user ID is printed.

**Values:**

---

Off <sup>*</sup>	Does not print the user ID.
Top Left	Prints the user ID on the top left of the page.
Top Right	Prints the user ID on the top right of the page.
Bottom Left	Prints the user ID on the bottom left of the page.
Bottom Right	Prints the user ID on the bottom right of the page.

---

 **NOTE:** When printing on DL size paper, a part of the user ID may not be printed correctly.

### **Print Text**

**Purpose:**

To specify whether the printer outputs PDL (Page Description Language) data, which is not supported by the printer, as text when the printer receives it. Text data is printed on A4 or Letter size paper.

**Values:**

---

Off	Does not print the received data.
On <sup>*</sup>	Prints the received data as text data.

---

### ***Banner Sheet***

#### **Purpose:**

To specify the position of banner sheet, and also specify the tray in which the banner sheet is loaded.

#### **Values:**

Insert Position	Off <sup>*</sup>	Does not print the banner sheet.
	Front	Inserted before the first page of every copy.
	Back	Inserted after the last page of every copy.
	Front & Back	Inserted before the first page of every copy and after the last page of every copy.
Specify Tray	MPF	The banner sheet is loaded in the MPF.
	Tray1 <sup>*</sup>	The banner sheet is loaded in tray1.
	Tray2 <sup>*1</sup>	The banner sheet is loaded in the optional 550-sheet feeder.

<sup>\*1</sup> This item is available only when the optional 550-sheet feeder is installed.

### ***Substitute Tray***

#### **Purpose:**

Specifies whether to use paper of a different size when the paper that is loaded in the specified tray does not match the paper size settings for the current job.

#### **Values:**

Off	No tray size substitute accepted.
Larger Size	Substitutes paper of next largest size. When there is no larger paper size, the printer substitutes paper of nearest size.
Nearest Size <sup>*</sup>	Substitutes paper of nearest size.
Use MPF	Substitutes paper from the MPF.

### ***Letterhead 2 Sided***

#### **Purpose:**

To specify whether to print on both sides when using letterhead.

#### **Values:**

Disable <sup>*</sup>	Does not print on both sides of letterhead.
Enable	Prints on both sides of letterhead.

### ***A4<>Letter Switch***

#### **Purpose:**

To print A4 size jobs on Letter size paper if A4 size paper is not available or to print Letter size jobs on A4 size paper if Letter size paper is not available.

#### **Values:**

Off <sup>*1</sup>	Does not print A4 size jobs on Letter size paper or Letter size jobs on A4 paper.
On <sup>*</sup>	Prints A4 size jobs on Letter size paper if A4 is not available in the paper trays and vice versa (Letter size job on A4 size paper).



- 
- \*1 Depending on the printer setting, the printer will continue to print on existing media of a different size or prompt the user to select from the following:
- Delete Job
  - Supply with correct media
- 

### ***A5<>Statement Switch***

#### **Purpose:**

To print A5 size jobs on Statement size paper if A5 size paper is not available or to print Statement size jobs on A5 size paper if Statement size paper is not available.

#### **Values:**

---

Off* <sup>1</sup>	Does not print A5 size jobs on Statement size paper or Statement size jobs on A5 paper.
On*	Prints A5 size jobs on Statement size paper if A5 is not available in the paper trays and vice versa (Statement size job on A5 size paper).

---

- \*1 Depending on the printer setting, the printer will continue to print on existing media of a different size or prompt the user to select from the following:
- Delete Job
  - Supply with correct media
- 

### ***Report 2 Sided Print***

#### **Purpose:**

To specify to print reports on both sides a sheet of paper.

#### **Values:**

---

1 Sided*	Prints reports on one side of a sheet of paper.
2 Sided	Prints reports on both side of a sheet of paper.

---

### ***Use Another Tray***

#### **Purpose:**

To change to another paper tray when a paper size runs out in the specified paper tray.



**NOTE:** If you select another paper tray with paper size smaller than the paper size specified in the job, the parts that do not fit are not printed (print size is not adjusted automatically).

#### **Values:**

---

Off	Does not print on other paper sizes in other paper trays if the paper size specified in the job runs out.
On*	Shows a message to select another tray when the specified paper runs out in the paper tray.

---

### ***Envelope Mode Mismatch***

#### **Purpose:**

To specify whether to display the alert window when the print job is started without setting to the envelope mode.

#### **Values:**

---

Ignore	Does not display the alert window and continues the print job on the envelope even if a mismatch is detected in the printer's envelope mode settings.
Show Warning*	Displays the alert window to confirm whether to hold the print job and change to the envelope mode, or to continue the print job anyway without changing to the envelope mode.

---


### **Resume Printing After Jam Recovery**

**Purpose:**

To specify whether to reprint or cancel the jammed job after the printer is recovered from paper jam.

**Values:**

Off	Cancel the jammed job when the paper jam happens.
On*	Reprint the jammed job after the printer is recovered from paper jam.

 **NOTE:** This setting will not affect the fax jobs.


### **Set Available Time**

**Purpose:**


Sets the available time for the Copy, Scan, Fax, and Print functions.

**Values:**

Copy, Scan, Fax, Print	Set Available Time	Off*	Does not set the time when function is available.
		On	Sets the time when function is available.
	Start Time		Sets the start time of the available time.
	End Time		Sets the end time of the available time.
	Recurrence		Sets the day of the week to repeat the setting.

 **NOTE:** Set Available Time can be configured when Print, Copy, Scan, or Fax is set to On.

### **Secure Job Expiration**

 **NOTE:** Secure Job Expiration feature is available only when RAM Disk is set to On.

**Purpose:**

To specify the date and time to delete the files stored as Secure Print in the RAM disk.

**Values:**

Expiration Mode	Off*	Does not set the date and time to delete the files stored as Secure Print in the RAM disk.
	On	Sets the date and time to delete the files stored as Secure Print in the RAM disk.
Expiration Time		Sets the time to delete the files stored as Secure Print in the RAM disk.
Recurrence	Daily	Sets the recurrence to delete the files stored as Secure Print in the RAM disk daily.
	Weekly*	Sets the recurrence to delete the files stored as Secure Print in the RAM disk weekly.
	Monthly	Sets the recurrence to delete the files stored as Secure Print monthly.

Weekly Setting	Monday	Sets the day of the week to delete the files stored as Secure Print.
	Tuesday	
	Wednesday	
	Thursday	
	Friday	
	Saturday	
	Sunday*	
Monthly Setting	1 Day*	Sets the day of the month to delete the files stored as Secure Print in the RAM disk.
	Available Range: 1-28 days	

### AccessControl Mode

#### Purpose:

To specify who has access to printing.

#### Values:

Off*	Does not limit access to printing.
On	Limits access to printing. Authentication is done using user information registered on the printer.

### Non Registered User

#### Purpose:

To specify whether to permit the printing of data without authentication information.

#### Values:

Off*	Does not permit non-account user to print the data.
On	Permits non-account user to print the data.

### AccessControl Error Report


#### Purpose:

To specify whether to automatically print error-related information if printing with AccessControl results in an error.

#### Values:

Off*	Does not print the error report when printing with AccessControl results in an error.
On	Prints the error report when printing with AccessControl results in an error.

### NFC - Tap to Print

 **NOTE:** The Tap to Print feature is available on the Dell Cloud Multifunction Printer | H815dw only.

#### Purpose:


To specify whether to add the printer to a mobile device such as a tablet or a smartphone by tapping the device to (NFC) of the printer.

#### Values:

Disable	Does not add the printer to a mobile device by tapping the device to the printer.
Enable*	Adds the printer to a mobile device by tapping the device to the printer.

## Maintenance

Use the Maintenance menu to fine-tune the printer for optimal print quality, reset the print meter or the life counter of the replaced parts, or reset the default settings by initializing the printer's non-volatile memory.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### Paper Density

**Purpose:**

To specify paper density settings.

**Values:**

---

Plain	Light (<81g/m <sup>2</sup> )
	Normal*

---

### Adjust Transfer Unit

 **NOTE:** The print quality changes depending on the setting values you select for this item.

**Purpose:**

To specify the transfer unit voltage adjustment for each paper type.

**Values:**

---

Plain (60-80g/m <sup>2</sup> )	0*	Sets the transfer unit voltage in increments of 1. The default settings may not give the best output on all paper types. If you see mottles on the printed paper, try to increase the voltage. If you see white spots on the printed paper, try to decrease the voltage.
	Available Range: -5 to +10	
Plain Thick (81-105g/m <sup>2</sup> )	0*	
	Available Range: -5 to +10	
Covers (106-163g/m <sup>2</sup> )	0*	
	Available Range: -5 to +10	
Covers Thick (164-216g/m <sup>2</sup> )	0*	
	Available Range: -5 to +10	
Rough Surface	0*	
	Available Range: -5 to +10	
Label	0*	
	Available Range: -5 to +10	
Envelope	0*	
	Available Range: -5 to +10	
Japanese Postcard	0*	
	Available Range: -5 to +10	

---

## Adjust Fusing Unit

 **NOTE:** The print quality changes depending on the setting values you select for this item.

### Purpose:

To adjust the temperature setting of the fusing unit for each paper type.

### Values:

Plain (60-80g/m <sup>2</sup> )	0 <sup>*</sup> Available Range: -3 to +3	Sets the fusing unit temperature in increments of 1. The default settings may not give the best output on all paper types. When the printed paper has curled, try to lower the temperature. When the toner does not fuse on the paper properly, try to increase the temperature.
Plain Thick (81-105g/m <sup>2</sup> )	0 <sup>*</sup> Available Range: -3 to +3	
Covers (106-163g/m <sup>2</sup> )	0 <sup>*</sup> Available Range: -3 to +3	
Covers Thick (164-216g/m <sup>2</sup> )	0 <sup>*</sup> Available Range: -3 to +3	
Rough Surface	0 <sup>*</sup> Available Range: -3 to +3	
Label	0 <sup>*</sup> Available Range: -3 to +3	
Envelope	0 <sup>*</sup> Available Range: -3 to +3	
Japanese Postcard	0 <sup>*</sup> Available Range: -3 to +3	

## Adjust Density

### Purpose:

To adjust density level.

### Values:

Darken	-3 to -1	Adjusts the density level darker than the normal setting.
Normal <sup>*</sup>	0	Works well with standard typed or printed documents.
Lighten	+1 to +3	Adjusts the density level lighter than the normal setting.

## Chart

### Purpose:

To print various charts that can be used for diagnosis of the printer.

### Values:

Pitch Chart	Print	Prints a full halftone page. Also prints a page to check the pitch. A total of two pages are printed.
Full Page Solid	1-Sided	Specifies to print a chart of the full page solid on the paper.
	2-Sided	Specifies to print a chart of the full page solid on both sides of the paper.
	Print	Begins to print a full page solid.

Alignment Chart	Print	Prints a chart to check for proper alignment of the print image on the paper.
-----------------	-------	---

### Clean Developer

**Purpose:**

To stir the developer in the drum cartridge.

**Values:**

Start	Stirs the developer in the drum cartridge.
-------	--

### Clean Transfer Unit

**Purpose:**

To clean the transfer unit.


**Values:**

Start	Cleans the transfer unit.
-------	---------------------------

### Toner Refresh

**Purpose:**

To clean the toner in the drum cartridge (and supply new toner from toner cartridge).

 **NOTE:** Toner Refresh feature uses the toner, and shorten the life of the toner cartridge and the drum cartridge.

**Values:**

Start	Cleans the toner.
-------	-------------------

### Reset Defaults

**Purpose:**

To initialize the non-volatile (NV) memory. After executing this function and rebooting the printer, all the menu parameters are reset to their default values.

**Values:**

User Fax Section	Initialize	Initializes the fax number entries in the Address Book.
User Scan Section	Initialize	Initializes the e-mail and server address entries in the Address Book.
User Account Section	Initialize	Initializes the user registration information.
User App Section	Initialize	Initializes the widget application information.
System Section	Initialize	Initializes the system parameters.

### Initialize Print Meter

**Purpose:**

To initialize the print meter of the printer. When the print meter is initialized, the meter count is reset to zero.

### Reset Transfer Belt Unit

**Purpose:**

To initialize the life counter of the transfer belt unit. After replacing the transfer belt unit, be sure to initialize its life counter.

### Reset Fusing Unit

#### Purpose:

To initialize the life counter of the fusing unit. After replacing the fusing unit, be sure to initialize its life counter.

### Clear Stored Jobs

 **NOTE:** Clear Stored Jobs feature is available only when RAM Disk is set to On.

#### Purpose:

To clear all files stored as Secure Print, Private Mail Box Print, Public Mail box Print, Proof Print, and Stored Print in the RAM disk.

#### Values:

All	Clear	Deletes all files stored as Secure Print, Private Mail Box Print, Public Mail Box Print, and Proof Print in the RAM disk.
Secure Document	Clear	Deletes all files stored as Secure Print in the RAM disk.
Stored Document	Clear	Deletes all files stored as Stored Print in the RAM disk.

### Non-Dell Toner

#### Purpose:

To use toner cartridge of another manufacturer.

 **CAUTION:** Using a non-Dell™ toner cartridge may severely damage your printer. The warranty does not cover damages caused by using non-Dell toner cartridges.

#### Values:


Off*	Does not use toner cartridge of another manufacturer.
On	Uses toner cartridge of another manufacturer.

### Adjust Altitude

#### Purpose:

To specify the altitude of the location where the printer is installed.

The discharge phenomenon for charging the photo conductor varies with barometric pressure. Adjustments are performed by specifying the altitude of the location where the printer is being used.

 **NOTE:** An incorrect altitude setting leads to poor printing quality, incorrect indication of remaining toner, etc.

#### Values:

0m*	Sets the altitude of the location where the printer is installed.
1000m	
2000m	
3000m	

### Decrease Electrostatic Memory

#### Purpose:

To widen the print gap not to leave toner streak on the next page.

#### Values:

Off*	Does not widen the print gap.
On	Widens the print gap.

 **NOTE:** When **Decrease Electrostatic Memory** is set to **On**, the print speed will be slowed.

### Decrease Ghosting

#### Purpose:

To reduce negative ghost.

#### Values:


Off*	Does not decrease negative ghosting.
On	Decreases negative ghosting.

### Clear Job History

#### Purpose:

To clear the job history of all finished jobs.

### Fax Line Test


 **NOTE:** Fax Line Test feature is not available when the Fax function is disabled.

#### Purpose:

To test if the voltage supply from the fax line is sufficient.

### Secure Settings

Use the *Secure Settings* menu to set a password to limit access to the menus. This prevents items from being changed accidentally.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

#### See also:

"Panel Lock"

### Panel Lock

#### Purpose:

To set a limited access to *Admin Settings* with a password, and to set or change the password.


#### Values:

Panel Lock Control	Disable*	Disables password protection for <i>Admin Settings</i> .
	Enable	Enables password protection for <i>Admin Settings</i> .
Change Password* <sup>1</sup>	0000–9999	Sets or changes the password required to access <i>Admin Settings</i> .

<sup>\*1</sup> This item is available only when *Panel Lock Control* is set to *Enable*.



## Functions Control

 **NOTE:** Functions Control feature is available only when Panel Lock Control is set to Enable.

### Purpose:

To specify whether to enable or disable each of the printer functions, or to require a password to use the functions.

### Values:

Copy	On*	Enables the Copy function.
	On (Password)	Enables the Copy function, but requires a password to use the function.
	Off	Disables the Copy function.
Scan to E-mail	On*	Enables the Scan to Email function.
	On (Password)	Enables the Scan to Email function, but requires a password.
	Off	Disables the Scan to Email function.
Fax	On*	Enables the Fax function.
	On (Password)	Enables the Fax function but requires a password to send faxes (does not require a password to receive incoming faxes).
	Off	Disables the Fax function (the printer will not send or receive faxes).
Fax Driver	Enable*	Enables the Fax Driver function.
	Disable	Disables the Fax Driver function (the printer will not send faxes).
Scan to Network Folder	On*	Enables the Scan to Network Folder function.
	On (Password)	Enables the Scan to Network Folder function, but requires a password.
	Off	Disables the Scan to Network Folder function.
Scan to Computer	On*	Enables the Scan to Computer function.
	On (Password)	Enables the Scan to Computer function, but requires a password. When you select On (Password), you cannot scan using Web Services on Devices (WSD).
	Off	Disables the Scan to Computer function.
PC Scan	On*	Enables the PC Scan function.
	On (Password)	Enables the PC Scan function, but requires a password.
	Off	Disables the PC Scan function.
Scan To USB	On*	Enables the Scan To USB function.
	On (Password)	Enables the Scan To USB function, but requires a password.
	Off	Disables the Scan To USB function.
USB Direct Print	On*	Enables the USB Direct Print function.
	On (Password)	Enables the USB Direct Print function, but requires a password.
	Off	Disables the USB Direct Print function.

ID Copy	Enable*	Enables the ID Copy function.	
	Disable	Disables the ID Copy function.	
USB Service	Show When Inserted	Enable*	Shows a <b>USB Drive Detected</b> screen when a USB memory is inserted into the printer.
		Disable	Does not show a <b>USB Drive Detected</b> screen when a USB memory is inserted into the printer.
Change Password* <sup>1</sup>		Changes the password that is set under the <b>Functions Control</b> menu.	

\*<sup>1</sup> This item is available only when **On (Password)** is enabled.

### Desktop Authentication

 **NOTE:** The Desktop Authentication feature is available on the Dell Smart Multifunction Printer | S2815dn only.

#### Purpose:

To specify the Desktop Authentication method.

#### Values:

Local Authentication*	Use the local authentication method.
Remote Authentication	Use the remote authentication method.

### Edit E-mail From Fields

#### Purpose:

To specify whether to enable editing of the transmission source when you use Scan to Email.


#### Values:

Disable	Disables editing of the transmission source.
Enable*	Enables editing of the transmission source.

### Reconfirm Recipient

#### Purpose:

To specify whether to reconfirm the recipient before sending a fax or scan.

 **NOTE:** If the **Reconfirm Recipient** menu is set to **Reconfirm Recipient**, recipients can only be selected from the phone book or the address book. You cannot directly enter an address or fax number.

#### Values:

No Confirmation*	Does not display a screen to reconfirm the recipient before the job is actually sent.
Reconfirm Recipient	Displays a screen to reconfirm the recipient before the job is actually sent.

### Domain Filtering

#### Purpose:

To specify whether to only send e-mails to specified domains.

 **NOTE:** Set the domains from **SMTP Domain Filtering** on the **Dell Printer Configuration Web Tool**.

#### Values:

Off*	Disables Domain Filtering.
Allow Domains	Only allows e-mails to be sent to specified domains.

### Software Download

#### Purpose:

To enable or disable download of firmware updates.

#### Values:

Disable	Disables firmware updates.
Enable*	Enables firmware updates.

### Display of Network Information


#### Purpose:

To show or hide network information in the message field of the **Home** screen.

#### Values:

Show IPv4 Address*	Shows the IPv4 address of the printer on the <b>Home</b> screen.
Show Host Name	Shows the host name of the printer on the <b>Home</b> screen.
Hide Network Information	Does not show network information on the <b>Home</b> screen.

### Login Error

 **NOTE:** Login Error feature is available only when `Panel Lock Control` is set to `Enable`.


#### Purpose:

To specify the number of error entry attempts allowed when you log in as an administrator in the `Admin Settings` and `Report/List` menu.

#### Values:

Off*	Does not allow an administrator to log in after one error entry attempt.
On	5*
Available Range: 1-10	

### NFC Authentication

 **NOTE:** The NFC Authentication feature is available on the Dell Cloud Multifunction Printer | H815dw only.


#### Purpose:

To specify whether to enable the authentication using the NFC authentication card.

#### Values:

Disable*	Does not permit the authentication using the NFC authentication card.
Enable	Permits the authentication using the NFC authentication card.

### FIPS 140-2 Validation Mode


 **NOTE:** The FIPS 140-2 Validation Mode feature is available on the Dell Smart Multifunction Printer | S2815dn only.

#### Purpose:


To specify whether to use the FIPS 140-2 Level-1 approved encryption algorithms for RSA modules.

#### Values:

Disable*	Allows the use of FIPS 140-2 Level-1 unapproved algorithms.
Enable	Allows the use of FIPS 140-2 Level-1 approved encryption algorithms.

 **NOTE:** Communication using the following protocols will not be encrypted using FIPS 140-2 Level-1 approved encryption algorithms even when FIPS 140-2 Validation Mode is enabled. Users are advised to turn them off manually when FIPS 140-2 Validation Mode is enabled:


- SNMP v3
- SMB
- PDF Direct Print

 **NOTE:** This feature may not be available for certain models.

### USB Settings

Use the USB Settings menu to change printer settings affecting a USB port.

#### USB Port

 **NOTE:** USB Port feature is available only for the USB port on the rear of the printer.

#### Purpose:

To specify whether to enable the USB port. The change becomes effective after the printer is turned off and then on again.

#### Values:

Disable	Disables the USB interface.
Enable*	Enables the USB interface.

### PS Data Format

#### Purpose:

To specify PostScript 3 Compatible communication protocol. You can configure the PS Data Format settings. The change becomes effective after the printer is turned off and then on again.

Values:

Auto	Used when auto-detecting the PostScript 3 Compatible communication protocol.
Standard	Used when the communication protocol is in ASCII interface.
BCP	Used when the communication protocol is in binary format.
TBCP*	Used when the communication protocol supports both ASCII and binary data to switch between them according to the specified control code.
Binary	Used when no special processing is required for data.

### Job Time-out

Purpose:

To specify the amount of time the printer waits for data to arrive from the computer. The print job is canceled if the time-out time is exceeded.

Values:

Off	Disables the job time-out.
On*	30 seconds* Sets the time the printer waits for data to arrive from the computer.
Available Range: 5–300 seconds	

## Default Settings

Use `Default Settings` to modify the `Copy`, `Scan`, or `Fax` menu defaults.

### Copy Defaults

Purpose:

To modify the `Copy` menu defaults.

`Copy Defaults` allows you to configure the following items in addition to the items under the `Copy` menu.

#### Auto Exposure Level

Purpose:

To specify the default background suppression level.

Values:

Normal*	Sets the background suppression level to Normal.
High	Sets the background suppression level to High.
Highest	Sets the background suppression level to Highest.

### Fax Defaults

Purpose:

To modify the `Fax` menu defaults. See "Fax" for more details.

### Scan Defaults

Purpose:

To modify the `Scan` menu defaults.

`Scan Defaults` allows you to configure the following items in addition to the items under the `Scan` menu.

### Auto Exposure Level

#### Purpose:

To specify the default background suppression level.

#### Values:

Normal*	Sets the background suppression level to Normal.
High	Sets the background suppression level to High.
Highest	Sets the background suppression level to Highest.

### TIFF File Format

#### Purpose:

To specify the default TIFF file format.

#### Values:

TIFF V6	Sets the default TIFF file format to TIFF V6.
TTN2*	Sets the default TIFF file format to TTN2.

### Image Compression

#### Purpose:

To specify the image compression level.

#### Values:

High	Sets the image compression level to High.
Normal*	Sets the image compression level to Normal.
Low	Sets the image compression level to Low.

### Direct Print Defaults (available on the Dell Cloud Multifunction Printer | H815dw only)

### USB Direct Print Defaults (available on the Dell Smart Multifunction Printer | S2815dn only)

#### Purpose:

To modify the defaults for the Direct Print Defaults or USB Direct Print Defaults menu. See "Print PDF/TIFF" for more details.

## Tray Management

Use the Tray Settings menu to define the print media loaded in tray1 and the optional 550-sheet feeder.



**NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### Tray Settings

To configure tray settings.

#### MPF

#### Purpose:

To specify the paper loaded in the MPF.

Values:

Display Tray Prompt		Enter a check to display a popup message that prompts to set Paper Type and Paper Size when paper is loaded in the MPF. The factory default is on (check).
MPF Mode	Use Panel Settings*	Uses the paper size and type specified on the operator panel.
	Use Printer Driver Settings	Use the paper size and type specified on the printer driver.
	Manual	When the print job is started, the printer pauses the job and shows the screen to prompt the user to load the paper of the specified size and type. To continue the job, check that the specified paper is loaded, and tap <b>Continue</b> in the screen on the touch panel.
Size* <sup>1</sup>	mm series	A4 (210x297mm)* <sup>2</sup> <hr/> A5 (148x210mm) <hr/> A6 (105x148mm) <hr/> B5 (182x257mm) <hr/> B6 (128x182mm) <hr/> Letter (8.5x11") <hr/> Folio (8.5x13") <hr/> Legal (8.5x14") <hr/> Statement (5.5x8.5") <hr/> Executive (7.3x10.5") <hr/> Envelope #10 (4.1x9.5") <hr/> Monarch Env. (3.9x7.5") <hr/> DL Env. (110x220mm) <hr/> C5 Env. (162x229mm)

	Postcard (100x148mm)
	Custom
inch series	Letter (8.5x11") <sup>*2</sup>
	Folio (8.5x13")
	Legal (8.5x14")
	Statement (5.5x8.5")
	A4 (210x297mm)
	A5 (148x210mm)
	A6 (105x148mm)
	B5 (182x257mm)
	B6 (128x182mm)
	Executive (7.3x10.5")
	Envelope #10 (4.1x9.5")
	Monarch Env. (3.9x7.5")
	DL Env. (110x220mm)
	C5 Env. (162x229mm)
	Postcard (100x148mm)
	Custom
Type <sup>*1</sup>	Plain <sup>*</sup> (60-80g/m <sup>2</sup> )
	Plain Thick (81-105g/m <sup>2</sup> )
	Covers (106-163g/m <sup>2</sup> )
	Covers Thick (164-216g/m <sup>2</sup> )



---

Rough Surface

---

Label

---

Envelope

---

Recycled

---

Japanese Postcard

---

Letterhead

---

Preprinted

---

Prepunched

---

Color

---

\*1 Available only when MPF Mode is set to Use Panel Settings.

\*2 Denotes country-specific factory default value.

---

### Tray1

#### Purpose:

To specify the paper loaded in tray1.

#### Values:

Display Tray Prompt		Enter a check to display a popup message that prompts to set Paper Type and Paper Size when paper is loaded in tray1. The factory default is on (check).
Size	mm series	
	A4	
	(210x297mm) *1	
	A5	
	(148x210mm)	
	A6	
	(105x148mm)	
	B5	
	(182x257mm)	
	B6	
	(128x182mm)	
	Letter	
	(8.5x11")	
	Folio	
	(8.5x13")	
	Legal	
	(8.5x14")	
	Statement	
	(5.5x8.5")	
	Executive	
	(7.3x10.5")	
	Postcard	
	(100x148mm)	
	Custom	


inch series	Letter (8.5x11") <sup>*1</sup>	
	Folio (8.5x13")	
	Legal (8.5x14")	
	Statement (5.5x8.5")	
	A4 (210x297mm)	
	A5 (148x210mm)	
	A6 (105x148mm)	
	B5 (182x257mm)	
	B6 (128x182mm)	
	Executive (7.3x10.5")	
	Postcard (100x148mm)	
	Custom	
	Type	Plain (60-80g/m <sup>2</sup> )
		Plain Thick (81-105g/m <sup>2</sup> )
		Covers (106-163g/m <sup>2</sup> )
Covers Thick (164-216g/m <sup>2</sup> )		
Rough Surface		
Label		
Recycled		
Japanese Postcard		
Letterhead		
Preprinted		
Prepunched		
Color		

<sup>\*1</sup> Denotes country-specific factory default value.



**NOTE:** For more information on supported paper sizes, see "Supported Paper Sizes."

## Tray2

 **NOTE:** Tray2 feature is available only when the optional 550-sheet feeder is installed.

### Purpose:

To specify the paper loaded in the optional 550-sheet feeder.

### Values:

Display Tray Prompt		Enter a check to display a popup message that prompts to set Paper Type and Paper Size when paper is loaded in the optional 550-sheet feeder. The factory default is on (check).
Size	mm series	A4 (210x297mm) <sup>*1</sup>
		A5 (148x210mm)
		B5 (182x257mm)
		Letter (8.5x11")
		Folio (8.5x13")
		Legal (8.5x14")
		Statement (5.5x8.5")
		Executive (7.3x10.5")
		Custom
	inch series	Letter (8.5x11") <sup>*1</sup>
		Folio (8.5x13")
		Legal (8.5x14")
		Statement (5.5x8.5")
		A4 (210x297mm)
		A5 (148x210mm)
		B5 (182x257mm)

	Executive (7.3x10.5")
	Custom
Type	Plain (60-80g/m <sup>2</sup> )
	Plain Thick (81-105g/m <sup>2</sup> )
	Covers (106-163g/m <sup>2</sup> )
	Covers Thick (164-216g/m <sup>2</sup> )
	Rough Surface
	Label
	Recycled
	Letterhead
	Preprinted
	Prepunched
	Color

## Tray Priority

### Purpose:

To set the priority order of the paper trays for automatic tray selection. If paper trays loaded with the same paper size and type exists, the paper tray is selected according to this priority order.

### Values:

First	MPF <sup>*1</sup>	Sets the MPF as the first priority.
	Tray1 <sup>*</sup>	Sets tray1 as the first priority.
	Tray2	Sets the optional 550-sheet feeder as the first priority.
Second	MPF <sup>*</sup>	Sets the MPF as the second priority.
	Tray1 <sup>*1</sup>	Sets tray1 as the second priority.
	Tray2	Sets the optional 550-sheet feeder as the second priority.
Third	MPF	Sets the MPF as the third priority.
	Tray1	Sets tray1 as the third priority.
	Tray2 <sup>*1</sup>	Sets the optional 550-sheet feeder as the third priority.

<sup>\*1</sup> The factory default when the optional 550-sheet feeder is installed.

## Language Settings

Use the Language Settings menu to configure Panel Language, or Keyboard Layout.

### Panel Language

#### Purpose:

To determine the language of the text on the touch panel.

Values:

English*
Français
Italiano
Deutsch
Español
Dansk
Nederlands
Norsk
Svenska

### Keyboard Layout

Purpose:


To select the keyboard layout on the touch panel.

Values:


QWERTY
AZERTY
QWERTZ

## Print

Use the **Print** menu to select and print a job stored by the Private Mailbox, Public Mailbox, Proof Print, Secure Print, and Secure Fax Receive features.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### Private Mailbox

 **NOTE:** Private Mailbox feature is available only when **RAM Disk** is set to **On**.


Purpose:

To specify whether and how to print the job stored in the Private Mailbox.

Values:

Select User ID		Enter the password you specified on the printer driver.
Select a Job		Selects a job to print.
Select All		Selects all the documents stored for this User ID.
Quantity	1*	Specifies the quantity of prints in increments of 1.
	Available Range: 1-999	
	Use Driver Settings	Sets the quantity of prints specified on the printer driver.
Print		Prints the selected job.
	Print and Delete*	Deletes the document after it is printed.
Delete		Deletes the specified document from print memory.

## Public Mailbox

 **NOTE:** Public Mailbox feature is available only when RAM Disk is set to On.

Purpose:

To specify whether and how to print the job stored in the Public Mailbox.

Values:

Select User ID	Select a Job	Selects a job to print.
	Select All	Selects all the documents stored for this User ID.
Quantity	1*	Specifies the quantity of prints in increments of 1.
	Available Range: 1-999	
	Use Driver Settings	Sets the quantity of prints specified on the printer driver.
Print		Prints the selected job.
	Print and Delete	Deletes the document after it is printed.
Delete		Deletes the specified document from print memory.

## Proof Print

 **NOTE:** Proof Print feature is available only when RAM Disk is set to On.


Purpose:

To specify whether and how to print the job stored in the Proof Print. When the print job is sent from the printer driver on the computer, a single copy is printed for you to check the print result. If you do not have problems with the print result, you can choose to print more copies. This prevents a large number of misprinted copies from being printed at one time.

Values:

Select User ID	Select a Job	Selects a job to print.
	Select All	Selects all the documents stored for this User ID.
Quantity	1*	Specifies the quantity of prints in increments of 1.
	Available Range: 1-999	
	Use Driver Settings	Sets the quantity of prints specified on the printer driver.
Print		Prints the selected job.
	Print and Delete	Deletes the document after it is printed.
Delete		Deletes the specified document from print memory.

## Secure Print

 **NOTE:** Secure Print feature is available only when RAM Disk is set to On.

Purpose:

To print confidential jobs. The printer can hold the job in memory until you arrive at the printer and type the password on the operator panel.

Values:

Select User ID		Enter the password you specified on the printer driver.
	Select a Job	Selects a job to print.
	Select All	Selects all the documents stored for this User ID.

Print	Prints the selected job.
Print and Delete *	Deletes the document after it is printed.
Delete	Deletes the specified document from print memory.

## Secure Fax Receive

### Purpose:

To print confidential faxes. The printer can hold the job in memory until you arrive at the printer and type the password on the operator panel.

### Values:

---

*Enter Password* Enter the password you specified in Secure Receive.

---


## Tile Settings

The **Tile Settings** screen appears when  is tapped under the **Print** menu.

Use **Tile Settings** to create and edit custom tiles for **Print**.

## Copy

You can configure a variety of copy features under the **Copy** menu.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### Quantity

#### Purpose:

To specify the number of copies from 1 to 99.

### Darken / Lighten

#### Purpose:

To make the copy darker or lighter than the original.

#### Values:

---

Darken 3	Works well with light documents or faint pencil markings.
Darken 2	
Darken 1	
Normal *	Works well with standard typed or printed documents.
Lighten 1	Works well with dark documents.
Lighten 2	
Lighten 3	

---

## Select Tray

### Purpose:

To specify the input tray.

### Values:

MPF		The paper is fed from the MPF. When <code>Use Printer Driver Settings</code> is set in <code>MPF of Tray Settings</code> , <code>Any</code> is displayed for <code>Size</code> and <code>Type</code> . If you start the copy job with <code>Any</code> as the paper size and type, <code>A4</code> or <code>Letter</code> is selected as the paper size and <code>Plain</code> ( $60-80\text{g/m}^2$ ) is selected as the paper type. If you want to specify the size and type of paper in the MPF, select <code>MPF</code> and specify the paper size and type.
Paper Size	mm series	A4 (210x297mm) <sup>*1</sup>
		A5 (148x210mm)
		A6 (105x148mm)
		B5 (182x257mm)
		B6 (128x182mm)
		Letter (8.5x11")
		Folio (8.5x13")
		Legal (8.5x14")
		Statement (5.5x8.5")
		Executive (7.3x10.5")
		Envelope #10 (4.1x9.5")
		Monarch Env. (3.9x7.5")
		DL Env. (110x220mm)
		C5 Env. (162x229mm)
		Postcard (100x148mm)
		Custom Size
	inch series	Letter (8.5x11") <sup>*1</sup>
		Folio (8.5x13")
		Legal (8.5x14")
		Statement (5.5x8.5")
		A4 (210x297mm)
		A5 (148x210mm)
		A6 (105x148mm)
		B5 (182x257mm)
		B6 (128x182mm)
		Executive (7.3x10.5")
		Envelope #10 (4.1x9.5")
		Monarch Env. (3.9x7.5")
		DL Env. (110x220mm)
		C5 Env. (162x229mm)
		Postcard (100x148mm)



	Custom Size
Paper Type	Plain (60-80g/m <sup>2</sup> )
	Plain Thick (81-105g/m <sup>2</sup> )
	Covers (106-163g/m <sup>2</sup> )
	Covers Thick (164-216g/m <sup>2</sup> )
	Rough Surface
	Labels
	Envelope
	Recycled
	Japanese Postcard
	Letterhead
	Preprinted
	Prepunched
	Color
Tray1 <sup>*1</sup>	The paper is fed from tray1.
Tray2 <sup>*2</sup>	The paper is fed from the optional 550-sheet feeder.
<sup>*1</sup> Denotes country-specific factory default value.	
<sup>*2</sup> This item is available only when the optional 550-sheet feeder is installed.	

## 2 Sided Copying

### Purpose:

To specify whether to make duplex copy and select the binding position.

### Values:

1 → 1 Sided*	Prints on one side of a sheet of paper.
1 → 2 Sided	Prints one sided originals on both sides of a sheet of paper.
	<b>Long Edge Binding*</b> Prints on both sides of a sheet of paper to be bound by long edge.
	<b>Short Edge Binding</b> Prints on both sides of a sheet of paper to be bound by short edge.
2 → 1 Sided	Prints two sided originals on one side of a sheet of paper.
	<b>Long Edge Binding*</b> Scans both sides of a document bound by long edge.
	<b>Short Edge Binding</b> Scans both sides of a document bound by short edge.
2 → 2 Sided	Prints two sided originals on both sides of a sheet of paper.
	<b>Long Edge Binding*</b> Scans both sides of a document bound by long edge.
	<b>Short Edge Binding</b> Scans both sides of a document bound by short edge.

## Sharpness

### Purpose:

To adjust the sharpness to make the copy sharper or softer than the original.

### Values:

Sharpen	Makes the copy sharper than the original.
Normal*	Does not make the copy sharper or softer than the original.

---

Soften	Makes the copy softer than the original.
--------	--

---

## Reduce/Enlarge

### Purpose:

To reduce or enlarge the size of a copied image.

### Values:

---

Custom ratio	100 <sup>*</sup> 25-400 %	Sets a custom ratio in increments of 1 percent.
--------------	------------------------------	---

---

mm series	100% <sup>*</sup> 50% 70% A4→A5 81% B5→A5 122% A5→B5 141% A5→A4 200%	
-----------	--	--

---

inch series	100% <sup>*</sup> 50% 64% Ledger→Letter 78% Legal→Letter 129% Statement→Letter 154% Statement→Legal 200%	
-------------	--	--

---

## Original Size

### Purpose:

To specify the default document size.

### Values:


---

mm series	Auto <sup>*1</sup> A4 (210x297mm) A5 (148x210mm) B5 (182x257mm) Letter (8.5x11")
-----------	--

---

	Folio (8.5x13")
	Legal (8.5x14")
	Statement (5.5x8.5")
	Executive (7.3x10.5")
inch series	Auto <sup>*1</sup>
	Letter (8.5x11")
	Folio (8.5x13")
	Legal (8.5x14")
	Statement (5.5x8.5")
	A4 (210x297mm)
	A5 (148x210mm)
	B5 (182x257mm)
	Executive (7.3x10.5")

\*1 Denotes country-specific factory default values.

 **NOTE:** When Auto is selected, the printer assumes that the document size is the size of the print media loaded in tray1 or the MPF.

## Original Type

**Purpose:**

To improve the image quality by selecting the type of the original document.

**Values:**

Photo & Text <sup>*</sup>	Used for documents with both text and photos.
Text	Used for documents with text.
Photo	Used for documents with photos.

## Collation

**Purpose:**

To sort the copy job. For example, if you make two copies of three page documents, one complete set of three page documents is printed one by one.

**Values:**

Auto <sup>*</sup>	Automatically sorts a copy job only when you use the DADF.
Collated	Sorts a copy job.
Uncollated	Does not sort a copy job.

## 2-Up

**Purpose:**

To print two original pages to fit onto one sheet of paper.

**Values:**

Off <sup>*</sup>	Does not perform 2-up printing.
------------------	---------------------------------

Auto	Automatically reduces the original pages to fit onto one sheet of paper.
Manual	Prints the original pages onto the one sheet of paper in the size specified in Reduce/Enlarge.

## Margin

### Purpose:

To specify the top, bottom, right, left, and middle margins of the copy.

### Values:

Top/Bottom	0.1 inch* (2 mm*) Available Range: 0.0–2.0 inches (0–50 mm)	Sets the value in increments of 0.1 inch (1 mm).
Left/Right	0.1 inch* (2 mm*) Available Range: 0.0–2.0 inches (0–50 mm)	Sets the value in increments of 0.1 inch (1 mm).
Middle	0.0 inches* (0 mm*) Available Range: 0.0–2.0 inches (0–50 mm)	Sets the value in increments of 0.1 inch (1 mm).

## Auto Exposure

### Purpose:

To suppress the background of the original to enhance text.

### Values:

Off	Does not suppress the background.
On*	Suppresses the background to enhance text.

## Save Settings

The Save Settings screen appears when  is tapped under the Copy menu.

Use Save Settings to save a variety of copy features. And also use to create and edit custom tiles for Copy.

## ID Copy

You can configure a variety of ID copy features under the ID Copy menu.

### Values:

Quantity	For details about each menu, see "Copy."
Darken / Lighten	
Select Tray	
Sharpness	
Auto Exposure	
Reduce/Enlarge	

## Save Settings

The Save Settings screen appears when  is tapped under the ID Copy menu.

Use Save Settings to save a variety of ID Copy features. And also use to create and edit custom tiles for ID Copy.

# Scan

As a default setting, the printer provides the following scan feature tiles on the **Home** screen: Scan to Email, Scan to Network Folder, Scan to USB, and Scan to Computer.

## Scan to Email

### Purpose:

To use the e-mail to send the scanned image. See "Scan Settings" for more details about the various scan options you can set for the scan.

### Values:

Enter Recipient's Address		Enters the e-mail address of the recipient using the keyboard.
Address Book	Individuals	Selects an e-mail address from the local address book.
	Groups	Selects an e-mail group from the local address book.
	Network Address Book	Searches an e-mail address from the server address book.
Sender <sup>*1</sup>	Keyboard	Enters the e-mail address of the sender using the keyboard.
	Address Book	Selects an e-mail address of the sender from the local address book.
	Network Address Book	Searches an e-mail address of the sender from the server address book.

<sup>\*1</sup> The sender's e-mail address cannot be edited when the remote authentication is used as the user authentication method on the Dell Smart Multifunction Printer | S2815dn.

## Scan to Network Folder

### Purpose:

To store the scanned image on a network server or a computer. See "Scan Settings" for more details about the various scan settings you can set for the scan.

### Values:

Address Book	Selects a FTP address or Server Message Block (SMB) protocol address from the local address book.
--------------	---

## Scan to USB

### Purpose:

To save the scanned image to a USB memory attached to the printer. See "Scan Settings" for more details about the various scan settings you can set for the scan.


### Values:

Folder Name	Selects which folder the scanned image is saved to.
-------------	---

## Scan to Computer

### Purpose:


To save scanned data on a network computer connected using Web Services on Devices (WSD), or on a computer connected via a USB cable.

 **NOTE:** Web Services on Devices (WSD) is supported only on Microsoft® Windows Vista® (SP2 or later), Windows® 7, Windows® 8, Windows® 8.1, and Windows® 10.


Values:

Computer (via USB)	Saves scanned data on a computer connected via USB cable.
Scan to <i>Computer Name</i>	Selects which computer the scanned image is saved to. Up to 20 computers will be listed.
Scan	Sends the scanned image to the computer according to the chosen event. Which application each event is associated with depends on the setting on the computer.
Scan for Print	
Scan for Email	
Scan for Fax	
Scan for OCR	

### Scan Settings

The Scan Settings screen appears when the  is tapped on the Scan to Email, Scan to Network Folder, or Scan to USB screen, or when Computer (via USB) is tapped on the Scan to Computer screen.

Use Scan Settings to configure a variety of scan features.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

### Output Color

Purpose:

To select color or black and white scanning.

Values:

Color*	Scans in color mode. Works well with texts and photos.
Black & White	Scans in black and white mode. Works well with texts.
Gray Scale	Scans in grayscale mode. Works well with texts and photos.

### Resolution

Purpose:

To specify the resolution of the scanned image.

Values:

200 dpi*
300 dpi
400 dpi
600 dpi

### File Format

Purpose:

To specify the file format to save the scanned image.

Values:

PDF*
------

---

Multi-Page TIFF

---

TIFF (1 File per Page)

---

JPEG (1 File per Page)

---

## 2 Sided Scanning

### Purpose:

To specify whether to scan both sides of a document.

### Values:

1 Sided*		Scans one side of a document.
2 Sided	Long Edge Binding*	Scans both sides of a document bound by the long edge.
	Short Edge Binding	Scans both sides of a document bound by the short edge.

## Darken / Lighten

### Purpose:

To adjust the density to make the scanned image darker or lighter than the original.

### Values:

Darken 3	Works well with light documents or faint pencil markings.
Darken 2	
Darken 1	
Normal*	Works well with standard typed or printed documents.
Lighten 1	Works well with dark documents.
Lighten 2	
Lighten 3	

## Contrast

### Purpose:

To adjust the amount of colors to make the contrast of colors darker or lighter than the original.

### Values:

High	Adjusts the amount of colors to make the contrast of colors darker than the original.
Medium*	Does not adjust the amount of colors to make the contrast of colors darker or lighter than the original.
Low	Adjusts the amount of colors to make the contrast of colors lighter than the original.

## Sharpness

### Purpose:

To adjust the sharpness to make the scanned image sharper or softer than the original.

### Values:

Sharpen	Makes the scanned image sharper than the original.
Normal*	Does not make the scanned image sharper or softer than the original.
Soften	Makes the scanned image softer than the original.

## Auto Exposure

### Purpose:

To suppress the background of the original to enhance text on the copy.

### Values:

Off	Does not suppress the background.
On*	Suppresses the background to enhance text.

## Original Size

### Purpose:

To specify the default paper size.

### Values:

mm series

A4 (210x297mm) <sup>*1</sup>
A5 (148x210mm)
B5 (182x257mm)
Letter (8.5x11")
Folio (8.5x13")
Legal (8.5x14")
Statement (5.5x8.5")
Executive (7.3x10.5")

<sup>\*1</sup> Denotes country-specific factory default values.

inch series

Letter (8.5x11") <sup>*1</sup>
Folio (8.5x13")
Legal (8.5x14")
Statement (5.5x8.5")
A4 (210x297mm)
A5 (148x210mm)
B5 (182x257mm)
Executive (7.3x10.5")

<sup>\*1</sup> Denotes country-specific factory default values.

## Margin

### Purpose:

To specify the top, bottom, right, left, and middle margins of the scanned image.


### Values:

Top/Bottom	0.1 inch* (2 mm*)	Sets the value in increments of 0.1 inch (1 mm).
	Available Range: 0.0–2.0 inches (0–50 mm)	



Left/Right	0.1 inch* (2 mm*) Available Range: 0.0–2.0 inches (0–50 mm)	Sets the value in increments of 0.1 inch (1 mm).
Middle	0.0 inches* (0 mm*) Available Range: 0.0–2.0 inches (0–50 mm)	Sets the value in increments of 0.1 inch (1 mm).

### Create Folder

 **NOTE:** Create Folder feature is available only for Scan to USB or Scan to Network Folder.

#### Purpose:

To specify whether to create a folder when saving scanned images.

#### Values:

Off*	Does not create a folder when saving a scanned image.
On	Creates a folder when saving a scanned image.

### File Naming Mode


#### Purpose:

To specify the detailed setting of **File Naming Mode**.

#### Values:

Auto*	Sets the default file name.
Add Prefix	Adds texts in front of the file name.
Prefix/Suffix String	Specifies the texts that are added when Add Prefix is selected.
Add Suffix	Adds texts after the file name.
Prefix/Suffix String	Specifies the texts that are added when Add Suffix is selected.


### Save Settings

The **Save Settings** screen appears when  is tapped on the **Scan Settings** screen of the Scan to Email, Scan to Network Folder, or Scan to USB feature, and on the **Scan to Computer** screen.

Use **Save Settings** to save a variety of scan features. And also use to create and edit custom tiles for Scan.

## Fax

Use the Fax menus to configure a variety of fax features.


 **NOTE:** The Fax function cannot be used unless you set up a country code under Country. If Country is not set up, a message Set the Country Code appears on the display.

 **NOTE:** Values marked by an asterisk (\*) are the factory default menu settings.

Values:

Enter Number		Enters the fax number using the keyboard.
Speed Dial		Enters the speed dial number stored in the printer.
Phone Book	Individuals	Selects a fax number from the local address book.
	Groups	Selects a group dial number from the local address book.
	Network Phone Book	Searches a fax number from the server address book.
On Hook	Send*	Sends faxes manually.
	Receive	Receives faxes manually.
	Polling	Manually retrieves information from a remote machine.

### Fax Settings

The Fax Settings screen appears when  is tapped on the Fax screen.

Use Fax Settings to configure a variety of fax features.

### Darken / Lighten

Purpose:

To adjust the density to make the copy darker or lighter than the original.

Values:

Darken 3	Works well with light documents or faint pencil markings.
Darken 2	
Darken 1	
Normal*	Works well with standard typed or printed documents.
Lighten 1	Works well with dark documents.
Lighten 2	
Lighten 3	

### 2 Sided Scanning

Purpose:

To specify whether to scan both sides of a document.

Values:

1 Sided*		Scans one side of a document.
2 Sided	Long Edge Binding*	Scans both sides of a document bound by the long edge.
	Short Edge Binding	Scans both sides of a document bound by the short edge.

## Polling Receive

### Purpose:

To receive faxes from the remote fax machine when you want to receive it.

### Values:

Off*	Does not receive faxes using Polling Receive.
On	Receives faxes using Polling Receive.


## Resolution

### Purpose:

To specify the scan resolution to improve the output quality.

### Values:

Standard*	Suitable for documents with normal sized characters.
Fine	Suitable for documents containing small characters or thin lines or documents printed using a dot-matrix printer.
Super Fine	Suitable for documents containing extremely fine detail. The Super Fine mode is enabled only if the remote machine also supports the Super Fine mode. See the notes below.
Photo	Suitable for documents containing photographic images.

 **NOTE:** Faxes scanned in the Super Fine mode transmit at the highest resolution supported by the receiving device.

## Fax Cover Page

### Purpose:

To set whether to attach a cover page to faxes.

### Values:

Off*	Does not attach a cover page to faxes.
On	Attaches a cover page to faxes.

## Delayed Send

### Purpose:

To send a fax at a later time.

### Values:


Off*	Does not send a fax at a later time.
On	Sets the fax transmission start time when sending a fax at a specified time.

 **NOTE:** A maximum of 19 delayed fax jobs can be stored.


## Save Settings

The Save Settings screen appears when  icon is tapped on the Fax Settings screen.

Use Save Settings to save a variety of fax features. And also use to create and edit custom tiles for Fax.

 **NOTE:** Up to 30 addresses can be stored on the printer. If you have the addresses of more than 31, you cannot save settings of fax features. In that case, please reduce to 30.


## Print PDF/TIFF

 **NOTE:** Print PDF/TIFF function is available only when a USB memory is inserted in the front USB port.

### Purpose:

To specify the document stored in the root, file, or folder in a USB memory. See "Print Settings" for more details about the various print settings you can set for the print.

## Print JPEG

 **NOTE:** Print JPEG function is available only when a USB memory is inserted in the front USB port.

### Purpose:

To specify the photos stored in the root, file, or folder in a USB memory. See "Print Settings" for more details about the various print settings you can set for the print.

## Print Settings

The **Print Settings** screen appears when  is tapped on the **Print PDF/TIFF** or **Print JPEG** screen.

Use **Print Settings** to configure a variety of print features.

### Quantity

#### Purpose:

To specify the number of copies from 1 to 99.

### Select Tray

#### Purpose:

To specify the input tray.

#### Values:

MPF	The paper is fed from the MPF. When <b>Use Driver Settings for Print Job</b> is set in <b>MPF of Tray Settings</b> , <b>Any</b> is displayed for <b>Size</b> and <b>Type</b> . If you start the print job with <b>Any</b> as the paper size and type, <b>A4</b> or <b>Letter</b> is selected as the paper size and <b>Plain</b> (60–80g/m <sup>2</sup> ) is selected as the paper type. If you want to specify the size and type of paper in the MPF, select <b>MPF</b> and specify the paper size and type.	
	<b>Paper Size</b>	<b>mm series</b>
		A4 (210x297mm) <sup>*1</sup>
		A5 (148x210mm)
		B5 (182x257mm)
		Letter (8.5x11")
		Folio (8.5x13")
		Legal (8.5x14")
		Statement (5.5x8.5")
		<b>inch series</b>
		Letter (8.5x11") <sup>*1</sup>
		Folio (8.5x13")
		Legal (8.5x14")
		Statement (5.5x8.5")

	A4 (210x297mm)
	A5 (148x210mm)
	B5 (182x257mm)
Paper Type	Plain (60-80g/m <sup>2</sup> )
	Plain Thick (81-105g/m <sup>2</sup> )
	Covers (106-163g/m <sup>2</sup> )
	Covers Thick (164-216g/m <sup>2</sup> )
	Rough Surface
	Labels
	Envelope
	Recycled
	Japanese Postcard
	Letterhead
	Preprinted
	Prepunched
	Color
Tray1*	The paper is fed from tray1.
Tray2	The paper is fed from the optional 550-sheet feeder.

\*1 Denotes country-specific factory default value.

## 2 Sided Printing

### Purpose:

To print on both sides of a sheet of paper.

### Values:

1 Sided*		Does not print on both sides of a sheet of paper.
2 Sided	Long Edge Binding*	Prints on both sides of a sheet of paper to be bound by the long edge.
	Short Edge Binding	Prints on both sides of a sheet of paper to be bound by the short edge.

## Layout

### Purpose:

To specify the output layout.

### Values:

1-Up*	Prints one page on one side of a sheet of paper.
2-Up	Prints two pages on one side of a sheet of paper.
4-Up	Prints four pages on one side of a sheet of paper.
Off(No Scaling)	Prints without scaling.

## Image Types

### Purpose:

To set the print image quality.

### Values:

Auto*	Prints PDF/TIFF files in the Text mode and JPEG files in the Photos (Standard Quality) mode.
Photos (Standard Quality)	Prints the photographic images at the standard quality.
Photos (High Quality)	Prints the photographic images at the high quality.
Text	Prints the text document at the standard quality.

## Collation

### Purpose:

To specify whether to sort the job.

### Values:

Collated	Sorts a job.
Uncollated*	Does not sort a job.

## PDF Password

### Purpose:

To enter the password when you print a PDF file secured with a document open password (password to open the PDF file).

### Values:


Enter PDF Password	Enter the document open password to print the secure PDF job.
--------------------	---

## Save Settings

The Save Settings screen appears when  is tapped on the Print Settings screen.

Use Save Settings to save a variety of print features. And also use to create and edit custom tiles for USB Direct Print.

## Dell Document Hub

 **NOTE:** The Dell Document Hub feature is available on the Dell Cloud Multifunction Printer | H815dw only.


Use the Dell Document Hub menus to configure a variety of the Dell Document Hub features.



## Search for Files

### Purpose:

To search the files saved in the cloud services, and print them from the printer.

### Values:

Text Box	Enters the keywords, such as the words including the file name.
	Sorts the searching results by selecting the sorting order.






	Sets the settings of the Print Settings.
	Displays the selected files. The first three pages of each file are displayed in the small previews.

### Browse for Files

**Purpose:**

To browse and print the files saved in the selected cloud services.

**Values:**





<i>Text Box</i>	Enters the keywords, such as the words including the file name.
	Searches for the files in the current location or the selected cloud services.
	Sets the settings of the Print Settings.
	Displays the selected files. The first three pages of each file are displayed in the small previews.
	Sorts the searching results by selecting the sorting order.
	Saves the settings of the Print Settings as Favorite.

### Scan

**Purpose:**

To scan the document and save the scanned file in the cloud service.

**Values:**

<b>File Name</b>	Enters the file name you want to use.
<b>File Format</b>	Selects the file format from the list to save the scanned image.
<b>Tag</b>	Enters the tag you want to use.
	Searches for the location to save the scanned file. You can search for the location across the cloud services.
	Sorts the searching results by selecting the sorting order.
	Sets the settings of the Scan Settings.
	Saves the settings of the Scan Settings as Favorite.

### PDF Password

**Purpose:**

To enter the password when you print a PDF file secured with a document open password (password to open the PDF file).

**Values:**

<b>Enter PDF Password</b>	Enters the document open password to print the secure PDF job.
---------------------------	--

### File Name Option

**Purpose:**

To specify the way to name the scanned document.

**Values:**

<b>Off</b>	Adds no text in front of the file name or after the file name.
------------	--

Add Prefix		Adds texts in front of the file name.
	Prefix/Suffix String	Specifies the texts that are added when Add Prefix is selected.
Add Suffix		Adds texts after the file name.
	Prefix/Suffix String	Specifies the texts that are added when Add Suffix is selected.





For more information on other settings, see "Scan Settings."

### Smart OCR Scan

**Purpose:**

To scan the document using OCR and save it in the cloud service.

**Values:**

File Name	Enters the file name you want to use.
File Format	Selects the file format from the list to save the scanned image.
Tag	Enters the tag you want to use.
	Searches for the location to save the scanned file. You can search for the location across the cloud services.
	Sorts the searching results by selecting the sorting order.
	Sets the settings of the Scan Settings.
	Saves the settings of the Scan Settings as Favorite.

### File Format

**Purpose:**

To specify the file format to save the scanned image.

**Values:**

PDF(Searchable)
RTF
DOC
DOCX
XLS
XLSX
PPTX

### OCR Language

**Purpose:**

To specify the language for the OCR.

**Values:**

Auto
English
Français



Italiano
Deutsch
Español
Dansk
Nederlands
Norsk
Svenska

**PDF Password**

**Purpose:**

To enter the password when you print a PDF file secured with a document open password (password to open the PDF file).

**Values:**

Enter PDF Password	Enters the document open password to print the secure PDF job.
--------------------	--

**Remove Blank Page**

**Purpose:**

To specify whether to remove the blank pages.

**Values:**

Off	Disables the Remove Blank Page feature.
On	Enables the Remove Blank Page feature.

**File Name Option**

**Purpose:**

To specify the way to name the scanned document.

**Values:**

Off	Adds no text in front of the file name or after the file name.
Add Prefix	Adds texts in front of the file name.
	<b>Prefix/Suffix String</b> Specifies the texts that are added when Add Prefix is selected.
Add Suffix	Adds texts after the file name.
	<b>Prefix/Suffix String</b> Specifies the texts that are added when Add Suffix is selected.



For more information on other settings, see "Scan Settings."

## E-mail Me

### Purpose:

To scan the document and send to you as an attached file of an e-mail.

### Values:

File Format	Selects the file format from the list to save the scanned image.
Subject	Enters the subject you want to use.
	Sets the settings of the Scan Settings.
	Saves the settings of the Scan Settings as Favorite.

## File Format

### Purpose:

To specify the file format to save the scanned image.

### Values:

PDF
PDF(Searchable)
RTF
DOC
DOCX
XLS
XLSX
PPTX
Multi-Page TIFF
TIFF
JPEG

## OCR Language

### Purpose:

To specify the language for the OCR.

### Values:

Auto
English
Français
Italiano
Deutsch
Español
Dansk
Nederlands
Norsk
Svenska

## PDF Password

### Purpose:

To enter the password when you print a PDF file secured with a document open password (password to open the PDF file).

### Values:

---

Enter PDF Password	Enter the document open password to print the secure PDF job.
--------------------	---

---

## Remove Blank Page

### Purpose:

To specify whether to remove the blank pages.

### Values:

---

Off	Disables the Remove Blank Page feature.
On	Enables the Remove Blank Page feature.

---

For more information on other settings, see "Scan Settings."


## Business Card Reader

### Purpose:

To scan the business card and send to you as an attached file (vCard format) of an e-mail.


### Values:

---

Subject	Enters the subject you want to use.
	Sets the settings of the Scan Settings.

---

## SharePoint

 **NOTE:** The SharePoint feature is available on the Dell Smart Multifunction Printer | S2815dn only.

Use the SharePoint menus to configure a variety of the SharePoint® features.



### Print

#### Purpose:

To browse and print the files saved in the selected SharePoint® server.

#### Values:

---

	Searches for the files in the current folder or the server.
<i>Text Box</i>	Enter the keywords, such as the words included in the file name.
	Sets the settings of the Print Settings.





---

## Scan

### Purpose:

To scan the document and save the scanned data in the selected SharePoint® server.

### Values:

	Enter the file name you want to use.
	Selects the file format from the list to save the scanned data.
	Searches for the folder in the selected SharePoint® server.
	Sets the settings of the Scan Settings.

## File Name Option


### Purpose:

To specify the way to name the scanned document.

### Values:

Off	Adds no text in front of the file name or after the file name.
Add Prefix	Adds texts in front of the file name.
Prefix/Suffix String	Specifies the texts that are added when Add Prefix is selected.
Add Suffix	Adds texts after the file name.
Prefix/Suffix String	Specifies the texts that are added when Add Suffix is selected.

For more information on other settings, see "Scan Settings."


 **NOTE:** You cannot assign the password to the PDF file when saving the scanned data to the SharePoint® server.

## Add Apps



Use the Add Apps menu to add a variety of tiles on the **Home** screen.

## Panel Lock


This feature prevents unauthorized personnel from changing the settings made by the administrator.


 **NOTE:** Disabling the operator panel menus does not prevent access to the Stored Print and Tray Settings menus.

### Enabling the Panel Lock

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap  until Secure Settings appears, and then tap Secure Settings.
- 4 Tap Panel Lock.
- 5 Tap Panel Lock Control.
- 6 Tap Enable, and then tap OK.

- 7 Enter the new password, and then tap OK.



 **CAUTION: Be sure to remember the password. The procedure described below allows you to reset the password, but the settings for Address Book and Phone Book are cleared.**

- Turn off the printer. Then, while holding the  (Information) button, turn on the printer. Perform steps 7 and 8.

- 8 Re-enter the password to confirm the password that you entered, and then tap OK.

To change the password while Panel Lock is Enable, perform steps 1 to 4 above, and then tap Change Password. Perform steps 7 and 8 above to change the password.

## Disabling the Panel Lock

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Enter the password.
- 4 Tap  until Secure Settings appears, and then tap Secure Settings.
- 5 Tap Panel Lock.
- 6 Tap Panel Lock Control.
- 7 Tap Disable, and then tap OK.
- 8 Enter the current password, and then tap OK.



## Resetting Defaults

After executing this function and rebooting the printer, the phone book, address book, or menu parameters are reset to their default values.

The following menu parameters are exceptions and are not reset.

- Network settings
- Panel Lock settings and password
- Functions Control settings (Copy, Scan to E-mail, Fax, Scan to Network Folder, Scan to Computer, PC Scan, Scan to USB, USB Direct Print) and passwords
- Secure Receive settings and password
- Login Error settings
- Set Available Time settings
- Secure Job Expiration settings
- USB Port settings
- AccessControl Mode settings
- AccessControl Error Report settings
- Non Registered User settings
- NFC Authentication settings
- Tap to Print settings

## When Using the Operator Panel


- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Maintenance.
- 4 Tap  until Reset Defaults appears, and then tap Reset Defaults.
- 5 Tap the desired setting, and then tap Initialize.

User Fax Section	Resets the phone book data.
User Scan Section	Resets the address book data.
User Account Section	Resets the user registration information.
System Section	Resets the system parameters.

- 6 Tap Yes, Reset.  
The printer is restarted automatically.

## Print Media Guidelines

Print media refers to paper, labels, envelopes, and coated paper among others. Your printer provides high-quality printing on a variety of print media. Selecting the appropriate print media for your printer helps avoid printing troubles. This section describes selecting and caring for print media.

 **NOTE:** Use only laser print media. Do not use ink jet paper in your printer.

### Paper

For the best print quality, use 90 g/m<sup>2</sup> (24 lb) xerographic, grain long paper. It is recommended that you try a sample first before buying large quantities of any print media.

When loading paper, identify the recommended print side on the paper package, and load the paper accordingly. See "Loading Print Media in Tray1 and the Optional 550-Sheet Feeder" and "Loading Print Media in the MPF" for detailed loading instructions.

### Recommended Paper

To ensure the best print quality and feed reliability, use 75 g/m<sup>2</sup> (20 lb) xerographic paper. Business paper designed for general business use also provides acceptable print quality. Only use paper able to withstand high temperatures without discoloring, bleeding, or releasing hazardous emissions. The laser printing process heats paper to high temperatures. Check with the manufacturer or vendor to determine whether the paper you have chosen is acceptable for laser printers.

It is recommended that you try a sample first before buying large quantities of any print media. When choosing any print media, you should consider the weight, fiber content, and color.

### Unacceptable Paper

The following paper types are not recommended for use with the printer:

- Chemically treated paper used to make copies without carbon paper, also known as carbonless paper, carbonless copy paper (CCP), or no carbon required (NCR) paper.
- Preprinted paper with chemicals that may contaminate the printer.
- Preprinted paper that can be affected by the temperature in the fusing unit.
- Preprinted paper that requires a registration (the precise print location on the page) greater than ±0.09 inches, such as optical character recognition (OCR) forms.

In some cases, you can adjust registration with your software program to successfully print on these forms.

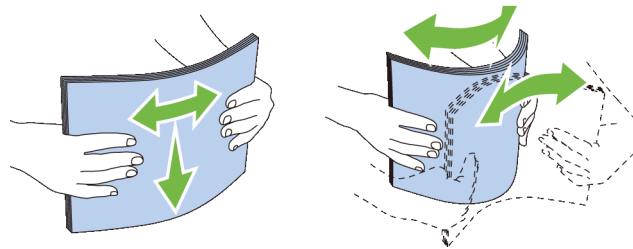
- Coated paper (erasable bond), synthetic paper, and thermal paper.
- Rough-edged, rough or heavily textured surface paper, or curled paper.
- Recycled paper containing more than 25 % post-consumer waste that does not meet DIN 19 309.
- Multiple-part forms or documents.
- Print quality may deteriorate (blank spaces or blotches may appear in the text) when printing on talc or acid paper.

## Selecting Paper

Proper paper selection helps prevent jams and ensures trouble-free printing.

To help avoid jams or poor print quality:

- Always use new, undamaged paper.
- Before loading the paper, identify the recommended print side of the paper. This information is usually indicated on the paper package.
- Do not use paper that you have cut or trimmed.
- Do not mix print media sizes, weights, or types in the same source. This may result in a paper jam.
- Do not remove the tray while printing is in progress.
- Ensure that the paper is properly loaded in the tray.
- Flex the paper back and forth, and then fan them. Straighten the edges of the stack on a level surface.



## Selecting Pre-Printed Media and Letterheads

When selecting pre-printed and letterhead paper for the printer:

- Use grain long paper for best results.
- Use only forms and letterheads printed using an offset lithographic or engraved printing process.
- Select paper that absorb ink, but does not bleed.
- Avoid paper with rough or heavily textured surfaces.
- Use paper printed with heat-resistant inks designed for use in xerographic copying machines. The ink must withstand temperatures of 225 °C (437 °F) without melting or releasing hazardous emissions.
- Use inks that are not affected by the resin in the toner or the silicone in the fusing unit. Inks that are oxidation-set or oil-based should meet these requirements; latex inks might not. If you are in doubt, contact your paper supplier.

## Selecting Pre-Punched Paper

When selecting pre-punched paper for the printer:

- Test paper from several manufacturers before ordering and using large quantities of pre-punched paper.
- Paper should be punched at the paper manufacturer and not drilled into paper already packaged in a ream. Drilled paper can cause jams when multiple sheets feed through the printer. This may result in a paper jam.
- Pre-punched paper can include more paper dust than standard paper. Your printer may require more frequent cleaning and feed reliability may not be as good as standard paper.
- Weight guidelines for pre-punched paper are the same as non-punched paper.



## Envelopes

Depending on the envelopes, it is possible to expect variable levels of wrinkling. It is recommended that you try a sample first before buying large quantities of any print media. See "Loading Envelopes in the MPF" for instructions on loading envelopes.

When printing on envelopes:

- Use only high-quality envelopes that are designed for use in laser printers.
- Set the print media source to the MPF. Set the paper type to **Envelope**, and select the correct size of envelope from the printer driver.
- Use envelopes made from 75 g/m<sup>2</sup> (20 lb bond) paper. You can use up to 105 g/m<sup>2</sup> (28 lb bond) weight for the envelope feeder as long as the cotton content is 25 % or less. Envelopes with 100 % cotton content must not exceed 90 g/m<sup>2</sup> (24 lb bond) weight.
- Use only freshly unpackaged, undamaged envelopes.
- Use envelopes that can withstand temperatures of 205 °C (401 °F) without sealing, excessive curling, wrinkling, or releasing hazardous emissions. If you have any doubts about the envelopes you are considering, check with the envelope supplier.
- Adjust the guide to fit the width of the envelopes.
- To load an envelope into the MPF, insert the envelope with the flaps closed or open and the short-edge of the envelope facing into the printer. The print side must be facing up.
- See "Loading Envelopes in the MPF" for instructions on loading envelopes.
- Use one envelope size during a print job.
- Ensure that the humidity is low because high humidity (more than 60 %) and the high printing temperatures may seal the envelopes.
- For best performance, do not use envelopes that:
  - Have excessive curl or twist
  - Are stuck together or damaged in any way
  - Contain windows, holes, perforations, cutouts, or embossing
  - Use metal clasps, string ties, or metal folding bars
  - Have an interlocking design
  - Have postage stamps attached
  - Have any exposed adhesive when the flap is in the sealed or closed position
  - Have nicked edges or bent corners
  - Have rough, cockle, or laid finishes

## Labels

Your printer can print on many labels designed only for use with laser printers.

When selecting labels:

- Label adhesives, face sheet (printable stock), and topcoats must be able to withstand temperatures of 205 °C (401 °F) and pressure of 25 pounds per square inch (psi).
- Use labels that can be without sealing, excessive curling, wrinkling, or releasing hazardous emissions.
- Do not use label sheets with a slick backing material.

 **CAUTION: Before buying large quantities of any print media, it is recommended that you try a sample first.**

When printing on labels:

- Use labels that can withstand temperatures of 205 °C (401 °F) without sealing, excessive curling, wrinkling, or releasing hazardous emissions.
- Set the paper type to **Label** in the printer driver.
- Load labels in the MPF. Tray1 and the optional 550-sheet feeder do not support labels.
- Do not load labels together with paper in the MPF.
- Do not print within 1 mm (0.04 inches) of the die-cut.
- Do not print within 1 mm (0.04 inches) of the edge of the label, of the perforations, or between die-cuts of the label.
- Do not print a label through the printer more than once.
- Portrait orientation is preferred, especially when printing bar codes.
- Do not use labels that have exposed adhesive.
- Use full label sheets. Partial sheets may cause labels to peel off during printing, resulting in a jam.
- Do not use label sheets that have adhesive to the edge of the sheet. It is recommended that zone coating of the adhesive is done at least 1 mm (0.04 inches) away from edges. Adhesive material contaminates your printer and could void your warranty.

 **WARNING: Otherwise a jam occurs in the printer and contaminate your printer and your cartridge with adhesive. As a result, could void your printer and cartridge warranties.**

## Storing Print Media

For proper print media storage, the following guidelines will help to avoid media feeding problems and uneven print quality.

- Store print media in an environment where the temperature is approximately 21 °C (70 °F) and the relative humidity is 40 %.
- Store cartons of print media on a pallet or shelf, rather than directly on the floor.
- If you store individual packages of print media out of the original carton, ensure that they rest on a flat surface so that the edges do not buckle or curl.
- Do not place anything on top of the print media packages.

# Identifying Print Media and Specifications

The following tables show print media information.

## Supported Paper Sizes


Paper size	MPF	Tray1	Optional 550-sheet feeder	Duplex unit
A4 (210 x 297 mm)	Y	Y	Y	Y
A5 (148 x 210 mm)	Y	Y	Y	Y
A6 (105 x 148 mm)	Y	Y	N	N
B5 (182 x 257 mm)	Y	Y	Y	Y
B6 (128 x 182 mm)	Y	Y	Y	Y
Letter (8.5 x 11 in)	Y	Y	Y	Y
Folio (8.5 x 13 in)	Y	Y	Y	Y
Legal (8.5 x 14 in)	Y	Y	Y	Y
Statement (5.5 x 8.5 in)	Y	Y	Y	Y
Executive (7.25 x 10.5 in)	Y	Y	Y	Y
Envelope #10 (4.125 x 9.5 in)	Y	N	N	N
Monarch (3.875 x 7.5 in)	Y	N	N	N
DL (110 x 220mm)	Y	N	N	N
C5 (162 x 229mm)	Y	N	N	N
Postcard JPN	Y	Y	N	N
Custom <sup>*1,2</sup>	Y	Y	Y	Y

<sup>\*1</sup> Custom: width: 76.2 mm (3.0 inches) to 215.9 mm (8.5 inches) for the MPF and tray1; 139.7 mm (5.5 inches) to 215.9 mm (8.5 inches) for the optional 550-sheet feeder  
length: 127.0 mm (5.0 inches) to 355.6 mm (14.00 inches) for the MPF and tray1; 210 mm (8.27 inches) to 355.6 mm (14.00 inches) for the optional 550-sheet feeder

<sup>\*2</sup> XML Paper Specification (XPS) driver does not support custom size paper.

## Supported Paper Types

Paper type	MPF		Tray1		Optional 550-sheet feeder		Duplex unit	
	Side 1	Side 2	Side 1	Side 2	Side 1	Side 2	Side 1	Side 2
Plain	Y	N	Y	N	Y	N	Y	N
Plain Thick	Y	N	Y	N	Y	N	Y	N
Covers	Y	N	Y	N	Y	N	Y	N
Covers Thick	Y	N	Y	N	Y	N	N	N
Rough surface	Y	N	Y	N	Y	N	N	N
Labels	Y	N	Y	N	Y	N	N	N
Envelope	Y	N	N	N	N	N	N	N
Recycled	Y	N	Y	N	Y	N	Y	N
Japanese Postcard	Y	N	Y	N	N	N	N	N
Letterhead	Y	N	Y	N	Y	N	Y	N
Preprinted	Y	N	Y	N	Y	N	Y	N
Prepunched	Y	N	Y	N	Y	N	Y	N
Color	Y	N	Y	N	Y	N	Y	N

 **NOTE:** For Plain paper, you can set the paper density by selecting the Paper Density (Light or Normal) under Maintenance from the operator panel, the **Tool Box**, or the **Dell™ Printer Configuration Web Tool**. Once you set the Paper Density settings, the printer uses the settings for Plain paper.

 **NOTE:** Rough Surface paper can only be fed one by one.

## Paper Type Specifications

Paper type	Weight (g/m <sup>2</sup> )	Remarks
Plain	60–80	-
Plain Thick	81–105	-
Covers	106–163	-
Covers Thick	164–216	-
Rough surface	106–163	Inkjet printer paper cannot be used.
Labels	106–163	Inkjet printer paper cannot be used.
Envelope	91–105	-
Recycled	60–105	-
Japanese Postcard	190	Inkjet printer paper cannot be used.
Letterhead	60–90	-
Preprinted	60–90	-
Prepunched	60–90	-
Color	60–90	-

## Loading Print Media

Loading print media properly helps prevent jams and ensures trouble-free printing.

Before loading any print media, identify the recommended print side of the print media. This information is usually indicated on the print media package.

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

### Capacity

Tray1 can hold:

- 250 sheets of the standard paper.

The optional 550-sheet feeder (tray2) can hold:

- 550 sheets of the standard paper.

The multipurpose feeder (MPF) can hold:

- 50 sheets of the standard paper.

### Print Media Dimensions

The maximum dimensions of print media that the MPF and tray1 can handle are:


- Width — 76.2 mm (3.00 inches) to 215.9 mm (8.5 inches)
- Length — 127 mm (5.00 inches) to 355.6 mm (14.00 inches)


The maximum dimensions of print media that the optional 550-sheet feeder can handle are:

- Width — 139.7 mm (5.5 inches) to 215.9 mm (8.5 inches)
- Length — 210 mm (8.27 inches) to 355.6 mm (14.00 inches)

## Loading Print Media in Tray1 and the Optional 550-Sheet Feeder


This section describes how to load letterhead. For details about loading print media other than letterhead, see "Loading Paper."

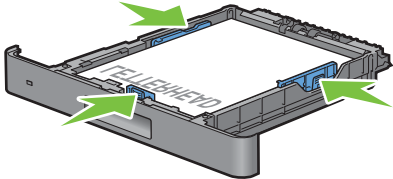
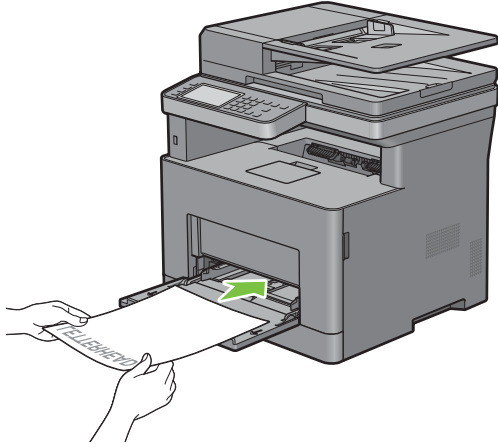
 **NOTE:** To avoid paper jams, do not remove the tray while printing is in progress.

 **NOTE:** Use only laser print media. Do not use ink jet paper in the printer.

### Loading Letterhead (Pre-Printed and Pre-Punched Paper)

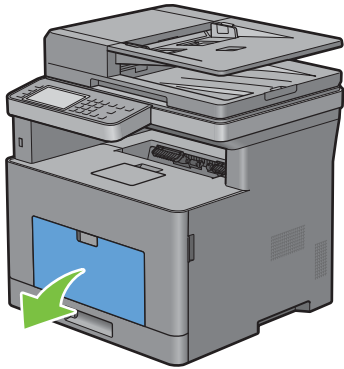
The pre-printed paper such as letterhead and pre-punched paper must be inserted bottom edge first with the print side facing down as shown below.

 **NOTE:** To enable printing with letterhead paper, set **Paper Type** to **Letterhead** and **Letterhead Duplex Mode** to **Enable** from the printer driver. Make sure to set **Paper Type** to **Letterhead** from the operator panel even when you print on a single side of letterhead, pre-printed, or pre-punched paper.

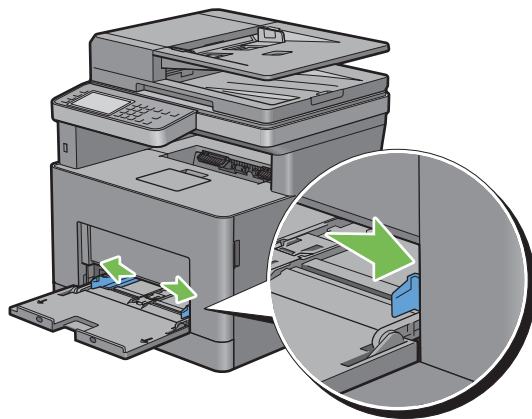
Print media source	Print side	Page orientation
Tray1 and optional 550-sheet feeder	Face down	Letterhead enters the printer last
		
MPF	Face down	Letterhead enters the printer last
		

## Loading Print Media in the MPF


- 1 Gently pull open the MPF cover.

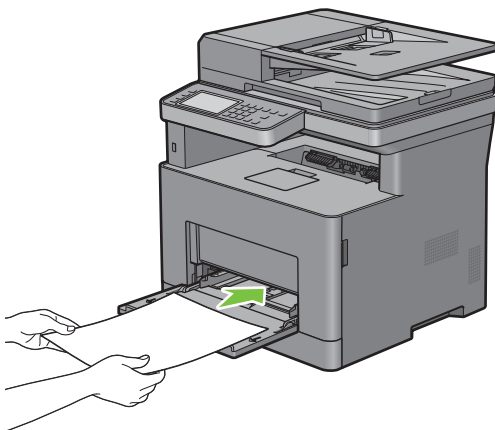


- 2 Slide the width guides to the edge of the tray. The width guides should be fully extended.




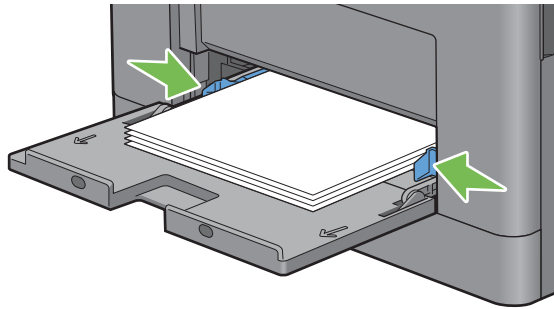
- 3 Insert all media face up and top edge first into the MPF.





 **NOTE:** Do not force the print media into the MPF.



- Slide both width guides until they rest lightly against the edge of the print media stack.

 **NOTE:** Do not force the print media into the MPF.

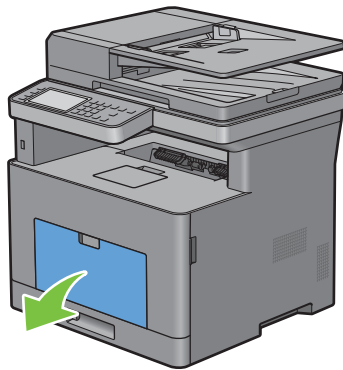


- On the touch panel, tap **Size**.
- Tap  or  until the desired paper size appears, and then select the size.
- Tap **Type**.
- Tap  or  until the desired paper type appears, and then select the type.
- Tap **OK**.

### Loading Small Print Media in the MPF

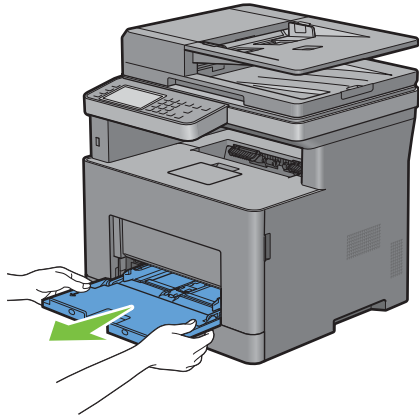
When loading small print media such as monarch envelope or the user-specified print media whose feed direction length is 191.6 mm or less in the MPF, remove the MPF from the printer.

- Gently pull open the MPF cover.

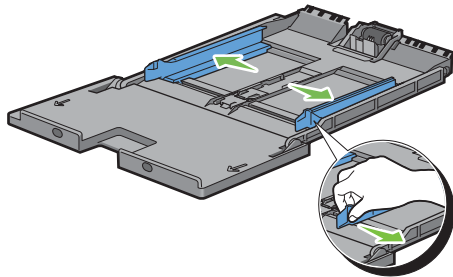




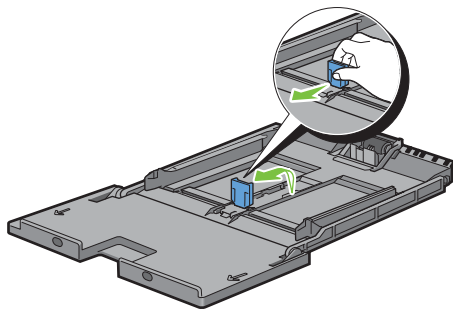
- 2 Grasp both sides of the MPF, and then pull the MPF from the printer.



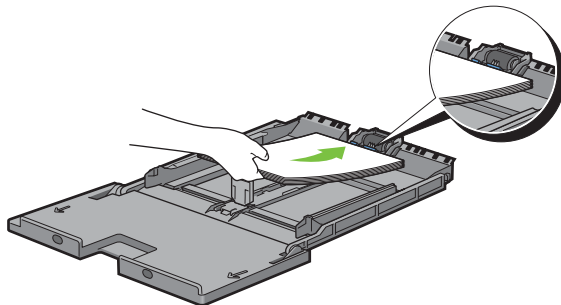
- 3 Slide the width guides to the edge of the tray. The width guides should be fully extended.



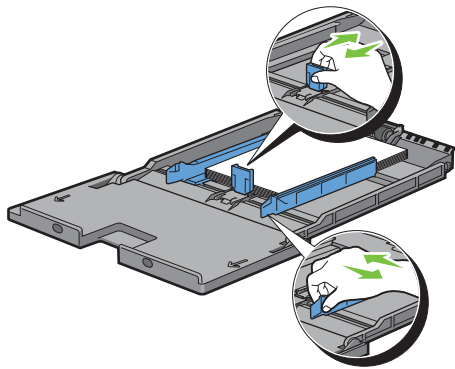
- 4 Pull up the length guide and slide it toward MPF cover until it stops.



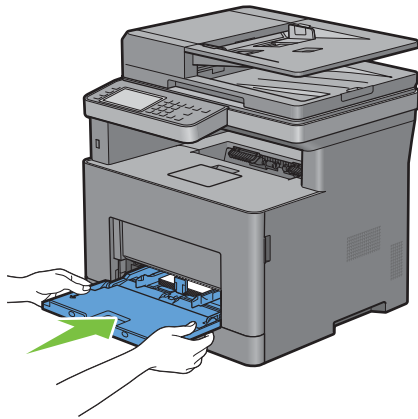
- 5 Load the print media into the MPF with the recommended print side facing up so that the top edge of the print media enters the printer first.



- 6 Align the paper guides against the edges of the print media.




- 7 Insert the MPF into the printer.




- 8 On the touch panel, tap **Size**.
- 9 Tap  or  until the desired paper size appears, and then select the size.
- 10 Tap **Type**.
- 11 Tap  or  until the desired paper type appears, and then select the type.
- 12 Tap **OK**.

## Printing on Envelopes – Envelope Mode

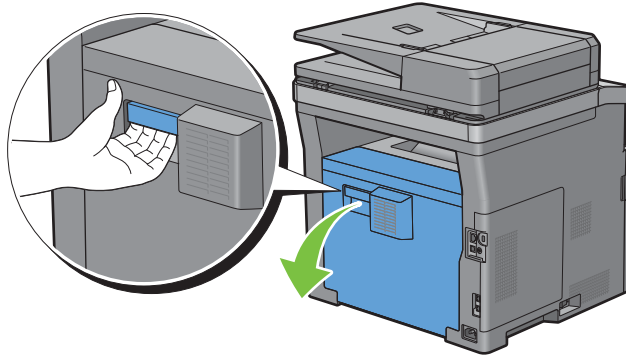
To print on envelopes with better print quality, set the printer to the envelope mode.

 **NOTE:** Print jobs can be done on envelopes even when the printer is not set to the envelope mode. To get the better print results, set the printer to the envelope mode.

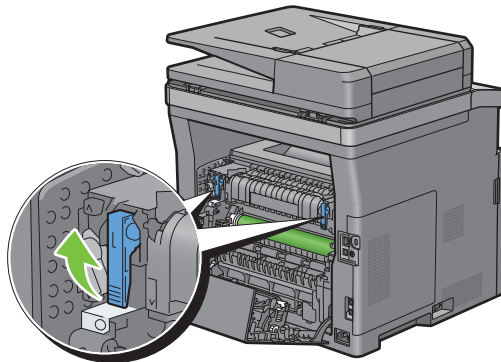
 **NOTE:** When the printer is in the envelope mode, print jobs cannot be done while the paper type is set to other than envelopes.


### To Set the Printer to the Envelope Mode

- 1 Pull the rear cover handle to open the rear cover.

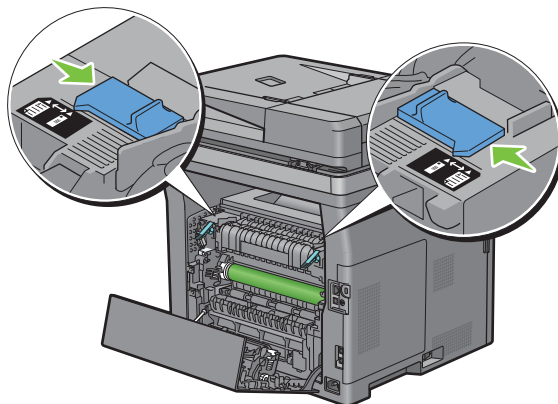


- 2 Lift the levers on both sides of the fusing unit.

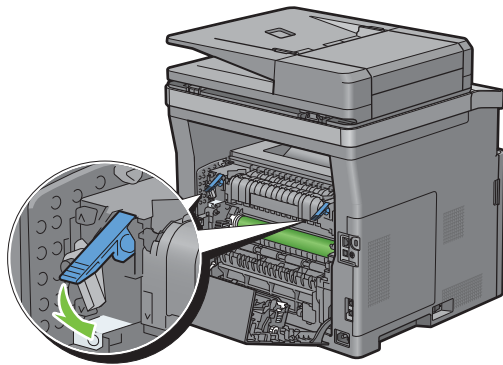


- 3 Slide the envelope switches on both sides of the fusing unit to the  position.

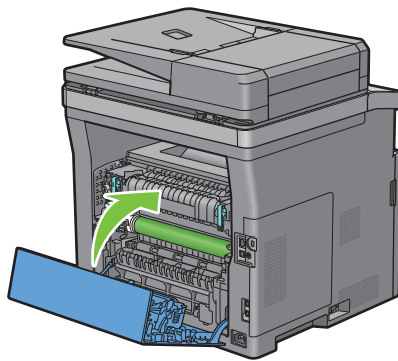
 **WARNING:** The fusing unit is hot. Do not touch it, doing so may cause burns.



- 4 Press down the levers on both sides of the fusing unit.

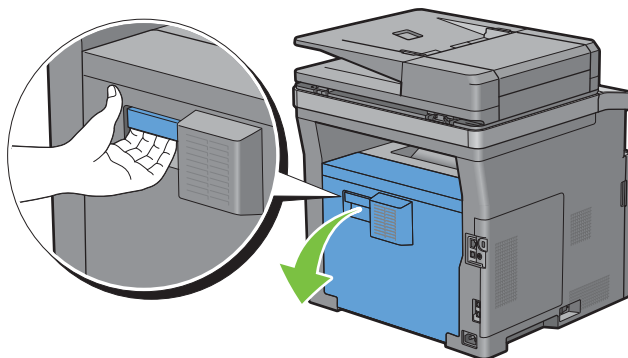


- 5 Close the rear cover.

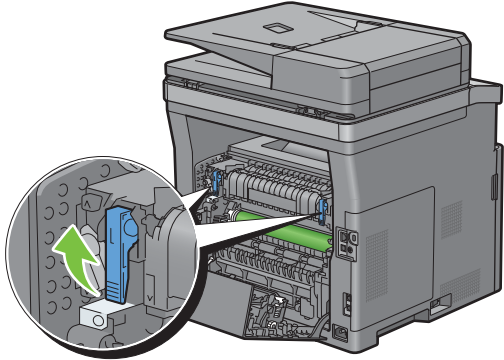



### To Cancel the Envelope Mode

- 1 Pull the rear cover handle to open the rear cover.

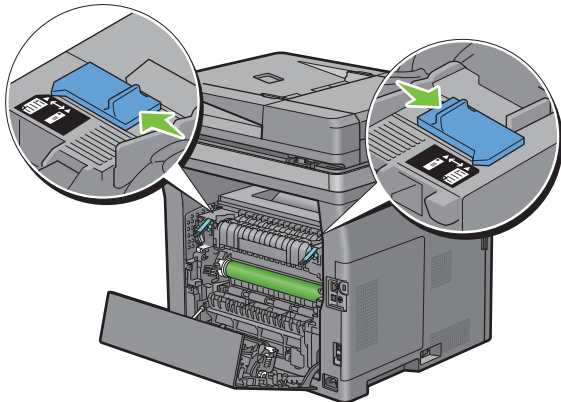


2 Lift the levers on both sides of the fusing unit.

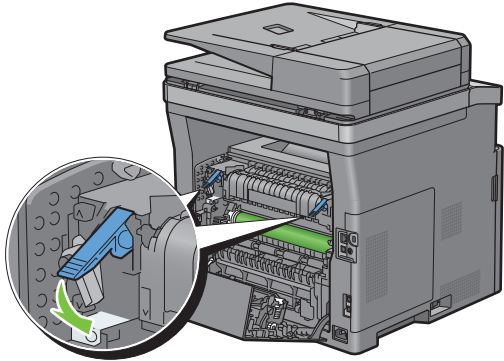


3 Slide the envelope switches on the both sides of the fusing unit to the  position.

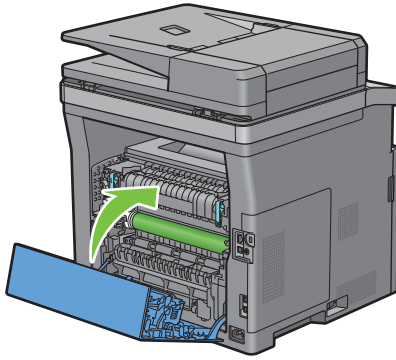
 **WARNING: The fusing unit is hot. Do not touch it, doing so may cause burns.**



4 Press down the levers on both sides of the fusing unit.



5 Close the rear cover.



### Loading Envelopes in the MPF

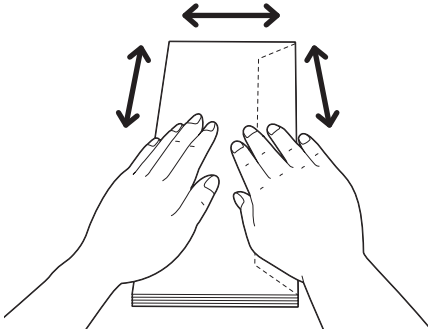
Use the following guidelines when loading envelopes in the MPF:



**CAUTION:** Never use envelopes with windows, coated linings, or self-stick adhesives. These lead to paper jams and can cause damage to the printer.



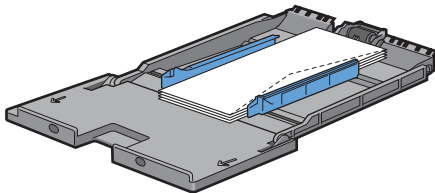
**NOTE:** If you do not load envelopes in the MPF right after they have been removed from the packaging, they may bulge. To avoid jams, press firmly across the whole envelopes to flatten them as shown below before loading the envelopes in the MPF.



**NOTE:** The maximum height (quantity) of envelopes that can be loaded in the MPF is approximately 15 mm (0.59 inches) (15 envelopes).

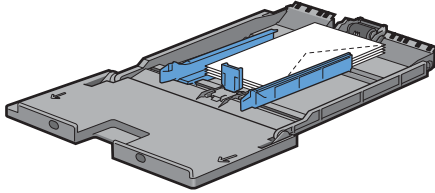
### Envelope #10, DL

Load the envelopes in the short edge feed orientation with the flaps closed and the print side up. Ensure that the flaps come at the right when you face towards the printer.



## Monarch

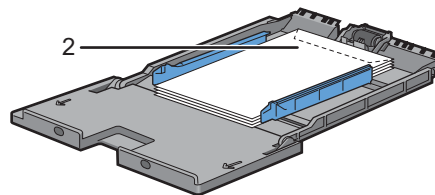
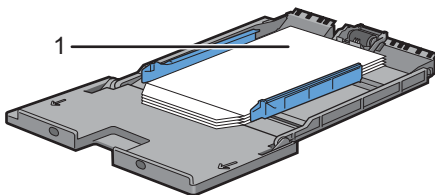
You need to pull up and slide the length guide. Load the envelopes in the short edge feed orientation with the flaps closed and the print side up. Ensure that the flaps come at the right when you face towards the printer.



## C5

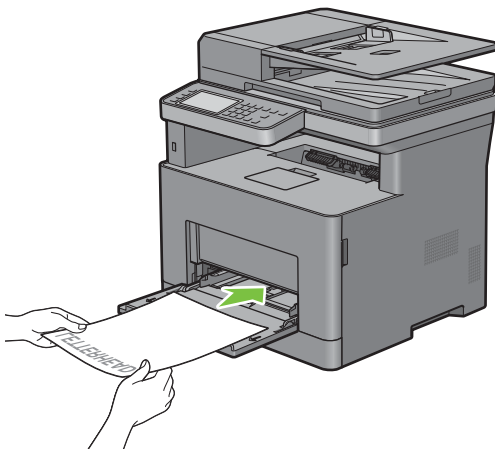
Load the envelopes in the short edge feed orientation with the flaps open or closed and the print side up. Ensure that the flaps come at the bottom with the flaps open or at the top with the flaps closed when you face towards the printer.

When you print with the orientation of the 1, position of the envelopes may be distorted on the output tray. In this case, set the orientation of the 2.



## Loading Letterhead in the MPF

When you use the MPF, letterhead and hole punched paper must be inserted bottom edge first with the print side facing down.




## Using the MPF

- Load only one size and type of print media during a single print job.
- To achieve the best possible print quality, use only high-quality print media that is designed for use in laser printer. For more guidelines on print media, see "Print Media Guidelines."
- Do not add or remove print media when there is still print media in the MPF or when the printer is printing from the MPF. This may result in a paper jam.
- Print media should be loaded with the recommended print side up and the top of the print media going into the MPF first.
- Do not place objects on the MPF. Also, avoid pressing down or applying excessive force on it.
- The icons on the MPF show how to load the MPF with paper, and how to turn an envelope for printing.


## Linking Trays

The printer automatically links the trays when you load the same size and type of print media in them. The first tray will be utilized until the media runs out, and then the next tray will be used.

 **NOTE:** The print media should be the same size and type in each tray. The MPF cannot be linked to any of the tray sources.

After loading the selected trays with the same size and type of print media, select the Paper Type setting in the Tray Settings component for each source (tray).

To disable tray linking change the paper type in one of the sources (trays) to a unique value.

 **NOTE:** If different types of print media of the same size are loaded in each tray, the printer will automatically link them if the paper type is not specified in the printer driver properties/preferences.



# Printing, Copying, Scanning, Faxing, and Dell Document Hub

18 Printing.....	283
19 Copying .....	305
20 Scanning.....	317
21 Faxing .....	345
22 Dell Document Hub.....	371
23 Printing and Scanning Directly From SharePoint® .....	381



# Printing

This chapter covers tips for printing, how to print certain information from your printer, and how to cancel a job.

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

## Tips for Successful Printing

### Tips on Storing Print Media

Store your print media properly. For more information, see "Storing Print Media."

### Avoiding Paper Jams

 **CAUTION:** Before buying large quantities of any print media, it is recommended that you try a sample first.

By selecting appropriate print media and loading it properly, you can avoid paper jams. See the following instructions on loading print media:

- "Loading Paper"
- "Loading Print Media in the MPF"
- "Avoiding Jams"

If you encounter a paper jam, see "Clearing Jams."


## Sending a Job to Print

Install the printer driver to use all the features of the printer. When you choose **Print** from an application, a window representing the printer driver opens. Select the appropriate settings for the specific job that you are sending to print. Print settings selected from the driver override the default menu settings selected from the operator panel or the **Tool Box**.

You may need to click **Preferences** from the initial **Print** box to see all of the available system settings. If you are not familiar with a feature in the printer driver window, open the online Help for more information.

To print a file from a typical Microsoft® Windows® application:

- 1 Open the file you want to print.
- 2 From the **File** menu, select **Print**.
- 3 Verify that the correct printer is selected in the dialog box. Change the print settings if needed.
- 4 Click **Preferences** to adjust system settings that are not available from the first screen, and then click **OK**.
- 5 Click **OK** or **Print** to send the job to the selected printer.

 **NOTE:** When you print on small-sized print media such as envelopes, lift the operator panel so that you can easily remove the printed media from the output tray.

## Canceling a Print Job

There are several methods for canceling a job.

- "Canceling a Job From the Operator Panel"
- "Canceling a Job From a Computer Running Windows® Operating System"


### Canceling a Job From the Operator Panel

To cancel a job after it has started printing:

- 1 Tap **Stop**.

Printing is canceled only for the current job. All the following jobs will continue to print.

To cancel a job before it has started printing:

- 1 Press the  button.

A list of print jobs appears.

- 2 Tap the desired job to cancel.
- 3 Tap **Stop**.
- 4 Tap **Stop Job**.

### Canceling a Job From a Computer Running Windows® Operating System

#### Canceling a Job From the Taskbar

When you send a job to print, a small printer icon appears in the bottom right corner of the taskbar.

- 1 Double-click the printer icon.  
A list of print jobs appears in the printer window.
- 2 Select the job you want to cancel.
- 3 Press the <Delete> key.

#### Canceling a Job From the Desktop

- 1 Click **Start** → **Devices and Printers**.

For Windows Vista®: Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

For Windows Server® 2008: Click **Start** → **Control Panel** → **Printers**.

For Windows Server® 2008 R2: Click **Start** → **Devices and Printers**.

For Windows® 8/Windows® 8.1: On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.

For Windows Server® 2012/Windows Server® 2012 R2: On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel** → **Hardware** → **Devices and Printers**.

For Windows® 10: Right-click the Start button, and then click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.

A list of available printers appears.

- 2 Right-click the printer that you selected when you sent the job for printing, and then select **See what's printing**.
- 3 Select the printer driver.  
A list of print jobs appears in the printer window.

- 4 Select the job you want to cancel.
- 5 Press the <Delete> key.

## Duplex Printing

Duplex printing (or two-sided printing) allows you to print on both sides of a sheet of paper. For sizes that are acceptable for duplex printing, see "Supported Paper Sizes."

### Duplex Printing With Duplex Unit

- 1 Click **Start**→ **Devices and Printers**.

For Windows Vista®: Click **Start**→ **Control Panel**→ **Hardware and Sound**→ **Printers**.

For Windows Server® 2008: Click **Start**→ **Control Panel**→ **Printers**.

For Windows Server® 2008 R2: Click **Start**→ **Devices and Printers**.

For Windows® 8/Windows® 8.1: On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.

For Windows Server® 2012/Windows Server® 2012 R2: On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel** → **Hardware** → **Devices and Printers**.

For Windows® 10: Right-click the Start button, and then click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.

- 2 Right-click the printer and select **Printing Preferences**.

The **General** tab appears.

- 3 From **Paper Source**, select the paper tray.

For PCL driver:

Select from **Auto**, **Tray1**, **Tray2**, or **MPF**.

For PS driver:

Select from **Automatically Select**, **Tray1**, **Tray2**, or **MPF**.

- 4 From **Duplex**, select **Flip on Short Edge** or **Flip on Long Edge**.


 **NOTE:** For details on the **Flip on Short Edge** and **Flip on Long Edge** options, see "Flip on Short Edge" and "Flip on Long Edge."

- 5 Click **OK**.

### Using Booklet Print

To use the booklet print feature, select the **Enable** check box of the **Booklet Printing** in the **Layout** tab.

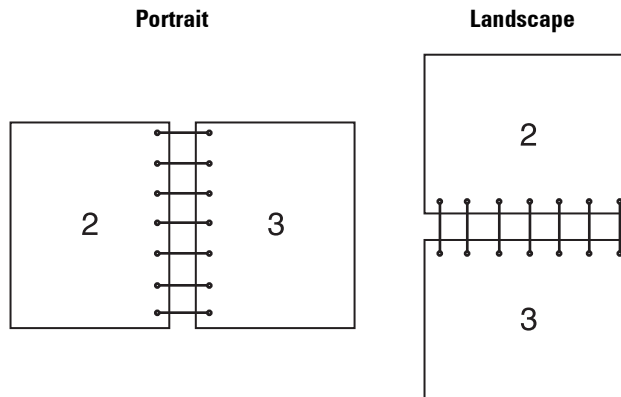
 **NOTE:** When the XML Paper Specification (XPS) or PS driver is used, booklet print is not available.

 **NOTE:** You must select **Flip on Long Edge** in the **Duplex** when using the Booklet Print feature.

---

Flip on Long Edge

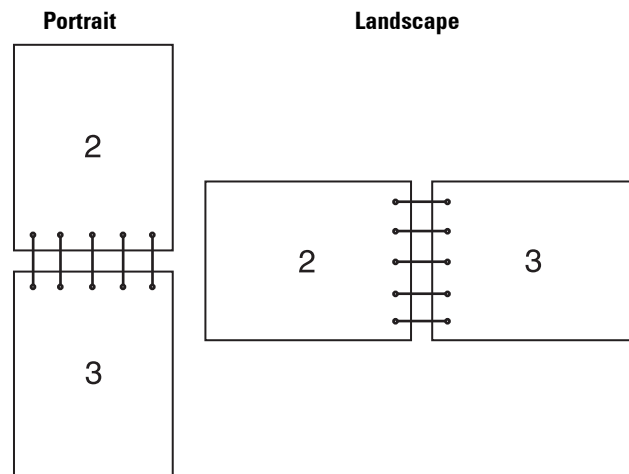
Assumes binding along the long edge of the page (left edge for portrait orientation and top edge for landscape orientation). The following illustration shows long-edge binding for portrait and landscape pages:



---

Flip on Short Edge


Assumes binding along the short edge of the page (top edge for portrait orientation and left edge for landscape orientation). The following illustration shows short-edge binding for portrait and landscape pages:




---

## Using the Stored Print Feature

When you send a job to the printer, you can specify the information such as user ID, password, and job name in the printer driver to store the job in the memory. When you are ready to print the job, select the desired job name in the memory using the operator panel.

 **NOTE:** The data in the memory is cleared when the printer is turned off.

 **NOTE:** Stored Print feature is available when:

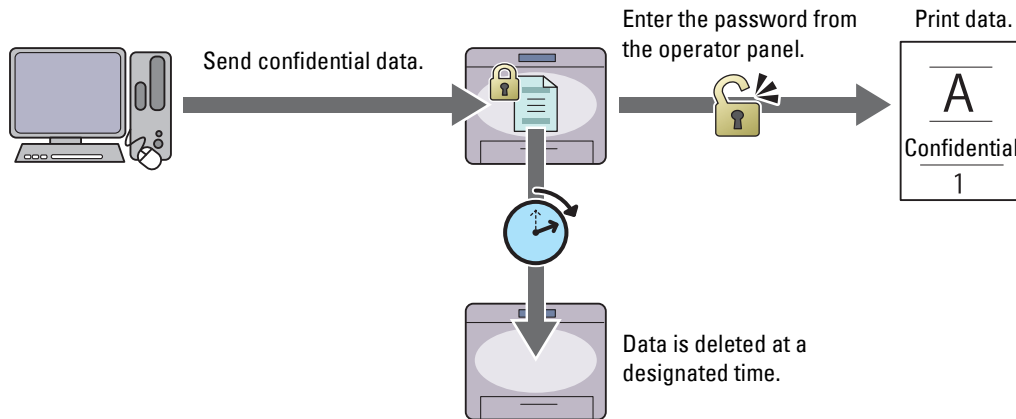
- The RAM disk is enabled in the printer menu.
- **RAM Disk** is set to **Available** in the printer driver.

### Overview

The stored printing feature includes the following job types.

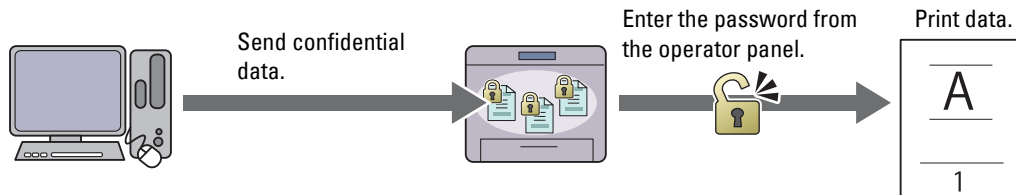
### Secure Print

You can temporarily store print jobs secured with a password in the memory. Users with the password can print them from the operator panel. This feature can be used to print confidential documents. A stored print job will be deleted after you print it or at a designated time.



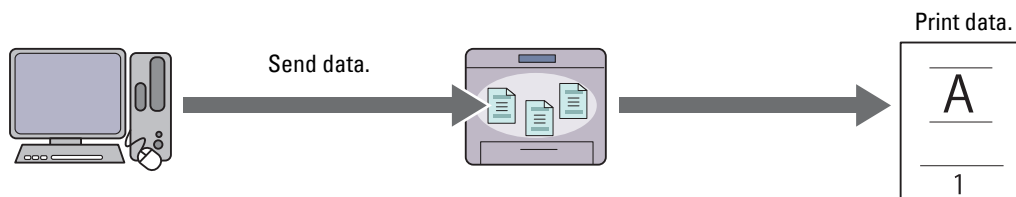
### Private Mail Box Print

You can store print jobs secured with a password in the memory. Users with the password can print them at a more convenient time from the operator panel. This feature can be used to print confidential documents. The stored jobs remain in the memory until you delete them from the operator panel.



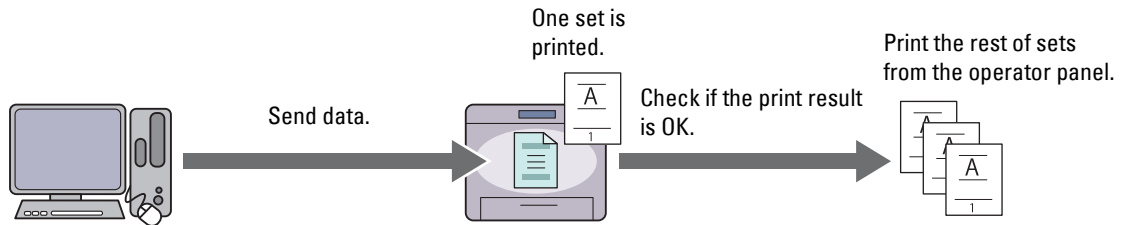
### Public Mail Box Print

You can store print jobs without a password in the memory. Any user can print them at a more convenient time from the operator panel. The stored jobs remain in the memory until you delete them from the operator panel.



## Proof Print

The collated print job is stored in the memory, but a single copy is printed automatically so you can check the print result. If you do not have problems with the print result, you can choose to print more copies. This prevents large number of misprinted copies from being printed at one time.



The difference between each of the job types are listed below. If you want to set the password for confidentiality, store the jobs in the Secure Print or Private Mail Box Print.

Job types	Password	Differences
Secure Print	Y	<ul style="list-style-type: none"> <li>The stored jobs will be deleted at a designated time.</li> <li>You cannot specify the quantity of copies from the operator panel. The quantity of copies depends on the number you specified on the printer driver.</li> </ul>
Private Mail Box Print	Y	<ul style="list-style-type: none"> <li>The stored jobs remain until you delete them from the operator panel.</li> </ul>
Public Mail Box Print	N	<ul style="list-style-type: none"> <li>You can specify the quantity of copies from the operator panel.</li> </ul>
Proof Print	N	<ul style="list-style-type: none"> <li>The print job is set to collate.</li> <li>A single copy is printed automatically.</li> <li>The stored jobs remain until you delete them from the operator panel.</li> <li>You can specify the quantity of copies from the operator panel.</li> </ul>

**NOTE:** If a print job is too large for the memory available, the printer may display an error message.

## Procedures for Printing Stored Print

**NOTE:** The stored print feature is available when using the PCL or PS driver.

When you select a job type in the printer driver, the job will be stored in the memory until you request to print it from the operator panel. The following are procedures for storing and printing jobs.

### Storing Print Jobs

To use the stored print feature, you need to select a job type other than **Normal Print** in the **General** tab of the printer driver. The job will be stored in the memory until you request to print it from the operator panel.



**NOTE:** Secure Print and Private Mail Box Print require specifying a password for confidentiality.




**NOTE:** If a document name is not assigned to your print job in the printer driver, the job's name will be identified using the printer's time and date of submission to distinguish it from other jobs you have stored under your name.

### Printing the Stored Jobs

- 1 Press the (Home) button.
- 2 Tap → Print.
- 3 Select a job type such as Secure Print, Private Mailbox, Public Mailbox, or Proof Print. A list of user ID appears.



- 4 Tap  until the desired user ID appears, and then tap that user ID.
  -  **NOTE:** Secure Print and Private Mail Box Print require specifying a password for confidentiality. If you select Public Mail Box Print or Proof Print, proceed to step 6.
- 5 Enter the password using the number pad, and then tap OK.
 

For details about specifying the password, see "Specifying your password on the operator panel (Secure Print/Private Mail Box Print)."
- 6 Tap  until the desired document appears, and then tap that document.
  -  **NOTE:** You can tap `Quantity` to specify the number of copies. For Secured Print, `Quantity` is not available.
- 7 Tap `Print`.
  -  **NOTE:** If you want to keep the data in the memory for the time being, clear the **Print and Delete** check box.
- 8 Tap OK.
 

The stored job will be printed.

### Specifying your password on the operator panel (Secure Print/Private Mail Box Print)

When you tap `Secure Print` or `Private Mailbox` from `Print Menu`, a screen to enter the password appears after selecting your user ID.

Use the number pad to enter the numeric password you specified in the printer driver. The password you entered will appear as asterisks (`*****`) to ensure confidentiality.

If you enter an invalid password, the message `Incorrect password Try again` appears. Wait 3 seconds, or tap `Close` to return to the screen for entering the password.

When you enter a valid password, you have access to all print jobs matching the user ID and password you entered. The print jobs matching the password you entered appear on the screen. You can then choose to print or delete jobs matching the password you entered. (See "Printing the Stored Jobs" for more information.)

### Deleting Stored Jobs

With Secure Print, a job that has been stored will be deleted after printing or deleted at a designated time entered on the operator panel.


For other jobs, these jobs remain stored until you delete them from the operator panel.

## Printing from USB Memory (USB Direct Print)

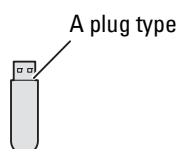
The USB Direct Print feature allows you to print files stored in a USB memory using the operator panel.

 **CAUTION:** To prevent damage to your printer, do not connect any device other than USB memory to the front USB port of the printer.

 **CAUTION:** Do not remove the USB memory from the front USB port until the printer has finished printing.

 **NOTE:** If the Functions Control setting for `USB Direct Print` is set to `On (Password)`, you need to enter the four-digit password to use the print function. If the Functions Control setting for `USB Direct Print` is set to `Off`, the print function is disabled and the menu is also disabled on the screen. For details, see "Functions Control."

The front USB port of the printer is designed for USB 2.0 devices. You must use only an authorized USB memory with an A plug type connector. Use only a metal shielded USB memory.



## Supported File Formats

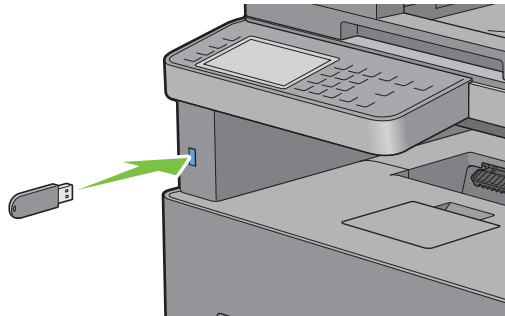
Files in the following file formats can be printed directly from a USB memory.

- PDF
- TIFF
- JPEG

## Inserting and Removing a USB Memory






You can insert the USB memory before printing or scanning images.

Before removing the USB memory, ensure that the printer is not accessing the USB memory.








**CAUTION:** If you remove the USB memory while the printer is accessing, the data in the USB memory or the USB memory device itself may be destroyed.

## Printing a PDF/TIFF File in a USB Memory

- 1 Press the  (Home) button.
- 2 Insert a USB memory to the front USB port of the printer.  
For details about inserting a USB memory, see "Inserting and Removing a USB Memory."
- 3 Tap `Print PDF/TIFF`.
- 4 Scroll through the page or tap a folder until the desired files appear, and then tap those files.
  -  **NOTE:** Only the following characters are displayed on the touch panel:  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 \$ % ' ' - @ { } ~ ! # ( ) & \_ ^
  -  **NOTE:** Up to 10 files can be selected and printed in display order.
- 5 Tap .
- 6 Specify print options such as `Select Tray`, `2 Sided Printing`, `Layout`, `Image Types`, `Collation`, and `PDF Password` on the **Print Settings** screen. For details, see "Print PDF/TIFF."
- 7 Tap `Print` to begin printing.
  -  **NOTE:** Only PDF/TIFF files created using the scan features of your printer can be printed through `Print PDF/TIFF`.

## Printing a JPEG File in a USB Memory

- 1 Press  (Home) button.
- 2 Insert a USB memory to the front USB port of the printer.  
For details about inserting a USB memory, see "Inserting and Removing a USB Memory."
- 3 Tap **Print JPEG**.
- 4 Scroll through the page or select a folder until the desired files appear, and then tap those files.  
To select all the files, tap  .  
 **NOTE:** Only the following characters are displayed on the touch panel:  
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 \$ % ' ' - @ { } ~ ! # ( ) & \_ ^  
 **NOTE:** Up to 100 files can be selected and printed in display order.
- 5 Tap  .
- 6 Specify print options such as **Select Tray**, **2 Sided Printing**, **Layout**, **Image Types**, and **Collation** on the **Print Settings** screen. For details, see "Print JPEG."
- 7 Tap **Print** to begin printing.  
 **NOTE:** Only JPEG files created using the scan features of your printer can be printed through **Print JPEG**.

## Printing With Web Services on Devices (WSD)

This section provides information for network printing with Web Services on Devices (WSD), the protocol of Microsoft® for Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10, Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2012, and Windows Server® 2012 R2.

### Adding Roles of Printer Services

When you use Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2012, or Windows Server® 2012 R2, you need to add the roles of print services to the Windows Server® 2008, Windows Server® 2008 R2, Windows Server® 2012, or Windows Server® 2012 R2 client.

#### For Windows Server® 2008:

- 1 Click **Start**→ **Administrative Tools**→ **Server Manager**.
- 2 Select **Add Roles** from the **Action** menu.
- 3 Check the **Print Services** check box on the **Server Roles** window in the **Add Roles Wizard**, and then click **Next**.
- 4 Check the **Print Server** check box, and then click **Next**.
- 5 Click **Install**.

#### For Windows Server® 2008 R2:

- 1 Click **Start**→ **Administrative Tools**→ **Server Manager**.
- 2 Select **Add Roles** from the **Action** menu.
- 3 Check the **Print and Document Services** check box on the **Server Roles** window in the **Add Roles Wizard**, and then click **Next**.
- 4 Click **Next**.
- 5 Check the **Print Server** check box, and then click **Next**.
- 6 Click **Install**.

### For Windows Server® 2012/Windows Server® 2012 R2:

- 1 Click **Server Manager** of the **Start** screen.
- 2 Select **Add Roles and Features** from the **Manage** menu.
- 3 Click **Next** on the **Before You Begin** window → Select installation type on the **Installation Type** window → Select destination server on the **Server Selection** window in the **Add Roles and Features Wizard**.
- 4 Check the **Print and Document Services** check box on the **Server Roles** window, and then click **Next**.
- 5 Select features on the **Features** window → Confirm installation selections on the **Confirmation** window.
- 6 Click **Install**.

### Printer Setup

You can install your new printer on the network using the *Software and Documentation* disc that shipped with your printer, or using the Add Printer wizard on Microsoft® Windows®.

### Installing a Printer Driver Using the Add Printer Wizard

- 1 Click **Start** → **Devices and Printers** (**Start** → **Control Panel** → **Hardware and Sound** → **Printers** for Windows Vista® and Windows Server® 2008).

For Windows® 8, Windows® 8.1, Windows Server® 2012, and Windows Server® 2012 R2:


On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server® 2012/Windows Server® 2012 R2) → **Devices and Printers**.


For Windows® 10:

Right-click the Start button, and then click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.


- 2 Click **Add a printer** to launch the **Add Printer** wizard.  
For Windows® 8, Windows® 8.1, Windows® 10, Windows Server® 2012, and Windows Server® 2012 R2:  
Proceed to step 4.

- 3 Select **Add a network, wireless or Bluetooth printer**.
- 4 In the list of available printers, select the one you want to use, and then click **Next**.

 **NOTE:** In the list of available printers, the Web Services on Devices (WSD) printer is displayed in the form of **http://IP address/ws/**.

 **NOTE:** If no Web Services on Devices (WSD) printer is displayed in the list, enter the printer's IP address manually to create a Web Services on Devices (WSD) printer. To enter the printer's IP address manually, follow the instructions below. For Windows Server® 2008 R2, to create a Web Services on Devices (WSD) printer, you must be a member of Administrators group.

1. Click **The printer that I want isn't listed**.
2. Select **Add a printer using a TCP/IP address or hostname** and click **Next**.
3. Select **Web Services Device** from **Device type**.
4. Enter the printer's IP address in the **Hostname or IP address** text box and click **Next**.

 **NOTE:** Before installing the driver using the Add Printer wizard on Windows Server® 2008 R2 or Windows® 7, perform one of the following:

- Establish the Internet connection so that Windows Update can scan your computer.
- Add the printer driver to your computer.

- 5 If prompted, install the printer driver on your computer. If you are prompted for an administrator password or confirmation, type the password or provide confirmation.
- 6 Complete the additional steps in the wizard, and then click **Finish**.

7 Print a test page to verify installation.

- a Click **Start** → **Devices and Printers** (**Start** → **Control Panel** → **Hardware and Sound** → **Printers** for Windows Vista® and Windows Server® 2008).


For Windows® 8, Windows® 8.1, Windows Server® 2012, and Windows Server® 2012 R2:

On the Desktop screen, right-click the bottom left corner of the screen, and then click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server® 2012/Windows Server® 2012 R2) → **Devices and Printers**.

For Windows® 10: Right-click the Start button, and then click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.


- b Right-click the printer you just created, and then click **Printer properties** (**Properties** for Windows Vista® and Windows Server® 2008).
- c On the **General** tab, click **Print Test Page**. When a test page prints successfully, installation is complete.


## Printing With Wi-Fi Direct


 **NOTE:** The Wi-Fi Direct feature is available on the Dell Cloud Multifunction Printer | H815dw only.


This section provides information for Wi-Fi Direct printing. Wi-Fi Direct allows your Wi-Fi mobile devices such as computers, smartphones, and tablets, to connect to the printer directly via a Wi-Fi network. With Wi-Fi Direct, you can print documents, photos, or e-mail on your Wi-Fi mobile devices directly without a wireless access point.

 **NOTE:** Wi-Fi Direct is available even if the printer is connected to your wireless network connection.

 **NOTE:** The maximum number of devices that can be connected via the Wi-Fi Direct network is 3.

 **NOTE:** You cannot connect your mobile device to the Internet via the printer's Wi-Fi Direct network.


 **NOTE:** Depending on the mobile device, the channel used to connect the device to the printer via Wi-Fi Direct may differ from the channel used by the printer to connect to a network via Wi-Fi infrastructure mode. In such a case, simultaneous connection with Wi-Fi Direct and Wi-Fi infrastructure mode may not work properly.


 **NOTE:** The printer connected with Wi-Fi Direct supports the following protocols; LPD, Port9100, Web Services on Devices (WSD), Bonjour (mDNS), SNMPv1/v2c, Dell Printer Configuration Web Tool.



### Setting Up Wi-Fi Direct

To use Wi-Fi Direct, you need to first set up the Wi-Fi Direct settings from the operator panel of the printer. To connect the mobile device to the printer via Wi-Fi Direct, select the SSID of the printer from the list of wireless networks on the mobile device and enter the passphrase necessary for connection.

### Setting Up the Printer

 **NOTE:** Wi-Fi Direct cannot be used in an IPv6 or Ad-hoc environment.

- 1 Press the  (**Information**) button.
- 2 Tap the **Tools** tab, and then tap **Admin Settings**.
- 3 Tap **Network**.
- 4 Tap **Wi-Fi Direct**.
- 5 In the **Wi-Fi Direct** menu, tap **Wi-Fi Direct**.
- 6 Tap **Enable**, and then tap **OK**.  
When a popup message about the devices is displayed, tap **Close**.
- 7 Tap **Group Role**.

- 8 Tap **Group Owner**, and then tap **OK**.
- 9 The printer must be rebooted after you set **Wi-Fi Direct**. After the reboot, repeat steps from 1 to 4.
- 10 Tap  until **SSID** and **Passphrase** appears, and tap each menu to check what the SSID and passphrase is.  
 **NOTE:** To confirm the printer's SSID and passphrase, you can also print the list by tapping **Print Passphrase** under the **Passphrase** menu.

### Connecting the Mobile Device

- 1 Connect the mobile device to the Wi-Fi Direct network.

For Windows<sup>®</sup> 10

- a Click the **Start** button, and then click **Settings**.
- b Click the **Wi-Fi** icon.
- c Click the printer's SSID → **Connect**.
- d Enter the passphrase, and then click **Next**.  
The mobile device will connect to the printer.

For Windows<sup>®</sup> 8, Windows<sup>®</sup> 8.1, Windows<sup>®</sup> RT, and Windows<sup>®</sup> RT 8.1

- a Tap **Settings** in the **PC settings** menu.
- b Tap the **Wi-Fi** icon.
- c Tap the printer's SSID, and then tap **Connect**.
- d Enter the passphrase, and then tap **Next**.  
The mobile device will connect to the printer.

For Windows<sup>®</sup> 7

- a Click the network icon on the taskbar.
- b Click the printer's SSID, and then click **Connect**.
- c Enter the passphrase, and then click **OK**.
- d Click **Cancel** to exit the **Set Network Location** window.  
The mobile device will connect to the printer.

For Windows Vista<sup>®</sup>

- a Click **Start** → **Connect To**.
- b Click the printer's SSID.
- c Enter the passphrase, and then click **Connect**.  
The mobile device will connect to the printer.

For OS X 10.9 and OS X 10.10

- a Click the network icon on the Menu Bar.
- b Click the printer's SSID.
- c Enter the passphrase, and then click **Join**.  
The mobile device will connect to the printer.

For iOS

- a** Tap **Settings** → **Wi-Fi**.
  - b** Tap the printer's SSID.
  - c** Enter the passphrase, and then tap **Join**.
- The mobile device will connect to the printer.

For Android

The procedure varies depending on your mobile device you are using. Refer to the manual provided with your mobile device.

## **2** Install the printer on the mobile device.

For Windows® 10

- a** Click the Start button, and then click **Settings**.
  - b** Click **Devices** → **Add a device**.
  - c** Click **Dell\_xxxxxx**.
- The printer is ready for use.

For Windows® 8, Windows® 8.1, Windows® RT, and Windows® RT 8.1

- a** Click **Devices** in the **PC settings** menu.
  - b** Click **Add a device** in the **Devices** sub-menu.
  - c** Click **Dell\_xxxxxx**.
- The printer is ready for use.

For Windows Vista® and Windows® 7

You need to install the printer driver on the mobile device. See "Installing Printer Drivers on Windows® Computers."

For OS X 10.9 and OS X 10.10

You need to install the printer driver on the mobile device. See "Installing Printer Drivers on Macintosh Computers."

For iOS

You need to install the printing application such as the Dell Document Hub app, and then the printer is ready for use.



For Android

You need to install the printing application such as the Dell Document Hub app, and then the printer is ready for use.


### **Printing via Wi-Fi Direct**

The printing procedure varies depending on your mobile device you are using. Refer to the manual provided with your mobile device to print as you normally do from the device.



## Disconnecting Wi-Fi Direct Network

- 1 Press the  (Information) button.
- 2 Tap Paired Device.  
 **NOTE:** The Paired Device menu is displayed only when the printer is connected via Wi-Fi Direct.
- 3 Tap the device name to disconnect.
- 4 Tap Disconnect Now or Disconnect and Reset Passphrase.
- 5 Tap Yes.  
The selected device is successfully disconnected.



You can also disconnect the device from the following steps.

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Network.
- 4 Tap Wi-Fi Direct.
- 5 Tap Paired Device.
- 6 Tap the device name to disconnect.
- 7 Tap Disconnect now.
- 8 Tap Yes.

## Resetting the Passphrase

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Network.
- 4 Tap Wi-Fi Direct.
- 5 Tap  until Passphrase appears, and then tap Passphrase.
- 6 Tap Reset Passphrase.
- 7 Tap Yes.  
The Wi-Fi Direct is disconnected and the passphrase is reset.

## Resetting the PIN

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Network.
- 4 Tap Wi-Fi Direct.
- 5 Tap  until WPS Setup appears, and then tap WPS Setup.
- 6 Tap PIN Code.
- 7 Tap Reset Code.
- 8 Tap Yes.  
The Wi-Fi Direct is disconnected and the PIN is reset.



## Mobile Printing and Scanning

The printer supports printing from a variety of mobile devices, using the Dell Document Hub app.

Easy to use and navigate, the Dell Document Hub app allows users to scan to and print from a variety of common cloud storage services. It enables direct printing of photos, documents, web content and more, to supported Dell printers on a Wi-Fi, Wi-Fi Direct, or Ethernet network.

### Android OS

Download the Dell Document Hub app for free from Google Play.

Scan the QR Code for quick access to the relevant application store.



For Android OS

### Apple iOS

This printer is compatible with the Dell Document Hub app for free from App Store.

Scan the QR Code for quick access to the relevant application store.



For Apple iOS

This printer is also compatible with AirPrint. For details about AirPrint, see "Printing With AirPrint."

## Printing With AirPrint



AirPrint allows you to print through a network with the device running iOS or OS X.

Be sure to install the latest version of iOS for iOS device. For OS X, be sure to update OS X and the apps you have purchased from the App Store using the Software Update.

### Setting Up AirPrint on Your Printer

- 1 Ensure that the printer is connected to the network.
- 2 Launch the **Dell Printer Configuration Web Tool** by entering the IP address of the printer in your web browser. For more information, see "Setting Up the Dell Printer Configuration Web Tool" and "Starting the Dell Printer Configuration Web Tool."
- 3 When the **Dell Printer Configuration Web Tool** opens, click **Print Server Settings** in the left frame, and click the **Print Server Settings** tab.
- 4 Click **AirPrint**.
- 5 In **Enable AirPrint**, select the check box to enable the printer for AirPrint.
- 6 Click **Apply New Settings**.
- 7 Click **Restart Printer**.

### Printing via AirPrint

The following procedure uses the iPhone running iOS8.1 as an example.

- 1 Open your email, photo, web page, or document you want to print.
- 2 Tap the action icon
- 3 Tap **Print**.
- 4 Select your printer and set printer options.
- 5 Tap **Print**.

## Printing With Google Cloud Print

By registering the printer to your Google account, you can use the Google Cloud Print service to print from the Google Chrome browser without installing the printer drivers to your device. You can also share the printer with the specified users over the Internet.

The printer supports the following version of the Google Cloud Print service:

- Google Cloud Print version 1.1
- Google Cloud Print version 2.0



**NOTE:** Information about Google Cloud Print is based on the information as of October 2015. For the latest information, visit the Google Cloud Print web site.







**NOTE:** Use the latest version of the Google Chrome browser for Google Cloud Print.

### Preparing to Use the Printer with Google Cloud Print



To use Google Cloud Print, you need the following preparations in advance:

- "Enabling Google Cloud Print on the Printer"
- "Selecting the Version of the Google Cloud Print Service"
- "Registering the Printer to the Google Cloud Print Service"
- "Sharing the Printer Using the Google Cloud Print Service"

-  **NOTE:** To register the printer to the Google Cloud Print service, the printer needs to be connected to the Internet.
-  **NOTE:** Google Cloud Print supports only IPv4 connection.
-  **NOTE:** If the printer is connected to a network that uses a proxy server, you need to specify the settings in **Proxy Server** from the **Dell Printer Configuration Web Tool**. For more information, see "Proxy Server."
-  **NOTE:** Acquire a Google account and a Gmail address in advance.

## Enabling Google Cloud Print on the Printer

### When using the operator panel

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Network.
- 4 Tap Protocols.
- 5 Tap  until Google Cloud Print appears, and then tap Google Cloud Print.
- 6 Tap Enable.
- 7 Tap OK.
- 8 Turn off the printer, and turn it on again to apply the settings.

### When using the Dell Printer Configuration Web Tool

- 1 Launch the **Dell Printer Configuration Web Tool** by entering IP address of the printer in your web browser. For more information, see "Setting Up the Dell Printer Configuration Web Tool" and "Starting the Dell Printer Configuration Web Tool."
- 2 When the **Dell Printer Configuration Web Tool** opens, go to the pages in the **Print Server Settings** tab. Click **Port Settings**. In **Port Status**, select the **On** check box for **Google Cloud Print**.

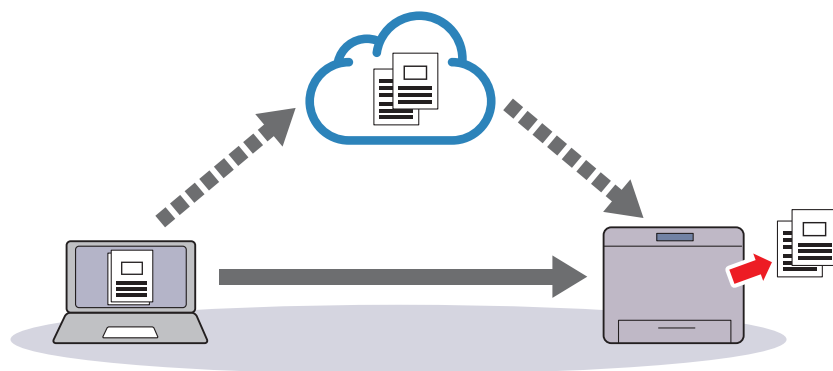
## Selecting the Version of the Google Cloud Print Service

Select the version of the Google Cloud Print service from either version 1.1 or version 2.0.

Google Cloud Print version 1.1 sends the print data to the printer via Internet. For this version, the printer needs to be connected to the Internet.



Google Cloud Print version 2.0 sends the print data to the printer either via Internet or via local network. This version is recommended for the environment where the Internet connection cannot be used.



**NOTE:** Available options for printing may vary according to your device or the version of the Google Cloud Print service.

**NOTE:** You cannot use both version 1.1 and version 2.0 of the Google Cloud Print service on a printer.

### Registering the Printer to the Google Cloud Print Service

Before registering the printer to the Google Cloud Print service, prepare the Google account to which the printer is registered.

**NOTE:** To register the printer to the Google Cloud Print service, the printer needs to be connected to the Internet.


**NOTE:** The Google account which is used in the registration procedure will be registered as the owner.

#### For Google Cloud Print Version 1.1



- 1 Launch the **Dell Printer Configuration Web Tool** by entering IP address of the printer in your web browser. For more information, see "Setting Up the Dell Printer Configuration Web Tool" and "Starting the Dell Printer Configuration Web Tool."
- 2 When the **Dell Printer Configuration Web Tool** opens, go to the pages in the **Print Server Settings** tab. Click **Register This Device to Google Cloud Print in Google Cloud Print**. A sheet with a URL for the Google Cloud Print printer registration web site is printed.
- 3 From the web browser of your computer, visit the Google web site and sign in with your Google account. Visit the Google Cloud Print registration web site by entering the URL on the printout into your web browser. You can also visit the site by scanning the QR code with your mobile device.
- 4 On the Google Cloud Print registration web site, click **Finish printer registration**.
- 5 Click **Manage your printers**. Your printer will be listed in the **Printers** list and will be ready for use with the Google Cloud Print service.

**NOTE:** When the printer does not print a sheet with a URL and shows a message of the status code 016-757, launch the **Dell Printer Configuration Web Tool**, open the **Dell AccessControl** page in the **Print Volume** tab, and either turn **AccessControl Mode** to **Off** or turn **Non Registered User** to **On**.

#### For Google Cloud Print Version 2.0




- 1 Launch the Google Chrome browser. When you are using the Google Chromebook, start and log in to the Chromebook.
- 2 Click  in the top right corner, and select **Settings**.
- 3 Click **Show advanced settings** in the bottom of the page.
- 4 Click **Manage** under the **Google Cloud Print** menu.

**NOTE:** If a message is displayed under **New Devices** to request you to sign in to Chrome, click **sign in** and sign in to Chrome.

- 5 Click **Register** for the printer you want to register.  
 **NOTE:** If Bonjour (mDNS) is set to off, the new printer will not show in **New devices**. In this case, launch the **Dell Printer Configuration Web Tool**, open the **Port Settings** page in the **Print Server Settings** tab, and turn **Bonjour (mDNS)** to **On**.
- 6 When the window to confirm the registration appears, click **Register**.  
The window appears to show that the printer is being added.
- 7 Go to the printer, and follow the instructions displayed on the operator panel.
- 8 When the printer name appears in the **My devices** list, the registration is completed.  
 **NOTE:** It may take about 5 minutes or more until the printer name appears in the **My devices** list.

### Sharing the Printer Using the Google Cloud Print Service

You can share the printer registered for the Google Cloud Print service with other users.

- 1 Launch the Google Chrome browser. When you are using the Google Chromebook, start and log in to the Chromebook.
  - 2 Click  in the top right corner, and select **Settings**.
  - 3 Click **Show advanced settings** in the bottom of the page.
  - 4 Click **Manage** under the **Google Cloud Print** menu.  
 **NOTE:** If a message is displayed to request you to sign in to Chrome, click **sign in** and sign in to Chrome.
  - 5 Click **Manage** for the printer you want to share.
  - 6 In the **Google Cloud Print** window, click **Share**.
  - 7 In the window to specify the printer sharing, enter the Google accounts of the users you want to invite to share the printer, and click **Share**.
-  **NOTE:** When the invited users log in to the Google Cloud Print web page, a message appears to show that the printer owner made the sharing settings. Accept the sharing invitation.

### Canceling Registration to Google Cloud Print


- 1 Launch the **Dell Printer Configuration Web Tool**, open the **Google Cloud Print** page in the **Print Server Settings** tab.
- 2 Click **Cancel Registration**.
- 3 Confirm that the button changes to **Register This Device to Google Cloud Print**.

### Printing via Google Cloud Print

The printing procedure varies depending on the application or the device you are using. You can see the application list that supports Google Cloud Print service on the Google web site.



### Printing From an Application on a Mobile Device


The following procedure uses the Google Drive application on an Android mobile device as an example.

- 1 Install the Google Drive application on your mobile device.  
 **NOTE:** You can download the application from Google Play.
- 2 Access the Google Drive application from your mobile device and select the document.
- 3 Select **Print** from the application menu.
- 4 Select your printer from the list.
- 5 Select printer options and then tap **Print**.

## Printing From Google Chrome


The following procedure uses the Google Chrome browser on the computer running a Microsoft® Windows® operating system as an example.


- 1 Open the Google Chrome browser.
- 2 Open the web page or e-mail that you want to print.
- 3 Click  or  (varies depending on the version of the Google Chrome browser) in the top right corner and then click **Print**.
- 4 Click **Change** in the **Destination** area.
- 5 Choose your printer from the Google Cloud Print area.

 **NOTE:** When your printer is registered to Google Cloud Print version 2.0, you can print the document by way of the local print with the printer in your local network. In this case, select your printer in **Local Destinations**.

- 6 Click **Print**.

## Printing From Google Chromebook

- 1 Open the web page or e-mail that you want to print.
- 2 Click  in the top right corner and then click **Print**.
- 3 Confirm that your printer is specified in the **Destination** area. If not, click **Change** and select your printer.

 **NOTE:** When your printer is registered to Google Cloud Print version 2.0, you can print the document by way of the local print with the printer in your local network. In this case, select your printer in **Local Destinations**.

- 4 Click **Print**.


## Mopria Print Service


Mopria Print Service allows any Android phone or tablet (Android version 4.4 or later) to connect and print to Mopria-certified printers without additional set up.

Firstly, download and install the Mopria Print Service app from Google Play store to your Android mobile device:

<https://play.google.com/store/apps/>

In order to print, connect your mobile device to the same network as the printer or use the Wi-Fi Direct functionality to connect your mobile device to the printer.

 **NOTE:** Mopria Print Service might be preloaded in your mobile device. If your mobile device does not have the Mopria Print Service, you can easily download it from the Google Play store. To learn more about Mopria Print Service, visit <http://www.mopria.org/>.

 **NOTE:** Make sure that **Mopria** is set to **Enable** in advance using the **Dell Printer Configuration Web Tool**. See "Setting Up Mopria Print Service on Your Printer."

## Setting Up Mopria Print Service on Your Printer

- 1 Make sure that the printer is connected to the network.
- 2 Start the **Dell Printer Configuration Web Tool**.  
See "Starting the Dell Printer Configuration Web Tool."
- 3 Click **Print Server Settings** → the **Print Server Settings** tab → **Mopria**.
- 4 Click **Enable**.

The printer is ready for Mopria Print Service.

## Printing via Mopria Print Service

- 1 Open your email, photo, web page, or document that you want to print.
- 2 Tap the menu and select **Print**.
- 3 Tap **All printers** in the menu.
- 4 Select the printer, and then set printer options.
- 5 Tap **Print**.

## Printing a Report Page

You can print a variety of settings for your printer including system settings, panel setting, and font list. For details about how to print reports or lists, see "Report / List."

## Printer Settings

You can change most of the print settings from the application you are printing from. If your printer is attached to the network, you can also change settings from the **Dell Printer Configuration Web Tool**. To launch the **Dell Printer Configuration Web Tool**, type the printer's IP address in your web browser. To find your printer's IP address, see "Verifying the IP Settings."

Settings from the application update the default system settings for the printer. Settings from the printer driver only apply to the job that you are currently sending to the printer.

If you cannot change a setting from the application, use the operator panel, the **Tool Box** or the **Dell Printer Configuration Web Tool**. Changing a system setting from the operator panel, the **Tool Box** or from the **Dell Printer Configuration Web Tool** makes that setting the user default.

You can verify the detailed system settings by printing a system settings report. For details about how to print a system settings report, see "Report / List."


You can reset settings to their default values from the **Tool Box** or the operator panel.

### Using the Operator Panel to Change the Printer Settings

You can select menu items and corresponding values from the operator panel.

When you first browse through the menus from the operator panel, you see some menu items are highlighted.

These highlighted items are the factory default and original system settings.

 **NOTE:** Factory defaults may vary for different countries.

When you select a new setting from the operator panel, the item selected is highlighted to identify it as the current user default menu setting.

These settings are active until new ones are selected or the factory defaults are restored.

Driver settings may override changes previously made and may require you to change the operator panel defaults.

### Using the Dell Printer Configuration Web Tool to Change the Printer Settings

If your printer is connected to the network, you can change the printer settings from your web browser. If you are a network administrator, you can clone the system settings of one printer to one or all the printers on the network.

Type the IP address of your printer in your web browser. Choose **Printer Settings** from the topics list. From the **Printer Settings** tab, select the **System Settings** to change the printer settings.


To change the paper type and size, choose **Tray Management** from the topics list. To change the AccessControl settings, choose **Print Volume** from the topics list, and then select the **Dell AccessControl** tab.

To copy your system settings to another printer on the network, choose **Copy Printer Settings** from the topics list, and then type the other printer's IP address.

If you do not know your printer's IP address, see the system settings report or display the TCP/IP settings. For details about how to find your printer's IP address, see "Verifying the IP Settings."



## Copying

 **NOTE:** If the Functions Control setting for Copy is set to On (Password), you need to enter the four-digit password to use the copy function. If the Functions Control setting for Copy is set to Off, the copy function is disabled and the menu is also disabled on the screen. For details, see "Functions Control."

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.



### Loading Paper for Copying

The instructions for loading paper in the paper tray are the same whether you are printing, faxing, or copying. For details about loading paper, see "Loading Print Media." For details about setting the paper type and size in the tray, see "Print Media Guidelines."

### Selecting Paper Tray

After loading the print media for copy output, select the desired paper tray to be used for the copy job.


To select the tray:

- 1 Press the  (Home) button.
- 2 Tap  → Copy.
- 3 Tap Select Tray.
- 4 Tap the desired tray, and then tap OK.  
You can select MPE, Tray1, or Tray2\*.

\* Tray2 is only available when the optional 550-sheet feeder (tray2) is installed.


### Preparing a Document

You can use the document glass or the duplex automatic document feeder (DADF) to load an original document for copying, scanning, and sending a fax. You can load up to 50 sheets of 75 g/m<sup>2</sup> (20 lb) documents for one job using the DADF or one sheet at a time using the document glass.




 **WARNING:** Avoid loading documents that are smaller than 5.5 inches by 5.5 inches (139.7 mm by 139.7 mm) or larger than 8.5 inches by 14 inches (215.9 mm by 355.6 mm), different sizes or weights together, or booklets, pamphlets, transparencies, or documents having other unusual characteristics in the DADF.

 **WARNING:** Carbon-paper or carbon-backed paper, coated paper, onion skin or thin paper, wrinkled or creased paper, curled or rolled paper, torn paper, photographs, or transparencies cannot be used in the DADF.

 **WARNING:** Do not use the documents with staples, paper clips or exposed to adhesives or solvent based materials such as glue, ink and correcting fluid in the DADF.

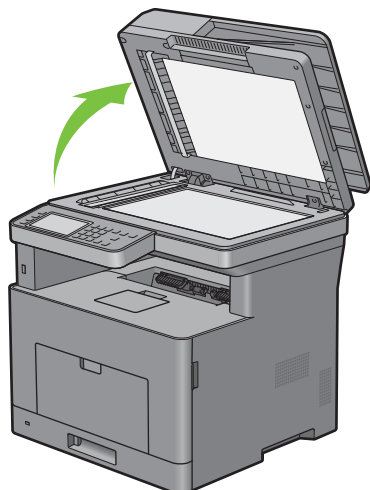
 **NOTE:** To get the best scan quality, especially for color or grayscale images, use the document glass instead of the DADF.

## Making Copies From the Document Glass

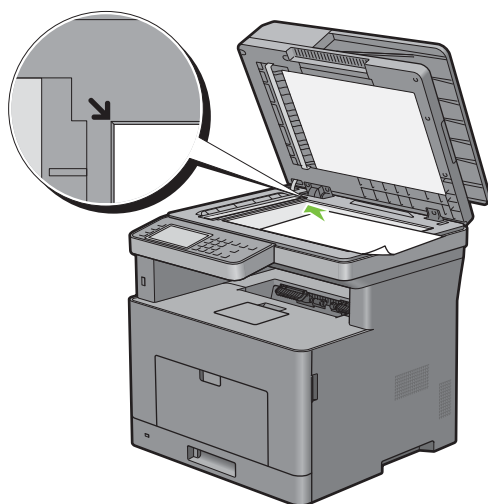
-  **NOTE:** A computer connection is not required for copying.
-  **NOTE:** Remove any documents from the DADF before copying from the document glass.
-  **NOTE:** Contaminants on the document glass may cause black spots on the copy output. For best results, clean the document glass before use. For more information, see "Cleaning the Scanner."

To make a copy from the document glass:



- 1 Lift and open the document cover.




- 2 Place the document facing down on the document glass and align it with the registration guide on the top left corner of the glass.



- 3 Close the document cover.


-  **NOTE:** Leaving the document cover open while copying may affect the copy quality and increase the toner consumption.
-  **NOTE:** If you are copying a page from a book or magazine, lift the cover until its hinges are caught by the stopper and then close the cover. If the book or magazine is thicker than 30 mm, start copying with the document cover open.

- 4 Press the  (Home) button.

To simply make a copy without changing the default copy settings, press the  (Copy) button.


- 5 Tap  → Copy.

To customize the copy settings such as **Select Tray** and **Darken/Lighten**, see "Setting Copy Options."

 **NOTE:** The copy options automatically return to their default status after the auto clear timer is expired.


- 6 Tap – or + to specify the number of copies from 1 to 99 in the **Quantity** tile.

- 7 Tap **Copy** to begin copying.

 **NOTE:** You can cancel a copy job while scanning a document by tapping **Stop**.

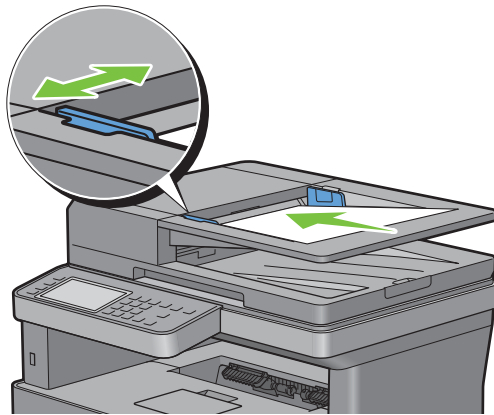
## Making Copies From the DADF


 **CAUTION:** Do not load more than 50 sheets into the DADF or allow more than 50 sheets to be fed to the document output tray. The document output tray should be emptied before it exceeds 50 sheets or your original documents may be damaged.

 **NOTE:** A computer connection is not required for copying.


 **NOTE:** Before loading the document(s) on the DADF, straighten the edges of the stack of the document(s).

- 1 Load the document(s) facing up on the DADF with top edge of the documents in first. Then adjust the document guides to the document size.




 **NOTE:** Ensure that you use the document stopper before copying a legal-size document.

- 2 Press the  (**Home**) button.

To simply make a copy without changing the default copy settings, press the  (**Copy**) button.


- 3 Tap  → Copy.

To customize the copy settings such as **Select Tray** and **Darken/Lighten**, see "Setting Copy Options."

 **NOTE:** The copy options automatically return to their default status after the auto clear timer is expired.

- 4 Tap – or + to specify the number of copies from 1 to 99 in the **Quantity** tile.


- 5 Tap **Copy** to begin copying.

 **NOTE:** You can cancel a copy job while scanning a document by tapping **Stop**.

## Setting Copy Options

Set the following options for the current copy job before tapping **Copy** to begin copying.

For details about making copies, see "Making Copies From the Document Glass" and "Making Copies From the DADF."

 **NOTE:** The copy options automatically return to their default status after the auto clear timer is expired.

Options on each tile are below:

- Copy tile
  - Quantity
  - Darken / Lighten
  - Select Tray
  - 2 Sided Copying
  - Sharpness
  - Reduce / Enlarge
  - Original Size
  - Original Type
  - Collation
  - 2-Up
  - Margin
  - Auto Exposure

### Quantity

To specify the number of copies from 1 to 99.

- 1 Tap – or + to specify the number of copies.

### Darken / Lighten

To adjust the contrast to make the copy darker or lighter than the original:

- 1 Tap **Darken/Lighten**.
- 2 Drag the desired level on the **Darken/Lighten** bar, and then tap **OK**.

You can select a contrast level from seven levels between **Darken** and **Lighten**.

Drag the indicator on the left side of the bar makes the document contrast lighter, and selecting a cell on the right side of the bar makes the document contrast darker.

<b>Darken 3</b>	Works well with light documents or faint pencil markings.
<b>Darken 2</b>	
<b>Darken 1</b>	
<b>Normal*</b>	Works well with normal typed or printed documents.
<b>Lighten 1</b>	Works well with dark documents.
<b>Lighten 2</b>	
<b>Lighten 3</b>	

\* Denotes the factory default setting.

## Select Tray

To select the tray:

- 1 Tap `Select Tray`.
- 2 Tap the desired setting, and then tap `OK`.

MPF	The paper is fed from the multipurpose feeder.
Tray1*	The paper is fed from tray1.
Tray2	The paper is fed from the optional 550-sheet feeder.

\* Denotes the factory default setting.



**NOTE:** Tray2 is only available when the optional 550-sheet feeder is installed.



**NOTE:** When `Any` is displayed as the paper size and type in the MPF, you can select the paper size and type from this menu. For details, see "Select Tray."

## 2 Sided Copying

To make duplex copies with the specified binding position:

- 1 Swipe the screen until `2 Sided Copying` appears, and then tap `2 Sided Copying`.
- 2 Tap the desired setting, and then tap `OK`.

1 → 1 Sided*	Select 1 sided or 2 sided and specify binding position for the 2 sided copy.
1 → 2 Sided	
2 → 1 Sided	
2 → 2 Sided	
Long Edge Binding	
Short Edge Binding	

\* Denotes the factory default setting.

When you are using the document glass and it is set to `1 → 2 Sided` or `2 → 2 Sided`, the display prompts you for another page after tapping `Copy`.

- a If you want to place a new document, replace the document with a new document, and then tap `Continue`.
- b If you finish copying, tap `Print Now`.



**NOTE:** When you use the DADF to copy both sides of a document, the printed position of the front and back of the document may differ if the size in the document size setting and the size of the document do not match. In this case, set `Original Size` to the same size as the document.

## Sharpness

To adjust the sharpness to make the copy image sharper or softer than the original:


- 1 Swipe the screen until Sharpness appears, and then tap Sharpness.
- 2 Tap the desired setting.

Sharpen	Makes the copy image sharper than the original.
Normal*	The clarity of the image is the same as the original.
Soften	Makes the copy image softer than the original.

\* Denotes the factory default setting.

## Reduce / Enlarge

To reduce or enlarge the size of a copied image from 25 to 400 percent when you copy original documents from the document glass or DADF:

 **NOTE:** When you make a reduced copy, black lines may appear at the bottom of your copy.

- 1 Swipe the screen until Reduce/Enlarge appears, and then tap Reduce/Enlarge.
- 2 Tap the desired setting, and then tap OK.


(Inch series)

100%*
50%
64% (Ledger→Letter)
78% (Legal→Letter)
129% (Statement→Letter)
154% (Statement→Legal)
200%

(mm series)

100%*
50%
70% (A4→A5)
81% (B5→A5)
122% (A5→B5)
141% (A5→A4)
200%

\* Denotes the factory default setting.

 **NOTE:** You can also specify the value in increments of 1 percent from 25 to 400 by tapping – or +.

## Original Size

To select the default document size:

- 1 Swipe the screen until **Original Size** appears, and then tap **Original Size**.
- 2 Tap the desired setting.

(Inch series)

Auto*
Letter (8.5x11")
Folio (8.5x13")
Legal (8.5x14")
Statement (5.5x8.5")
A4 (210x297mm)
A5 (148x210mm)
B5 (182x257mm)
Executive (7.3x10.5")

(mm series)

Auto*
A4 (210x297mm)
A5 (148x210mm)
B5 (182x257mm)
Letter (8.5x11")
Folio (8.5x13")
Legal (8.5x14")
Statement (5.5x8.5")
Executive (7.3x10.5")

\* Denotes the factory default setting.

## Original Type

To select the copy image quality:

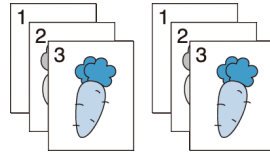
- 1 Swipe the screen until **Original Type** appears, and then tap **Original Type**.
- 2 Tap the desired setting.

Photo & Text*	Used for documents with both photos and text.
Text	Used for documents with text.
Photo	Used for documents with photos.

\* Denotes the factory default setting.

## Collation

To sort the copy output: For example, if you make two copies of three page documents, one complete three page document will be printed followed by the second complete three page document:



- 1 Swipe the screen until **Collation** appears, and then tap **Collation**.
- 2 Tap the desired setting.

<b>Auto*</b>	Only the documents loaded from DADF are copied in collated order.
<b>Collated</b>	Copies in collated order.
<b>Uncollated</b>	Does not copy in collated order.

\* Denotes the factory default setting.

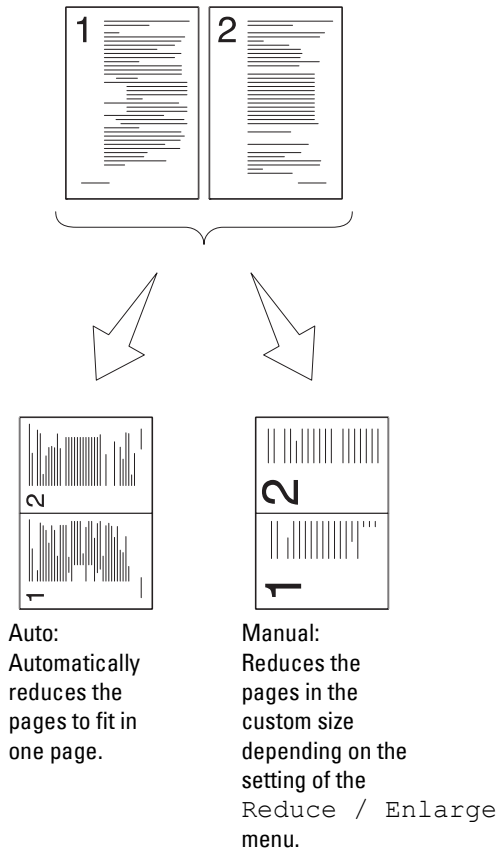
When you are using the document glass and it is set to **Collated**, the display prompts you for another page after tapping **Copy**.

- a If you want to place a new document, replace the document with a new document, and then tap **Continue**.
- b If you finish copying, tap **Print Now**.



## 2-Up

To print two original images to fit onto one sheet of paper:




- 1 Swipe the screen until 2-Up appears, and then tap 2-Up.
- 2 Tap the desired setting, and then tap OK.

Off*	Does not perform multiple-up printing.
Auto	Automatically reduces the original pages to fit onto one sheet of paper.
Manual	Prints the original pages onto the one sheet of paper in the size specified in Reduce / Enlarge.

\* Denotes the factory default setting.

When you are using the document glass and it is set to Auto or Manual, the display prompts you for another page after tapping Copy.

- a If you want to place a new document, replace the document with a new document, and then tap Continue.
- b If you finish copying, tap Print Now.

 **NOTE:** When you use the DADF to copy both sides of a document, the printed position of the front and back of the document may differ if the size in the document size setting and the size of the document do not match. In this case, set Original Size to the same size as the document.

## Margin

To specify the margins of the copy:

- 1 Swipe the screen until **Margin** appears, and then tap **Margin**.
- 2 Tap **-** or **+** to enter the desired value, and then tap **OK**.

<b>Top / Bottom</b>	<u>0.2 inch* (4 mm*)</u> Available Range: 0.0–2.0 inches (0–50 mm)	Specify the value in increments of 0.1 inch (1 mm).
<b>Left / Right</b>	<u>0.2 inch* (4 mm*)</u> Available Range: 0.0–2.0 inches (0–50 mm)	Specify the value in increments of 0.1 inch (1 mm).
<b>Middle</b>	<u>0 inches* (0 mm*)</u> Available Range: 0.0–2.0 inches (0–50 mm)	Specify the value in increments of 0.1 inch (1 mm).


\* Denotes the factory default settings.

## Auto Exposure

To suppress the background of the original to enhance text on the copy:



- 1 Swipe the screen until **Auto Exposure** appears, and then tap **Auto Exposure**.
- 2 Tap **On**.

## Using the ID Copy

 **NOTE:** If the **Functions Control** setting for **ID Copy** is set to **Disable**, the **ID copy** function is disabled and the menu is also disabled on the screen. For details, see "Functions Control."

You can copy both sides of an ID card on one side of a single sheet of paper in its original size by tapping **ID Copy** on the touch panel.

To make a copy:

- 1 Place an ID card facing down on the document glass, and close the document cover.  
For details about loading a document, see "Making Copies From the Document Glass."
- 2 Press the  (**Home**) button.
- 3 Tap  → **ID Copy**.
- 4 Specify the copy settings below as required.
  - **Quantity**
  - **Darken / Lighten**
  - **Select Tray**
  - **Sharpness**
  - **Auto Exposure**

For details, see "Setting Copy Options."



- 5 Tap **Copy** to begin copying.  
After the front side of the ID card is scanned, the display prompts you to turn over the card.
  - a To scan the back side of the ID card, turn the ID card over and tap **Continue**.
  - b To finish copying, tap **Print Now**.

## Changing the Default Settings

The default settings of the copy menu options such as `Select Tray` and `Darken/Lighten` can be set to the most frequently used modes. When you copy a document, the specified default settings are used unless they are changed by using the operator panel.


The settings on `Default Settings` will be reflected when you create a new tile. If you change the settings on `Default Settings` after creating the new tile, it does not affect the settings of the tile you created earlier. For details about creating a new tile, see "Adding a New Tile."

To create your own default settings:

- 1 Press the  (**Information**) button.
- 2 Tap the `Tools` tab, and then tap `Default Settings`.
- 3 Tap `Copy Defaults`.
- 4 Tap  until the desired menu item appears, and then tap that menu item.
- 5 Tap the desired setting or enter the value, and then tap `OK`.
- 6 Repeat steps 4 and 5 as needed.



## Scanning

 **NOTE:** If the Functions Control setting for a scan function (Scan to Email, Scan to Network Folder, Scan to Computer, or Scan to USB) is set to On (Password), you need to enter the four-digit password to use that scan function. If the Functions Control setting for a scan function is set to Off, that scan function is disabled and the menu is also disabled on the screen. For details, see "Functions Control."

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

### Scanning Overview

Use the Dell Cloud Multifunction Printer | H815dw and Dell Smart Multifunction Printer | S2815dn to turn pictures and text into editable images on your computer.

Your printer provides several ways to scan your document. There are two main scanning types. One is operated on the printer side without using the scanner driver, and the other is operated on the computer side using a software and the scanner driver. See the available features below to help you find the information you need.

- Scanning - With scanner driver
- Scanning - Without scanner driver

#### Tips for Easy Network Scanning

- Use the **Scan to Web Services on Devices (WSD)** feature if you are not familiar with the network scanning setup. The **Scan to Web Services on Devices (WSD)** feature does not require the complicated setup of the network shared folder.
- Before using the **Scan to Network Folder** feature, configure the network connection details using the **Address Book Editor** if you are not familiar with the setup using the **Dell Printer Configuration Web Tool**. The **Address Book Editor** helps to register the scanning destination details to the printer.

#### Scanning - With scanner driver

- Scan into a graphic software such as Adobe® Photoshop® using a TWAIN driver (Supporting USB and Network connections for both Microsoft® Windows® and Apple Macintosh using a graphic software)  
See "Scanning Using the TWAIN Driver."
- Scan into a Microsoft's default program such as Windows® Photo Gallery and Microsoft® Paint, using a Windows Image Acquisition (WIA) driver (Supporting USB and Network (including WSD\*) connections on Windows® only)  
\* Web Services on Devices  
See "Scanning Using the Windows Image Acquisition (WIA) Driver."
- Scan and send the scanned document to computer connected via USB cable (Supporting USB connection for both Microsoft® Windows® and Apple Macintosh)  
Using the feature of Scan to Computer on the operator panel of your printer, the scanned image is saved in the location of your computer you specify.  
See "Scanning to a Computer With a USB Connection."

## Scanning - Without scanner driver


- Scan and save the scanned document in a USB memory  
See "Scanning to a USB Memory."
- Scan and send the scanned document by e-mail  
See "Sending an E-Mail With the Scanned Image."
- Scan and send the scanned document to computer or server connected to network  
See "Scanning to a PC or Server via SMB/FTP."
- Scan and send the scanned document to a computer connected to a network using Web Services on Devices (WSD)  
See "Scanning to a Computer Connected With Web Services on Devices (WSD)."


The resolution setting to use when you scan an item depends on the item type and how you plan to use the image or document after you scan it to your computer. For the best results, use these recommended settings.



Type	Resolution
Documents	300 dpi black-and-white or 200 dpi grayscale or color
Documents of poor quality or that contain small text	400 dpi black-and-white or 300 dpi grayscale
Photographs and pictures	100–200 dpi color or 200 dpi grayscale
Images for an inkjet printer	150–300 dpi
Images for a high-resolution printer	300–600 dpi

Scanning above these recommended resolutions may exceed the capabilities of the application. If you require a resolution above those recommended in the above table, you should reduce the size of the image by previewing (or pre-scan) and cropping before scanning the image.

## Scanning to a Computer With a USB Connection

 **NOTE:** You must connect your computer via USB for selecting this feature. Network connection is not supported.

 **NOTE:** This feature is supported on both Microsoft® Windows® and OS X.

- 1 Load the document(s) facing up with top edge in first into the DADF.  
OR  
Place a single document facing down on the document glass, and close the document cover.  
For details about loading a document, see "Loading an Original Document."
- 2 Press the  (Home) button.
- 3 Tap  → Scan to Computer.
- 4 Tap Computer (via USB).
- 5 Specify scan settings such as Output Color, Resolution, File Format, 2 Sided Scanning, Darken/Lighten, Contrast, Sharpness, Auto Exposure, Original Size, Margin, and File Naming Mode. For details, see "Scan Settings."
- 6 Tap Scan to begin scanning the document.

## Changing the Location to Save the Scanned Data


On Microsoft® Windows®, use the Dell Printer Hub for Dell Cloud Multifunction Printer | H815dw or Dell Printer Management Tool for Dell Smart Multifunction Printer | S2815dn to change the output destination of the obtained image files and to select whether to open the image files using the related program. Click **Start** → **All Programs** → **Dell Printers** → **Dell Printer Hub** or **Dell Printer Management Tool**. For details, see the [FAQ](#) of the Dell Printer Hub or Dell Printer Management Tool.

On OS X, use ScanButton Manager. Click **Finder** → **Applications** → **Dell** → **Dell Cloud Multifunction Printer - H815dw** or **Dell Smart Multifunction Printer - S2815dn**, and then double-click **ScanButton Manager**.

## Scanning to a Computer Connected With Web Services on Devices (WSD)

If the printer is connected to a computer via network using Web Services on Devices (WSD), you can send scanned images to the computer.

 **NOTE:** You need to setup connection using Web Services on Devices (WSD).

 **NOTE:** Web Services on Devices (WSD) are supported only on Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, and Windows® 10. Ensure that the scanner driver is installed on your computer. See "Setting Up the Printer Using Dell Printer Easy Install (Windows® Only)" for details.


### Preparations for Scanning Using Web Services on Devices (WSD)

Setup the printer and computer for connection using Web Services on Devices (WSD).

#### Checking the Printer Setting

Make sure that the Web Services on Devices (WSD) is enabled from the operator panel of the printer or on the **Dell Printer Configuration Web Tool**. See "Port Settings" or "Protocols" for details.

#### Setting Up the Computer

 **NOTE:** For Windows® 8, Windows® 8.1, and Windows® 10, the computer automatically connects the printer using Web Services on Devices (WSD). There is no need to install the printer manually.

#### For Windows® 7:

- 1 Click **Start** → **Computer** → **Network**
- 2 Find the printer you want to use, right-click the icon for the printer, and then click **Install**. The printer is connected using Web Services on Devices (WSD).
- 3 Right-click the icon for the printer, and then click **Scan profiles**. Specify the various settings of the profile, including the **Source** where the documents are loaded.


#### For Windows Vista®:


- 1 Click **Start** → **Network**
- 2 Right-click the icon for the printer, and then click **Install**.
- 3 Click **Continue**. The printer is connected using Web Services on Devices (WSD).

### Scanning and Sending Images to the Computer Using Web Services on Devices (WSD)

- 1 Load the document(s) facing up with top edge first into the DADE.  
OR  
Place a single document facing down on the document glass, and close the document cover.  
For details about loading a document, see "Loading an Original Document."

2 Press the  (Home) button.

3 Tap  → Scan to Computer.

 **NOTE:** Whether to scan from the DADF or from the document glass can be specified in the scan profile. Make sure to specify the scan profile accordingly if you want to scan the document from the DADF.

4 Select a computer.

Swipe the screen until the desired computer you want to send the scan job to appears, and then select that computer.



5 Specify the type of scan. For details, see "Scan to Computer."




6 Tap Scan to begin sending the scanned file.

## Scanning From a Computer Using Web Services on Devices (WSD)

If the printer is connected to a computer via network using Web Services on Devices (WSD), you can scan documents from the computer.

 **NOTE:** To scan from the computer using Web Services on Devices (WSD), you need to setup connection using Web Services on Devices (WSD).

 **NOTE:** Web Services on Devices (WSD) are supported only on Windows Vista<sup>®</sup>, Windows<sup>®</sup> 7, Windows<sup>®</sup> 8, Windows<sup>®</sup> 8.1, and Windows<sup>®</sup> 10.

### Preparations for scanning from the computer

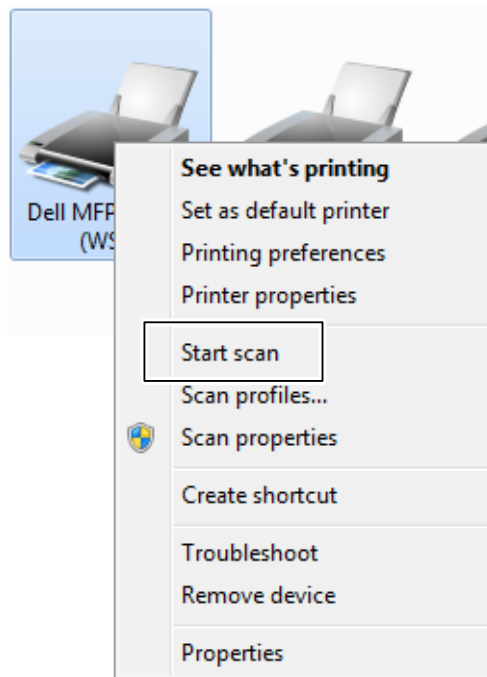
The same preparations are necessary as in scanning to a computer connected with Web Services on Devices (WSD). See "Preparations for Scanning Using Web Services on Devices (WSD)."



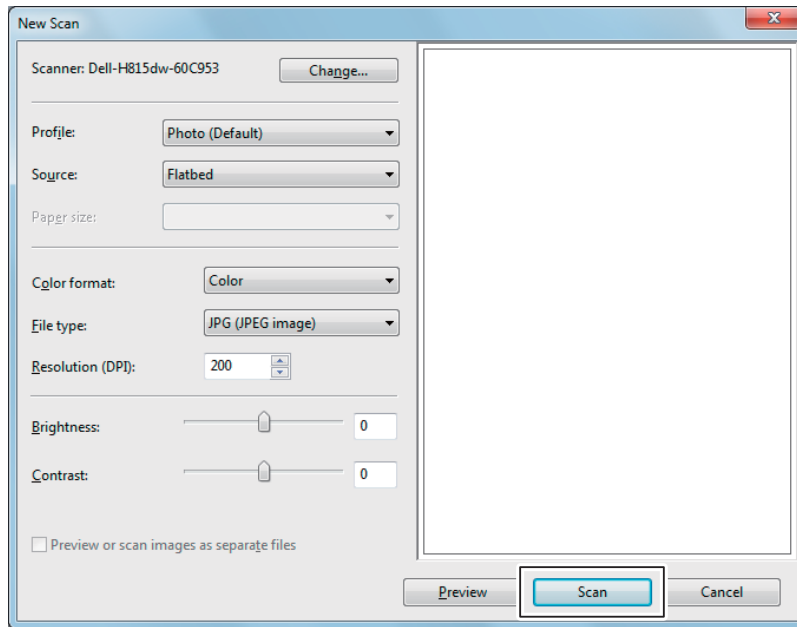
## Scanning from the computer

The following procedure uses Windows® 7 as an example.

- 1 Load the document(s) facing up with top edge in first into the DADF.  
OR  
Place a single document facing down on the document glass, and close the document cover.  
For details about loading a document, see "Loading an Original Document."
- 2 Click **Start** → **Devices and Printers** on the computer.
- 3 Right-click the printer icon of the Dell MFP H815dw or Dell MFP S2815dn, and then select **Start scan**.



- 4 Specify the necessary settings for scanning, and then click **Scan**.



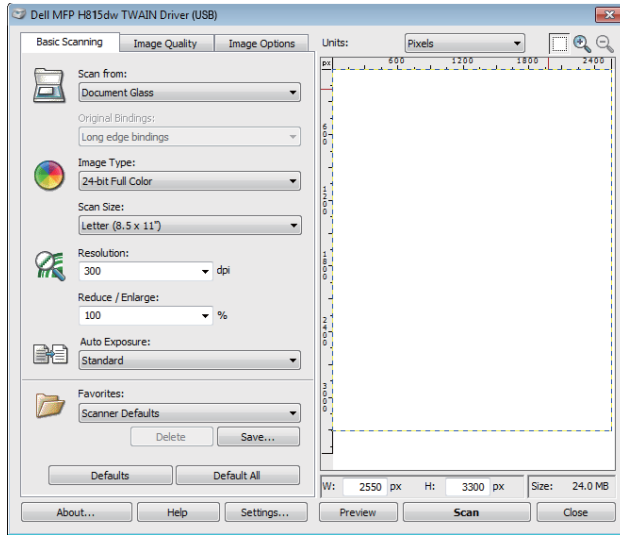
- NOTE:** When you use Windows Vista®, use the drawing software such as Microsoft® Photo Gallery, select the printer connected using the Web Services on Devices (WSD), and start scanning.
- NOTE:** To open **Devices and Printers** on Windows® 8, Windows® 8.1, Windows Server® 2012, or Windows Server® 2012 R2, right-click the bottom left corner of the screen on the Desktop screen, and then click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server® 2012/Windows Server® 2012 R2) → **Devices and Printers**.
- NOTE:** To open **Devices and Printers** on Windows® 10, right-click the Start button, and then click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.

## Scanning Using the TWAIN Driver

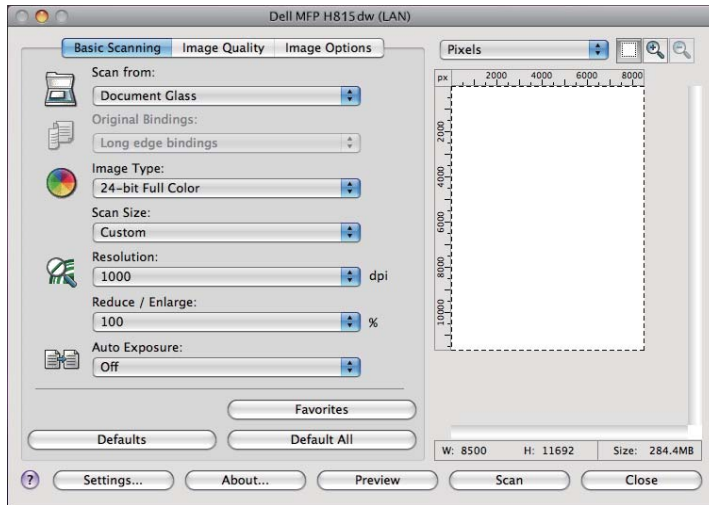
Your printer supports the TWAIN driver for scanning images that supports Microsoft® Windows Server® 2003, Windows Vista®, Windows Server® 2008, Windows Server® 2008 R2, Windows® 7, Windows® 8, Windows® 8.1, Windows Server® 2012, Windows Server® 2012 R2, Windows® 10, Apple Mac OS X 10.5, Mac OS X 10.6, Mac OS X 10.7, OS X 10.8, OS X 10.9, OS X 10.10, and works with various scanners.


- 1 Load the document(s) facing up with top edge in first into the DADF.  
OR  
Place a single document facing down on the document glass, and close the document cover.  
For details about loading a document, see "Loading an Original Document."
- 2 Start the graphic software that supports TWAIN, such as Adobe® Photoshop®.
- 3 Select the scanner from the TWAIN menu on the graphic software, specify the necessary settings, and then start scanning on the window such as shown below.  
For details on operating the graphic software, see the manuals of your software.

**For Microsoft® Windows®:**




**For Apple Macintosh:**



 **NOTE:** The screen image may vary depending on the software or the operating system.

## Scanning Using the Windows Image Acquisition (WIA) Driver

Your printer also supports the Windows Image Acquisition (WIA) driver for scanning images. Windows Image Acquisition (WIA) is one of the standard components incorporated in the recent Microsoft® Windows® operating systems and works with digital cameras and scanners. Unlike the TWAIN driver, the Windows Image Acquisition (WIA) driver allows you to scan an image and easily manipulate those images without using additional software.

 **NOTE:** The Windows Image Acquisition (WIA) driver is supported only on Windows®.

### To scan an image from the drawing software:

- 1 Load the document(s) facing up with top edge in first into the DADF.


OR

Place a single document facing down on the document glass, and close the document cover.

For details about loading a document, see "Loading an Original Document."

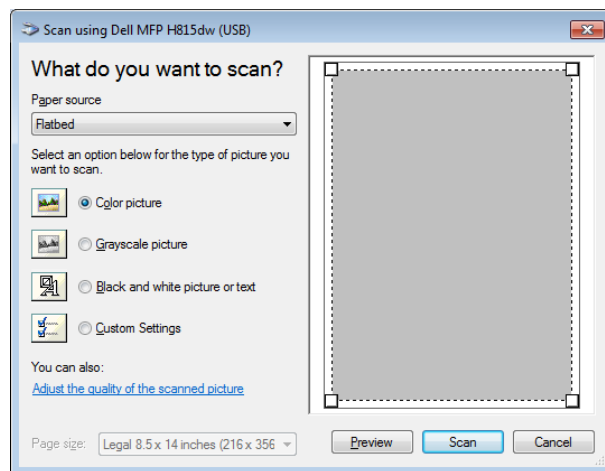
- 2 Start the drawing software, such as Microsoft® Paint for Windows®.


 **NOTE:** When you use Windows Vista® or Windows Server® 2008, use Windows® Photo Gallery instead of Microsoft® Paint.

 **NOTE:** When using applications that utilize Windows Image Acquisition (WIA) 2.0, such as Windows® Fax and Scan on Windows Vista®, Windows® 7, Windows® 8, Windows® 8.1, and Windows® 10, the **Feeder (Scan both sides)** option can be selected for duplex (two-sided) scanning.

- 3 Click **Paint** button → **From scanner or camera** (File → **Import from Scanner or Camera** for Windows® Vista or Windows Server® 2008).


The following image uses **Dell Cloud Multifunction Printer | H815dw** as an example.



 **NOTE:** The screen image may vary depending on the operating system.

- 4 Select your desired type of picture that you want to scan, and click **Adjust the quality of the scanned picture** to display the **Advanced Properties** dialog box.
- 5 Select the desired properties including brightness and contrast, and then click **OK**.
- 6 Click **Scan** to start scanning.
- 7 Click **File** → **Save** to save your scanned document in your desired location on your computer.

### To scan an image from Control Panel:


 **NOTE:** This feature is supported on Microsoft® Window Server® 2003 only.

- 1 Load the document(s) facing up with top edge in first into the DADF.  
OR

Place a single document facing down on the document glass, and close the document cover.


For details about loading a document, see "Loading an Original Document."

- 2 Click **Start**→ **Control Panel**→ **Printers and Other Hardware**→ **Scanners and Cameras**.
- 3 Double-click the scanner icon. The **Scanner and Camera Wizard** launches.
- 4 Click **Next** to display the **Choose Scanning Preferences** page.


 **NOTE:** The screen image may vary depending on the operating system.


- 5 Select your desired type of picture, paper source, and paper size, and click **Next**.
- 6 Enter a picture name, select a file format, and specify the desired location to save the scanned document.
- 7 Click **Next** to start scanning.
- 8 Follow the on-screen instructions to edit the picture after it is copied to your computer.


## Scanning With Wi-Fi Direct


 **NOTE:** The Wi-Fi Direct feature is available on the Dell Cloud Multifunction Printer | H815dw only.


This section provides information for Wi-Fi Direct scanning. Wi-Fi Direct allows your Wi-Fi mobile devices such as computers, smartphones, and tablets, to connect to the printer directly via a Wi-Fi network. With Wi-Fi Direct, you can scan documents or photos from your Wi-Fi mobile devices directly without a wireless access point.

 **NOTE:** Wi-Fi Direct is available even if the printer is connected to your wireless network.

 **NOTE:** The maximum number of devices that can be connected via the Wi-Fi Direct network is 3.

 **NOTE:** You cannot connect your mobile device to the Internet via the printer's Wi-Fi Direct network.


 **NOTE:** Depending on the mobile device, the channel used to connect the device to the printer via Wi-Fi Direct may differ from the channel used by the printer to connect to a network via Wi-Fi infrastructure mode. In such a case, simultaneous connection with Wi-Fi Direct and Wi-Fi infrastructure mode may not work properly.

 **NOTE:** The printer connected with Wi-Fi Direct supports the following protocols; LPD, Port9100, Web Services on Devices (WSD), Bonjour (mDNS), SNMPv1/v2c, Dell Printer Configuration Web Tool, TWAIN, WIA, ICA.

### Scanning via Wi-Fi Direct

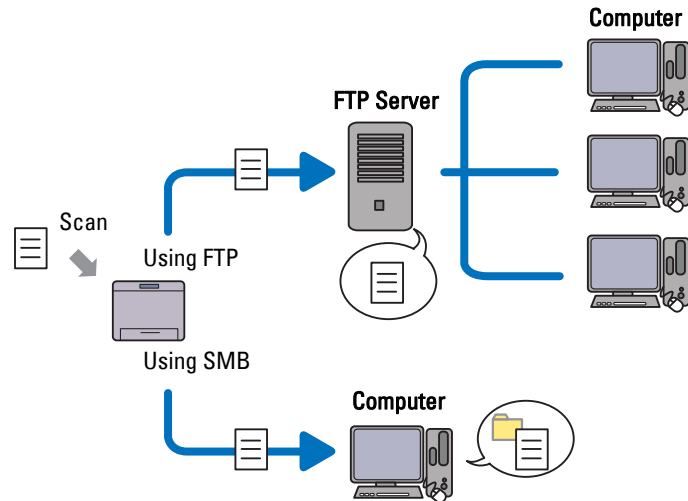
The scanning procedure varies depending on the mobile device and the application you are using. Refer to the manual supplied with your mobile device or application to scan.

## Scanning to a PC or Server via SMB/FTP

 **NOTE:** This feature does not require a network scan driver.

### Overview

The Scan to Network Folder feature allows you to send the scanned documents to a computer or FTP server.



### Required operating systems:

#### For FTP:


 **NOTE:** For information on how to configure the FTP service, refer to the manual provided with the software.

 **NOTE:** Microsoft® Windows Server® 2003, Windows Vista®, and Mac OS X 10.5 support IPv4 only.

- Microsoft® Windows Server® 2003 Service Pack 1  
FTP service of Microsoft® Internet Information Services 6.0
- Microsoft® Windows Vista®  
Microsoft® Windows Server® 2008  
FTP service of Microsoft® Internet Information Services 7.0
- Microsoft® Windows® 7  
Microsoft® Windows Server® 2008 R2  
FTP service of Microsoft® Internet Information Services 7.5
- Microsoft® Windows® 8  
Microsoft® Windows Server® 2012  
FTP service of Microsoft® Internet Information Services 8.0
- Microsoft® Windows® 8.1  
Microsoft® Windows Server® 2012 R2  
FTP service of Microsoft® Internet Information Services 8.5
- Microsoft® Windows® 10  
FTP service of Microsoft® Internet Information Services 10

- Mac OS X 10.5/Mac OS X 10.6/Mac OS X 10.7/OS X 10.8/OS X 10.9/OS X 10.10  
FTP service of Mac OS X

**For SMB:**

 **NOTE:** Microsoft® Windows Server® 2003, Mac OS X 10.5 and Mac OS X 10.6 support IPv4 only.

- Microsoft® Windows Server® 2003
- Microsoft® Windows Vista®
- Microsoft® Windows Server® 2008
- Microsoft® Windows Server® 2008 R2
- Microsoft® Windows® 7
- Microsoft® Windows® 8
- Microsoft® Windows® 8.1
- Microsoft® Windows Server® 2012
- Microsoft® Windows Server® 2012 R2
- Microsoft® Windows® 10
- Mac OS X 10.5/Mac OS X 10.6/OS X 10.9/OS X 10.10


**Procedures**


Follow the procedures below to complete the setup for the Scan to Network Folder feature.

**For FTP:**

- 1 "Adding a Scanning Destination to the Printer's Address Book"
- 2 "Sending the Scanned File on the Network Folder"

**For SMB:**

 **NOTE:** The setup for Scan to Network Folder via SMB can be configured easily with the bundled "Address Book Editor" utility. For details about Address Book Editor, see "Adding a Scanning Destination to the Printer's Address Book."

 **NOTE:** Scan to Network Folder can be also accomplished with the Web Services on Devices (WSD) function. For details about scanning using the Web Services on Devices (WSD) function, see "Scanning to a Computer Connected With Web Services on Devices (WSD)" and "Scanning From a Computer Using Web Services on Devices (WSD)."

- 1 "Setting a Login Name and a Password (SMB Only)"
- 2 "Creating a Shared Folder (SMB Only)"
- 3 "Adding a Scanning Destination to the Printer's Address Book"
- 4 "Sending the Scanned File on the Network Folder"

**Setting a Login Name and a Password (SMB Only)**

The Scan to Network Folder feature requires a user login account with a valid and non-empty password for authentication. Confirm a login user name and password.

For Microsoft® Windows®:



If you do not use a password for your user login, you need to create a password on your User Login Account with the following procedure.

***For Windows Vista® and Windows® 7:***

- 1 Click Start→ Control Panel.
- 2 Click User Accounts and Family Safety.
- 3 Click User Accounts.
- 4 Click Create a password for your account and add in a password for your user login account.

***For Windows Server® 2008:***

- 1 Click Start→ Control Panel.
- 2 Double-click User Accounts.
- 3 Click Create a password for your account and add in a password for your user login account.

***For Windows Server® 2008 R2:***

- 1 Click Start→ Control Panel.
- 2 Select User Accounts.
- 3 Click User Accounts.
- 4 Click Create a password for your account and add in a password for your user login account.

***For Windows® 8 and Windows Server® 2012:***

- 1 Point to the top or bottom right corner of the screen, and then click **Settings**.
- 2 Click Change PC settings.
- 3 Click Users.
- 4 Click Create a Password and add in a password for your user login account.

***For Windows® 8.1 and Windows Server® 2012 R2:***

- 1 Point to the top or bottom right corner of the screen, and then click **Settings**.
- 2 Click Change PC settings.
- 3 Click Accounts.
- 4 Click Sign-in options.
- 5 Click Add under Password and add in a password for your user login account.



**For Windows® 10:**

- 1 Right-click the Start button, and then click **Settings**.
- 2 Click **Accounts**.
- 3 Click **Sign-in options**.
- 4 Click **Add** under **Password** and add in a password for your user login account.

**For Mac OS X 10.5 and Mac OS X 10.6:**

- 1 Click **System Preferences**→**Accounts**.
- 2 Select **Change Password**.
- 3 Enter a password for your user login account in **New password**.
- 4 Re-enter the password in **Verify**.

**For OS X 10.9 and OS X 10.10:**

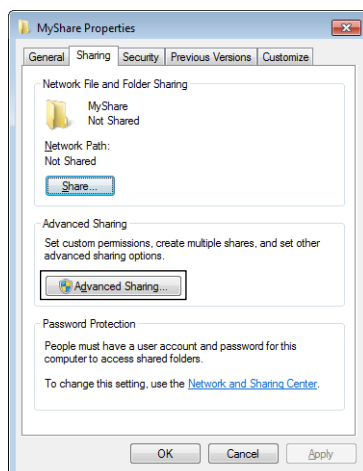
- 1 Click **System Preferences**→**Users & Groups**.
- 2 Select **Change Password**.
- 3 Enter a password for your user login account in **New password**.
- 4 Re-enter the password in **Verify**.

**Creating a Shared Folder (SMB Only)**

Create a shared folder to store the scanned document from your printer.


**For Windows Vista®, Windows Server® 2008, Windows Server® 2008 R2, Windows® 7, Windows® 8, Windows® 8.1, Windows Server® 2012, Windows Server® 2012 R2, and Windows® 10:**

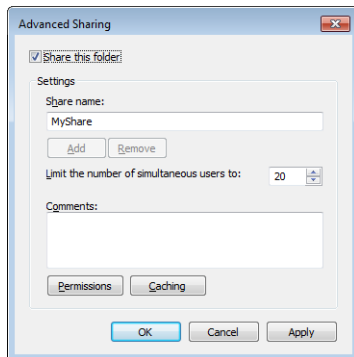
- 1 Create a folder in the desired directory on your computer (Example of folder name, MyShare).
- 2 Right-click the folder, and then select **Properties**.  
The **Properties** dialog box appears.
- 3 Click the **Sharing** tab, and then select **Advanced Sharing**.



- 4 Select the **Share this folder** check box.

5 Enter a shared name in the **Share name** box.

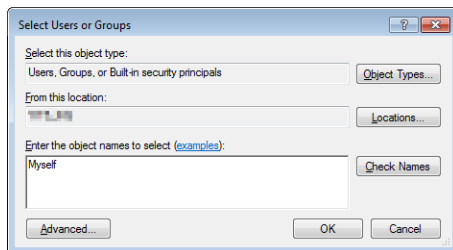
 **NOTE:** Write down the shared name as you need to use this name in the next setting procedure.



6 Click **Permissions** to create a write permission for this folder.

7 Click **Add**.

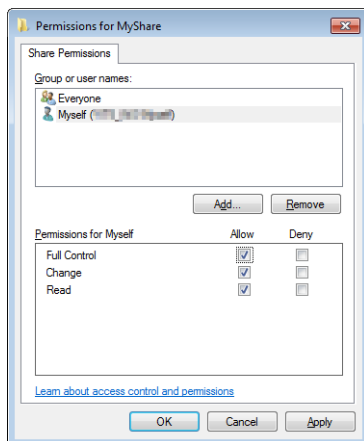
8 Search user login name by clicking **Advanced**, or enter the user login name in **Enter the object names to select** box and click **Check Names** to confirm (Example of user login name, *Myself*).



9 Click **OK**.

10 Click the user login name that you have just entered. Select **Full Control** check box. This will grant you permission to send the document into this folder.

 **NOTE:** Do not use **Everyone** as the user login name.



- 11 Click OK.



**NOTE:** To add sub-folders, create new folders in the shared folder you have created.

For example:

Folder name: MyShare, Second-level folder name: MyPic, Third-level folder name: John

You should now see MyShare\MyPic\John in your directory.

**For Mac OS X 10.5, Mac OS X 10.6, OS X 10.9, and OS X 10.10:**

- 1 Create a folder in the desired directory on your computer (Example of folder name, MyShare).
- 2 Select the created folder, and then select **Get Info** from the **File** menu.
- 3 Select the **Shared Folder** check box.
- 4 Open **System Preferences**, and then click **Sharing**.
- 5 Select the **File Sharing** check box, and then click **Options**.
- 6 Select the **Share Files and folders using SMB** and account name check boxes.
- 7 Click **Done**.

### **Adding a Scanning Destination to the Printer's Address Book**

You can register the connection details for SMB and FTP server in the address book using **Dell Printer Configuration Web Tool** or **Address Book Editor**.

Before beginning to setup a destination, make sure you have the IP addresses you need such as printer and computer.

#### **Verifying the IP Address Setting of the Printer**



To setup the server address book through the network, you will first need to locate the IP address of the printer. To find your printer's IP address, see "Verifying the IP Settings."

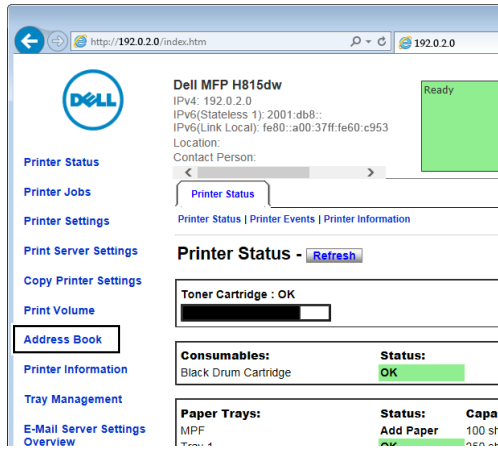
#### **Locating the IP Address Setting of Your Computer**

You can locate the IP address of your computer by the following operations.

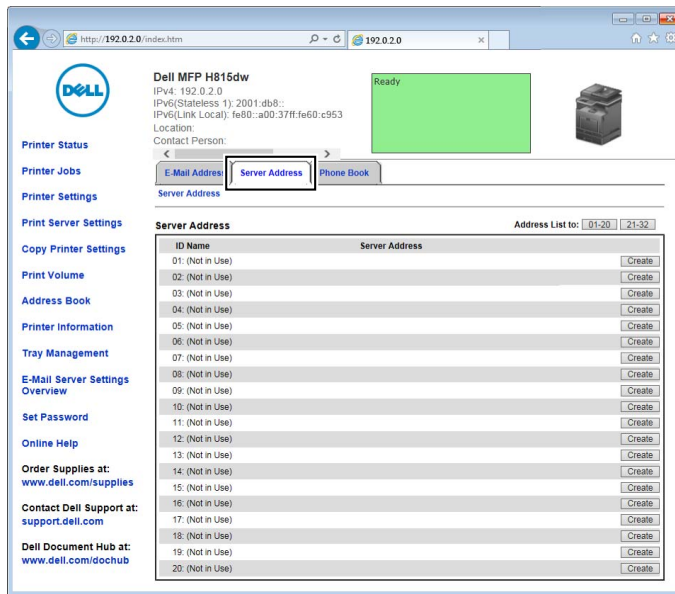
- 1 For Windows Vista®/Windows® 7:  
Click **Start**→ **All Programs**→ **Accessories**→ **Run**.  
For Windows Server® 2003/Windows Server® 2008/Windows Server® 2008 R2:  
Click **Start**→ **Run**.  
For Windows® 8/Windows® 8.1/Windows Server® 2012/Windows Server® 2012 R2:  
Point to the top or bottom right corner of the screen, and then click **Search** → Type **Run** in the search box, click **Apps** (for Windows® 8 and Windows Server® 2012 only), and then click **Run**.  
For Windows® 10:  
Right-click the **Start** button, and then click **Run**.
- 2 Type **cmd** in the text field and click **OK**. A command prompt window will open.
- 3 Type **ipconfig** and press **Enter**.
- 4 Write down the IP Address xxx.xxx.xxx.xxx.

## Using Dell Printer Configuration Web Tool

- 1 Open a web browser.
- 2 Type in the IP address of the printer in the address bar, and press the <Enter> key.  
The web page of the printer appears.  
 **NOTE:** For details on how to check the IP address of the printer, see "Verifying the IP Settings."
- 3 Click **Address Book**. If a security login dialog box appears, type in the correct **User Name** and **Password**.  
 **NOTE:** The default user name is "admin", and the default password is left blank (NULL).



- 4 Click the **Server Address** tab, and then click **Create** of an ID.



Server Address page appears.

To fill in the fields, enter the information as follows:

(1) Name	Enter a friendly name that you want to display on the Server address book.
(2) Server Type	Select <b>FTP</b> if you store document on a FTP server. Select <b>SMB</b> if you store documents in a shared folder on your computer.
(3) Server Address	Enter a FTP server name that you have shared out or a server name or IP address of your computer. <ul style="list-style-type: none"> <li>For FTP: Server name: myhost.example.com (myhost: host name, example.com: domain name) IP address: 192.0.2.1</li> <li>For SMB: Server name: myhost IP address: 192.0.2.1</li> </ul>
(4) Share Name	Enter the name of the shared folder on the recipient computer. For SMB only. <ul style="list-style-type: none"> <li>For SMB: e.g. Share, Sharefolder</li> </ul>
(5) Server Path	Enter the subdirectory path where you want the scanned document to be stored. Ensure that the subdirectory path is already created in the shared folder or FTP server. <ul style="list-style-type: none"> <li>For FTP: e.g. pub, pub/share</li> <li>For SMB: e.g. finance, finance\Peter, finance\Peter\Sales</li> </ul>
(6) Server Port Number	Enter the Server Port Number. If you are unsure, you can enter the default value of 21 for FTP or 139 for SMB.  Available ports are: FTP: 21, 5000 - 65535 SMB: 139, 445, 5000 - 65535
(7) Login Name	Enter the user account name to allow access to a shared folder on your computer or to a FTP server. <ul style="list-style-type: none"> <li>For FTP: Contact the system administrator.</li> <li>For SMB: Windows<sup>®</sup> login name that you have specified in the procedure 1.</li> </ul>
(8) Login Password	Enter the password corresponding to the above login name. <ul style="list-style-type: none"> <li>For FTP: Contact the system administrator</li> <li>For SMB: Empty password is not valid in the Network (Computer) feature. Ensure that you have a valid password for the user login account. (See "Setting a Login Name and a Password (SMB Only)" for details on how to add a password in your user login account.)</li> </ul>

---

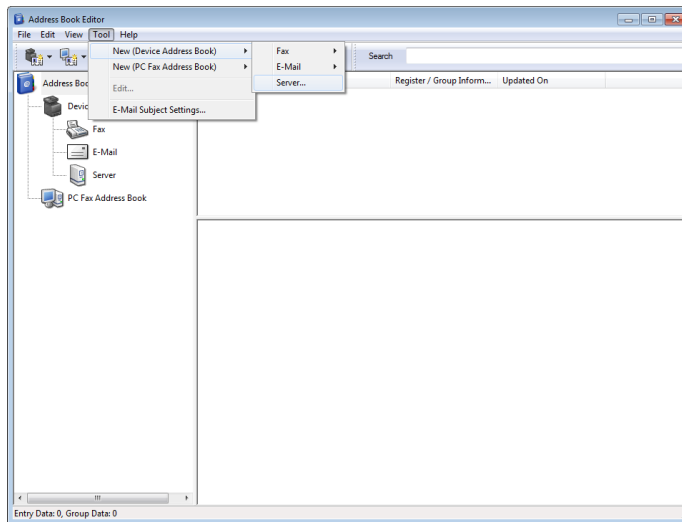
(9) Re-enter Password                      Re-enter your password.

---

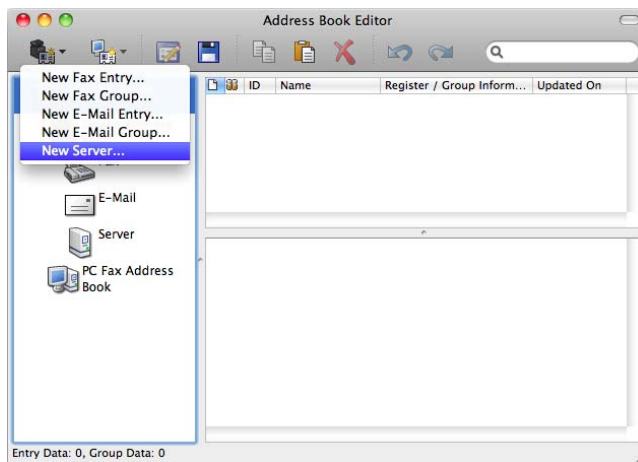
### Using Address Book Editor

- 1 Click Start → All Programs → Dell Printers → Dell Printer Hub or Dell Printer Management Tool.  
For Windows® 10: Click the Start button → Dell Printer Hub or Dell Printer Management Tool.
- 2 For Dell Printer Hub, select the printer from My Printers on the home screen.  
For Dell Printer Management Tool, select the printer displayed by default, or another printer from the drop-down list on the upper-right corner of the home screen.
- 3 Click the shortcut to the Address Book Editor on the left of the screen.
- 4 Click Tool→ New (Device Address Book)→ Server.

### For Microsoft® Windows®:

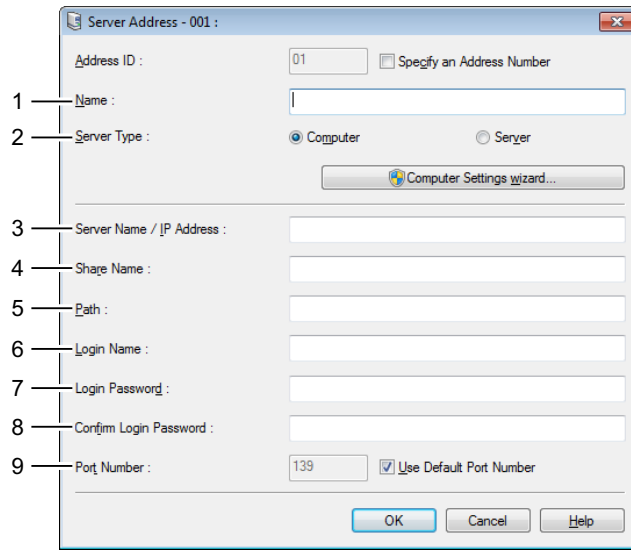


### For Apple Macintosh:

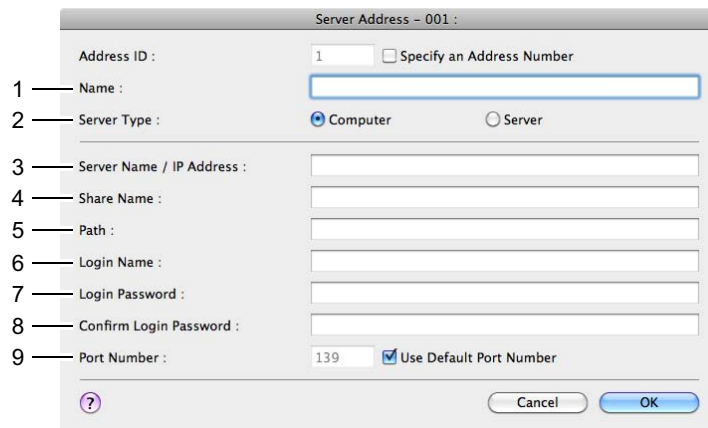


Server Address dialog box appears.

**For Microsoft® Windows®:**



**For Apple Macintosh:**






To fill in the fields, enter the information as follows:

(1) Name	Enter a friendly name that you want to display on the Server address book.
(2) Server Type	Select <b>Computer</b> if you store documents in a shared folder on your computer. Select <b>Server</b> if you store documents on a FTP server.
(3) Server Name/IP Address	Enter a server name or IP address of your computer or the FTP server name that you have shared out. The following are examples: <ul style="list-style-type: none"> <li>For Computer: Server name: myhost IP address: 192.0.2.1</li> <li>For Server: Server name: myhost.example.com (myhost: host name, example.com: domain name) IP address: 192.0.2.1</li> </ul>

(4) Share Name	Enter the name of the shared folder on the recipient computer. For SMB only. <ul style="list-style-type: none"> <li>• For SMB: e.g. Share, Sharefolder</li> </ul>
(5) Path	Enter the subdirectory path where you want the scanned document to be stored. Ensure that the subdirectory path is already created in the shared folder or FTP server. <ul style="list-style-type: none"> <li>• For FTP: e.g. pub, pub/share</li> <li>• For SMB: e.g. finance, finance\Peter, finance\Peter\Sales</li> </ul>
(6) Login Name	Enter the user account name to allow access to a shared folder on your computer or to a FTP server. <ul style="list-style-type: none"> <li>• For Computer: Windows® login name that you have specified in the procedure 1.</li> <li>• For Server: Contact the system administrator.</li> </ul>
(7) Login Password	Enter the password corresponding to the above login name. <ul style="list-style-type: none"> <li>• For Computer: Empty password is not valid in the Network (Computer) feature. Ensure that you have a valid password for the user login account. (See "Setting a Login Name and a Password (SMB Only)" for details on how to add a password in your user login account.)</li> <li>• For Server: Contact the system administrator.</li> </ul>
(8) Confirm Login Password	Re-enter your password.
(9) Port Number	Enter the Server Port Number. If you are unsure, you can enter the default value of 139 for Computer and 21 for FTP server. Available ports are: For Computer: 139, 445, 5000 - 65535 For Server: 21, 5000 - 65535

### **Sending the Scanned File on the Network Folder**

- 1 Load the document(s) facing up with top edge in first into the DADF.  
OR  
Place a single document facing down on the document glass, and close the document cover.  
For details about loading a document, see "Loading an Original Document."
- 2 Press the  (Home) button.
- 3 Tap  → Scan to Network Folder.
- 4 Tap and select the desired address. When you cannot find the address, tap Address Book and select the desired address.
- 5 Tap  and specify scan settings such as Output Color, Resolution, File Format, 2 Sided Scanning, Darken/Lighten, Contrast, Sharpness, Auto Exposure, Original Size, Margin, and File Naming Mode. For details, see "Scan Settings."
- 6 Tap Scan to begin scanning and sending the file.



## Scanning to a USB Memory


The Scan to USB feature allows you to store scanned image directly to a USB memory attached to the printer without using software.


### Types of a USB Memory

You can use a USB memory with the following interfaces:

- USB 1.1
- USB 2.0


The USB memory must be formatted in FAT file systems (FAT16, FAT32, or VFAT) before inserting the memory device into the front USB port of the printer.

 **NOTE:** If the USB memory is formatted in a file system other than above, the printer may not recognize that the USB memory is attached.

 **NOTE:** A USB memory with authentication feature and some brands of USB memories cannot be used with this printer.

### Procedures

To store the scanned images to a USB memory:



 **NOTE:** If you insert a USB memory to the front USB port first, the **USB Drive Detected** screen may appear. In this case, select **Scan to USB**, and proceed to step 6.

- 1 Load the document(s) facing up with top edge in first into the DADF.

OR

Place a single document facing down on the document glass, and close the document cover.

For details about loading a document, see "Loading an Original Document."

- 2 Press the  (**Home**) button.
- 3 Insert a USB memory into the front USB port of the printer. See "Inserting and Removing a USB Memory" for more details.
- 4 Tap **Scan to USB**.
- 5 Tap  and specify scan settings such as **Output Color**, **Resolution**, **File Format**, **2 Sided Scanning**, **Darken/Lighten**, **Contrast**, **Sharpness**, **Auto Exposure**, **Original Size**, **Margin**, and **File Naming Mode**. For details, see "Scan Settings."


You can also specify the folder to save the scanned image. For details, see "Specifying a Folder to Save the Scanned Image."


- 6 Tap **Scan** to begin scanning the document.
- 7 Remove the USB memory from the printer. See "Inserting and Removing a USB Memory" for more details.


### Specifying a Folder to Save the Scanned Image

To save the scanned image to a folder in the USB memory, specify the folder before executing the scan job.

- 1 If a folder has already existed in the USB memory, the folder name appears on the display.
- 2 Select a folder to save the scanned image.

 **NOTE:** The default saving location is the root directory of the USB memory.

 **NOTE:** You cannot directly enter a folder path using the numeric keypad.

 **NOTE:** You can select any folder in the USB memory but cannot create a new folder in this step. You should always create a new folder before connecting the memory to the printer.

If the name of the scanned image has already existed in the folder, the printer automatically generate a new file name to save the data.

## Sending an E-Mail With the Scanned Image

You can send the scanned image as an e-mail attachment using the **Scan to Email** function. To send an e-mail, an e-mail account is necessary such as the corporate mail account or the Internet service provider's mail account. Gmail account can be used as well.


The following are the procedures necessary to setup Scan to E-mail function.


- "Preparing the Printer to Send the E-Mail"
- "Setting the DNS Server Address"
- "Setting the Information Necessary to Access the Mail Server"
- "Setting the Administrator's E-mail Address"


### Preparing the Printer to Send the E-Mail

To send an e-mail from your printer, the following information is necessary:

- E-mail account (user account) information
- E-mail sever information

 **NOTE:** For information of your e-mail account or the mail server, consult your network administrator or your Internet service provider.

 **NOTE:** When the printer is connected to the network which is using a proxy server, the printer may not be able to send the e-mail. In this case, consult your network administrator.

 **NOTE:** The preparations described below are effective while the e-mail account information is valid. You do not have to repeat the settings whenever you send the e-mail.

### Setting the DNS Server Address

To set the DNS server address to your printer, follow the steps below:


- 1 Launch the **Dell Printer Configuration Web Tool**.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Click **Print Server Settings**.
- 3 Click **TCP/IP**.
- 4 If you are using DHCP for TCP/IP setting for the printer:  
Set **Get DNS Server Address from DHCP** to **Enable**.  
  
If you are setting TCP/IP manually:  
Set **Manual DNS Server Address**.
- 5 Click **Apply New Settings**.

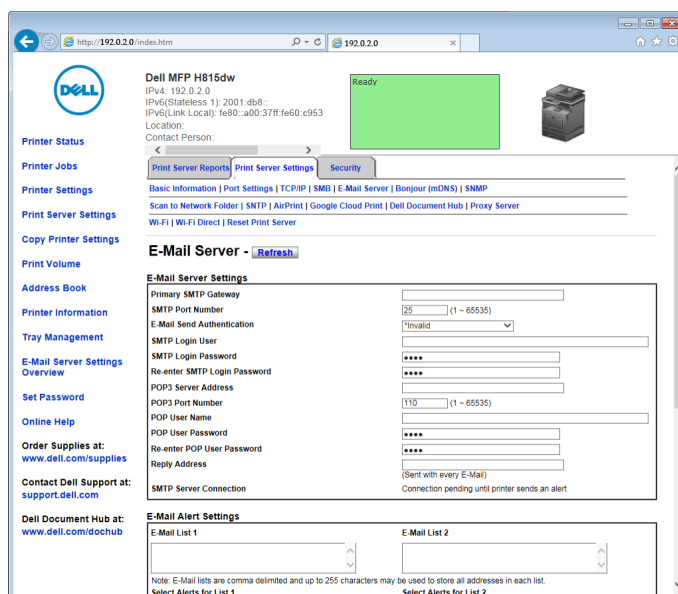
## Setting the Information Necessary to Access the Mail Server

To make the printer to send an e-mail, follow the steps below:

- 1 Launch the Dell Printer Configuration Web Tool.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Click E-Mail Server Settings Overview.
- 3 Set the mail server information under E-Mail Server.

 **NOTE:** In this procedure, the server settings for a Gmail account are used as an example. The server settings will differ for each e-mail service.


 **NOTE:** Information about the Gmail account is based on the information as of October 2013. For the latest information, visit the homepage of Gmail.



The screenshot shows the Dell MFP H815dw configuration web tool interface. The main content area is titled "E-Mail Server" and contains the following sections:

- E-Mail Server Settings:**
  - Primary SMTP Gateway: [Text box]
  - SMTP Port Number: [Text box] (1 - 65535)
  - E-Mail Send Authentication: [Dropdown menu] (Invalid)
  - SMTP Login User: [Text box]
  - SMTP Login Password: [Text box] (\*\*\*\*)
  - Re-enter SMTP Login Password: [Text box] (\*\*\*\*)
  - POP3 Server Address: [Text box]
  - POP3 Port Number: [Text box] (110) (1 - 65535)
  - POP User Name: [Text box]
  - POP User Password: [Text box] (\*\*\*\*)
  - Re-enter POP User Password: [Text box] (\*\*\*\*)
  - Reply Address: [Text box] (Sent with every E-Mail)
  - SMTP Server Connection: [Text box] (Connection pending until printer sends an alert)
- E-Mail Alert Settings:**
  - E-Mail List 1: [Text box]
  - E-Mail List 2: [Text box]

Note: E-Mail lists are comma delimited and up to 255 characters may be used to store all addresses in each list. Select Alerts for List 1. Select Alerts for List 2.

- a In the Primary SMTP Gateway text box, set the primary SMTP gateway.  
For example: smtp.gmail.com
  - b In the SMTP Port Number text box, enter the SMTP port number. This must be between 1 and 65535.
  - c In the E-Mail Send Authentication drop-down menu, specify the authentication method for outgoing e-mail.  
For example: SMTP\_Auth (Auto)
  - d In the SMTP Login User text box, set the SMTP login user. Up to 63 alphanumeric characters, periods, hyphens, underscores, and at symbols (@) can be used. If specifying more than one address, separate them using commas.  
For example: aaaa@gmail.com
-  **NOTE:** It is not advisable to share a personal e-mail account with others for Scan to Email function. Instead, use the e-mail account dedicated for Scan to Email function.
- e In the SMTP Login Password text box, set the SMTP account password using up to 31 alphanumeric characters.
  - f In the Re-enter SMTP Login Password text box, enter the login password again to confirm it.


- g** In the **POP3 Server Address** text box, enter the POP3 server address in IP address format of "aaa.bbb.ccc.ddd" or as a DNS host name using up to 63 characters.\*<sup>1</sup>
- h** In the **POP3 Port Number** text box, enter the POP3 server port number. This must be between 1 and 65535.\*<sup>1</sup>
- i** In the **POP User Name** text box, set the POP3 account user name. Up to 63 alphanumeric characters, periods, hyphens, underscores, and at symbols (@) can be used. If specifying more than one address, separate them using commas.\*<sup>1</sup>
- j** In the **POP User Password** text box, enter the POP3 account password using up to 31 alphanumeric characters.\*<sup>1</sup>
- k** In the **Re-enter POP User Password** text box, enter the POP user password again to confirm it.\*<sup>1</sup>
- l** In the **Reply Address** text box, enter the reply e-mail address sent with each **E-Mail Alert**.

\*<sup>1</sup> Required to enter if you select **POP before SMTP (Plain)** or **POP before SMTP (APOP)** for **E-Mail Send Authentication**.

**4** Click **Apply New Settings**.

If SMTP authentication is selected for **E-Mail Send Authentication** and if SSL/TLS encryption is used to communicate with the SMTP sever, the SSL/TLS type must be set in **SMTP-SSL/TLS Communication of SSL/TLS** under the **Security** tab. Proceed to step 5.


If SSL/TLS is not used or if "Invalid", "POP before SMTP (Plain)", or "POP before SMTP (APOP)" is selected for **E-Mail Send Authentication**, the mail server settings are complete.

 **NOTE:** To send an e-mail through Gmail, set the SSL/TLS type should be set to **STARTTLS** in **SMTP-SSL/TLS Communication of SSL/TLS** under the **Security** tab.

**5** Click **Security** tab.

**6** Select **SSL/TLS**.

**7** Select a SSL/TLS type from the **SMTP-SSL/TLS Communication** list.

 **NOTE:** To use a Gmail account, select **STARTTLS**.

**8** Click **Apply New Settings**.

### Setting the Administrator's E-mail Address

To make the printer to set an administrator's e-mail address, follow the steps below:

**1** Launch the **Dell Printer Configuration Web Tool**.

- a** Open the web browser.
- b** Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."

**2** Click **Print Server Settings**.

**3** Click **Basic Information**.

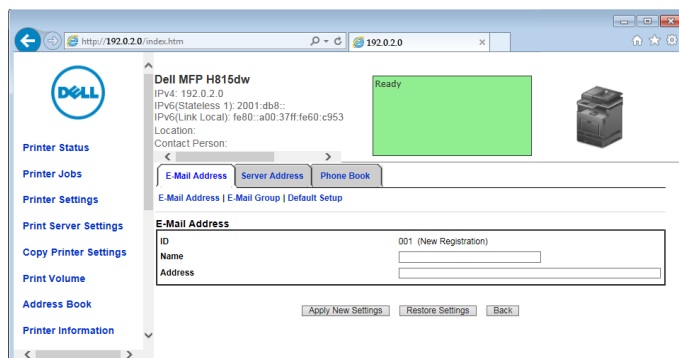
**4** Set administrator's e-mail address in the **Administrator E-Mail Address** text box. Up to 63 alphanumeric characters, periods, hyphens, underscores, and at symbols (@) can be used.

**5** Click **Apply New Settings**.

## Adding a New E-Mail Address to the Printer's Address Book

- 1 From the Dell Printer Configuration Web Tool, click **Address Book**, and then click the **E-Mail Address** tab.
- 2 Click **Create**.

The E-Mail Address page for registering a new e-mail address appears.



- 3 Enter the following:
  - Name
  - Address
- 4 Click **Apply New Settings**.

## Sending an E-mail With the Scanned File

- 1 Press the (Home) button.
- 2 Tap → Scan to Email.
- 3 Specify a recipient from the following:

Enter Recipient's Address: Enter an e-mail address directly.

Sender: Select from the following types of selecting sender's e-mail address:

- Keyboard: Select an e-mail address from using keyboard.
- Address Book: Select a group of e-mails registered in the address book.
- Network Address Book: Search an e-mail address from the LDAP server address book.

**NOTE:** The sender's e-mail address cannot be edited when the remote authentication is used as the user authentication method on the Dell Smart Multifunction Printer | S2815dn.

Address Book: Select from the following types of address books:

- Individuals: Select an e-mail address registered in the address book.
- Groups: Select a group of e-mails registered in the address book.
- Network Address Book: Search an e-mail address from the LDAP server address book.

Tap + and the recipient you specified from Enter Recipient's Address to remove or edit the recipient.


Tap + and the recipient you specified from Address Book to remove or see details of the recipient. You can also change the e-mail to Bcc.

**NOTE:** For more information on address book and server address book, see "Address Book Editor (for Microsoft® Windows® and OS X)."

**NOTE:** For details about Network Address Book, see "Using the Server Address Book and Server Phone Book."



**NOTE:** The e-mail addresses needs to be registered before you can select Address Book.

- 4 Tap  and specify scan settings such as Output Color, Resolution, File Format, 2 Sided Scanning, Darken/Lighten, Contrast, Sharpness, Auto Exposure, Original Size, Margin, and File Naming Mode. For details, see "Scan Settings."
- 5 Tap Send to begin scanning the document and sending an e-mail with the scanned file.

## Managing the Scanner

You can select the port connected to the computer or set the password for the scanner from the TWAIN driver. Open the application that supports TWAIN, and click **Settings** in the scanning window.

### Port Settings

When the printer is connected to the computer directly by a USB cable, select **USB**.

When the printer is connected to the network, select **Network**. Enter the IP address or hostname of the printer in the **IP Address** or **Hostname** text box, and click **OK**.

### When the printer is connected to the network

When you are using DHCP for TCP/IP setting for the printer, the image capturing software may not find the scanner occasionally due to the change of the IP address allocated for the printer. In this case, check the IP Address of the printer, and then connect the scanner by specifying the IP address.

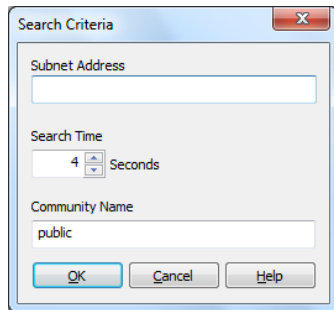
On Microsoft® Windows®, you can check the IP address of the printer using the **Dell Printer Hub** or **Dell Printer Management Tool**. For **Dell Printer Hub**, select the printer from **My Printers**, and then click **Printer information** on the left of the screen. For **Dell Printer Management Tool**, select the printer from the drop-down list on the upper-right of the screen, and then click **Printer information** on the left.

### Searching the scanner

In the **Port Settings** tab, you can search the scanners from the network and select the desired one from the detected scanners.

- **Search all scanners from the network** (Windows® only)  
Searches scanners in your network.
- **Scanner List**  
Displays a list of scanners that are detected.
- **Search again**  
Searches the scanners in your network.
- **Search Criteria** (Windows® only)  
Displays the **Search Criteria** dialog box for setting the search condition.

## Search Criteria Dialog Box (Windows® only)

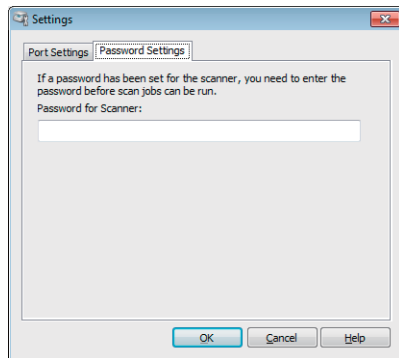


- **Subnet Address**  
Enter the subnet address.
  - IPv4: Broadcast Address such as "192.0.2.1"
  - IPv6: Multicast Address such as "2001:db8::"
- **Search Time**  
Specify a time period for searching a scanner.
- **Community Name**  
Enter the SNMPv1/v2 community name. The default community name is "public."

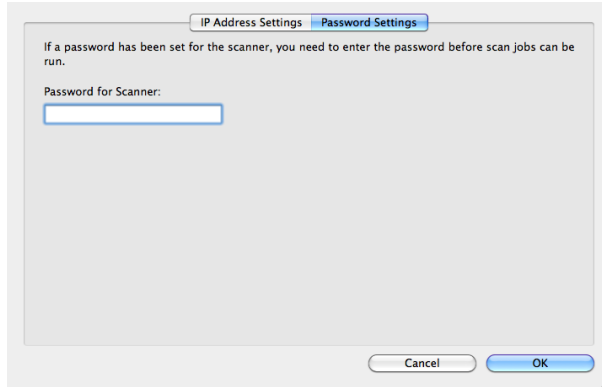
## Password Setting

In the **Password for Scanner** text box of the **Password Setting** tab, you can input the password that is set for your scanner to access from your computer to the printer.

**For Microsoft® Windows®:**






**For Apple Macintosh:**



- **Password for Scanner**  
Enter the password.



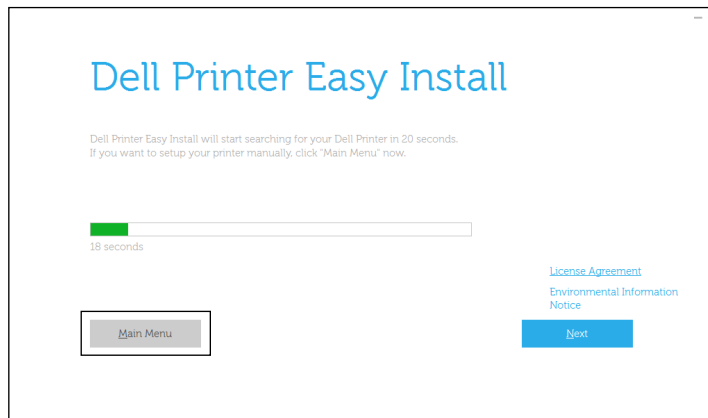
## Faxing

-  **NOTE:** If the Functions Control setting for Fax is set to On (Password), you need to enter the four-digit password to use the fax function. If the Functions Control setting for Fax is set to Off, the fax function is disabled and the menu is also disabled on the touch panel. For details, see "Functions Control."
-  **NOTE:** If the Panel Lock Control is set to Enable, you need to enter the four-digit password to enter the Admin Settings menu.
-  **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

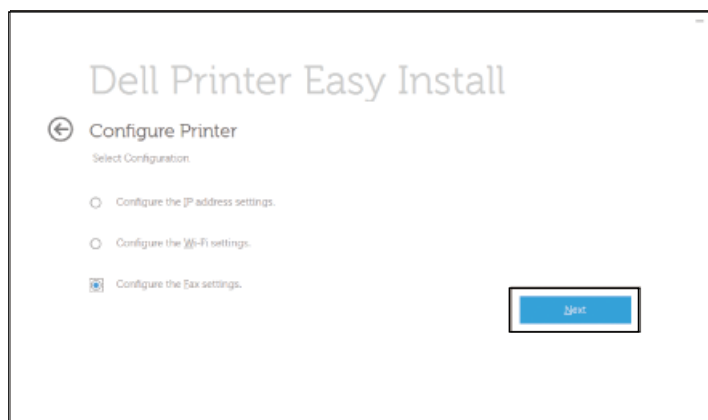
### Specifying the Fax Initial Settings Using the Dell Printer Easy Install

You can specify the country, line type, tone/pulse, receive mode, DRPD pattern, fax header name, and fax number.

- 1 Insert the *Software and Documentation* disc provided with the printer into your computer. The Dell Printer Easy Install program launches automatically.
- 2 Click Main Menu.




- 3 Click Change.  
The Configure Printer window appears.
- 4 Select Configure the Fax settings, and then click Next.




- 5 Follow the instructions displayed on the screen.

Available settings are:


- Country
- Line Type
- Tone/Pulse
- Receive Mode
- DRPD Pattern  
(This setting is available only when a distinctive ring service is installed on your telephone line by your telephone company.)
- Fax Header Name
- Fax Number

 **NOTE:** To make initial settings from the printer operator panel, see "Setting Your Country."

## Setting Your Country


- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Fax Settings.
- 4 Tap Fax Line Settings.
- 5 Tap Country.
- 6 Select the country where the printer is used, and then tap OK.



The printer must be rebooted after you set the country settings. When a screen prompting you to reboot the printer, tap Yes. After the reboot, the Home screen is displayed on the touch panel.

 **NOTE:** When you configure the country setting, the information, which is registered to the printer, is initialized.

## Setting the Printer ID

In most countries, you are required by law to indicate your fax number on any fax you send. The printer ID, containing your telephone number and name or company name, will be printed at the top of each page sent from your printer.


- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Fax Settings.
- 4 Tap Fax Line Settings.
- 5 Tap Fax Number.
- 6 Enter your fax number using the number pad, and then tap OK.

 **NOTE:** If you make a mistake while entering numbers, press the  button to delete the last digit.




- 7 Tap Fax Header Name.
- 8 Enter your name or company name using the keyboard, and then tap OK.


For details on how to use the keyboard to enter alphanumeric characters, see "Using the Keyboard Displayed on the Touch Panel."

## Setting the Time and Date

 **NOTE:** It may be necessary to reset the correct time and date if loss of power to the printer occurs.


To set the time and date:

- 1 Press the  (**Information**) button.
- 2 Tap the **Tools** tab, and then tap **Admin Settings**.
- 3 Tap **System Settings**.
- 4 Tap **General**.
- 5 Tap **Date & Time**.
- 6 Tap **Time Zone**.
- 7 Tap  until the desired geographic region appears, and then select that region.
- 8 Tap  until the desired time zone appears, and then select that time zone.
- 9 Tap **OK**.
- 10 Tap **Date**.
- 11 Tap **-** or **+** or enter the date using the number pad, and then tap **OK**.
- 12 Tap **Time**.
- 13 Enter the time using the number pad.
- 14 Tap **OK**.

 **NOTE:** The printer beeps and does not allow you to proceed to the next step if a wrong number is entered.



## Changing the Clock Mode

You can set the current time using either the 12-hour or the 24-hour format.


- 1 Press the  (**Information**) button.
- 2 Tap the **Tools** tab, and then tap **Admin Settings**.
- 3 Tap **System Settings**.
- 4 Tap **General**.
- 5 Tap **Date & Time**.
- 6 Tap **Time**.
- 7 Tap **12 Hour** or **24 Hour**, and then tap **OK**.

## Setting Sounds

### Speaker Volume


- 1 Press the  (**Information**) button.
- 2 Tap the **Tools** tab, and then tap **Admin Settings**.
- 3 Tap **Fax Settings**.
- 4 Tap **Fax Line Settings**.
- 5 Tap  until **Line Monitor** appears, and then tap **Line Monitor**.
- 6 Select the desired volume, and then tap **OK**.
- 7 Turn off the printer, and turn it on again to apply the settings.

## Ringer Volume

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Fax Settings.
- 4 Tap Incoming Defaults.
- 5 Tap Ring Tone Volume.
- 6 Select the desired volume, and then tap OK.
- 7 Turn off the printer, and turn it on again to apply the settings.

## Specifying the Fax Settings Options

### Changing the Fax Settings Options



- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Fax Settings.
- 4 Select the desired menu.
- 5 Select the desired setting or enter a value.  
To enter a value, tap – or +, or use the number pad or the keyboard.
- 6 Tap OK.  
If necessary, repeat steps 4 through 6.

### Available Fax Settings Options

You can use the following settings options for configuring the fax system:


Option	Description
Fax Line Settings	
Fax Number	Specifies the fax number of the printer, which will be printed on the header of faxes. This feature is available when you set Fax Header to On. The number specified in Fax Number is used in the printer ID.
Country	You can select the country where the printer is used. You can change this setting when: <ul style="list-style-type: none"><li>• No jobs in operation</li><li>• No fax jobs waiting in the memory</li></ul>
Fax Header Name	Specifies the sender's name to be printed on the header of faxes.
Line Type	You can select the default line type. <ul style="list-style-type: none"><li>• PSTN</li><li>• PBX</li></ul>
Line Monitor	Sets the volume of the line monitor, which audibly monitors a transmission through the internal speaker until a connection is made.


Option	Description
DRPD Pattern	<p>Before using the Distinctive Ring Pattern Detection (DRPD) option, distinctive ring service must be installed on your telephone line by the telephone company. After the telephone company has provided a separate number for faxing with a distinctive ring pattern, configure the fax setup to monitor for that specific ring pattern.</p>
Incoming Defaults	<p><b>Receive Mode</b></p> <p>You can select the default fax receiving mode.</p> <ul style="list-style-type: none"> <li>• <b>Telephone</b> (manual receive mode): Automatic fax reception is turned off. You can receive a fax by picking up the handset of the external telephone and then pressing the remote receive code, or by tapping <b>Manual Receive</b> in <b>On Hook</b> and then tapping <b>Receive</b>. For details about <b>Manual Receive</b>, see "Receiving a Fax Manually in the Telephone Mode."</li> <li>• <b>Fax</b>: (automatic receive mode)</li> <li>• <b>Telephone / Fax</b>: When the printer receives an incoming fax, the external telephone rings for the time specified in <b>Auto Rec Fax/Tel</b>, and then the printer automatically receives a fax. If an incoming call is not a fax, the printer beeps from the internal speaker indicating that the call is a telephone call.</li> <li>• <b>Ans Machine/Fax</b>: The printer can share a telephone line with an answering machine. In this mode, the printer will monitor the fax signal and pick up the line if there are fax tones. If the phone communication is using serial transmission in your country (such as Germany, Sweden, Denmark, Austria, Belgium, Italy, France and Switzerland), this mode is not supported.</li> <li>• <b>DRPD</b>: Before using the Distinctive Ring Pattern Detection (DRPD) option, distinctive ring service must be installed on your telephone line by the telephone company. After the telephone company has provided a separate number for faxing with a distinctive ring pattern, configure the fax setup to monitor for that specific ring pattern.</li> </ul>
Ring Tone Volume	<p>Sets the volume of the ring tone, which indicates that an incoming call is a telephone call through the internal speaker when <b>Receive Mode</b> is set to <b>Telephone / Fax</b>.</p>
Auto Receive Setup	<p><b>Auto Receive Fax</b></p> <p>Sets the interval at which the printer goes into the fax receive mode after receiving an incoming call. The interval can be specified within the range of 0 to 255 seconds. The default is 0 second.</p> <hr/> <p><b>Auto Receive Tel/Fax</b></p> <p>Sets the interval at which the printer goes into the fax receive mode after the external telephone receives an incoming call. The interval can be specified within the range of 0 to 255 seconds. The default is 6 seconds.</p> <hr/> <p><b>Auto Receive Ans/Fax</b></p> <p>Sets the interval at which the printer goes into the fax receive mode after the external answering machine receives an incoming call. The interval can be specified within the range of 0 to 255 seconds. The default is 21 seconds.</p>
Junk Fax Setup	<p>You can reject faxes sent from unwanted stations. The system only accepts faxes from the remote stations registered in the speed dial. This feature is useful for blocking any unwanted faxes.</p> <p>Tap <b>Off</b> to turn the feature off. Anybody can send you a fax.</p> <p>Tap <b>On</b> to turn the feature on.</p>

Option	Description
Secure Receive	You can specify whether to require a four-digit password to print the stored incoming faxes, and to set or change the password.
Received Fax Forward	<p>You can set your printer to forward incoming faxes to another fax number, to e-mail addresses, or to a server. When a fax arrives at your printer, it is stored in the memory. Then, the printer dials the fax number you have specified in <code>Forwarding Number</code> or forwards the fax to e-mail addresses or a server address you have specified in the <b>Dell Printer Configuration Web Tool</b>.</p> <p>To forward to a fax number, you need to register a fax number on <code>Forwarding Number</code>. To forward to e-mail addresses, you need to register information on the e-mail server and the forwarding e-mail addresses. To forward to a server address, you need to register information on the destination server. For details on setting the e-mail server, see "E-Mail Server" and on forwarding number, e-mail address, and server address, see "Fax Settings."</p> <p>Tap <code>Off</code> not to forward incoming faxes.</p> <p>Tap <code>Forward</code> to forward incoming faxes without printing. If an error occurs during forwarding a received fax, the printer prints the fax.</p> <p>Tap <code>Print</code> and <code>Forward</code> to print and forward incoming faxes.</p> <p>Tap <code>Forward</code> to <code>Email</code> to forward incoming faxes to e-mail.</p> <p> <b>NOTE:</b> Depending on the e-mail server settings, the printer may not get an error which occurs during the transfer.</p> <p>Tap <code>Print</code> and <code>Forward</code> to <code>E-mail</code> to print and forward incoming faxes to e-mail.</p> <p>Tap <code>Forward</code> to <code>Server</code> to forward incoming faxes to server.</p> <p>Tap <code>Print</code> and <code>Forward</code> to <code>Server</code> to print and forward incoming faxes to server.</p>
2 Sided Print	<p>You can set whether to make duplex print when you print faxes.</p> <p>Tap <code>Off</code> to print faxes on one side of a sheet of paper.</p> <p>Tap <code>On</code> to print faxes on both sides of a sheet of paper.</p> <p> <b>NOTE:</b> Duplex print may not be done depending on the size of the received faxes or settings of the trays, etc.</p>
Remote Receive	<p>You can receive a fax by pressing the remote receive code on the external telephone after picking up the handset of the telephone. When you set <code>Remote receive</code> to <code>On</code>, specify a two digit remote receive code in <code>Remote Receive Tone</code>.</p>


Option	Description
Discard Size	When receiving a document as long as or longer than the paper installed in your printer, you can set the printer to discard any excess at the bottom of the page. If the received page is outside the margin you set, it will print on two sheets of paper at the actual size. When the document is within the margin and Discard Size is set to Auto Reduction, the printer reduces the document to fit it onto the appropriate sized paper and discard does not occur. If Discard Size is set to other than Auto Reduction, the data within the margin will be discarded.
Transmission Defaults	Auto Redial Setup Redial Attempts You can specify the number of redial attempts to make when the destination fax number is busy, within the range of 0 to 13. If you enter 0, the printer will not redial.
	Interval of Redial Your printer can automatically redial a remote fax machine if it was busy. Intervals from 1–15 minutes can be entered.
	Resend Delay You can specify the interval between transmission attempts within the range of 3 to 255 seconds. The default is 8 seconds.
Tone/Pulse	You can select the dialing type. <ul style="list-style-type: none"> <li>• Tone</li> <li>• Pulse(10PPS)</li> <li>• Pulse(20PPS)</li> </ul>
Prefix Dial	You can specify whether or not to set a prefix dial number. When you set Prefix Dial to On, the number set in Prefix Dial Number dials before any auto dial number is started. It is useful for accessing the Private Automatic Branch Exchange (PBX). You can set a prefix dial number of up to five digits.
Fax Cover Page	You can set whether to attach a cover page to faxes when sending faxes.
Fax Header	Prints the sender's information on the header of faxes. Tap Off to turn this feature off. Tap On to turn this feature on. Note that if United States is selected for the setting of Country, this option does not appear on the menu. The setting is fixed to On and cannot be changed. For information on the country setting, see "Setting Your Country."
ECM	You can set whether to enable or disable the ECM (Error Correction Mode).
Modem Speed	You can set the modem speed.
Display Manual Fax Recipients	You can set whether to display the fax number of the recipient on the Sending Fax screen when manually sending a fax.
Fax Reports	Fax Activity You can set whether to automatically print a fax activity report after every 50 incoming and outgoing fax communications.
	Fax Transmit You can set whether to print a transmission result after a fax transmission.
	Fax Broadcast You can set whether to print a transmission result after a fax transmission to multiple locations.

Option	Description
Fax Protocol	You can set whether to print the protocol monitor report after a fax transmission to monitor fax protocol problems.

 **NOTE:** Prefix Dial supports only the environment where you send a fax to the external line number. To use Prefix Dial, you must do the following from the operator panel.

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Fax Settings.
- 4 Tap Fax Line Settings.
- 5 Tap Line Type.
- 6 Tap PBX, and then OK.
- 7 Tap Transmission Defaults.
- 8 Tap Prefix Dial.
- 9 Tap On.
- 10 Enter a prefix number using the number pad, and then tap OK. The characters you can use for a prefix number are 0–9, \*, and #. The maximum number of characters for a prefix number is five.
- 11 Turn off the printer, and turn it on again to apply the settings.

### Advanced Fax Settings

 **NOTE:** The advanced fax settings are only meant for advanced users. Incorrect settings may damage the printer.

If you are experiencing fax send or receive errors, there is an advanced fax settings menu which you can access and change the settings accordingly.

To enter the Diagnostic Menu (Customer Mode), follow the instructions.





- 1 Turn off the printer.
- 2 Disconnect all network, phone line, and USB cables from the printer.
- 3 Turn on the printer while holding down the 8 and 2 buttons on the number pad to start in Customer Mode.

After all the advanced fax settings have been made, you will need to turn off and on the printer for the new settings to be effective.

### Fax Data Encoding Method

Some of the legacy fax devices do not support the Joint Bi-level Image Experts Group (JBIG) data encoding method. You may experience fax send or receive errors due to this data encoding method. You can disable the JBIG and select the Modified Huffman (MH), Modified Read (MR), or Modified Modified Read (MMR) encoding with the following instructions.





You can change the modem transmission encoding with the following instructions.

- 1 Turn on the printer while holding down the 8 and 2 buttons on the number pad to start in Customer Mode.
- 2 Tap  button to tap Fax/Scanner Diag, and then tap OK.
- 3 Tap  button until Parameter appears, and then tap OK.
- 4 Ensure that FAX Parameter appears, and then tap OK.
- 5 Tap  button until G3M TX Coding appears, and then tap OK.
- 6 Tap  button until the desired encoding appears, and then tap OK.



You can select MH, MR, or MMR.



You can change the modem receive encoding with the following instructions.

- 1 Turn on the printer while holding down the 8 and 2 buttons on the number pad to start in Customer Mode.
- 2 Tap  button to tap Fax/Scanner Diag, and then tap OK.
- 3 Tap  button until Parameter appears, and then tap OK.
- 4 Ensure that FAX Parameter appears, and then tap OK.
- 5 Tap  button until G3M RX Coding appears, and then tap OK.
- 6 Tap  button until the desired encoding appears, and then tap OK.



You can select MH, MR, or MMR.

### Diagnosing the Fax Connection

You can diagnose the Fax connection using the FAX Line Diagnosis feature that can detect the abnormalities of telephone line connection.

- 1 Turn on the printer while holding down the 8 and 2 buttons on the number pad to start in Customer Mode.
- 2 Tap  button to tap Fax/Scanner Diag, and then tap OK.
- 3 Tap  button until FAX Test appears, and then tap OK.
- 4 When the message Check FAX Connection appears, tap OK.
- 5 When the message Ready to Start appears, tap OK to start diagnosing the FAX connection.

One of the following diagnosing result is displayed.

Diagnosing result	Description
Connection not Detected Please Reconnect Telephone Line	The telephone line cord is not connected. Make sure that the telephone line cord is securely connected.
Cable Connected Wrongly Reconnect Telephone Line from Wall Jack to Line Connection	The telephone line cord is connected to the wrong connector. Make sure that the telephone line cord is connected at one end to the wall jack connector (  ) of your printer and at the other end to an active wall jack. If you use a telephone or answering machine, connect to the phone connector (  ).
Fax Connection OK Please Check Setting of Tone/Pulse in Admin Menu after Restart Printer	The telephone line cord is properly connected. Check the Tone/Pulse setting. For information on Tone/Pulse setting, see "Available Fax Settings Options."

## Sending a Fax

You can fax data from your printer. You can also directly fax data transferred from the computer running a Microsoft® Windows® operating system or OS X.

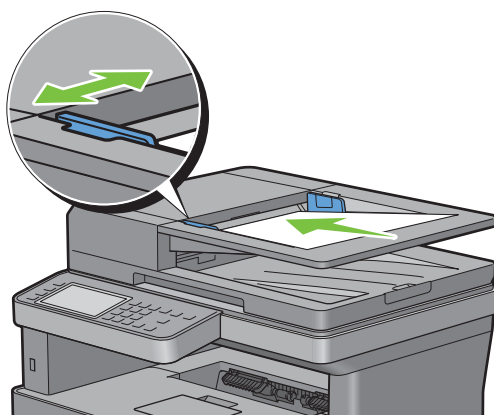
### Loading an Original Document

You can use the DADF or the document glass to load an original document for faxing. Using the DADF, you can load up to 50 sheets of 75 g/m<sup>2</sup> (20 lb) paper at a time. Using the document glass, you can load one sheet at a time.

 **NOTE:** To get the best scan quality, especially for grayscale images, use the document glass instead of the DADF.

### To fax a document using the Duplex Automatic Document Feeder (DADF):

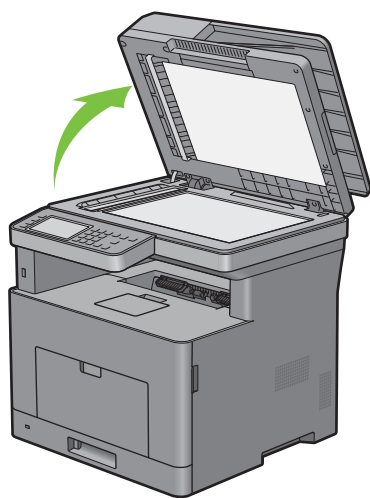
- 1 Place the document(s) facing up on the DADF with the top edge of the documents in first. Then adjust the document guides to the correct document size.



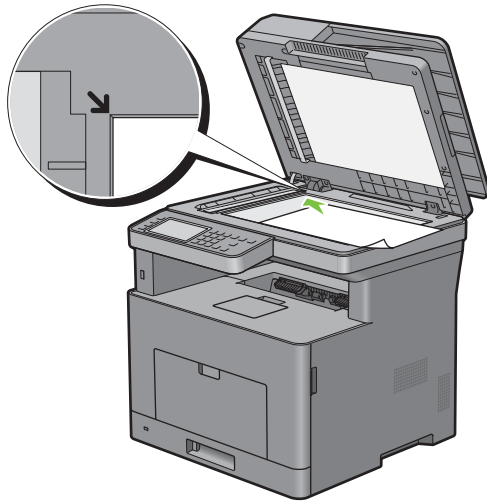
- 2 Adjust the document resolution. (For details, see "Adjusting the Document Resolution.")

### To fax a document from the document glass:


- 1 Open the document cover.




- Place the document facing down on the document glass and align it with the registration guide on the top left corner of the glass.






- Adjust the document resolution. (For details, see "Adjusting the Document Resolution.")
- Close the document cover.

 **NOTE:** Ensure that no document is in the DADF. If any document is detected in the DADF, it takes priority over the document on the document glass.

 **NOTE:** If you are faxing a page from a book or magazine, lift the cover until its hinges are caught by the stopper and then close the cover. If the book or magazine is thicker than 30 mm, start faxing with the cover open.


### Adjusting the Document Resolution

You can improve the quality of the fax document by adjusting the resolution, especially for documents with low image quality or documents containing photographic images.

- Press the  (Home) button.
- Tap  → Fax.
- Tap .
- Tap Resolution.
- Tap the desired setting.

Standard*	Used for documents with normal sized characters.
Fine	Used for documents containing small characters or thin lines or documents printed using a dot-matrix printer.
Super Fine	Used for documents containing extremely fine detail. The super fine mode is enabled only if the remote machine also supports the Super Fine resolution. See the note below.
Photo	Used for documents containing photographic images.

\* Denotes the factory default setting.

 **NOTE:** Faxes scanned in the Super Fine resolution transmit at the highest resolution supported by the receiving device.

## Adjusting the Document Contrast




You can adjust the contrast of the fax document to be lighter or darker than the original.

- 1 Load the document(s) facing up with top edge in first into the DADF.

OR

Place a single document facing down on the document glass, and close the document cover.

For details about loading a document, see "Loading an Original Document."

- 2 Press the  (Home) button.
- 3 Tap  → Fax.
- 4 Tap .
- 5 Tap Darken/Lighten.
- 6 Drag the desired level on the Darken/Lighten bar, and then tap OK.

You can select a contrast level from seven levels between Darken and Lighten.

Drag the indicator on the left side of the bar makes the document contrast lighter, and selecting a cell on the right side of the bar makes the document contrast darker.

Darken 3	Works well with light documents or faint pencil markings.
Darken 2	
Darken 1	
Normal*	Works well with standard typed or printed documents.
Lighten 1	Works well with dark documents.
Lighten 2	
Lighten 3	

\* Denotes the factory default setting.



## Sending a Fax From Memory


- 1 Load the document(s) facing up with top edge in first into the DADF.


OR


Place a single document facing down on the document glass, and close the document cover.

For details about loading a document, see "Loading an Original Document."

- 2 Press the  (Home) button.
- 3 Tap  → Fax.
- 4 Adjust the document resolution to suit your fax needs. (For details, see "Adjusting the Document Resolution." For adjusting the contrast, see "Adjusting the Document Contrast.")
- 5 To select a fax number, do one of the following:
  - Tap Phone Book, and then select one of the following:
    - Individuals: Select an individual fax number and then tap Done.
    - Groups: Select a group dial number and then tap Done.
    - Network Phone Book: Search and select a fax number from the LDAP server and then tap Search.

 **NOTE:** For more information on address book and server address book, see "Address Book Editor (for Microsoft® Windows® and OS X)."

 **NOTE:** For details about `Network Phone Book`, see "Using the Server Address Book and Server Phone Book."

 **NOTE:** The fax number needs to be registered before you can select `Address Book`.

- Tap `Speed Dial`.

Enter the speed dial number using the number pad, and then tap `Done`.


## 6 Tap `Send` to scan data.

When the document is loaded on the document glass, the display prompts you for another page.

If you want to place a new document, replace the document with a new document, and then tap `Continue`.

When you have finished loading documents, tap `Done`.

The printer starts dialing the number, and then sends the fax when the remote fax machine is ready.

 **NOTE:** You can cancel the fax job while sending the fax by tapping `Stop`.

## Sending a Fax Manually

### 1 Load the document(s) facing up with top edge in first into the DADF.

OR

Place a single document facing down on the document glass, and close the document cover.

For details about loading a document, see "Loading an Original Document."

### 2 Press the (**Home**) button.

### 3 Tap → `Fax`.


### 4 Adjust the document resolution to suit your fax needs. (For details, see "Adjusting the Document Resolution." For adjusting the contrast, see "Adjusting the Document Contrast.")

### 5 Tap `On Hook`.

### 6 Enter the fax number of the recipient using the number pad.

You can also select the recipient by using speed dial number or address book. (For details, see "Automatic Redialing.")

### 7 Tap `Send` to send the fax.

 **NOTE:** You can cancel the fax job while sending the fax by tapping `Stop`.

## Confirming Transmissions

When the last page of your document has been sent successfully, the printer beeps and returns to the standby mode.

If something goes wrong while sending your fax, an error message appears on the display.


If you receive an error message, press `Close` to clear the message and try to send the document again.

You can set your printer to print a confirmation report automatically after each fax transmission. For further details, see "Available Fax Settings Options."

## Automatic Redialing




If the number you have dialed is busy or there is no answer when you send a fax, the printer will automatically redial the number every minute based on the number set in the redial settings.

To change the time interval between redials and the number of redial attempts, see "Available Fax Settings Options."



 **NOTE:** The printer will not automatically redial a number that was busy when you send the fax manually.

## Sending a Delayed Fax

The Delayed Start mode can be used to save scanned documents for transmission at a specified time to take advantage of lower long distance rates.



- 1 Load the document(s) facing up with top edge in first into the DADF.  
OR  
Place a single document facing down on the document glass, and close the document cover.  
For details about loading a document, see "Loading an Original Document."
- 2 Press the  (Home) button.
- 3 Tap  → Fax.
- 4 Adjust the document resolution to suit your fax needs. (For details, see "Adjusting the Document Resolution." For adjusting the contrast, see "Adjusting the Document Contrast.")
- 5 Tap , and then tap Delayed Send.
- 6 Tap On.
- 7 Enter the start time using – or +, and then tap OK.
- 8 Tap Back, and then enter the fax number of the recipient using the number pad.  
You can also select the recipient by using speed dial number or address book. (For details, see "Automatic Redialing.")
- 9 Tap Send to scan data.

Once Delayed Start mode is activated, your printer stores all of the documents to be faxed into its memory and sends them at the specified time. After faxing in the Delayed Start mode is complete, the data in the memory is cleared.

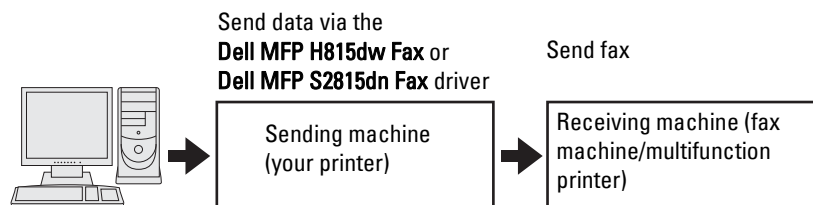
-  **NOTE:** If you turn off and on the printer, the stored documents are sent as soon as the printer is activated.
-  **NOTE:** If the specified start time overlaps with the time periods for the available time or the Fax function, the printer cannot send the delayed fax at the specified time. (For details, see "Set Available Time" for the Available time and "Functions Control" for the Fax function.)

## Sending a Fax from the Driver (Direct Fax)


You can send a fax directly from your computer by using the driver.


-  **NOTE:** Only black and white faxes can be sent using Direct Fax.
-  **NOTE:** If the specified start time overlaps with the time periods for the available time or the Fax function, the printer cannot send the delayed fax at the specified time. (For details, see "Set Available Time" for the Available time and "Functions Control" for the Fax function.)

### Example



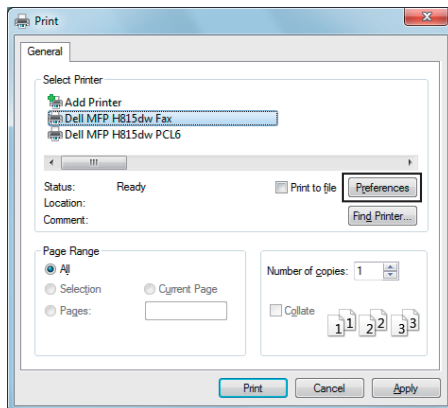
## Procedure

 **NOTE:** The names of the dialog boxes and the buttons may be different from those given in the following procedure depending on the application you are using.

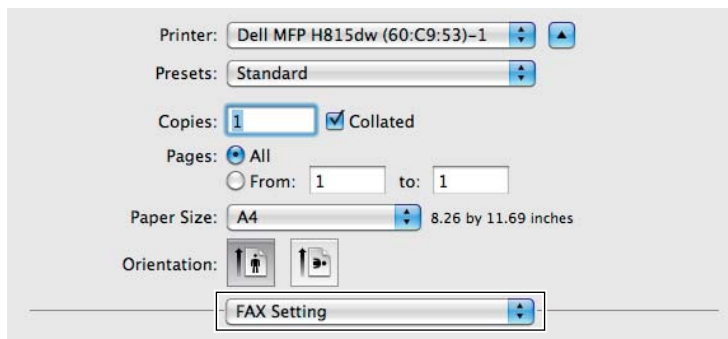
 **NOTE:** To use this feature, you must install the fax driver. (For details, see "Starting Dell Printer Easy Install" for Windows® or "Installing the Drivers and Software" for Macintosh.)

- 1 Open the file you want to send by fax.
- 2 Open the print dialog box from the application, and then select **Dell MFP H815dw Fax** or **Dell MFP S2815dn Fax**.
- 3 Click **Preferences** in Windows®, or select **FAX Setting** in Macintosh.


For Microsoft® Windows®:



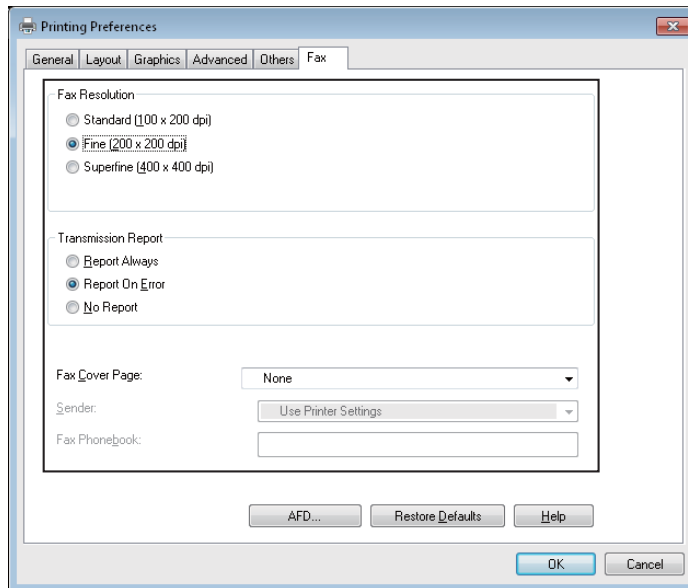
For Apple Macintosh:



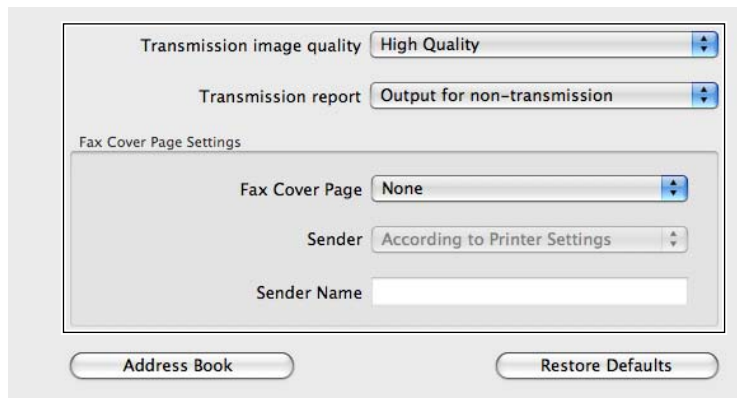
- 4 When the setting dialog box appears, specify the following settings.

 **NOTE:** The settings done here are only applied to a single fax job.

For Microsoft® Windows®:



For Apple Macintosh:



### a. Transmission image quality

**Purpose:**

To set the output quality.

**Values:**

Standard	For documents with normal sized characters.
High Quality*	For documents containing small characters or thin lines or documents printed using a dot-matrix printer.
Super-high image quality	For documents containing extremely fine detail. The super fine mode is enabled only if the remote machine also supports Super Fine resolution. See the notes below.

\* Denotes the factory default setting.

 **NOTE:** Faxes printed in the Super-high image quality by Direct Fax driver transmits at the highest resolution supported by the receiving device.



## **b. Transmission report**

### **Purpose:**

To specify whether to print a fax transmission result.

### **Values:**

<b>Output regularly</b>	Prints a transmission result after every fax transmission.
<b>Output for non-transmission*</b>	Prints a transmission result only when an error occurs.
<b>Do not output</b>	Does not print fax transmission results.

\* Denotes the factory default setting.

## **c. Fax Cover Page**

### **Purpose:**

To specify whether to attach a cover page to your fax.

### **Values:**

<b>According to Printer Settings</b>	Determines whether to attach a cover page to your fax depending on the setting you specify in <b>Fax Cover Page</b> on the operator panel.
<b>Attach</b>	Attaches a cover page to your fax.
<b>None*</b>	Does not attach a cover page to your fax.

\* Denotes the factory default setting.

## **Sender**

### **Purpose:**

To specify whether to print the sender's name on the fax cover page.

### **Values:**

<b>According to Printer Settings*</b>	Determines whether or not to print the sender's name on the fax cover page based on the printer settings.
<b>Enter a sender name</b>	Allows you to enter a sender's name that will be printed on the fax cover page in <b>Sender Name</b> .

\* Denotes the factory default setting.

## **Sender Name**

### **Purpose:**

To enter a sender's name that will be printed on the fax cover page.

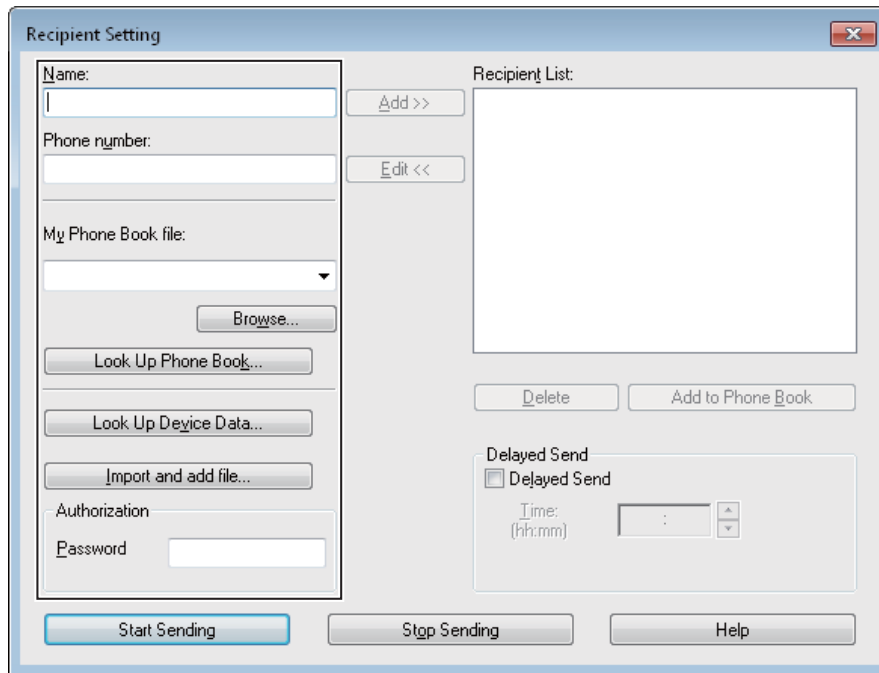
The sender's name can be up to 30 characters. If it exceeds 30 characters, only the first 30 characters will be printed.

- 5 For Windows®, click **OK** to close the **Printing Preferences** dialog box, and then click **Print**.

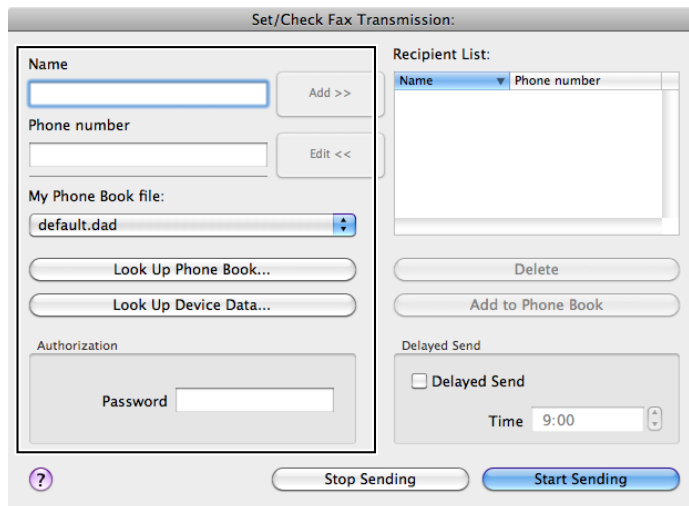
For Macintosh, click **Print**.

The **Set/Check Fax Transmission** dialog box appears.




**For Microsoft® Windows®:**




**For Apple Macintosh:**





- 6 Enter the destination for the recipient. The following procedure is for entering the destination. For details on how to enter the destination, please refer to the Help file for the driver.
  - a Enter the name and fax number directly.
  - b Select a fax number from a phone book.
    - **Look Up Phone Book:** Displays a list of fax numbers that are saved in the file specified for **My Phone Book** file.
    - **Look Up Device Data:** Displays a list of fax numbers that are saved in the Phone Book on your printer.
    - **Import and add file** (Windows® only): Allows you to select a source file such as a CSV file, WAB file, MAPI, or a LDAP server. (For details on LDAP server, see "LDAP Server" and "Fax Server Phone Book.")

-  **NOTE:** Depending on the application (when you are using Mac OS X 10.7 or later), you cannot use **Look Up Device Data** function.
-  **NOTE:** Enter the password in the **Password** field in the **Authorization** area before sending a fax if the fax function is locked with a password.
-  **NOTE:** If the Functions Control setting for Fax is set to On (Password) , you need to enter the four-digit password to use the fax function.

To lock the fax function with a password:

-  **NOTE:** To lock the fax function from Functions Control, you must first set Panel Lock to On. For details, see "Panel Lock."


- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap  until Secure Settings appears, and then tap Secure Settings.
- 4 Tap Functions Control.
- 5 Tap Fax.
- 6 Tap On (Password).
- 7 Enter a four-digit password, and then tap OK.
- 8 Turn off the printer, and turn it on again to apply the settings.

To check whether the fax has been sent:

Print a job history report. For details about how to print a job history report, see "Report / List."

## Receiving a Fax

### About Receiving Modes

-  **NOTE:** To use the Telephone / Fax or Ans Machine/Fax, connect an answering machine to the phone connector (PHONE) on the rear of your printer.

When the memory is full, the fax is received in the Telephone mode.

### Loading Paper for Receiving Faxes

The instructions for loading paper in the paper tray are the same whether you are printing, faxing, or copying, except that faxes can only be printed on Letter-sized, A4-sized, or Legal-sized paper. For details about loading paper, see "Loading Print Media." For details about setting the paper type and size in the tray, see "Print Media Guidelines."

### Receiving a Fax Automatically in the Fax Mode

Your printer is preset to the Fax mode at the factory.

If you receive a fax, the printer automatically goes into the fax mode after a specified period of time and receives the fax.



To change the interval at which the printer goes into the fax mode after receiving an incoming call, see "Available Fax Settings Options."

### Receiving a Fax Manually in the Telephone Mode

You can receive a fax by picking up the handset of the external telephone and then pressing the remote receive code (see "Available Fax Settings Options"). You can also receive a fax by tapping Manual Receive in On Hook.


To receive a fax by tapping Manual Receive:

- 1 When the external telephone rings, pick up the handset and check for the fax tone.

- 2 After you hear the fax tone, press the  (Home) button.
- 3 Tap  → Fax.
- 4 Tap On Hook.
- 5 Tap Receive.
- 6 Hang up the hand set of the external telephone.


The printer begins receiving a fax and returns to the standby mode when the reception is completed.

### Receiving a Fax Automatically in the Telephone / Fax or Ans Machine/Fax

To use the Telephone / Fax or Ans Machine/Fax mode, you must connect an external telephone to the phone connector ( PHONE) on the rear of your printer.


If the caller leaves a message, the answering machine stores the message as it would normally. If your printer hears a fax tone on the line, it automatically starts to receive a fax.

For details on Telephone / Fax or Ans Machine/Fax mode, see "Available Fax Settings Options."

 **NOTE:** If you have set your printer to Ans Machine/Fax and your answering machine is switched off, or no answering machine is connected to your printer, your printer will automatically go into the Fax mode after a predefined time.

### Receiving a Fax Manually Using an External Telephone (Remote Receive)

You can manually receive a fax from the external telephone without having to go to the printer.


To manually receive a fax using the external telephone, you must connect an external telephone to the phone connector ( PHONE) on the rear of your printer and also set Remote Receive to On.

When you receive a call on the external telephone and hear a fax tone, enter the two-digit code from the external telephone.

The printer receives the document.

When entering the remote receive code from the external telephone, press the number keys slowly in sequence. If you still hear the fax tone from the remote machine, try entering the two-digit code once again.

The default remote receive code is 00. You can change the two-digit code to whatever you choose. For details on changing the code, see "Available Fax Settings Options."



 **NOTE:** Set the dialing system of your external telephone to DTMF.

### Receiving Faxes Using the DRPD

The DRPD is a telephone company service which enables a user to use a single telephone line to answer several different telephone numbers. The particular number someone uses to call you on is identified by different ringing patterns, which consist of various combinations of long and short ringing sounds.

Before using the Distinctive Ring Pattern Detection option, Distinctive Ring service must be installed on your telephone line by the telephone company. To set up Distinctive Ring Pattern Detection, you will need another telephone line at your location, or someone available to dial your fax number from outside.

To set up the DRPD:

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Fax Settings.
- 4 Tap Fax Line Settings.
- 5 Tap  until DRPD Pattern appears, and then tap DRPD Pattern.
- 6 Tap the desired pattern, and then tap OK.

- 7 Turn off the printer, and turn it on again to apply the settings.

To receive faxes in the DRPD, you need to set the menu to DRPD. For details, see "Available Fax Settings Options."



Your printer provides seven DRPD patterns. If this service is available from your telephone company, ask your telephone company which pattern you need to select to use this service.

## Receiving Faxes in the Memory

Since your printer is a multi-tasking device, it can receive faxes while you are making copies or printing. If you receive a fax while you are copying, printing, or run out of paper or toner, your printer stores incoming faxes in the memory. Then, as soon as you finish copying, printing, or re-supply the consumables, the printer automatically prints the fax.

## Polling Receive

You can receive faxes from the remote fax machine when you want to receive it.

- 1 Press the  (Home) button.
- 2 Tap  → Fax.
- 3 Tap On Hook.
- 4 Tap Polling.
- 5 Enter the fax number of the remote machine using the number pad.
- 6 Tap Receive to begin receiving the fax.




## Automatic Dialing

### Speed Dialing

You can store up to 200 frequently dialed numbers in speed dial locations (001–200).

When the speed dial job specified in the delayed fax or redial exists, you cannot change the speed dial number from the operator panel or **Dell Printer Configuration Web Tool**.

### Setting Speed Dial

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Phone Book.
- 4 Tap Individuals.
- 5 Tap  until the desired speed dial number between 1 and 200 appears and then select that number.  
To jump to a specific speed dial number, enter the desired number and then # using the number pad.
- 6 Tap the Enter Name text box.
- 7 Enter the name, and then tap OK.
- 8 Tap the Enter Number text box.
- 9 Enter the fax number using the number pad, and then tap OK.  
To insert a pause between numbers, press the  (Redial/Pause) button.  
"-" appears on the display.

- 10 Tap OK.

To store more fax numbers, repeat steps 5 to 10.

### **Sending a Fax Using Speed Dial**

- 1 Load the document(s) facing up with top edge in first into the DADF.

OR

Place a single document facing down on the document glass, and close the document cover.

For details about loading a document, see "Loading an Original Document."

- 2 Press the  (Home) button.

- 3 Tap  → Fax.

- 4 Tap Speed Dial.

- 5 Enter the speed dial number between 1 and 200 using the number pad, and then tap Done.

- 6 Adjust the document resolution to suit your fax needs. (For details, see "Adjusting the Document Resolution." For adjusting the contrast, see "Adjusting the Document Contrast.")


- 7 Tap Send to scan data.

When the document is loaded on the document glass, the display prompts you for another page.

If you want to place a new document, replace the document with a new document, and then tap Continue.


When you have finished loading documents, tap Send Now.

The fax number stored in the speed dial location is automatically dialed. The document is sent when the remote fax machine answers.


 **NOTE:** Using the asterisk (\*) in the first digit, you can send a document to multiple locations. For example, if you enter 00\*, you can send a document to the locations registered between 001 and 009.

### **Group Dialing**

If you frequently send the same document to several destinations, you can create a group of these destinations and set them under a one-digit group dial location. This enables you to use a group dial number setting to send the same document to all the destinations in the group.

 **NOTE:** You cannot include one group dial number within another group dial number.


### **Setting Group Dial**

- 1 Press the  (Information) button.

- 2 Tap the Tools tab, and then tap Admin Settings.

- 3 Tap Phone Book.

- 4 Tap Groups.


- 5 Tap  until the desired group dial number between 1 and 6 appears and then select that group dial number.


If a speed dial number is already stored in the location you chose, the display shows the name and the number of entries stored in that group dial number.

- 6 Tap the Enter Group Name text box.

- 7 Enter the name, and then tap OK.





- 8 Tap Add from Phone Book.

 **NOTE:** The fax number needs to be registered before you can select Add from Phone Book.

- 9 Tap  until the desired speed dial number appears and then select that speed dial number.
- 10 Tap OK.  
To store more group dial numbers, repeat steps 5 to 10.

### Editing Group Dial

You can delete a specific speed dial number from a selected group or add a new number to the selected group.

- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Phone Book.
- 4 Tap Groups.
- 5 Tap  until the group dial number that you want to edit appears, and then select that group dial number.
- 6 Tap Edit.
- 7 Tap the group name text box.
- 8 Enter a new name, and then tap OK.
- 9 To delete a speed dial number from the group dial number:
  - a Tap  until the speed dial number that you want to edit appears, and then select that speed dial number.
  - b Tap Remove.
- 10 To add a new speed dial number to the group dial number:
  - a Tap Add from Phone Book.
  - b Tap  until the desired speed dial number appears and then select that speed dial number.
  - c Tap OK.
- 11 Tap OK.  
To delete an existing group dial number, select the group dial number, and then tap Remove.  
If you want to edit another group dial number, repeat steps 5 to 11.

### Sending a Fax Using Group Dial (Multi-address Transmission)

You can use group dialing for Broadcasting or Delayed transmissions.

Follow the procedure of the desired operation. (For Delayed transmission, see "Specifying the Fax Settings Options.")

You can use one or more group numbers in one operation. Then continue the procedure to complete the desired operation.

Your printer automatically scans the document loaded in the DADF or on the document glass into the memory. The printer dials each of the numbers included in the group.

### Printing a Speed Dial List

You can check your automatic dial setting by printing a Speed Dial list.

For details about how to print a Speed Dial list, see "Report / List."

## Phone Book

You can select or search the registered phone numbers from the phone books.

- 1 Load the document(s) facing up with top edge in first into the DADF.  
OR

Place a single document facing down on the document glass, and close the document cover.

For details about loading a document, see "Loading an Original Document."

- 2 Press the  (Home) button.

- 3 Tap  → Fax.


- 4 Tap Phone Book, and then select one of the following:


To select from the local phone book:

- a Tap Individuals or Groups.
- b Swipe the screen until the desired speed dial number or the group dial number appears, and then select that speed dial number or group dial number.
- c Tap Done.

To search from the server phone book:

- a Tap Network Phone Book.
- b Enter a keyword using the keyboard, and then tap Search.
- c Tap a recipient from the search result, and then tap Done.

 **NOTE:** For more information on address book and server address book, see "Address Book Editor (for Microsoft® Windows® and OS X)."

 **NOTE:** For details about Network Phone Book, see "Using the Server Address Book and Server Phone Book."


 **NOTE:** A fax number needs to be registered before you can select an address book.

- 5 Tap Send to send the fax.



## Other Ways to Fax

### Using the Secure Receiving Mode

You may need to prevent your received faxes from being accessed by unauthorized people. You can turn on the secure fax mode using the Secure Receive option to restrict printing out all of the received faxes when the printer is unattended. In the secure fax mode, all incoming faxes will go in memory. When the mode is turned off, all stored faxes will be printed.

 **NOTE:** Before operation, ensure Panel Lock is enabled.

To turn the secure receiving mode on:



- 1 Press the  (Information) button.
- 2 Tap the Tools tab, and then tap Admin Settings.
- 3 Tap Fax Settings.
- 4 Tap Incoming Defaults.
- 5 Tap  until Secure Receive appears, and then tap Secure Receive.
- 6 Tap Secure Receive Set.
- 7 Tap Enable.



- 8 Enter a four-digit password, and then tap OK.

When a fax is received in the secure receiving mode, your printer stores it into memory and **Secure Fax Receive** is enabled on the **Print** screen to let you know that there is a fax stored.

To print received documents:

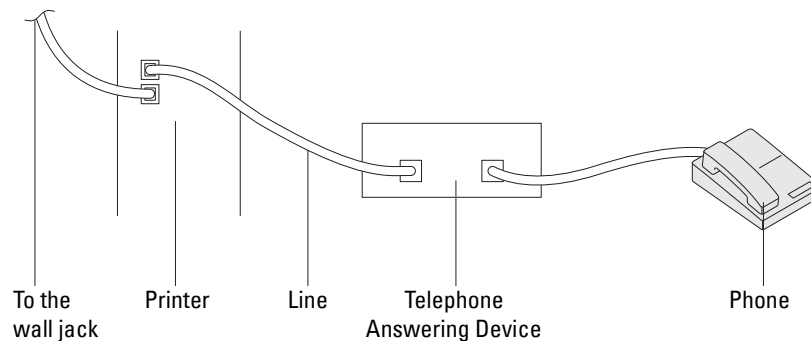
- 1 Press the  (**Home**) button.
- 2 Tap  → **Print**.
- 3 Swipe the screen until **Secure Fax Receive** appears, and then tap **Secure Fax Receive**.
- 4 Enter a four-digit password, and then tap OK.

The faxes stored in memory are printed.

To turn the secure receiving mode off:

- 1 Follow the same steps from 1 to 6 in "To turn the secure receiving mode on:" and tap **Secure Receive Set**.
- 2 Tap **Disable**.

### Using an Answering Machine



You can connect a telephone answering device (TAD) directly to the rear of your printer as shown above.

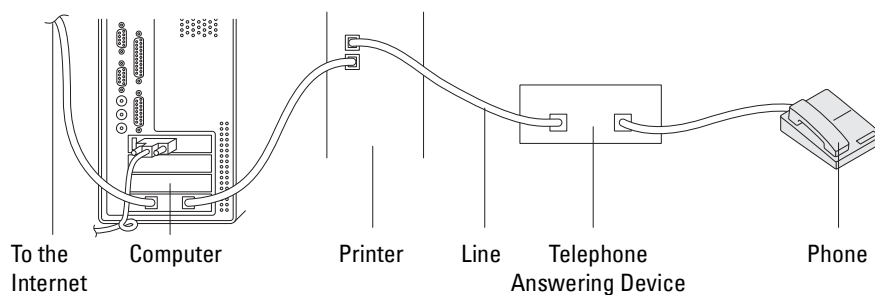
- Set your printer to the **Ans Machine/Fax** and set **Auto Receive Ans/Fax** to specify the time for the TAD.
- When the TAD picks up the call, the printer monitors and takes the line if fax tones are received and then starts receiving the fax.
- If the answering device is off, the printer automatically goes into the **Fax** after the ring tone sounds for a predefined time.
- If you answer the call and hear fax tones, the printer will answer the fax call if you

Set **On Hook** to **On** (you can hear voice or fax tones from the remote machine), and then tap **Receive** and hang up the receiver.

OR

Press the two-digit remote receive code and hang up the receiver.

## Using a Computer Modem



If you want to use your computer modem for faxing or for a dial-up Internet connection, connect the computer modem directly to the rear of your printer with the TAD as shown above.

- Set your printer to the `Ans Machine/Fax` and set `Auto Receive Ans/Fax` to specify the time for the TAD.
- Turn off the computer modem's fax-receive feature.
- Do not use the computer modem if your printer is sending or receiving a fax.
- Follow the instructions provided with your computer modem and fax application to fax via the computer modem.


## Printing a Report

The following reports may be useful when using fax:

 **NOTE:** For more information about other reports and how to print a report, see "Report / List."

Speed Dial	This list shows all the numbers currently stored in the memory of your printer as speed dial numbers.
Address Book	This list shows all the addresses currently stored in the printer's memory as Address Book information.
Server Address	This list shows all of the numbers currently stored in the printer's memory as Server Address information.
Fax Activity	This report shows information about the faxes you recently received or sent.
Fax Pending	This list shows the status of pending faxes.
Print Meter	This report shows the total number of pages printed. The report will be titled <b>Print Volume Report</b> or <b>AccessControl Report</b> , depending on the <code>AccessControl Mode</code> setting.

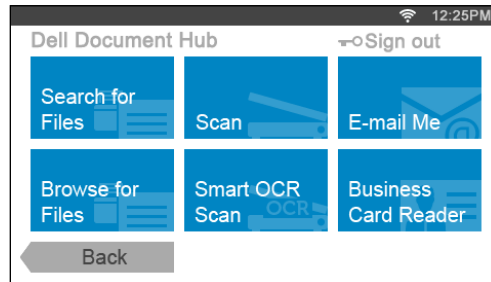
## Changing Setting Options

- 1 Press the  (**Information**) button.
- 2 Tap the `Tools` tab, and then tap `Default Settings`.
- 3 Tap `Fax Defaults`.
- 4 Select the desired menu.
- 5 Select the desired setting or enter the value using the number pad, and then tap `OK`.

## Dell Document Hub

**NOTE:** The Dell Document Hub feature is available on the Dell™ Cloud Multifunction Printer | H815dw only.

The Dell Document Hub is a convenient one-stop gateway to a variety of cloud services to help you manage your documents. With the Dell Document Hub, you can convert hard copy documents into editable digital content and store them directly in your preferred cloud storage service. You can search for files across multiple clouds simultaneously and then share and print content easily.



## Registering the User and Signing In to the Dell Document Hub

To use the Dell Document Hub, you need a user account registered to the printer, and sign in to the Dell Document Hub.

### Registering a New User to the Dell Document Hub

Prepare the access information required for each of the cloud services you want to use, and make sure that you have a user account registered to the printer. For more information on registering an account, see "Creating a New User Account."

- 1 Access the Dell Document Hub website from your computer.  
Enter the following URL in the web browser:  
**www.dell.com/dochub**
- 2 Follow the instructions displayed on the screen.
- 3 An e-mail will be soon sent to the registered e-mail address. Check the e-mail and follow the instructions on the e-mail to activate.

### To Register a New User From the Printer

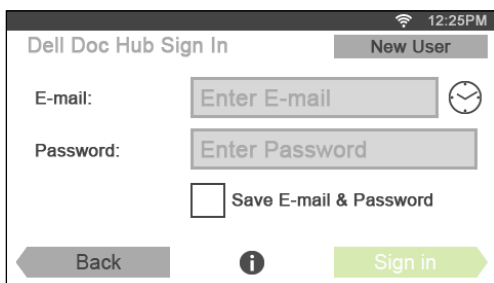
You can start the user registration alternatively using the printer.



**NOTE:** To complete the registration process, you will need to use your computer or mobile device to receive an e-mail and access the Dell Document Hub website.

- 1 Log in to the printer as a registered user.
- 2 Tap the **Dell Document Hub** tile in the **Home** screen.
- 3 Tap **New User**.  
The **Welcome to Dell Document Hub** screen is displayed. Tap **Next**.
- 4 Follow the instructions displayed in the touch panel.


## Signing In to the Dell Document Hub

- 1 Log in to the printer as a registered user.
- 2 Tap the Dell Document Hub tile in the **Home** screen.  
The Dell Doc Hub Sign In screen is displayed.



- 3 Tap the E-mail text box to enter the e-mail address.  
 **NOTE:** You can also tap  to select a recently entered e-mail address from a list. The list can contain up to eight recently entered e-mail addresses.
- 4 Tap the Password text box to enter the password, and tap Done.
- 5 If you want to save your e-mail address and password, tap to check the Save E-mail & Password check box.  
The e-mail and password are stored under the registered user's account and unauthorized user will not be able to access them. For security purpose, it is recommended that you set a password for registered user.
- 6 Tap Sign in.

When the Dell Document Hub screen is displayed, signing in is successful.

-  **NOTE:** If all the tiles on the Dell Document Hub screen are pale and disabled when you sign in, you have not completed the necessary procedures to activate your account of the Dell Document Hub. Check the e-mail you received from the Dell Document Hub, and activate your account.

## When the Favorite List Screen is Displayed When You Tap the Tile on the Dell Document Hub Screen


This means that your favorite settings for the function have been saved on the printer. Select settings from the list as desired.

## Returning to the Home Screen

Tap Back. The sign-in status is maintained. Next time you tap the Dell Document Hub tile on the **Home** screen, you do not have to sign in while you are logged in to the **Home** screen.


You can tap Sign out as well to return to the **Home** screen, but the sign-in status is not maintained. Next time you sign in to the Dell Document Hub, you need to reenter your e-mail address and password.

## Logging Out From the Printer

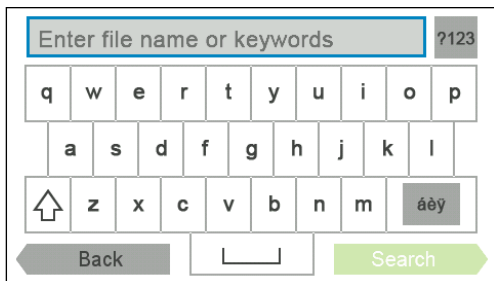
Press the  (Login/Logout) button. You will log out from the **Home** screen and the portal screen will be displayed. In this case, the sign-in status to the Dell Document Hub is maintained as far as the Save E-mail & Password check box option is selected in the step 5 above. Next time you tap the Dell Document Hub tile on the **Home** screen, you can skip the sign in process.

## Searching for and Printing Files

You can search for the files saved in the cloud services, and print them from the printer. You can search across multiple cloud services at once. This method is suitable when you want to search by the keywords, including the file name.

 **NOTE:** To search for files across multiple cloud services, you need to go to [www.dell.com/dochub](http://www.dell.com/dochub) and connect the cloud services with the Dell Document Hub.




- 1 Tap the **Search for Files** tile in the **Dell Document Hub** screen.
- 2 Enter the keywords, and tap **Search**.



To enter the accented characters, tap **áèý** to display the keyboard for those characters.


Files are searched across the cloud services you registered.

The **Search Results** screen is displayed.

- 3 Tap the files you want to print. You can select up to 10 files.  
To sort the results, tap  and select the sorting order.
- 4 Tap  to preview the selected files.  
The **File Preview** screen is displayed. The first three pages of each file are displayed in the small previews.
  - a To show the page in the large preview, tap the page in the small previews.
  - b To preview other files, flick the screen side to side.
  - c To specify the file as the one to be printed, tap the rectangle beside the small previews to enter a check mark.
  - d To return to the previous screen, tap **Back**.
- 5 Tap  to check or change the print settings.  
The **Print Settings** screen is displayed.
  - a To show the other tiles, flick the screen side to side.
  - b To return to the previous screen, tap **Back**.

For more information on the Print Settings, see "Print Settings."
- 6 Tap **Print** to start printing.  
To cancel printing, tap **Stop**.

When all the selected files are printed, the screen returns to the Search Results screen.

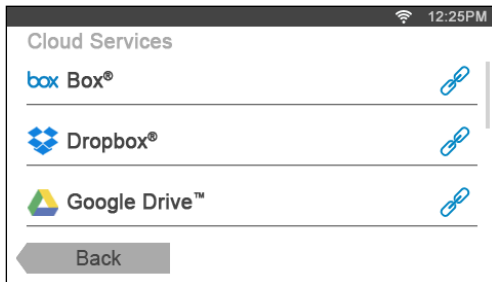
 **NOTE:** You can start printing by tapping **Print** in any screens of **Search Results**, **File Preview** or **Print Settings**.

## Browsing and Printing Files

You can browse and print the files saved in the selected cloud services. This method is suitable when you know which cloud service the file you want to print is located in.

- 1 Tap the **Browse for Files** tile in the **Dell Document Hub** screen.

The **Cloud Services** screen is displayed.



To scroll the list, flick the screen up or down.

The status of the cloud services can be confirmed by an icon on the right side of the names of each cloud service.



indicates that the cloud service is correctly associated with the Dell Document Hub.



indicates that the cloud service is not associated, or not linked correctly.



indicates that the cloud service link with the Dell Document Hub has expired.

To link the cloud service with the Dell Document Hub, go to [www.dell.com/dochub](http://www.dell.com/dochub).

For more information, tap the status icon.


- 2 Tap the cloud service you want to browse in.

The list of the contents stored in the selected cloud service is displayed.

- 3 Tap the location you want to browse in.


The contents in the selected location are listed.

- 4 Tap the files you want to print. You can select up to 10 files.

- 5 Tap  to search the files in the current location.

- a Enter the file name or keywords, and tap **Search**.

The **Search Results** screen is displayed.

You can sort the results by tapping  and selecting the sorting order.

- b To return to the previous screen, tap **Back**.

- 6 Tap  to preview the selected files.


The **File Preview** screen is displayed. The first three pages of each file are displayed in the small previews.

- a To show the page in the large preview, tap the page in the small previews.




- b To preview other files, flick the screen side to side.

- c To specify the file as the one to be printed, tap the rectangle beside the small previews to enter a check mark.

- d To return to the previous screen, tap **Back**.


- 7 Tap  to check or change the print settings.  
The **Print Settings** screen is displayed.
  - a To show the other tiles, flick the screen side to side.
  - b To return to the previous screen, tap **Back**.

For more information on the Print Settings, see "Print Settings."


 **NOTE:** Tap  in the **Print Settings** screen, and you can save your print settings and file path to the cloud service as a favorite. Name your favorite in the **Save Favorite** screen, and tap **Save**. If you are saving the favorite in the same name with the existing favorite, the settings and the file path will be overwritten. You can delete the unnecessary favorite by tapping  .  
Once you save your settings as a favorite, you can recall those settings the next time you sign in to the Dell Document Hub from any printers of the same model.

- 8 Tap **Print** to start printing.  
To cancel printing, tap **Stop**.



When all the selected files are printed, the screen to show the selected location returns.

 **NOTE:** You can start printing by tapping **Print** in any screens of contents list, **Search Results**, **File Preview** or **Print Settings**.

### Searching for the Files in the Selected Cloud Service

After you select the cloud service in the step 2 above, you can search for the files by tapping  .

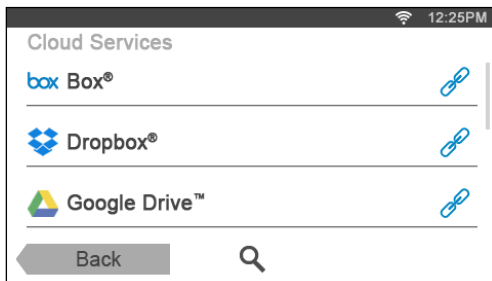
Enter the file name or keywords, and tap **Search**.

You can select the files to print in the **Search Results** screen, sort the results by tapping  , or preview the files by tapping  .

## Scanning

You can scan the document and save the scanned file in the cloud service.

- 1 Tap the **Scan** tile in the **Dell Document Hub** screen.  
The **Cloud Services** screen is displayed.



To scroll the list, flick the screen up or down.

The status of the cloud services can be confirmed by an icon on the right side of the names of each cloud service.

For more information, tap the status icon.


- 2 Tap the destination cloud service you want to save the scanned file to.  
The list of the contents stored in the selected cloud service is displayed.
- 3 Tap the location you want to save the scanned file to.  
The screen to show the selected location is displayed.

**4** Tap **Next**.

The screen to specify the file name and the file format is displayed.

**5** Tap the **File Name** text box, and enter the file name.

**6** Tap the **File Format** box, and specify the file format to save the scanned file.

**7** Tap  to check or change the scan settings.



The **Scan Settings** screen is displayed.

**a** To show the other tiles, flick the screen side to side.

**b** To return to the previous screen, tap **Back**.

For more information on the Scan Settings, see "Scan" and "Scan Settings."



**NOTE:** Tap  in the **Scan Settings** screen, and you can save your scan settings and file path to the cloud service as a favorite. Name your favorite in the **Save Favorite** screen, and tap **Save**. If you are saving the favorite in the same name with the existing favorite, the settings and the file path will be overwritten. You can delete the unnecessary favorite by tapping .


Once you save your settings as a favorite, you can recall those settings the next time you sign in to the Dell Document Hub from any printers of the same model.

**8** Tap **Scan** to start scanning.

To cancel scanning, tap **Stop**.


When the scanning is completed, the screen to show the selected location returns.

### Searching for the Location Across the Cloud Services


Before you select the cloud service in the step 2 above, you can search for the location you want to save the scanned file across the cloud services by tapping .

Enter the keywords, and tap **Search**.

You can select the location to save the scanned file in the **Search Results** screen.


You can sort the results by tapping .

### Searching for the Location in the Selected Cloud Service

Before you select the location in the step 3 above, you can search for the location in the selected cloud service by tapping .

Enter the keywords, and tap **Search**.

You can select the location to save the scanned file in the **Search Results** screen.

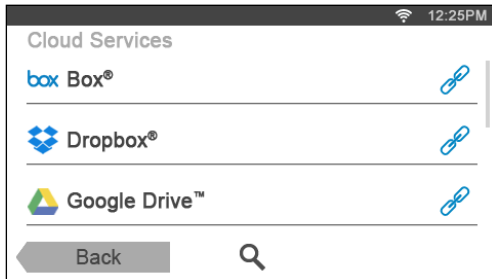
You can sort the results by tapping .



## Scanning the Document Using Optical Character Recognition (OCR)

You can scan the document using OCR, and save it in the cloud service.


- 1 Tap the **Smart OCR Scan** tile in the **Dell Document Hub** screen.  
The **Cloud Services** screen is displayed.






To scroll the list, flick the screen up or down.

The status of the cloud services can be confirmed by an icon on the right side of the names of each cloud service.

For more information, tap the status icon.

- 2 Tap the destination cloud service you want to save the converted file to.  
The list of the contents stored in the selected cloud service is displayed.
- 3 Tap the location you want to save the converted file to.  
The screen to show the selected location is displayed.
- 4 Tap **Next**.  
The screen to specify the file name and the file format is displayed.
- 5 Tap the **File Name** text box, and enter the file name.
- 6 Tap the **File Format** box, and specify the file format to save the converted file.
- 7 Tap  to check or change the OCR scan settings.  
The **Scan Settings** screen is displayed.
  - a To show the other tiles, flick the screen side to side.
  - b To return to the previous screen, tap **Back**.

For more information on the Scan Settings, see "Smart OCR Scan" and "Scan Settings."

 **NOTE:** Tap  in the **Scan Settings** screen, and you can save your scan settings and file path to the cloud service as a favorite. Name your favorite in the **Save Favorite** screen, and tap **Save**. If you are saving the favorite in the same name with the existing favorite, the settings and the file path will be overwritten. You can delete the unnecessary favorite by tapping .  
Once you save your settings as a favorite, you can recall those settings the next time you sign in to the Dell Document Hub from any printers of the same model.

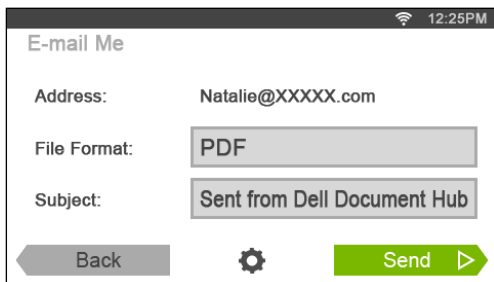
- 8 Tap **Scan** to start scanning using the OCR.


## Receiving the Scanned File as an E-Mail

The document can be scanned and sent to you as an attached file of an e-mail.

- 1 Tap the **E-mail Me** tile in the **Dell Document Hub** screen.



The **E-mail Me** screen is displayed.



- 2 Tap the **File Format** box, and specify the file format to save the scanned file in.
- 3 Tap the **Subject** text box, and enter the subject of the mail sent with the scanned file.
- 4 Tap  to check or change the e-mail settings.
  - a To show the other tiles, flick the screen side to side.
  - b To return to the previous screen, tap **Back**.

For more information on the E-mail Settings, see "E-mail Me" and "Scan Settings."



**NOTE:** Tap  in the E-mail Settings screen, and you can save your e-mail settings as a favorite. Name your favorite in the **Save Favorite** screen, and tap **Save**. If you are saving the favorite in the same name with the existing favorite, the settings will be overwritten. You can delete the unnecessary favorite by tapping .

Once you save your settings as a favorite, you can recall those settings the next time you sign in to the Dell Document Hub from any printers of the same model.

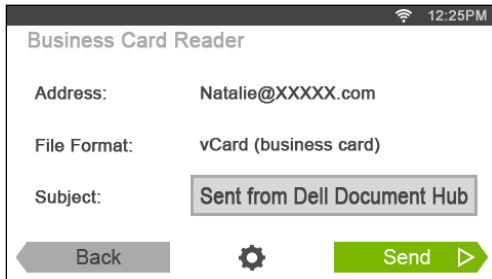
- 5 Tap **Send** to start scanning and sending the scanned file as an attached file of an e-mail.


## Receiving the Scanned Image of the Business Card as an E-Mail

The business card can be scanned and converted to the vCard file, and sent to you as an attached file of an e-mail.

- 1 Tap the **Business Card Reader** tile in the **Dell Document Hub** screen.

The **Business Card Reader** screen is displayed.




- 2 Tap the **Subject** text box, and enter the subject of the e-mail sent with the vCard file.
- 3 Tap  to check or change the scan settings.
  - a Tap the **OCR Language** tile to specify the language.
  - b To return to the previous screen, tap **Back**.
- 4 Tap **Send** to start scanning and sending the vCard file as an attached file of an e-mail.

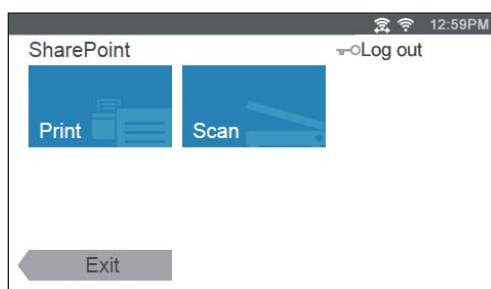


## Printing and Scanning Directly From SharePoint®

You can connect to the SharePoint® server directly from the printer to print the documents from the server or to save the scanned data to the server.

 **NOTE:** This feature is available on the Dell™ Smart Multifunction Printer | S2815dn only.

 **NOTE:** Only the PDF and the JPEG files can be browsed, printed, and saved with this feature.

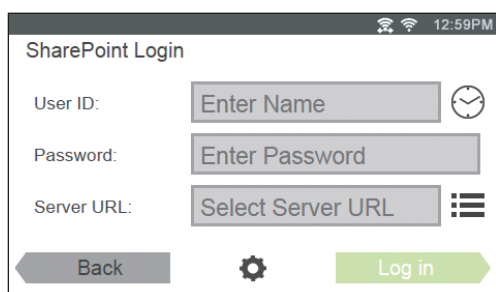



### Registering the SharePoint® Server

You can register up to 10 servers.

- 1 Log in to the printer as a registered user using the local authentication.
- 2 In the **Home** screen, tap SharePoint.

The **SharePoint Login** screen is displayed.



- 3 Tap  .  
The **Configuration** screen is displayed.
- 4 Tap the **Enter Server URL** box.
- 5 Enter the server URL, tap **Done**, and then tap **+**.  
To register more SharePoint® server URLs, repeat steps 4 and 5.
- 6 Tap **Back**.

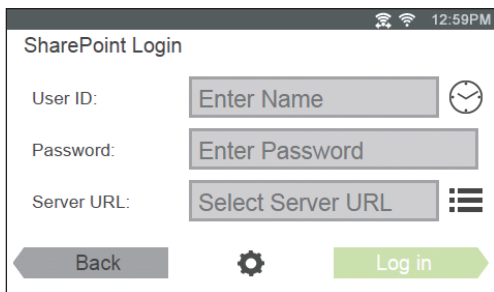
## Editing the Server URL List




In the **Configuration** screen, you can edit the server URL list.

Tap the desired server URL, and tap **Remove** or **Edit**.


## Signing In to the SharePoint® Server






- 1 Log in to the printer as a registered user using the local authentication.
- 2 Tap the **SharePoint** tile in the **Home** screen.  
The **SharePoint Login** screen is displayed.



- 3 Tap the **User ID** text box to enter the user ID.  
 **NOTE:** You can also tap  to select a recently entered user ID from a list. The list can contain up to eight recently entered user IDs.
- 4 Tap the **Password** text box to enter the password.
- 5 Tap  to select the desired SharePoint® server from the server list.
- 6 Tap **Log in**.

## Returning to the Home Screen

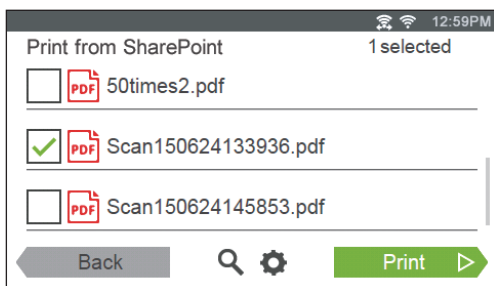
Tap **Exit** or press the  (**Home**) button.


-  **NOTE:** When you return to the **Home** screen by tapping **Exit** or by pressing the  (**Home**) button, login status is maintained.  
Next time you tap **SharePoint** on the **Home** screen, you do not have to log in while you are logged in to the **Home** screen.
-  **NOTE:** You can tap  **Log out** or  (**Login/Logout**) button as well to return to the **Home** screen, but the login status is not maintained. Next time you tap **SharePoint** on the **Home** screen, you need to log in to the SharePoint® server again.

## Browsing and Printing Files


You can browse and print the files saved in the selected SharePoint® server.

- 1 Tap the **Print** tile in the **SharePoint** screen.  
The **Print from SharePoint** screen is displayed.



- 2 Select the file you want to print by performing either of the following:
  - Tap the file you want to print.
    - ✎ **NOTE:** If the desired file is not displayed, swipe the screen.
  - Search the files in the selected SharePoint® server.
    - a Tap .
    - b Enter the file name or keywords, and then tap **Search**.
    - c Tap the file you want to print.

✎ **NOTE:** You can select up to 10 files.

- 3 Tap  to check or change the print settings.  
The **Print Settings** screen is displayed.

- a To show the other tiles, flick the screen side to side.
- b To return to the previous screen, tap **Back**.

For more information on the **Print Settings**, see "Print Settings."

✎ **NOTE:** You cannot save your print settings to print documents in the SharePoint® server.

- 4 Tap **Print** to start printing.  
To cancel printing, tap **Stop**.

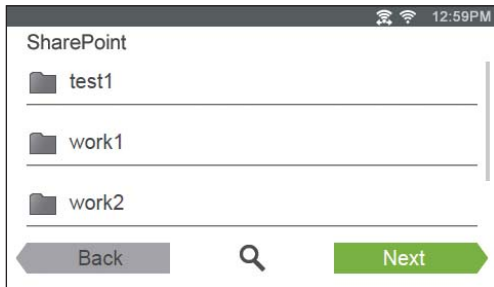
When all the selected files are printed, the **Print from SharePoint** screen returns.

✎ **NOTE:** You can start printing by tapping **Print** in any screens of **Print from SharePoint**, **Search Results**, or **Print Settings**.

## Scanning

You can scan the document and save the scanned data in the selected SharePoint® server.

- 1 Tap the **Scan** tile in the **SharePoint** screen.  
The following **SharePoint** screen is displayed.



When you want to save the scanned data to this folder, tap **Next** and proceed to step 3.

- 2 Select the folder you want to save the scanned data to by performing either of the following:
  - Tap the folder you want to save the scanned data to, and then tap **Next**.
    - ✎ **NOTE:** If the desired folder is not displayed, swipe the screen.
  - Search the folder in the selected SharePoint® server.
    - a Tap .
    - b Enter the folder name or keywords, and then tap **Search**.
    - c Tap the folder you want to save the scanned data to, and then tap **Next**.

The **Scan to SharePoint** screen is displayed.

- 3 Tap the **File Name** text box, and enter the file name.
- 4 Tap the **File Format** box, and specify the file format to save the scanned file.
- 5 Tap to check or change the scan settings.

The **Scan Settings** screen is displayed.

- a To show the other tiles, flick the screen side to side.
- b To return to the previous screen, tap **Back**.

For more information on the Scan Settings, see "Scan" and "Scan Settings."

✎ **NOTE:** You cannot save your scan settings to save the scanned data in the SharePoint® server.

- 6 Tap **Scan** to start scanning.

To cancel scanning, tap **Stop**.

When the document is loaded on the document glass, the screen prompts you for another page.

- If you want to scan another document, replace the document with a new document, and then tap **Continue**.
- When you have finished loading documents, tap **Done**.

When the scanning is completed, the **SharePoint** screen that is displayed in the step 1 returns.



# Know Your Printer

24 Understanding Your Printer Software .....	387
25 User Authentication.....	405
26 Tile Customization .....	409
27 Using the Server Address Book and Server Phone Book ...	411
28 Using Digital Certificates .....	415
29 Understanding Printer Messages .....	425
30 Specifications .....	435



## Understanding Your Printer Software

The additional printer software comes with your printer. Installing the software will enhance the function of your printer.

### Overview


Use the *Software and Documentation* disc to install a combination of software programs. Available software varies depending on your operating system.

The following shows the compatibility between the software programs/utility tools and operating systems.


Item	Windows®	OS X	Linux
Dell Printer Hub / Dell Printer Management Tool	✓	–	–
Printer Status Window	–	✓	✓
Status Monitor Console	–	–	✓
Status Monitor Widget	–	✓	–
Tool Box	✓	–	–
Address Book Editor	✓	✓	–
ScanButton Manager	–	✓	–
User Setup Disk Creating Tool	✓	–	–
App Manager	✓	–	–

(✓: supported, –: not supported)

## Dell Printer Hub/Dell Printer Management Tool (for Microsoft® Windows®)


 **NOTE:** Dell Printer Hub or Dell Printer Management Tool is supported on Microsoft® Windows® 7 or later.

 **NOTE:** Dell Printer Hub is available on Dell™ Cloud Multifunction Printer | H815dw.

 **NOTE:** Dell Printer Management Tool is available on Dell Smart Multifunction Printer | S2815dn.

This software consolidates your printer management, monitoring tools and cloud connectivity.

You can conveniently access printer utilities, advanced scan features and printer/consumables details, and receive notifications on driver/software updates as well as printer status.


 **NOTE:** Connecting to cloud and accessing scan features are available on the **Dell Printer Hub** only.

You can also use the **Dell Printer Hub** or **Dell Printer Management Tool** to order consumables online or by phone from Dell.

See "Using Dell Printer Hub or Dell Printer Management Tool for Windows®."

To launch the Dell Printer Hub/Dell Printer Management Tool, click **Start** → **All Programs** → **Dell Printers** → **Dell Printer Hub** or **Dell Printer Management Tool**.

The following software can be activated from the **Dell Printer Hub** and **Dell Printer Management Tool**:

- **Configuration tool**  
Configures the IP address settings, fax settings, and Wi-Fi settings.  
 **NOTE:** Wi-Fi settings are available for Dell Cloud Multifunction Printer | H815dw.
- **Tool Box**  
See "Tool Box (for Microsoft® Windows®)."
- **App Manager**  
See "App Manager (for Microsoft® Windows®)."
- **Address Book Editor**  
See "Address Book Editor (for Microsoft® Windows® and OS X)."
- **Printer Embedded Web Server (EWS)**  
Displays the Dell Printer Configuration Web Tool. See "Dell™ Printer Configuration Web Tool."

See the [FAQ](#) on the Dell Printer Hub or Dell Printer Management Tool.

## Printer Status Window (for OS X and Linux)

The **Printer Status** window alerts you when there is a warning or when an error occurs, for example, when a paper jam occurs or toner is running low.

You can also check toner level, quantity of paper remaining or the configuration of options for the printer.

## Status Monitor Widget (for OS X)

Status Monitor Widget is a printer utility that promotes efficient use of the printer through the exchange of information between the Macintosh and the printer.

### Status Monitor Widget Feature

- Monitoring Dell Printers  
Allows you to check the status of Dell printers currently connected to your Macintosh
- Receiving Alerts  
Alerts you to problems, such as paper jams or low toner
- Ordering Supplies  
Allows you to access the web site to order supplies

### Before Installing the Status Monitor Widget

#### Operating systems

- Mac OS X 10.5
- Mac OS X 10.6
- Mac OS X 10.7
- OS X 10.8
- OS X 10.9
- OS X 10.10


#### Network protocols and interfaces

- LPR
- Socket 9100
- Bonjour
- USB 2.0 and 1.1 (When connecting with multiple printers of the same model via USB cables, only the printer recognized first can be monitored in the Status Monitor Widget.)

## Installing the Status Monitor Widget

- 1 Double-click the Dell H815dw Installer icon or Dell S2815dn Installer icon in the **Finder** window.
- 2 Follow the on-screen instructions.

When the **Install Succeeded** screen appears, the installation is complete.

 **NOTE:** Entering the administrative login name and password are required during the installation process.

## Opening and Closing the Status Monitor Widget

### Opening the Status Monitor Widget


- 1 Click the Dashboard icon in the Dock to launch Dashboard.

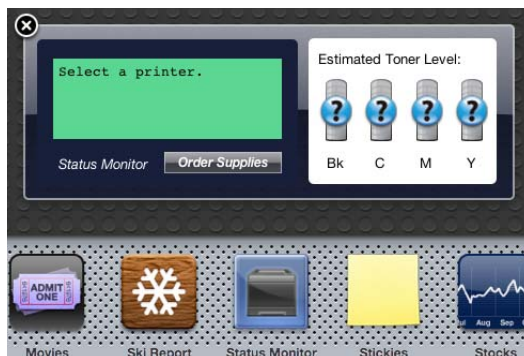


- 2 Click the Plus (+) sign to display the Widget Bar.



- 3 Click the icon of Status Monitor in the Widget Bar. The **Printer Status** window appears.

 **NOTE:** If the message **Select a printer** is displayed, select your printer in **Preferences**. (For more information on Preferences, see "Preferences.")

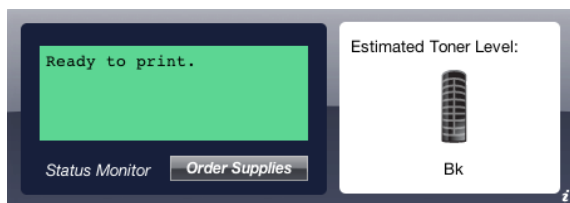


### Closing the Status Monitor Widget

- 1 Click the Close (x) button in the upper-left corner of the **Printer Status** window.

### Printer Status Window

When the Status Monitor Widget is activated, the **Printer Status** window appears on Dashboard.



### Printer Status Message Area

Displays a message of the current printer status.

- ✎ **NOTE:** The **Status Monitor Widget** automatically obtains the printer information at the updated interval that can be specified in **Preferences**. Also, the printer status is refreshed when Dashboard is launched or **Preferences** is closed.
- ✎ **NOTE:** If the **Status Monitor Widget** receives no response from the printer, the message **Cannot get printer information** is displayed.
- ✎ **NOTE:** When the printer is connected via USB cable, you cannot check the status of the printer during a print or scan job.

### Printer Status Image Area

Displays the image of printer condition.

- Estimated Toner Level image  
Displays the estimated toner level if the printer is functioning properly.



- ✎ **NOTE:** If the utility does not receive a response from the printer, the **Unknown** toner image is displayed.
- Printer error image  
Displays an indication image when an error occurs.



An error has occurred and the printer cannot be used.

### Order Supplies button

Click this button to display the **Order** window.  
To hide the **Order** window, click **Order Supplies** again.

### Info (i) button

Click this button to open **Preferences**.

- ✎ **NOTE:** The **info (i)** button appears on the lower-right corner of the window when the cursor is over the **Printer Status** window. The **info (i)** button is a standard used across all widgets.


## Order Window

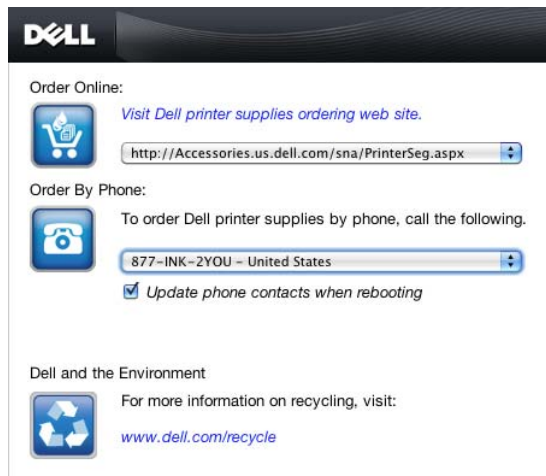
This window provides you with the information for ordering printer supplies by telephone or from the web site.

To open the **Order** window:

- 1 Click **Order Supplies** in the **Printer Status** window.

The **Order** window appears.

 **NOTE:** The **Order** window appears when low toner is detected.



### Order Online

- Visit Dell printer supplies ordering web site hyperlink

Click the **Visit Dell printer supplies ordering web site** hyperlink to access the web site for ordering Dell printer supplies.

- URL list

Displays a list of available URLs where you can order Dell printer supplies.

Select a URL address to use when the **Visit Dell printer supplies ordering web site** hyperlink is clicked.

### Order By Phone

- Phone number list

Displays a list of available phone numbers that you can call to order Dell printer supplies.

- **Update phone contacts when rebooting** check box

Select this check box to regularly update the phone number list.

### Dell and the Environment

Click the hyperlink to access the web site about recycling.




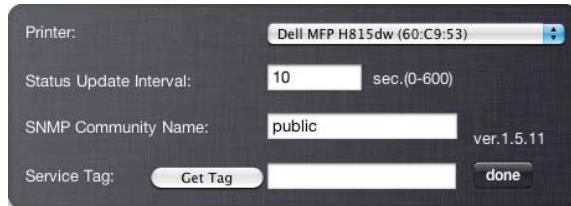
## Preferences

To open Preferences:

- 1 Click the **info (i)** button in the **Printer Status** window.

Preferences appears.

 **NOTE:** The **info (i)** button appears on the lower-right corner of the window when the cursor is over the **Printer Status** window. The **info (i)** button is a standard used across all widgets.



### Printer

Displays a list of available printer names in the pull down menu. The first printer displayed in this list is set as default.

### Status Update Interval


You can specify the update interval of the printer status. By default, it is set to obtain the printer information every 10 seconds. It can be set from 0 to 600 seconds.

### SNMP Community Name

You can change the SNMP (Simple Network Management Protocol) community name if using default community name (public). Up to 31 characters can be entered.

### Get Tag button

Click this button to obtain the service tag.

 **NOTE:** You cannot retrieve the service tag when the printer is connected via USB cable.

### done button

Click this button to return to the **Printer Status** window.

## Status Monitor Console (for Linux)

Status Monitor Console is a printer utility that promotes efficient use of the printer through the exchange of information between the Linux and the printer.

### Status Monitor Console Feature


- Monitoring Dell Printers  
Allows you to check the status of Dell printers currently connected to your Linux.
- Receiving Alerts  
Alerts you to problems, such as paper jams or low toner.
- Ordering Supplies  
Allows you to access the web site to order supplies.

### Before Installing the Status Monitor Console

 **NOTE:** The **Status Monitor Console** requires the following modules installed.

- Python, PyGTK, Net-SNMP, cups-libs, and xdg-open

Please confirm that these modules are installed before you install the **Status Monitor Console**.

 **NOTE:** The **Status Monitor Console** is available when the printer is connected to a network (LPR or Socket 9100). USB connection is not supported.

### Distributions

- Red Hat Enterprise Linux 6 Desktop
- SUSE Linux Enterprise Desktop 11
- Ubuntu 12.04 LTS

### Printing system

- CUPS (Common Unix Printing System)

### Installing the Status Monitor Console

- 1 Activate the terminal, and log in as a super user.
- 2 Type the following rpm command in the terminal window.

#### On Red Hat Enterprise Linux 6 Desktop or SUSE Linux Enterprise Desktop 11

```
# rpm -ivh (Type the package file name)
```

#### On Ubuntu 12.04 LTS

```
# dpkg -i (Type the package file name)
```

## Starting the Status Monitor Console

- 1 Click Dell Printers→ Status Monitor Console

The **Printer Selection** window appears.

For more information on Printer Selection window, see "Printer Selection Window."

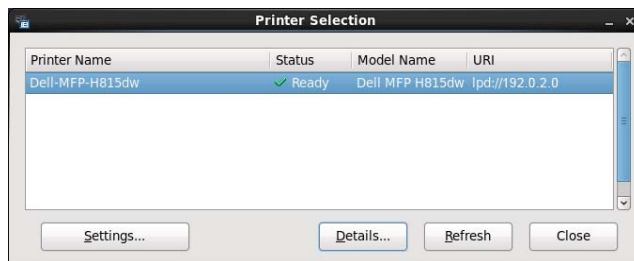
- 2 Select your printer.

The **Printer Status** window appears.

For more information on **Printer Status** window, see "Printer Status Window."

- You can order supplies from the **Dell Supplies Management System** window. See "Dell Supplies Management System Window."

## Printer Selection Window



### Printers list

All the printers registered in the CUPS (Common UNIX Printing System) are displayed in a list.

- Status icons:
  - ✓ Ready
  - ⚠ Unknown/Offline/Toner Low/Paper Low
  - ✖ Door Open/Paper Jam/No Toner/Out Of Paper

### Settings button

Click this button to open the **Settings** window.

### Details button

Click this button to open the **Printer Status** window. If a non-supported printer is selected, it opens the **Dell Printer Configuration Web Tool**. For details on the **Dell Printer Configuration Web Tool**, see "Dell™ Printer Configuration Web Tool."

### Refresh button

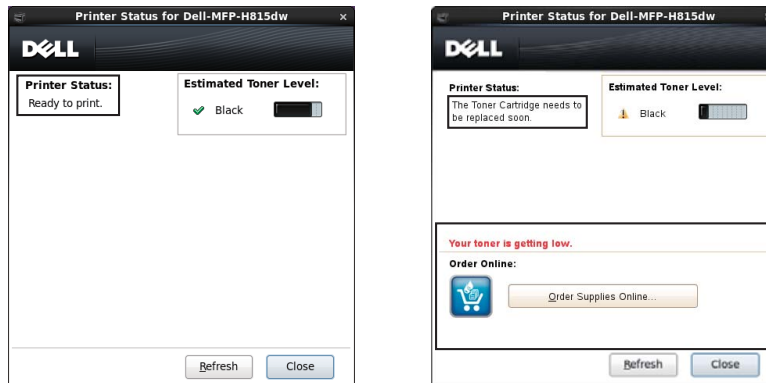
Click this button to update the information of printers.

### Close button

Click this button to close the **Printer Selection** window.

## Printer Status Window

When the printer is specified in the **Printer Selection** window, the **Printer Status** window appears.



### Printer Status Message Area

Displays a message of the current printer status.

- ✎ **NOTE:** The **Status Monitor Console** automatically obtains the printer information at the updated interval that can be specified in the **Settings** window. Also, the printer status is refreshed when the **Refresh** is clicked.
- ✎ **NOTE:** If the **Status Monitor Console** receives no response from the printer, the message **Cannot get printer information** is displayed.

### Printer Status Image Area

- Current Toner Status icons  
Displays icons of the current status of the toner.
  - ✔ The toner level is more than 30%.
  - ⚠ The toner level is less than 29%.
  - ✘ The toner level is less than 9%.
  - ℹ The toner level is unknown.
- Estimated Toner Level images  
Keeps you informed about the amount of toner that remains.

### Toner Alert

Displays an alert message when the remaining toner is low, empty, or unknown.

### Order Online

- **Order Supplies Online** button  
Click this button to access the web site for ordering Dell printer supplies. This button appears when the amount of toner becomes less than 30%.

### Refresh button

Click this button to update the status of the printer.

### Close button

Click this button to close the **Printer Status** window.

## Dell Supplies Management System Window

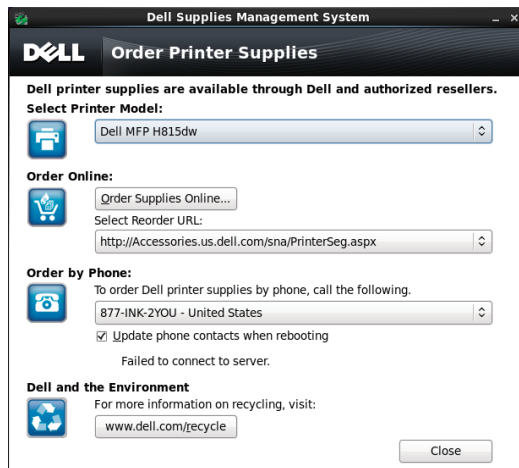
This window provides you with the information for ordering printer supplies by telephone or from the web site.

To open the Dell Supplies Management System window:

- 1 Click **Order Supplies Online** in the **Printer Status** window.

OR

Click **Dell Printers**→**Dell Supplies Management System**.



### Select Printer Model

Select your printer model name.

### Order Online

- **Order Supplies Online** button
  - When the Regular URL is selected in the **Select Reorder URL**:  
Click this button to open the **Service Tag** window.
  - When the Premier URL is selected in the **Select Reorder URL**:  
Click this button to open the procurement and support web site.

- **Select Reorder URL**

Displays a list of available URLs where you can order Dell printer supplies. Select a URL address to use when the **Order Supplies Online** button is clicked.

- Regular URL: <http://Accessories.us.dell.com/sna/PrinterSeg.aspx>
- Premier URL: <http://premier.dell.com>

### Order by Phone

- **To order Dell printer supplies by phone, call the following**  
Select your country with phone number from the list, and call the displayed telephone number to order supplies.
- **Update phone contacts when rebooting** check box  
Select this check box to regularly update the phone number list.

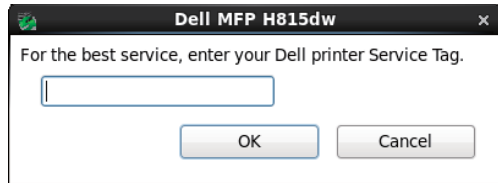
## Dell and the Environment

Click the hyperlink to access the web site about recycling.


## Close button

Click this button to close the **Dell Supplies Management System** window.

## Service Tag Window



- 1 Enter the Dell printer service tag.

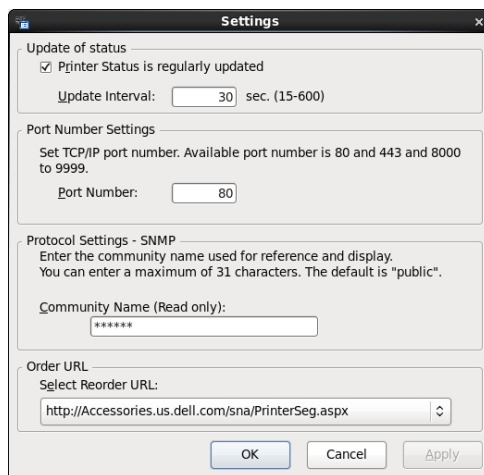
 **NOTE:** For information on the service tag, see "Express Service Code and Service Tag."

## Settings Window

To open the **Settings** window:

- 1 Click **Settings** in the **Printer Selection** window.

The **Settings** window appears.



### Update of status

- **Printer Status is regularly updated** check box  
Select the check box to enable/disable the printer status to be updated by the specified interval.
- **Update interval** text box  
Specify the update interval of the printer status.

### Port Number Settings

- **Port Number**  
Specify the port number in the **Port Number** text box to open the setting page of your printer in a web browser.

### Protocol Settings - SNMP

- Community Name

Enter the Community name of SNMP in the Community Name text box.

### Order URL

- Select Reorder URL

The selected URL address is set as default web site for the Select Reorder URL in the Dell Supplies Management System window.

## Tool Box (for Microsoft® Windows®)


The Tool Box allows you to view, specify, and diagnose the system settings.


### To start the Tool Box

- 1 Click Start → All Programs → Dell Printers → Dell Printer Hub or Dell Printer Management Tool.  
For Windows® 10: Click the Start button → Dell Printer Hub or Dell Printer Management Tool.
- 2 For Dell Printer Hub, select the printer from My Printers on the home screen.  
For Dell Printer Management Tool, select the printer displayed by default, or another printer from the drop-down list on the upper-right corner of the home screen.
- 3 Click the shortcut to the Tool Box on the left of the screen.  
For details on using the Tool Box, see the help on the Tool Box.

## Address Book Editor (for Microsoft® Windows® and OS X)

There are several address books available for Scan and Fax functions. Address books help you organize contact information, such as e-mail addresses, fax numbers and server information, and quickly choose the recipient or locate the address. The address book data can be obtained from the printer or a remote LDAP server.

 **NOTE:** Phone Book is described as one of Address Books in this section.


 **NOTE:** For information on how to setup the LDAP server, see "LDAP Server" and "LDAP User Mapping." For information on how to obtain e-mail addresses and fax numbers from LDAP servers, see "Using the Server Address Book and Server Phone Book."

### Types of Address Books

- E-mail Address Book (for Scan to Email)  
E-mail addresses registered for sending the scanned document via e-mail
- Email Group (for Scan to Email)  
Groups of e-mail addresses registered for sending the scanned document via e-mail
- LDAP Server Address Book (for Scan to Email)  
E-mail addresses registered in the LDAP server for sending the scanned document via e-mail
- Network Address Book (for Scan to Network Folder)  
Computer and FTP server information registered for sending the scanned document to a computer or ftp server
- Phone Book (for Fax)  
Fax numbers registered for sending documents from your printer


- Group Dial (for Fax)  
Groups of fax numbers registered for sending documents from your printer
- LDAP Server Phone Book (for Fax)  
Fax numbers registered in the LDAP server for sending documents from your printer
- PC Fax Address Book (for Direct Fax)  
Fax numbers registered for sending documents from your computer
- PC Fax Address Book for group (for Direct Fax)  
Groups of fax numbers registered for sending documents from your computer

### Adding and Editing Entries to the Address Books Using the Address Book Editor

 **NOTE:** You can add and edit the entries to the Address Books also from the operator panel of the printer or using the Dell Printer Configuration Web Tool.  
See "Setting Speed Dial" for using the operator panel, or "Address Book" for using the Dell Printer Configuration Web Tool.

Functions	Features	Types of Address Books	Entry Registration		
			Operator Panel on the Printer	Address Book Editor	Dell Printer Configuration Web Tool
Scan	E-mail	Address Book	-	●	●
		Email Group	-	●	●
		Server Address Book (LDAP server)	-	-	-
	Network	Address Book	-	●	●
Fax	Fax	Phone Book	●	●	●
		Group Dial	●	●	●
		Server Phone Book (LDAP server)	-	-	-
	Direct Fax	PC Fax Address Book	-	●	-
		PC Fax Address Book - group	-	●	-


You can use **Address Book Editor** installed on your computer to add or edit entries. **Address Book Editor** is synchronized with the address books of your printer and updated simultaneously as you save changes to the entries in **Address Book Editor**.

 **NOTE:** This tool is supported on both Microsoft® Windows® and OS X.

 **NOTE:** When the printer and your computer is connected via USB, you must install the scanner driver.

With **Address Book Editor**, you can:

- Automatically retrieves data from the address books of your printer at startup
- Synchronizes with the printer
- Allows you to import the Address Book data from CSV file, WAB file, MAPI, and LDAP server
- Allows you to export the Address Book data into a CSV file

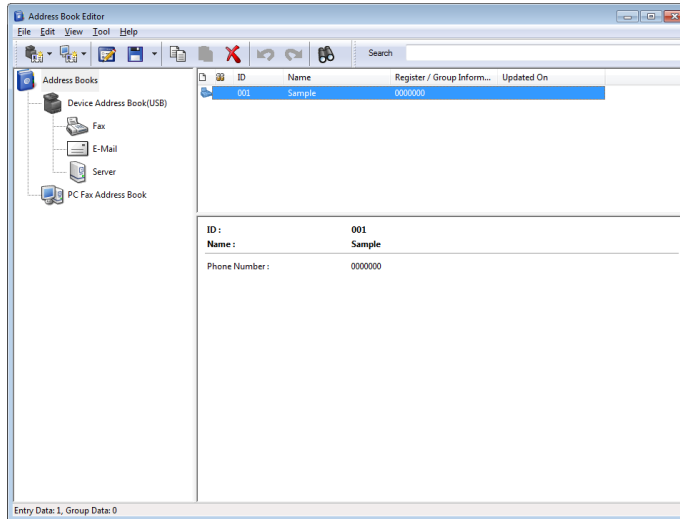
 **NOTE:** Do not edit the exported CSV file with applications other than the **Address Book Editor**. Editing the CSV file with other applications may corrupt the address data.



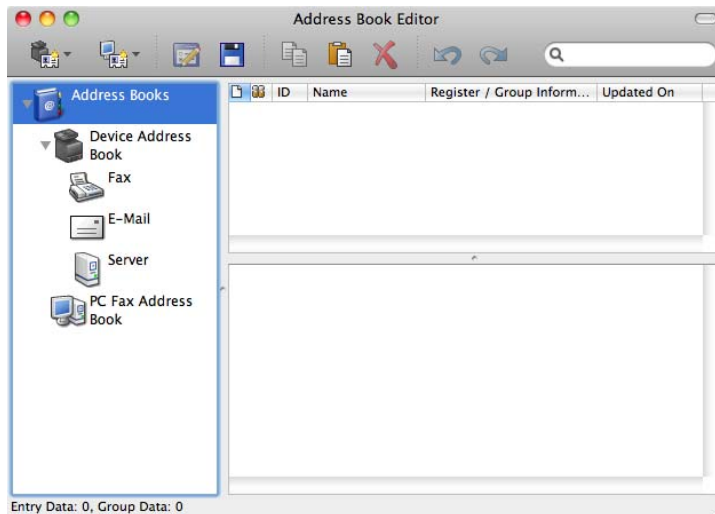
## Address Book Panel

There are two address books you can manage in the **Address Book Editor**: Device Address Book for Fax, E-mail, and Server and PC Fax Address Book for Direct Fax.

For Microsoft® Windows®:



For Apple Macintosh:



- **Device Address Book**

- **Fax**

- Links to the printer's Address Book for Fax feature. You can register up to 200 fax numbers and 6 groups with 200 fax numbers.

- **E-Mail**

- Links to the printer's Address Book for Scan to Email feature. You can register up to 100 e-mail addresses and 10 groups with 10 e-mail addresses.

- **Server**

Links to the printer's Address Book for Scan to Network Folder feature. You can register up to 32 server information.

- **PC Fax Address Book**

You can manage the PC Fax Address Book for using Direct Fax feature on your computer. You can register up to 500 fax numbers and 500 groups with 30 fax numbers.

**Editing an entry:**

- 1 Select an Address Book that the entry you want to edit is stored.
- 2 Select an entry that you want to edit.
- 3 Click **Edit**, and enter new information.
- 4 Click **Save** to save changes.



**NOTE:** When the address book entries are updated, it synchronizes with the printer and updates the address books of your printer simultaneously.

## ScanButton Manager (for OS X)

You can change the location to save the scanned data using the ScanButton Manager. See "Changing the Location to Save the Scanned Data."

## User Setup Disk Creating Tool (for Microsoft® Windows®)

The User Setup Disk Creating Tool program located in the **MakeDisk** folder of the **Utilities** folder on the *Software and Documentation* disc and the printer drivers located on the *Software and Documentation* disc are used to create driver installation packages that contain custom driver settings. A driver installation package can contain a group of saved printer driver settings and other data for things such as:


- Print orientation and Multiple Up (document settings)
- Watermarks
- Font references


If you want to install the printer driver with the same settings on multiple computers running the same operating system, create a setup disk in a media or in a server on the network. Using the setup disk that you have created will reduce the amount of work required when installing the printer driver.

- Install the printer driver in the computer on which the setup disk is to be created.
- The setup disk can only be used on the operating system on which the disk was created or computers running the same operating system. Create a separate setup disk for each of the operating systems.

# App Manager (for Microsoft® Windows®)


The App Manager is a utility that lets you manage the apps on your printer.


 **NOTE:** The App Manager is supported only on Windows® 7 or later.

 **NOTE:** The features of the **App Manager** may not be used when the printer has an error. If the **App Manager** does not respond, check and clear the status of the printer.

## Preparing to use the App Manager

To use the App Manager, it is recommended that your computer should have more than 25GB of storage space.

 **NOTE:** Your computer needs to be connected to a network. USB connection is not supported.

 **NOTE:** .Net Framework 4.0 or later is required.


## Starting the App Manager

### For the Dell Cloud Multifunction Printer | H815dw

- 1 Click Start → All Programs → Dell Printers → Dell Printer Hub.
- 2 Select the printer from My Printers on the home screen of the Dell Printer Hub.
- 3 Click App Manager on the left of the screen of the Dell Printer Hub.
- 4 Enter the same ID and password that is used for the Dell Printer Configuration Web Tool, and click OK.  
The Printers screen of the App Manager appears.

### For the Dell Smart Multifunction Printer | S2815dn

- 1 Click Start → All Programs → Dell Printers → Dell Printer Management Tool.
- 2 Select the printer displayed by default, or another printer from the drop-down list on the upper-right corner of the home screen.
- 3 Click App Manager on the left of the screen of the Dell Printer Management Tool.
- 4 Enter the same ID and password that is used for the Dell Printer Configuration Web Tool, and click OK.  
The Printers screen of the App Manager appears.

 **NOTE:** If the printer you are looking for does not appear in the list or cannot be accessed from the **App Manager**, check that the **On** check box for **Port9100** and **SNMP** is selected in the **Port Settings** of **Print Server Settings** tab in the **Dell Printer Configuration Web Tool**.



## User Authentication

Using the user authentication function of the printer, it is possible to create and manage up to 18 user accounts secured with a password. Each user of the accounts can customize the home screen and save the changes.

For the Dell™ Cloud Multifunction Printer | H815dw only, it is also possible to associate NFC (Near Field Communication) capable ID Cards to a user account. When the ID card is associated with a user account, you can login to that user account by waving the ID card over the NFC reader.

For the Dell Smart Multifunction Printer | S2815dn only, it is also possible to select the user authentication method from either local authentication or remote authentication. To use the remote authentication method, the LDAP or Kerberos server is required to authenticate the user. To select the user authentication method, see "Desktop Login" or "Desktop Authentication."

 **NOTE:** The Dell Cloud Multifunction Printer | H815dw supports the following card types:


- MIFARE Ultralight
- MIFARE Standard (Classic) 1K
- MIFARE Standard (Classic) 4K


 **NOTE:** The images used in this manual are those of the Dell Cloud Multifunction Printer | H815dw unless otherwise mentioned.

## Creating and Editing the User Accounts

To use user authentication, you must first create a user account.

### Creating a New User Account



- 1 Turn on the printer and wait until the portal screen is displayed.
- 2 Tap  .

 **NOTE:** If the Panel Lock Control is set to Enable, you need to enter the four-digit password to proceed further.

The dialog box is displayed to confirm to enter the edit mode.

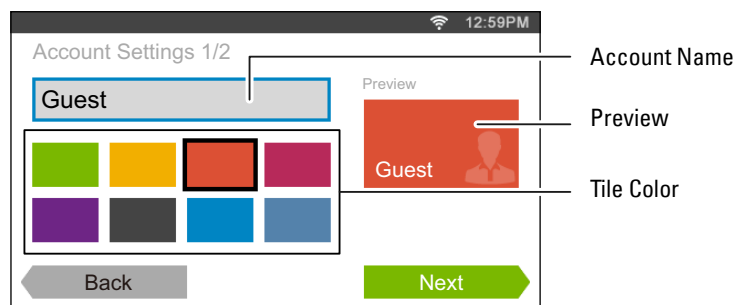
- 3 Tap OK.

The printer enters the edit mode, and the Add Account tile is displayed in the portal screen.

 **NOTE:** In the edit mode, each tile except the Add Account tile has  .

- 4 Enter the account name and select the tile color.

You can preview the image of your custom tile in **Preview**.



- 5 Tap **Next**.  
The **Account Settings 2/2** screen is displayed.


- 6 Enter the account password and NFC ID.


 **NOTES:**

- When there is a check mark in the **Initial Login** check box, the printer always displays the **Home** screen of the account when you turn on the printer. If no account is specified as **Initial Login**, the portal screen is displayed when you turn on the printer.
- You can create a new account without setting the account password.
- NFC ID is available only on the Dell Cloud Multifunction Printer | H815dw.
- When the NFC Authentication is disabled, **NFC ID** is not displayed.
- When you use UID as the NFC ID, enter the hexadecimal characters. The characters A to F should be entered in the capital letters.

- 7 Tap **Done**. The screen returns to the portal screen.




### Editing the User Account

- 1 Tap  in the portal screen to enter the edit mode.
- 2 Tap the account tile you want to edit.
- 3 Edit the account name, tile color, password, NFC ID, or **Initial Login**.

 **NOTE:** When the NFC authentication is disabled, **NFC ID** is not displayed.

- 4 Tap **Done**.  
The screen returns to the portal screen.


### Deleting the User Account

- 1 Tap  in the portal screen to enter the edit mode.
- 2 Tap and hold the account tile you want to edit.  
 is displayed.
- 3 Drag the tile to .
- 4 Tap **OK** to delete the tile.

## Logging In to the User Account on the Dell Cloud Multifunction Printer | H815dw

There are two ways to log in to the account. One is to log in using the touch panel, and the other is to log in using the NFC authentication card.

### Logging In Using the Touch Panel


- 1 Start the printer and wait until the portal screen is displayed.
- 2 Tap the account tile you want to log in to.  
 **NOTE:** When the account you want to log in to does not require a password, skip step 3. The **Home** screen is displayed.
- 3 Enter the account password, and tap **Login**.  
When the password is correct, the **Home** screen is displayed.

## Logging In Using the NFC Authentication Card

To use the NFC authentication card, the following settings are needed:

- Enable the NFC authentication function in Secure Settings of the operator panel.  
(See "NFC Authentication")
- Register your user account to the printer so that you can log in with your NFC Authentication card.  
(See "Creating a New User Account")

1 Turn on the printer and wait until the portal screen is displayed.


 **NOTE:** The NFC authentication is available only when the portal screen is displayed.

2 Wave the card over the NFC reader on the printer.

Your **Home** screen is displayed.

## Logging Out


When there is an account which is specified as `Initial Login`, turning on the printer will always display the **Home** screen of that account. To log in to another account, you need to log out first.

1 Press the  (**Login/Logout**) button on the operator panel.

The screen returns to the portal screen.

## Logging In to the User Account on the Dell Smart Multifunction Printer | S2815dn

You can select the user authentication method from either local authentication or remote authentication. To use the remote authentication method, the LDAP or Kerberos server is required to authenticate the user.

 **NOTE:** The Dell Smart Multifunction Printer | S2815dn requires Kerberos Version 5 and Windows Active Directory on the following Microsoft® Windows Server® operating systems:

- Windows Server® 2003
- Windows Server® 2008
- Windows Server® 2008 R2
- Windows Server® 2012
- Windows Server® 2012 R2

## Specifying the User Authentication Method

Use the operator panel menu or the **Dell Printer Configuration Web Tool**. For details about how to specify the user authentication method, see "Desktop Login" or "Desktop Authentication."

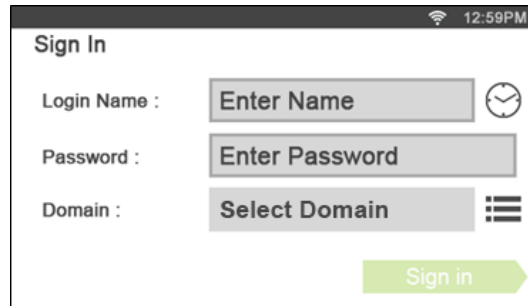
## Preparations for Remote Authentication

To use the remote authentication method, the printer needs to be configured so that the printer can access to the LDAP or Kerberos server, and the users need to be registered to the Server Address Book. For details, see "Using the Server Address Book and Server Phone Book" and "Address Book Editor (for Microsoft® Windows® and OS X)."

## Logging In for Remote Authentication

The **Sign In** screen is displayed when the printer is turned on while the printer is specified to use the remote authentication method.

Enter the login name and password registered in the LDAP or Kerberos server to log in to the printer.









To use the LDAP authentication, you can select one of the following methods to enter the user name and the domain name in the `Login Name` text box.

- Method 1    `[user name]`
- Method 2    `[domain name]\[user name]`
- Method 3    `[user name]@[domain1].[domain2]`


The `[domain2]` in the method 3 can be specified in the **Dell Printer Configuration Web Tool**, using the “Use Added Text String” feature. In the `Login Name` text box on the **Sign In** screen, enter only the `[user name]@[domain1]`. For details, see "LDAP Authentication."

To use the Kerberos authentication, tap  to select a domain name of the Kerberos server from a list. You need to configure the domain names beforehand in the **Dell Printer Configuration Web Tool**. Up to five Kerberos servers can be configured. For details, see "Kerberos Server."

-  **NOTE:** To enter the accented characters, tap  to display the keyboard for those characters.
-  **NOTE:** When you enter the login name, you can also tap  to select a login name from a list. The list can contain up to eight recently entered login names.
-  **NOTE:** When the remote authentication method is used, the same **Home** screen is displayed for each user.
-  **NOTE:** The `Domain` text box is displayed only when the Kerberos server is used for the remote authentication.


### Logging In for Local Authentication

When the printer is specified to use the local authentication method, you can log in to the account using the touch panel.

- 1 Start the printer and wait until the portal screen is displayed.
- 2 Tap the account tile you want to log in to.
  -  **NOTE:** When the account you want to log in to does not require a password, skip step 3. The **Home** screen is displayed.
- 3 Enter the account password, and tap `Login`.  
When the password is correct, the **Home** screen is displayed.

### Logging Out

When there is an account which is specified as `Initial Login`, turning on the printer will always display the **Home** screen of that account. To log in to another account, you need to log out first.

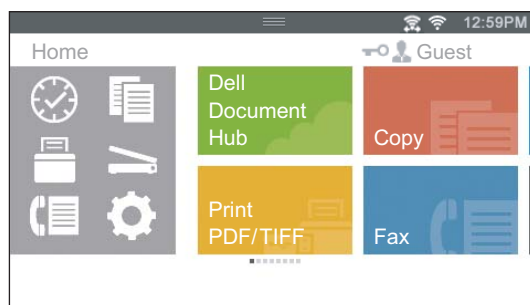
- 1 Press the  (**Login/Logout**) button on the operator panel.  
The screen returns to the portal screen.



## Tile Customization

The **Home** screen is like a desktop of your computer and customizable to suit your preference or work style.

For example, you can gather only the tiles you often use, or rearrange the tiles so that you can easily access the tiles you often use.



The tiles on the **Home** screen can be the shortcuts to the jobs to be done on the printer, like "taking seven copies of the handouts for the weekly meeting in 2-Sided copy" or "scanning the document and sending the scanned file to my boss by e-mail." If you create a tile for a job with such job settings, the printer will automatically change the settings of the printer as you specified just by tapping the tile.

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.


### Adding a New Tile

You can select and add the tile from the pre-defined tiles, or you can create a new customized tile which includes specific settings for copy, fax, scan or print. Up to 41 tiles can be placed in your **Home** screen.

You can also add tiles to each of the **Copy**, **Print**, **Scan**, and **Fax** group screen that is displayed when tapping the icons in the Dock Menu. Up to 8 tiles can be placed in each group screen.

#### Selecting From the Pre-defined Tiles

The printer offers the pre-defined tiles which include the default job settings.

- 1 On the **Home** screen or group screen, tap the Add App tile.  
The Apps List screen is displayed.
- 2 Tap the tile you want to add to your **Home** screen or group screen.  
 indicates that the tile already exists in your **Home** screen.


#### Creating a New Tile Including the Job Settings


You may often use the same settings to copy a certain document, for example. You can create the tile including those job settings and save it in your **Home** screen.


#### Creating Your Custom Tile for Job With Its Job Settings

The following explanation is an example to create your custom tile for copying.

To create custom tiles for other jobs such as faxing, scanning, or printing, follow the same procedures on the job settings screen of each job.


- 1 Tap the Copy tile in your **Home** screen.  
The **Copy Settings** screen is displayed.
- 2 Tap the setting tiles to change the copy options as needed. For more information, see "Setting Copy Options."
- 3 After setting all the necessary copy options, tap  .  
The **Save Settings** screen is displayed.
- 4 Tap the text box to name your settings.
- 5 Tap the color tile to select the color of your custom tile.  
You can preview the image of your custom tile in **Preview**.
- 6 Tap **Save As**.  
Your settings are saved as a new tile in your **Home** screen.

 **NOTE:** When a tile has the Lock icon, that function is controlled by the **Functions Control** setting. To enable the function, you need to enter the password.  
For more information, see "Functions Control."


 **NOTE:** When you save the job settings for **Fax** or **Scan to Email** as a custom tile, recipient information is saved together with the settings. To prevent from sending faxes or e-mails to wrong recipients, check that the fax number or the e-mail address of the recipient shown in the operator panel is correct.  
To prevent others from using customized tiles with personal information, logout from your user account after you finish using the printer.

### Editing Your Custom Tile for Job

You can edit the job settings saved in your custom tile.

- 1 Tap the tile you want to edit in your **Home** screen or group screen.
- 2 Change the job settings as needed.
- 3 Tap  .  
The **Save Settings** screen is displayed.
- 4 Tap the text box to name your settings if you want to rename your settings.
- 5 Tap the color tile if you want to change the color of the tile.
- 6 Tap **Save**.  
Your settings are overwritten.

If you have renamed the tile name, the new settings overwrites the old settings, and the tile is renamed with a new name.

 **NOTE:** If you tap **Save As** instead, the new tile will be added in your **Home** screen.

### Moving or Deleting Your Tiles


You can move or delete your tiles from your **Home** screen or group screen.

For more information, see "Moving, Adding or Deleting the Tiles."

# Using the Server Address Book and Server Phone Book

With the **E-mail Server Address Book** and the **Fax Server Phone Book**, you can specify an e-mail address or fax number of a recipient registered in the external LDAP server when sending a scanned image with e-mail or fax.

To use the **E-mail Server Address Book** and the **Fax Server Phone Book**, the printer needs to be configured in order to access the external LDAP server.

 **NOTE:** To configure the settings of the external LDAP server, consult your system administrator.

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

## Preparing the Printer to Access the External LDAP Server

Set the following items using the Dell Printer Configuration Web Tool.

- Authentication type
- LDAP Server
- LDAP User Mapping

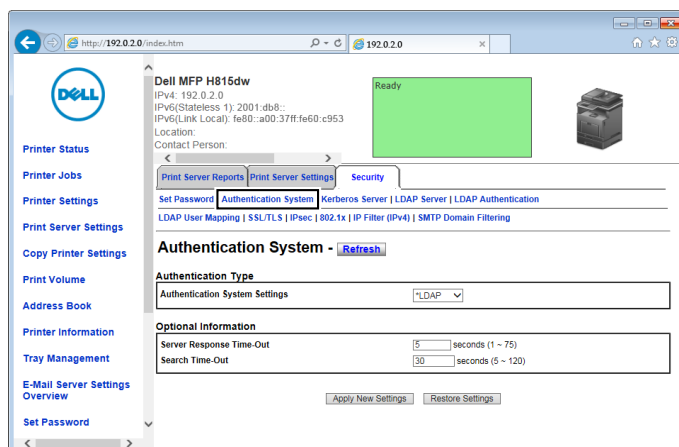
### Starting the Dell Printer Configuration Web Tool

To launch the Dell Printer Configuration Web Tool, enter the IP address of your printer in your web browser.


If you do not know the IP address of your printer, print the system settings report or display the **TCP/IP Settings** page, which lists the IP address. For details about how to find your printer's IP address, see "Verifying the IP Settings."

### Setting Authentication Type

- 1 Select **Print Server Settings**, click the **Security** tab, and then select **Authentication System**.




- 2 From the **Authentication System Settings** drop-down menu under **Authentication Type**, select **LDAP** as the authentication method, and then click **Apply New Settings**.

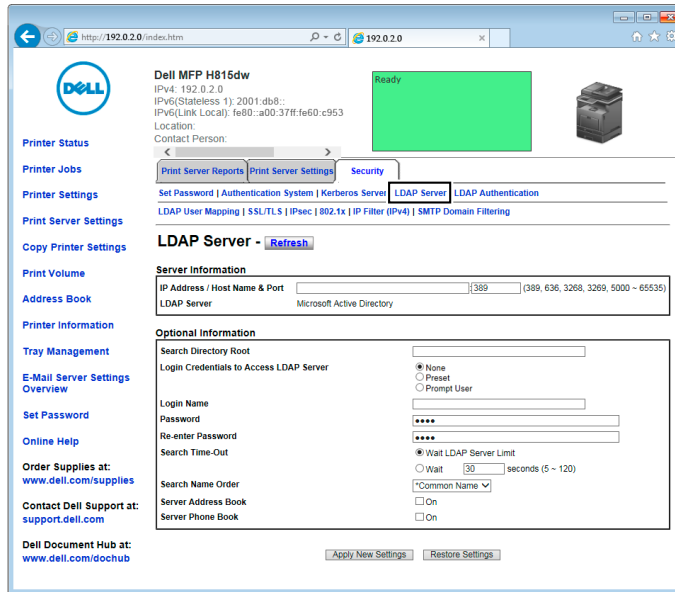
 **NOTE:** When the server you are accessing uses the Kerberos authentication, select **Kerberos** as the authentication method. To set the information necessary to access the Kerberos server, enter the information in **Kerberos Server** under the **Security** tab. For more information, see "Kerberos Server."

- 3 Click **Restart Printer**.


## Setting LDAP Server

 **NOTE:** When SSL/TLS communication is required to access the LDAP server, enter a check in the **Enable** check box for **LDAP-SSL/TLS Communication** in **SSL/TLS** under the **Security** tab. For more information, see "SSL/TLS."

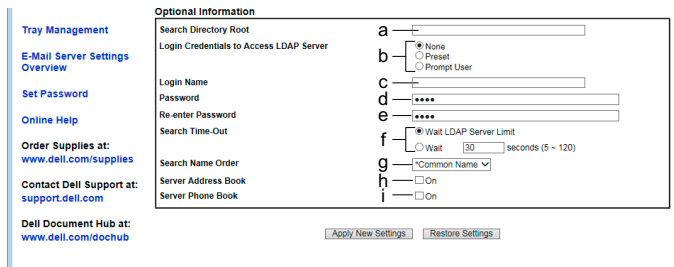
- 1 Select Print Server Settings, click the Security tab, and then select LDAP Server.



- 2 In the IP Address/Host Name & Port text box under **Server Information**, enter IP address or the host name, and the port number. The port number must be 389, 636, 3268, 3269, or between 5000 and 65535.

 **NOTE:** When LDAPS communication is required, set the port number to 636, and when you use the global catalog, set the port number to 3269.

- 3 Under **Optional information**, set the following items.



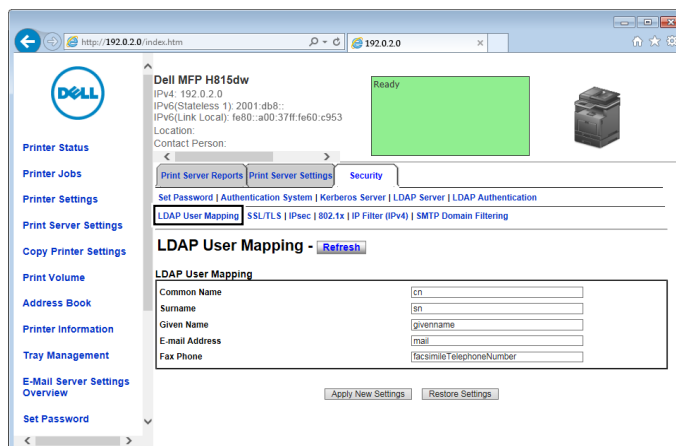
For details on configuring each item, consult your network administrator.

- a In the **Search Directory Root** text box, enter the search directory root.
- b In **Login Credentials to Access LDAP Server**, select credential used to access the LDAP server. Select **None** to use anonymous login. Make sure that the LDAP server accepts anonymous login. Select **Preset** to apply the preset login credentials to each user. Select **Prompt User** to prompt the users to enter their login credentials.
- c In the **Login Name** text box, enter the login name.

- d In the **Password** text box, enter the login password using 1 to 127 alphanumeric characters. If the password is left blank (NULL), you cannot log in to a server.
  - e In the **Re-enter Password** text box, enter the login password again to confirm it.
  - f In **Search Time-Out**, select **Wait LDAP Server Limit** to follow the time specified by the LDAP server. Select **Wait** to specify the time between 5 and 120 seconds.
  - g From the **Search Name Order** drop-down menu, specify the search order.
  - h In **Server Address Book**, select the check box to enable the server address book.
  - i In **Server Phone Book**, select the check box to enable the server phone book.
- 4 Click **Apply New Settings**.
  - 5 Click **Restart Printer**.



## Setting LDAP User Mapping

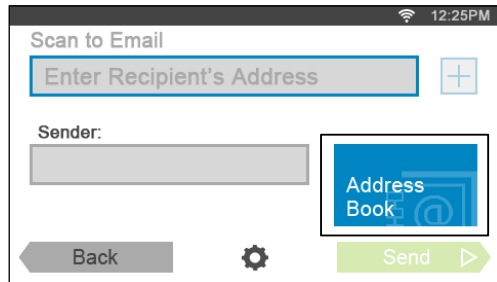
- 1 Select **Print Server Settings**, click the **Security** tab, and then select **LDAP User Mapping**.




- 2 Specify the attribute names used in the LDAP server. If the attribute names are not customized in the LDAP server, leave the settings in this step as they are by default.
- 3 Click **Apply New Settings** if you make any changes.
- 4 Click **Restart Printer**.



## Sending an E-mail With the Scanned File Using the E-mail Server Address Book

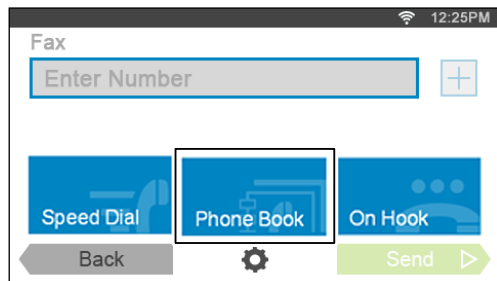
- 1 Press the  (Home) button.
- 2 Tap  → Scan to Email.
- 3 Tap Address Book.



- 4 Tap Network Address Book.
  - 5 Enter a keyword using the keyboard, and then tap Search.
  - 6 Tap a recipient from the search result, and then tap Done.
-  **NOTE:** The sender's e-mail address cannot be edited when the remote authentication is used as the user authentication method on the Dell Smart Multifunction Printer | S2815dn.
- 7 Tap Send to begin scanning the document and sending an e-mail with the scanned file.

## Sending a Fax Using the Fax Server Phone Book

- 1 Press the  (Home) button.
- 2 Tap  → Fax.
- 3 Tap Phone Book.



- 4 Tap Network Address Book.
- 5 Enter a keyword using the keyboard, and then tap Search.
- 6 Tap a recipient from the search result, and then tap Done.
- 7 Tap Send to send the fax.

## Using Digital Certificates

The authentication feature using digital certificates upgrades security when sending print data or setting data.

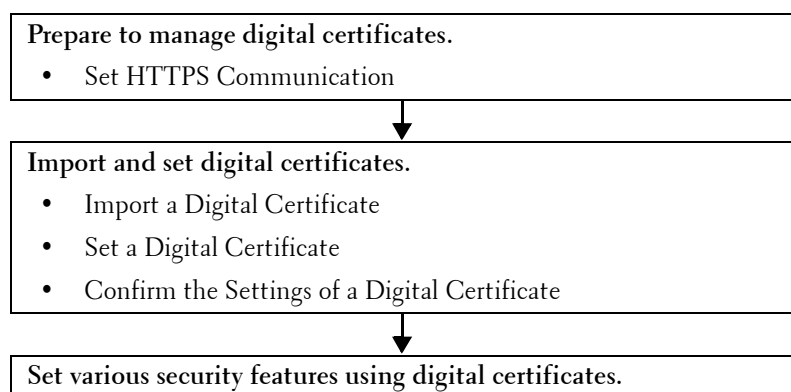
This chapter describes how to manage digital certificates.

The printer supports the following formats as the digital certificates.

- PKCS#12  
HTTPS, IPsec (PKI), Wi-Fi (WPA-Enterprise)
- PKCS#7 (for CSR)  
HTTPS, IPsec (PKI)

 **NOTE:** For information about digital certificate error, see "Understanding Printer Messages" and "Digital Certificate Problems."

The following is a typical setup flow for using digital certificates.



## Managing Certificates

This section describes how to manage digital certificates as follows.

- "Preparing to Manage Certificates"
- "Creating and Downloading a Certificate Signing Request (CSR)"
- "Importing a Digital Certificate"
- "Setting a Digital Certificate"
- "Confirming the Settings of a Digital Certificate"
- "Deleting a Digital Certificate"
- "Exporting a Digital Certificate"

### Preparing to Manage Certificates

Before managing digital certificates, the following settings must be applied.

- "Setting HTTPS Communication"
- "Creating and Downloading a Certificate Signing Request (CSR)"


## Setting HTTPS Communication

Before managing certificates, set HTTPS communication with a self-signed certificate.

### *When Using the Dell™ Printer Configuration Web Tool*

- 1 Launch Dell Printer Configuration Web Tool.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Select **Print Server Settings**.
- 3 Click the **Security** tab.
- 4 Select **SSL/TLS**.
- 5 Click **Generate Self-Signed Certificate of Machine Digital Certificate**. The **Generate Self-Signed Certificate** page is displayed.
- 6 Select the public key method from the list of **Public Key Method**.
- 7 Select the size of public key from the list of **Size of Public Key**.
- 8 Specify the issuer of self-signed certificate.
- 9 Click **Generate Signed Certificate**.
- 10 The **Restart Printer** button is displayed after generating the self-signed certificate, and then click **Restart Printer**.
- 11 Repeat steps 2 to 4 to display the **SSL/TLS** page after restarting the printer.
- 12 Confirm that the **HTTP- SSL/TLS Communication** column is set to **Enable**.

## Creating and Downloading a Certificate Signing Request (CSR)


 **NOTE:** To download a CSR from the printer, you must set up HTTPS communication. For details, see "Setting HTTPS Communication."


- 1 Launch Dell Printer Configuration Web Tool.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Select **Print Server Settings**.
- 3 Click the **Security** tab.
- 4 Select **SSL/TLS**.
- 5 Click **Certificate Signing Request (CSR)**.  
The **Certificate Signing Request (CSR)** page is displayed.
- 6 Specify each item of certificate signing request.
- 7 Click **Apply New Settings**.
- 8 Confirm the settings of certificate signing request, and then click **Download**.
- 9 Save a CSR file to your computer.  
Use this CSR to receive a signed certificate from a trusted certificate authority.


## Importing a Digital Certificate

 **CAUTION:** Before importing a certificate file, back up the certificate file.



 **NOTE:** To manage digital certificates, you must set up HTTPS communication. For details, see "Preparing to Manage Certificates."


 **NOTE:** Be sure to import the certificate with Internet Explorer®.

 **NOTE:** After importing a PKCS#12 format certificate, the secret key is not exported even if you execute exporting.


- 1 Launch **Dell Printer Configuration Web Tool**.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Select **Print Server Settings**.
- 3 Click the **Security** tab.
- 4 Select **SSL/TLS**.
- 5 Click **Upload Signed Certificate of Machine Digital Certificate**.  
The **Upload Signed Certificate** page is displayed.
- 6 Enter a password.

 **NOTE:** The password is not necessary when importing a PKCS#7 format certificate, which is having the filename extension of .p7b.
- 7 Re-enter the password again to confirm it.
- 8 Click **Browse of File Name**, and select the file to be imported.
- 9 Click **Import** to import the certificate.

## Setting a Digital Certificate

 **NOTE:** To manage digital certificates, you must set up HTTPS communication. For details, see "Preparing to Manage Certificates."

- 1 Launch **Dell Printer Configuration Web Tool**.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Select **Print Server Settings**.
- 3 Click the **Security** tab.
- 4 Select **SSL/TLS**.
- 5 Click **Certificate Management** to display the **Certificate Management** page.
- 6 When setting a **Wireless LAN (Server)\*** certificate, select **Trusted Certificate Authorities** within **Category**.  
When setting a certificate of **SSL/TLS Server**, **SSL/TLS Client**, **IPsec**, or **Wireless LAN (Client)\***, select **Local Device**.
- 7 Select the purpose of use from the **Certificate Purpose** list.
- 8 Click **Display the List** to display the **Certificate List** page.


 **NOTE:** If the list includes more than 20 certificates, click **Next** to display the next page.
- 9 Select the certificate to associate. At this time, confirm that **Validity** of the certificate selected is set to **Valid**.
- 10 Click **Certificate Details** to display the **Certificate Details** page.
- 11 Confirm the content, and click **Use This Certificate** at the upper-right corner.

\* Dell Cloud Multifunction Printer | H815dw only

## Confirming the Settings of a Digital Certificate

 **NOTE:** To manage digital certificates, you must set up HTTPS communication. For details, see "Preparing to Manage Certificates."


- 1 Launch **Dell Printer Configuration Web Tool**.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Select **Print Server Settings**.
- 3 Click the **Security** tab.
- 4 Select **SSL/TLS**.
- 5 Click **Certificate Management** to display the **Certificate Management** page.
- 6 Select the category from the **Category** list.
- 7 Select the purpose of use from the **Certificate Purpose** list.
- 8 Click **Display the List** to display the **Certificate List** page.


 **NOTE:** If the list includes more than 20 certificates, click **Next** to display the next page.
- 9 The certificate displayed with an asterisk as **"\*Valid"** in the **Validity** column is the certificate associated with the use purpose and actually used.

## Deleting a Digital Certificate

 **NOTE:** To manage digital certificates, you must set up HTTPS communication. For details, see "Preparing to Manage Certificates."

- 1 Launch **Dell Printer Configuration Web Tool**.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Select **Print Server Settings**.
- 3 Click the **Security** tab.
- 4 Select **SSL/TLS**.
- 5 Click **Certificate Management** to display the **Certificate Management** page.
- 6 Select the category from the **Category** list.
- 7 Select the purpose of use from the **Certificate Purpose** list.
- 8 Click **Display the List** to display the **Certificate List** page.

 **NOTE:** If the list includes more than 20 certificates, click **Next** to display the next page.
- 9 Select the certificate to be deleted.
- 10 Click **Certificate Details** to display the **Certificate Details** page.
- 11 To delete the selected certificate, click **Delete** at the upper-right corner.

 **NOTE:** When a certificate is deleted, the features associated with the deleted certificate are disabled. To delete a certificate being used, either set the feature to OFF in advance or switch the association to another certificate, and then switch to another operation mode if possible before deleting the certificate.


  - For an SSL/TLS Server, switch to another certificate such as a self-signed certificate.

- For Wireless LAN\*, change the Wireless Security setting to other than WPA-Enterprise before deleting the certificate.


\* Dell Cloud Multifunction Printer | H815dw only

## Exporting a Digital Certificate

 **NOTE:** To manage digital certificates, you must set up HTTPS communication. For details, see "Preparing to Manage Certificates."

 **NOTE:** Since the secret key is not exported, an imported PKCS#12 format certificate can be exported only as a PKCS#7 certificate.

- 1 Launch **Dell Printer Configuration Web Tool**.
  - a Open the web browser.
  - b Enter the IP address of your printer in the web browser.  
See "Dell™ Printer Configuration Web Tool."
- 2 Select **Print Server Settings**.
- 3 Click the **Security** tab.
- 4 Select **SSL/TLS**.
- 5 Click **Certificate Management** to display the **Certificate Management** page.
- 6 Select the category from the **Category** list.
- 7 Select the purpose of use from the **Certificate Purpose** list.
- 8 Click **Display the List** to display the **Certificate List** page.
 


 **NOTE:** If the list includes more than 20 certificates, click **Next** to display the next page.
- 9 Select the certificate to be exported.
- 10 Click **Certificate Details** to display the **Certificate Details** page.
- 11 To export the selected certificate, click **Export this certificate**.


## Setting the Features

You can set various security features using digital certificates.


See the following for details:

- "Setting the SSL/TLS-use Server Certificate (HTTP/IPP)"
- "Setting SMTP-SSL/TLS Communication"
- "Setting LDAP-SSL/TLS Communication"
- "Setting for Wireless LAN WPA-Enterprise (EAP-TLS)"
 


 **NOTE:** This feature is available on the Dell Cloud Multifunction Printer | H815dw only.
- "Setting for Wireless LAN WPA-Enterprise (PEAPV0-MS-CHAPV2, EAP-TTLS PAP, EAP-TTLS CHAP)"
 

 **NOTE:** This feature is available on the Dell Cloud Multifunction Printer | H815dw only.

## Setting the SSL/TLS-use Server Certificate (HTTP/IPP)

 **NOTE:** To manage digital certificates, you must set up HTTPS communication. For details, see "Preparing to Manage Certificates."

- 1 Import the certificate to be used with the SSL/TLS-use server. For more information, see "Importing a Digital Certificate."
- 2 Set the certificate to be used with the SSL/TLS-use server. For more information, see "Setting a Digital Certificate."
- 3 Confirm whether the certificate is set correctly. For more information, see "Confirming the Settings of a Digital Certificate."

 **NOTE:** Confirm whether the newly set certificate, not the self-signed certificate, is associated.

- 4 After restarting the printer, the certificate set as described above is used as the server certificate when executing communication with HTTP/IPP-SSL/TLS.

## Setting SMTP-SSL/TLS Communication


- 1 Select **Print Server Settings** from the left side of the page.
- 2 Click the **Security** tab.
- 3 Select **SSL/TLS**.
- 4 Select **Enable** from the **SMTP-SSL/TLS Communication** list.
- 5 Click **Apply New Settings**.
- 6 After restarting the printer, SMTP-SSL/TLS Communication is enabled.


## Setting LDAP-SSL/TLS Communication


- 1 Select **Print Server Settings** from the left side of the page.
- 2 Click the **Security** tab.
- 3 Select **SSL/TLS**.
- 4 Select the **Enable** check box for **LDAP-SSL/TLS Communication**.
- 5 Click **Apply New Settings**.
- 6 After restarting the printer, LDAP-SSL/TLS Communication is enabled.


## Setting for Wireless LAN WPA-Enterprise (EAP-TLS)

 **NOTE:** This feature is available on the Dell Cloud Multifunction Printer | H815dw only.


 **NOTE:** To manage digital certificates, you must set up HTTPS communication. For details, see "Preparing to Manage Certificates."

 **NOTE:** WPA-Enterprise is available only when infrastructure is selected as the network type.

 **NOTE:** Be sure to import the certificate with Internet Explorer®.

 **NOTE:** After importing a PKCS#12 format certificate, the secret key is not exported even if you execute exporting.

- 1 Import the certificate to be used with Wireless LAN (server or root certificate). For details, see "Importing a Digital Certificate."
- 2 Set the digital certificate for wireless LAN (server or root certificate).
  - a Launch **Dell Printer Configuration Web Tool**.
  - b Select **Print Server Settings**.
  - c Click the **Security** tab.


- d Select **SSL/TLS**.
  - e Click **Certificate Management** to display the **Certificate Management** page.
  - f Select **Trusted Certificate Authorities** within **Category**.
  - g Select **Wireless LAN (Server)** from the **Certificate Purpose** list.
  - h From **Certificate Order**, select how the certificates are sorted in **Certificate List**. This setting is not necessary if you do not need to specify the order for the certificates.
  - i Click **Display the List** to display the **Certificate List** page.
  - j Select the certificate to associate. At this time, confirm that **Validity** of the certificate selected is set to **Valid**.
  - k Click **Certificate Details** to display the **Certificate Details** page.
  - l Confirm the content, and click **Use This Certificate** at the upper-right corner.
- 3** Confirm whether the certificate is set correctly. For details, see "Confirming the Settings of a Digital Certificate."
- 4** Import the certificate to be used with Wireless LAN (client or client certificate). For details, see "Importing a Digital Certificate."
- 5** Set the digital certificate for wireless LAN (client or client certificate).
- a Launch **Dell Printer Configuration Web Tool**.
  - b Select **Print Server Settings**.
  - c Click the **Security** tab.
  - d Select **SSL/TLS**.
  - e Click **Certificate Management** to display the **Certificate Management** page.
  - f Select **Local Device** within **Category**.
  - g Select **Wireless LAN (Client)** from the **Certificate Purpose** list.
  - h From **Certificate Order**, select how the certificates are sorted in **Certificate List**. This setting is not necessary if you do not need to specify the order for the certificates.
  - i Click **Display the List** to display the **Certificate List** page.
  - j Select the certificate to associate. At this time, confirm that **Validity** of the certificate selected is set to **Valid**.
  - k Click **Certificate Details** to display the **Certificate Details** page.
  - l Confirm the content, and click **Use This Certificate** at the upper-right corner.
- 6** Confirm whether the certificate is set correctly. For details, see "Confirming the Settings of a Digital Certificate."
- 7** Set WPA-Enterprise for EAP-TLS.
- a Launch **Dell Printer Configuration Web Tool**.
  - b Click the **Print Server Settings** tab.
  - c Select **Wi-Fi**.
  - d Select **WPA-Enterprise-AES/WPA2-Enterprise-AES** or **Mixed Mode Enterprise** from the **Encryption** list of **Security Settings**.
-  **NOTE:** **WPA-Enterprise-AES/WPA2-Enterprise-AES** or **Mixed Mode Enterprise** becomes available only when the following steps are set correctly.
- Importing a Digital Certificate
  - Setting a Digital Certificate
  - Confirming the Settings of a Digital Certificate
- e Set **EAP-Identity** of **WPA-Enterprise**.
  - f Select **EAP-TLS** from the **Authentication Method** list of **WPA-Enterprise**.


- g Click **Apply New Settings**.


### Setting for Wireless LAN WPA-Enterprise (PEAPV0-MS-CHAPV2, EAP-TTLS PAP, EAP-TTLS CHAP)

 **NOTE:** This feature is available on the Dell Cloud Multifunction Printer | H815dw only.


 **NOTE:** To manage digital certificates, you must set up HTTPS communication. For details, see "Preparing to Manage Certificates."

 **NOTE:** WPA-Enterprise is available only when infrastructure is selected as the network type.

 **NOTE:** Be sure to import the certificate with Internet Explorer®.

 **NOTE:** After importing a PKCS#12 format certificate, the secret key is not exported even if you execute exporting.

- 1 Import the certificate to be used with Wireless LAN (server or root certificate). For details, see "Importing a Digital Certificate."
- 2 Set the digital certificate for wireless LAN (server or root certificate).
  - a Launch **Dell Printer Configuration Web Tool**.
  - b Select **Print Server Settings**.
  - c Click the **Security** tab.
  - d Select **SSL/TLS**.
  - e Click **Certificate Management** to display the **Certificate Management** page.
  - f Select **Trusted Certificate Authorities** within **Category**.
  - g Select the purpose of use from the **Certificate Purpose** list.
  - h Click **Display the List** to display the **Certificate List** page.
  - i Select the certificate to associate. At this time, confirm that **Validity** of the certificate selected is set to **Valid**.
  - j Click **Certificate Details** to display the **Certificate Details** page.
  - k Confirm the content, and click **Use This Certificate** at the upper-right corner.
- 3 Confirm whether the certificate is set correctly.
  - a Launch **Dell Printer Configuration Web Tool**.
  - b Select **Print Server Settings**.
  - c Click the **Security** tab.
  - d Select **SSL/TLS**.
  - e Click **Certificate Management** to display the **Certificate Management** page.
  - f Select the category from the **Category** list.
  - g Select **Wireless LAN (Server)** from the **Certificate Purpose** list.
  - h From **Certificate Order**, select how the certificates are sorted in **Certificate List**. This setting is not necessary if you do not need to specify the order for the certificates.
  - i Click **Display the List** to display the **Certificate List** page.
  - j The certificate displayed with an asterisk as **\*Valid** in the **Validity** column is the certificate associated with the use purpose and actually used.
- 4 Set WPA-Enterprise for PEAPV0-MS-CHAPV2, EAP-TTLS PAP, or EAP-TTLS CHAP.
  - a Launch **Dell Printer Configuration Web Tool**.
  - b Click the **Print Server Settings** tab.
  - c Select **Wi-Fi**.

- d** Select **WPA-Enterprise-AES/WPA2-Enterprise-AES** or **Mixed Mode Enterprise** from the **Encryption** list of **Security Settings**.
-  **NOTE: WPA-Enterprise-AES/WPA2-Enterprise-AES** or **Mixed Mode Enterprise** becomes available only when the following steps are set correctly.
- Importing a Digital Certificate
  - Setting a Digital Certificate
  - Confirming the Settings of a Digital Certificate
- e** Set **EAP-Identity**, **Login Name**, and **Password** of **WPA-Enterprise**.
- f** Select either of the following from the **Authentication Method** list of **WPA-Enterprise**:
- **PEAPV0 MS-CHAPV2**
  - **EAP-TTLS PAP**
  - **EAP-TTLS CHAP**
- g** Click **Apply New Settings**.







## Understanding Printer Messages


The touch panel displays error messages describing the current state of the printer and indicates possible printer problems you must resolve. This chapter provides a list of status codes or error messages, and informs you what you can do to clear error messages. When you contact customer support about an error, have the status codes and error messages ready.

 **CAUTION:** When an error occurs, the print data remaining on the printer and the information accumulated in the memory of the printer may be corrupted.

 **NOTE:** An status code is listed in an error message.

 **NOTE:** For status codes that are not listed in this chapter, refer to instructions in each error messages.

### Status Codes

Status-Code	What you can do
004-310	Turn off the printer. Make sure that the tray is correctly installed, and turn on the printer. Contact customer support if this failure is repeated.
005-110	Remove the jammed documents.
005-112	Open the DADF cover and remove the jammed documents.
005-121	
005-124	Open the DADF cover and remove all documents.
005-301	Close the DADF cover.
005-900	Open the DADF cover and remove the jammed documents.
009-363	Turn off the printer. Make sure that the toner cartridge is correctly installed, and turn on the printer. Contact customer support if this failure is repeated. For more information about installing the toner cartridge, see "Replacing the Toner Cartridge."
009-370	Turn off the printer. Make sure that the black toner cartridge is correctly installed, and turn on the printer. Contact customer support if this failure is repeated. For more information about installing the toner cartridge, see "Replacing the Toner Cartridge."
010-317	Turn off the printer, wait for 40 minutes to let the fusing unit cool, and then make sure that the fusing unit is fully installed. For more information about installing the fusing unit, see "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller."
010-351	Turn off the printer. Remove the used fusing unit, and install a new fusing unit. For more information about replacing the fusing unit, see "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller."
010-377	Turn off the printer. Confirm that the fusing unit is correctly installed, and turn on the printer. Contact customer support if this failure is repeated. For more information about installing the fusing unit, see "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller."
010-421	It is time to replace the fusing unit soon. Replace the fusing unit, following the procedures in "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller."
010-910	Either one of the two envelope switches is not set to the correct position. Open the rear cover, and slide both the envelope switches on the fusing unit to the correct position. For more information about setting the envelope mode, see "To Set the Printer to the Envelope Mode."
010-911	The printer is not set to the envelope mode. To print on envelopes, it is recommended to set the printer to the envelope mode. Open the rear cover, and slide both the envelope switches on the fusing unit to the  position.

<b>Status-Code</b>	<b>What you can do</b>
010-912	The printer is set to the envelope mode. To cancel the envelope mode, open the rear cover, and slide both the envelope switches on the fusing unit to the  position. For more information about canceling the envelope mode, see "To Cancel the Envelope Mode."
010-913	The printer is set to the envelope mode. To cancel the envelope mode, open the rear cover, and slide both the envelope switches to the  position. For more information, see "To Cancel the Envelope Mode."
016-338	Turn off the printer, and turn it on again. Contact customer support if this failure is repeated.
016-404	Contact your system administrator. For more information about digital certificate problems, see "Digital Certificate Problems."
016-405	Security setting mismatch. Initialize the security setting, and then restart the printer. Contact your system administrator for the security resetting.
016-503	Unable to resolve the e-mail SMTP server hostname. Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if SMTP server and DNS server are set correctly.
016-504	Unable to resolve the e-mail POP3 server hostname. Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if user name and password for POP3 server and DNS server are set correctly.
016-505	E-mail POP3 server login error. Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if user name and password used for POP3 server are set correctly.
016-506	SMTP server is not configured. Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if SMTP server or POP server is set.
016-507	E-mail SMTP server login error. Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if user name and password used for SMTP server are set correctly.
016-520	IPsec certificate error. (Certificate error of the printer.) The certificate of the printer is invalid. Contact your system administrator. Reset the certificate from other connectable clients with <b>Dell™ Printer Configuration Web Tool</b> . If no device can be connected, disconnect Ethernet cable, turn off the IPsec, and then reset the certificate with <b>Dell Printer Configuration Web Tool</b> .
016-521	IPsec certificate error. (Remote device certification verification error.) The certificate of the destination client is invalid. Contact your system administrator. Confirm the certificate of the destination client and reset.
016-530	Authentication server access error. Turn off the printer, and turn it on again. Check the access settings for the authentication server and try again. Contact customer support if this failure is repeated.
016-541	A wireless certificate (server or client) cannot be correctly referenced while using Wireless LAN WPA-Enterprise or WPA2-Enterprise. Ask your system administrator to connect the printer with a wired network, initialize the wireless settings, import the wireless certificate, and set WPA-Enterprise or WPA2-Enterprise again.
016-542	A server certificate error has occurred when acquiring the certificate with the operation of WPA-Enterprise or WPA2-Enterprise. This is a problem in the server certificate, such as the validity period has expired for the server certificate being used with the Radius server. Ask your system administrator to confirm the server certificate being used with the Radius server.
016-543	A wireless certificate (server or client) corruption error has occurred while using the Wireless LAN WPA-Enterprise or WPA2-Enterprise. Ask your system administrator to connect the printer with a wired network, initialize the wireless settings, import the wireless certificate, and set WPA-Enterprise or WPA2-Enterprise again.
016-718	Error relating to USB Direct Print problems has occurred. While the USB memory is still inserted, set <b>Image Types</b> to <b>Photos (Standard Quality)</b> in <b>Print Settings</b> under the <b>Print PDF/TIFF</b> menu and try printing again. For more information about this setting, see "Image Types."
016-720	Error relating to PDL emulation problems has occurred. Change the <b>Print Mode</b> setting in the <b>Graphics</b> tab of the printer driver. Contact customer support if this failure is repeated.
016-756	Printing in the prohibited time. Contact your system administrator.
016-757	The account is not registered. Contact your system administrator.

<b>Status-Code</b>	<b>What you can do</b>
016-758	The function cannot be used. Contact your system administrator.
016-759	Printable page limit is exceeded. Contact your system administrator.
016-764	An error occurs when the printer connected to the SMTP server. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check the SMTP server settings or contact the SMTP server administrator.
016-765	The capacity of the SMTP server is not enough. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Contact the SMTP server administrator.
016-766	The e-mail exceeds the SMTP server size restriction. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Contact the SMTP server administrator.
016-767	The e-mail address of the recipient is incorrect. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check e-mail address, and try scanning again.
016-768	The e-mail address of the sender is incorrect. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check e-mail address, and try scanning again.
016-786	A timeout error occurs when sending or receiving scanned data. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if the Ethernet cable is connected properly. If there is no problem with the Ethernet cable, contact server administrator.
016-790	Network connection error. (IP address is not determined.) Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if the Ethernet cable is connected properly. If there is no problem with the Ethernet cable, contact server administrator.
016-799	Tap <b>Close</b> to clear the message and cancel the current print job. Confirm the configuration of the printer on the printer driver.
016-930	The device is not supported. Remove it from the front USB port.
016-931	The USB hub is not supported. Remove it from the front USB port.
016-985	Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Retry scanning by lowering the resolution setting or changing the file format of the scanned image.
016-986	
024-910	The paper size set is different from the specified size. Load the specified paper in tray1. To load paper in tray1, see "Loading Print Media."
024-911	The paper size set is different from the specified size. Load the specified paper in the optional 550-sheet feeder (tray2). To load paper in tray2, see "Loading Print Media."
024-914	The paper size set is different from the specified size. Load the specified paper in the multipurpose feeder (MPF). To load paper in the MPF, see "Loading Print Media."
024-965	Confirm that the size and type specified in the tray settings matches the size and type of paper loaded in the tray.
024-966	
024-969	
026-721	Check your USB memory: <ul style="list-style-type: none"> <li>• If the file size or the number of files exceeds the limit of your USB memory.</li> <li>• If your USB memory is write-protected.</li> </ul>
027-446	Change the IPv6 address to avoid duplication. Turn off the printer, and turn it on again.
027-452	Change the IPv4 address to avoid duplication. Turn off the printer, and turn it on again.
031-521	SMB server login error. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Confirm login-able computer with your system administrator.
031-522	SMB server login error. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if login name (domain name and user name) and password are correct.
031-523	Invalid SMB share name. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check the share name you specified.

<b>Status-Code</b>	<b>What you can do</b>
031-524	Exceeded the SMB server user account limit. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check the number of users who use the server at the same time is not exceeding the upper limit.
031-525	SMB destination client permission error. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if the specified user can read and write file at the storage location.
031-526	Unable to resolve the SMB server hostname. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check DNS connection, or check if forwarding destination server is registered with DNS.
031-527	Unable to resolve the SMB server hostname. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Set DNS address, or set forwarding destination server address as IP address.
031-528	Unable to connect to the SMB server. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if the printer can communicate via network with the forwarding destination SMB server. For example, check the following: <ul style="list-style-type: none"> <li>• Connection of an Ethernet cable</li> <li>• TCP/IP setting</li> <li>• Communication with Port 137 (UDP), 138 (UDP), and 139 (TCP).</li> </ul> For communication beyond the subnet, contact your system administrator.
031-529	SMB server login error. (Invalid password.) Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if password is correct.
031-530	The SMB share folder was not found on the specified SMB server. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check the following: <ul style="list-style-type: none"> <li>• Check if the storage location is correct.</li> <li>• Check if the file name you specified can be used when creating a file on the SMB server.</li> <li>• Have your system administrator check the DFS setting, and directly specify the SMB server, share name, and storage location according to the checked settings.</li> </ul>
031-531	Unable to get a file or folder name on the SMB server. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check access right of the folder you specified.
031-532	SMB scan file or folder name limit exceeded. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Change file name and forwarding destination folder, or move or delete file in forwarding destination folder.
031-533	Unable to write a file in the SMB server. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check the following: <ul style="list-style-type: none"> <li>• If the file name you specified is not used by other users.</li> <li>• If file or folder that has the same name as the one you specified already exists.</li> </ul>
031-534	Unable to create a folder on the SMB server. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check the following: <ul style="list-style-type: none"> <li>• If the file name you specified is not used by other users.</li> <li>• If file or folder that has the same name as the one you specified already exists.</li> </ul>
031-535	Unable to delete a file on the SMB server. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if other user is not operating file in storage location you specified.
031-536	Unable to delete a folder on the SMB server. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if other user is not operating file in storage location you specified.
031-537	SMB server capacity exceeded. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if storage location has free space.
031-539	The specified SMB server is invalid. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if server name is correct.
031-540	The specified domain name is invalid. Tap <b>Close</b> , or wait for 60 seconds for the printer to recover. Check if domain name is correct.

<b>Status-Code</b>	<b>What you can do</b>
031-541	Invalid user name specified for SMB server. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check if login name (user name) is correct.
031-542	TCP/IP not initialized. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Wait for a while and try the same operation again. Contact customer support if this failure is repeated.
031-543	SMB server login error. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check login permitted time with your system administrator.
031-544	SMB server login error. (Expired password.) Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check the password valid period with your system administrator.
031-545	SMB server login error. (Password change required.) Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check necessity of password change with your system administrator.
031-546	SMB server login error. (Invalid user is specified.) Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Contact your system administrator for the destination server settings.
031-547	SMB server login error. (The specified user is restricted from accessing the SMB server.) Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Contact your system administrator for the destination server settings.
031-548	SMB server login error. (Logon time of SMB destination expired.) Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Contact your system administrator for the destination server settings.
031-549	SMB server login error. Specified user is restricted, and a null password is prohibited. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. On server security settings, check access permission of null password user.
031-550	Append command not supported by SMB server. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check if the printer has access rights to append data to the SMB server. Check if server supports SMB append command.
031-551	Rename command not supported by SMB server. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check if the printer has access rights to rename data on the SMB server. Check if server supports SMB append command.
031-552	Job canceled. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Change the file name that already exists on FTP server.
031-574	Unable to resolve the FTP server hostname. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check DNS connection, or check if name of forwarding destination server is registered with DNS.
031-575	Unable to resolve the FTP server hostname. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Set DNS address, or set forwarding destination server address as IP address.
031-576	Unable to connect to the FTP server. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check if the printer communicates with forwarding destination FTP server. For example, check connection of Ethernet cable and if the IP address of the server is correct.
031-578	FTP server login error. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check if login name (user name) and password are correct.
031-579	Invalid FTP subdirectory path. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check if storage location is correct.
031-580	Failed to obtain a file or folder name of the FTP server. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check server access right.
031-581	FTP scan file or folder name limit exceeded. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Change file name and forwarding destination folder, or move or delete file in forwarding destination folder.
031-582	Unable to write a scan file to the FTP server location. Tap <b>C</b> l <b>o</b> s <b>e</b> , or wait for 60 seconds for the printer to recover. Check if the file name you specified can be created in storage location. Check if storage location has free space.

<b>Status-Code</b>	<b>What you can do</b>
031-584	Unable to create a scan folder on the FTP server. Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if the folder name you specified can be created in storage location. Check if the folder that has the same name as the one you specified already exists.
031-585	Unable to delete a file on the FTP server. (DEL command failure.) Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check server access rights.
031-587	Unable to delete a folder on the FTP server. (RMD command failure.) Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check server access rights.
031-588	Unable to write a file to the FTP server location. Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if storage location has free space.
031-590	Job canceled. Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Change the file name that already exists on FTP server.
031-594	FTP transfer type error. (TYPE command failure.) Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Try the same operation again. Contact customer support if this failure is repeated.
031-595	FTP data port error. (PORT command failure.) Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Try the same operation again. Contact customer support if this failure is repeated.
031-598	FTP append data error. (APPE command failure.) Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if the printer has access rights to append data to the FTP server. Check if server supports FTP append command.
031-599	FTP rename file error. (RNFR command failure.) Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check if the printer has access rights to rename data on the FTP server. Check if server supports FTP rename command.
033-513	Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Try the following: <ul style="list-style-type: none"> <li>• Print the received fax, or wait for a while until sending a fax is completed.</li> <li>• Print the fax job stored using the Secure Receive feature.</li> </ul> For more information about the Secure Receive feature, see "Using the Secure Receiving Mode."
033-527	Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Wait for a while until the printer is not busy, and try again.
033-528	Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Check the available time period for the FAX, and try again.
033-762	Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. The printer rejects faxes sent from unwanted numbers. For more information, see "Junk Fax Setup."
033-776	The size of the fax document data is too large and may have exceeded the space available in memory. Lower the scan resolution rate and then try scanning again. For details, see "Adjusting the Document Resolution."
033-788	Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Try the following: <ul style="list-style-type: none"> <li>• Remove the received fax, or wait for a while until sending a fax is completed.</li> <li>• Print the fax job stored using the Secure Receive feature.</li> </ul> For more information about the Secure Receive feature, see "Using the Secure Receiving Mode."
034-515	Tap <b>CLOSE</b> , or wait for 60 seconds for the printer to recover. Try the following: <ul style="list-style-type: none"> <li>• Try the same operation.</li> <li>• Check the printer or remote machine if the memory is full.</li> </ul>

<b>Status-Code</b>	<b>What you can do</b>
034-791	<p>Tap <b>C</b>lose, or wait for 60 seconds for the printer to recover. Check if the telephone line cord is connected properly. If the line connection is correct, check the following:</p> <ul style="list-style-type: none"> <li>• If Tone/Pulse setting is correct.</li> </ul> <p>For more information about Tone/Pulse setting, see "Tone / Pulse."</p> <p>If Tone/Pulse setting is correct, check the following:</p> <ul style="list-style-type: none"> <li>• If the remote machine can receive a fax.</li> </ul>
035-701	<p>Tap <b>C</b>lose, or wait for 60 seconds for the printer to recover. Check the following:</p> <ul style="list-style-type: none"> <li>• Status of the remote machine</li> <li>• Tone/Pulse setting</li> </ul> <p>For more information about Tone/Pulse setting, see "Tone / Pulse."</p>
035-708	<p>Tap <b>C</b>lose, or wait for 60 seconds for the printer to recover. Try the following:</p> <ul style="list-style-type: none"> <li>• Try the same operation.</li> <li>• Reduce the modem speed.</li> </ul> <p>For more information about modem speed, see "Modem Speed."</p>
035-717	<p>Tap <b>C</b>lose, or wait for 60 seconds for the printer to recover. Reduce the modem speed. For more information about modem speed, see "Modem Speed."</p>
035-718	<p>Tap <b>C</b>lose, or wait for 60 seconds for the printer to recover. Check the status of the remote machine.</p>
035-720	<p>Tap <b>C</b>lose, or wait for 60 seconds for the printer to recover. Check the features of the remote machine.</p>
035-781	<p>Tap <b>C</b>lose, or wait for 60 seconds for the printer to recover. Check if the remote machine is busy.</p>
042-700	<p>Wait for a while until the printer cools down. Contact customer support if this failure is repeated.</p>
050-130	<p>Open the rear cover and remove any jammed paper.</p>
050-131	
050-132	<p>Pull out MPF, tray1 and tray2, and remove any jammed paper. If the jammed paper cannot be removed, open the rear cover to remove it.</p>
050-133	<p>Pull out MPF, tray1, and tray2. Remove any jammed paper, return paper trays, and then tap <b>O</b>K.</p>
050-134	<p>Pull out MPF and tray1, remove any jammed paper, and then tap <b>O</b>K.</p>
050-142	<p>Pull out MPF and tray1. Open rear cover and remove any jammed paper.</p>
077-300	<p>Close the front cover.</p>
077-302	<p>Close the rear cover.</p>
091-411	<p>The time to replace the drum cartridge is coming soon. Prepare the new drum cartridge.</p>
091-479	<p>Open the front cover. Remove the used drum cartridge, and install a new drum cartridge. For more information about replacing the drum cartridge, see "Replacing the Drum Cartridge."</p>
091-914	<p>Reinstall the drum cartridge. If the message remains, replace the cartridge. For more information about replacing the drum cartridge, see "Replacing the Drum Cartridge."</p>
091-921	<p>Make sure that the drum cartridge is fully installed. For more information about installing the drum cartridge, see "Replacing the Drum Cartridge."</p>
091-931	<p>Remove the used drum cartridge, and install a new cartridge. For more information about replacing the drum cartridge, see "Replacing the Drum Cartridge."</p>
091-942	<p>Reinstall the drum cartridge. If the message remains, replace the cartridge. For more information about replacing the drum cartridge, see "Replacing the Drum Cartridge."</p>
091-963	<p>Remove the unsupported drum cartridge, and install a supported drum cartridge. For more information about installing the drum cartridge, see "Replacing the Drum Cartridge."</p>
093-426	<p>The time to replace the toner cartridge is coming soon. Prepare the new toner cartridge.</p>

Status-Code	What you can do
093-922	Open the front cover, and pull out the toner cartridge. Shake it five or six times, and reinstall it. For more information about replacing the toner cartridge, see "Replacing the Toner Cartridge."
093-933	Remove the used toner cartridge, and install a new cartridge. For more information about replacing the toner cartridge, see "Replacing the Toner Cartridge."
093-963	Remove the unsupported toner cartridge, and install a supported toner cartridge. For more information about installing the toner cartridge, see "Replacing the Toner Cartridge."
093-973	Make sure that the toner cartridge is fully installed. For more information about installing the toner cartridge, see "Replacing the Toner Cartridge."
116-722	Tap <b>Close</b> for the printer to recover. Check the Web Services on Devices (WSD) scan address and the destination computer, and then try scanning again. Contact your system administrator.
142-700	Do not start another print job until the warning message disappears.
193-700	When the genuine toner cartridge is installed, change the Non-Dell Toner setting to disable using the <b>Dell Printer Configuration Web Tool</b> or the <b>Tool Box</b> .

## Error Messages

Message	Cause	Action
Cannot access the LDAP address book. Consult your network administrator if this error persists.	The printer fails to authenticate against an authentication server.	Check the server settings. If the error persists, consult your network administrator.
	An SSL/TLS authentication error on connection to the LDAP server; an SSL/TLS authentication internal error occurs.	If the error persists, consult your network administrator.
Cannot access the LDAP address book. The LDAPS server certificate is not correct.	An SSL/TLS authentication error on connection to the LDAP server; the server certificate data is incorrect.	Check the root certificate of the LDAP server SSL/TLS certificate on the printer.
Cannot access the LDAP address book. The LDAPS SSL/TLS client certificate is not set.	An SSL/TLS authentication error on connection to the LDAP server; the LDAP server cannot acquire an SSL/TLS client certificate.	Check that an SSL/TLS client certificate is correctly imported into the printer.
Cannot access the LDAP address book. The server names of LDAPS and the SSL/TLS certificate do not match.	An SSL/TLS authentication error on connection to the LDAP server; the server certificate for the LDAP server is not yet valid or has expired.	Change to a valid LDAP server SSL/TLS certificate.
	An SSL/TLS authentication error on connection to the LDAP server; the LDAP server name does not match the certificate.	Set the LDAP server address on the printer to match the address on the LDAP server SSL/TLS certificate.
Cannot access the LDAP address book. The time settings of the printer and the Kerberos server do not match.	The printer and the Kerberos server clocks have a time difference that exceeds the Kerberos server clock skew value.	Check that the printer and the Kerberos server clocks have the correct time.
Cannot connect to server. Check the server settings.	The specified server settings such as IP address and realm/domain name are incorrect.	Make sure that the correct IP address/host name, port number, realm/domain name, and search directory root are specified in <b>IP Address / Host Name &amp; Port, Domain Name, and Search Directory Root</b> on the <b>Dell Printer Configuration Web Tool</b> . (See "Kerberos Server" and "LDAP Server.")



<b>Message</b>	<b>Cause</b>	<b>Action</b>
	The LDAP or Kerberos version on the server is not compatible with the printer.	Consult your network administrator.
	The server is down.	Check that the server is functioning normally.
Change the server settings and confirm the server connection.	The printer cannot search for destinations within the specified time.	Increase the time setting for <b>Search Time-Out</b> on the <b>Dell Printer Configuration Web Tool</b> . (See "Authentication System" and "LDAP Server.")  Check that the printer and the server are properly connected with an Ethernet cable. If there are not any problems with the connection and the error persists, the server settings may have been changed. Consult your network administrator.
Check the authentication settings.	The login name and password for access to an authentication server are incorrect.	Make sure that the correct login name and password are specified in <b>Login Name</b> and <b>Password</b> on the <b>Dell Printer Configuration Web Tool</b> . (See "Kerberos Server" and "LDAP Server.")
Invalid search characters or LDAP User Mapping incorrectly configured for Configuration Web Tool.	The LDAP search filter fails to work properly as special characters are used in your search condition or on the <b>LDAP User Mapping</b> page on the <b>Dell Printer Configuration Web Tool</b> .	Remove special characters, and then search again. (See "LDAP User Mapping.")
Network connection is not ready. Try again later.	You have started searching for destinations before the IP address is set for the printer.	Wait for a while, and then search again.
No attribute or invalid name. Confirm address info. on server.	The address information on the server contain incorrect data or are insufficient to get your search request.	Check the address information registered on the server or consult your network administrator.
No Entries.	The printer cannot find any destinations that meet your search condition.	Tap <b>OK</b> to return to the <b>Search Network Address Book</b> screen, and then specify a new condition to search again.
Search Directory Root incorrectly configured for Configuration Web Tool.	The directories that do not exist in the LDAP server are specified or an invalid DN syntax is specified.	Make sure that valid values are specified in <b>Search Directory Root</b> on the <b>Dell Printer Configuration Web Tool</b> . (See "LDAP Server.") Specify the origin of the search with the correct DN syntax, as shown in the following example:  dc=w2008ad,dc=addressbook,dc=net
Too many search results. Only a maximum of 50 search scan be displayed. Please refine your search if needed.	The number of search results has exceeded the limits (50 search results) the printer can display.	Tap <b>Close</b> to display the search results. If you cannot find your desired destination on the result list, specify a new condition to search again.
Authentication server access Error 016-530  Restart the printer.	Some other error occurs regarding the LDAP server address book.	Turn off the printer, and turn it on again. If the error persists, consult your network administrator.



# Specifications

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

## Operating System Compatibility

Your Dell Cloud Multifunction Printer | H815dw and Dell Smart Multifunction Printer | S2815dn are compatible with Microsoft® Windows Server® 2003, Windows Server® 2003 x64 Edition, Windows Server® 2008, Windows Server® 2008 64-bit Edition, Windows Server® 2008 R2, Windows Vista®, Windows Vista® 64-bit Edition, Windows® 7, Windows® 7 64-bit Edition, Windows® 8, Windows® 8 64-bit Edition, Windows Server® 2012, Windows® 8.1, Windows® 8.1 64-bit Edition, Windows Server® 2012 R2, Windows® RT, Windows® RT 8.1, Windows® 10, Windows® 10 64-bit Edition, Mac OS X 10.5, Mac OS X 10.6, Mac OS X 10.7, OS X 10.8, OS X 10.9, OS X 10.10, Red Hat Enterprise Linux 6 Desktop (32/64bit), SUSE Linux Enterprise Desktop 11 (32/64bit), and Ubuntu 12.04 LTS (32/64bit).

## Power Supply

<b>Rated voltage</b>		220 VAC - 240 VAC	110 VAC - 127 VAC
<b>Frequency</b>		50/60 Hz	50/60 Hz
<b>Current</b>		6 A or less	11 A or less
<b>Power consumption</b>	Ready	52.0 W	52.0 W
	Sleep	14.0 W	14.0 W
	Deep Sleep	2.8 W* (H815dw)	1.7 W
		1.7 W* (S2815dn)	
Offline	0 W	0 W	
<b>TEC value</b>		2.7 kWh	2.8 kWh

\* This condition is equivalent to Network standby mode, the power consumption in this condition is that all wired network ports are connected and all wireless network ports are activated.

## Dimensions

Height: 492 mm (19.37 inches) Width: 439 mm (17.28 inches) Depth: 438 mm (17.24 inches)

Weight (including toner cartridge and drum cartridge): 19.0 kg (41.90 lb)

## Memory

<b>Memory</b>	1 GB
<b>Speed</b>	DDR3-1066MHz

# Page Description Language (PDL)/Emulation, Operating System, and Interface

<b>PDL/Emulations</b>	PCL 6, PCL5e, PostScript 3 Compatible, HBPL, XML Paper Specification (Host Based/PCL 6)	
<b>Operating systems</b>	Microsoft® Windows Server® 2003, Windows Server® 2003 x64 Edition, Windows Server® 2008, Windows Server® 2008 64-bit Edition, Windows Server® 2008 R2, Windows Vista®, Windows Vista® 64-bit Edition, Windows® 7, Windows® 7 64-bit Edition, Windows® 8, Windows® 8 64-bit Edition, Windows Server® 2012, Windows® 8.1, Windows® 8.1 64-bit Edition, Windows Server® 2012 R2, Windows® 10, Windows® 10 64-bit Edition, Mac OS X 10.5, Mac OS X 10.6, Mac OS X 10.7, OS X 10.8, OS X 10.9, OS X 10.10, Red Hat Enterprise Linux 6 Desktop (32/64bit), SUSE Linux Enterprise Desktop 11 (32/64bit), and Ubuntu 12.04 LTS (32/64bit).	
<b>Interfaces</b>	Standard local:	USB 2.0
	Standard wireless network (Dell Cloud Multifunction Printer   H815dw only):	IEEE 802.11b/802.11g/802.11n
	Standard wired network:	10Base-T/100Base-TX/ 1000Base-T Ethernet

## MIB Compatibility

Management Information Base (MIB) is a database containing information about network devices (such as adapters, bridges, routers, or computers). This information helps network administrators manage the network (analyze performance, traffic, errors, and so on). Dell Cloud Multifunction Printer | H815dw and Dell Smart Multifunction Printer | S2815dn comply with standard industry MIB specifications, allowing the printer to be recognized and managed by various printer and network management software systems.

## Environment

### Operation

<b>Temperature</b>	10 °C - 32 °C
<b>Relative humidity</b>	10 % - 85 % RH (no condensation)

### Print Quality Guarantee

<b>Temperature</b>	15 °C - 28 °C
<b>Relative humidity</b>	20 % - 70 % RH (no condensation)

### Storage





<b>Temperature range</b>	-20 °C to 40 °C (0 °F to 104 °F)
<b>Storage humidity range</b>	5 % - 85 % RH (no condensation)

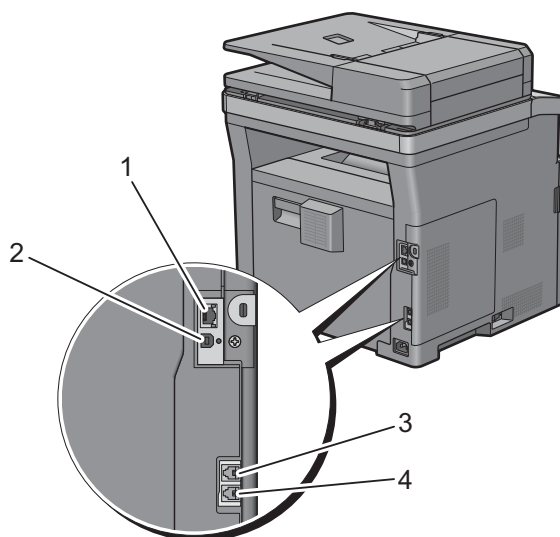
### Altitude

<b>Operating</b>	Up to 3,100 m (10,170 feet)
<b>Storage</b>	Up to 3,100 m (10,170 feet)

## Cables

Your interconnection cable must meet the following requirements:

	Connection type	Connection specifications and symbols	
1	<b>Ethernet</b>	10Base-T/100Base-TX/ 1000Base-T	
2	<b>USB</b>	USB 2.0	
3	<b>Phone connector</b>		PHONE 
4	<b>Wall jack connector</b>		LINE 



## Print Specifications

Item	Description
<b>Print resolution</b>	600 dpi x 600 dpi
<b>Print speed</b>	Simplex: 38 ppm (A4), 40 ppm (Letter) Duplex: 22 ppm (A4), 24 ppm (Letter)
<b>Paper size</b>	A4, B5, A5, B6, A6, Letter, Executive, Folio (8.5" x 13"), Legal, Statement, Envelope #10, Monarch, DL, C5, Japanese Postcard

## Copy Specifications

Item	Description
<b>Copy resolution</b>	Optical: 600 dpi x 600 dpi
<b>Copy speed</b>	38 cpm (A4)/40 cpm (Letter) or more (When using the document glass to make sequential copies of a document with pages scanned one by one.) Simplex: 22 cpm (A4)/24 cpm (Letter) or more Duplex: 7 cpm (A4/Letter) or more (When using the Duplex Automatic Document Feeder (DADF) to make sequential copies of multiple documents.)
<b>Paper size</b>	A4, B5, A5, B6, A6, Letter, Executive, Folio (8.5" x 13"), Legal, Statement, Envelope #10, Monarch, DL, C5, Japanese Postcard
<b>Zoom rate</b>	Document glass: 25 % - 400 %, DADF: 25 % - 400 %
<b>Multiple copies</b>	1 - 99
<b>Copy mode (=Original type)</b>	Text, Text & Photo, Photo
<b>Scanning method</b>	Document glass: Document-fixed flatbed scanning DADF: Carriage-fixed, document-feeding scanning (2- side scanning)

## Scanner Specifications

Item	Description
<b>Compatibility</b>	TWAIN, TWAIN-Net, Windows Image Acquisition (WIA) <sup>*1</sup> , Scan Service for Web Services on Devices (WSD) <sup>*2</sup>
<b>Scan resolution</b>	Optical: 600 dpi x 300 dpi (Color only), 600 dpi x 400 dpi, 600 dpi x 600 dpi, 1,200 dpi x 1,200 dpi Enhanced (Pull Scan): <ul style="list-style-type: none"> <li>• TWAIN – 50 x 50 to 9,600 x 9,600 dots/25.4 mm</li> <li>• Windows Image Acquisition (WIA) – 75/100/150/200/300/400/600 dots/25.4 mm</li> </ul> Enhanced (Push Scan): 200(Default)/300/400/600 dots/25.4 mm
<b>Color bit depth</b>	24 bit
<b>Mono bit depth</b>	1 bit for Line art. 8 bit for Gray scale
<b>Effective scanning length</b>	Document glass: 297 mm. DADF: 355.6 mm
<b>Effective scanning width</b>	215.9 mm
<b>Scan speed (Text mode)</b>	Monochrome: 665 $\mu$ s/line (600 dpi), 1330 $\mu$ s/line (1200 dpi) Color: 1330 $\mu$ s/line (600 dpi), 2660 $\mu$ s/line (1200 dpi)

\*1 : Windows® OS only

\*2 : Only on Windows Vista®/Windows® 7/Windows® 8/Windows® 8.1/Windows® 10

## Facsimile Specifications

Item	Description
<b>Compatibility</b>	ITU-T Super G3, ITU-T G3 ECM, ITU-T G3
<b>Applicable line</b>	Public Switched Telephone Network (PSTN), Private Branch Exchange (PBX), or Leased line (3.4 KHz/2-wire)
<b>Data coding</b>	1bit/JBIG/MMR/MR/MH
<b>Max modem speed</b>	33.6 Kbps
<b>Transmission speed</b>	Approx. 3 seconds/page *Transmission time applies to memory transmission of text data scanned in Standard resolution with ECM using only ITU-T No.1 Chart.
<b>Scanning speed</b>	Document glass: approx. 3 seconds/A4 (at standard fax resolution mode) DADF: approx. 5 seconds/Letter (at standard fax resolution mode), 7.5 seconds/Letter (at fine fax resolution mode)
<b>Maximum document length</b>	Document glass: 297 mm DADF: 355.6 mm
<b>Paper size</b>	Letter, A4 (depending on a country)
<b>Resolution</b>	Standard: R8 x 3.85 l/mm, Fine: R8 x 7.7 l/mm, Super Fine: 400 dpi x 400 dpi, Photo: R8 x 7.7 l/mm
<b>User memory</b>	4 MB
<b>Halftone</b>	256 levels

## Wireless Connection Specifications



**NOTE:** The wireless network connection feature is available on the Dell Cloud Multifunction Printer | H815dw only.

Item	Description
<b>Connectivity technology</b>	Wireless
<b>Compliant standards</b>	IEEE 802.11b, 802.11g, and 802.11n
<b>Bandwidth</b>	2.4 GHz
<b>Data transfer rate</b>	IEEE 802.11n: 65 Mbps IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9, and 6 Mbps IEEE 802.11b: 11, 5.5, 2, and 1 Mbps
<b>Security</b>	64 (40-bit key)/128 (104-bit key) WEP, WPA- PSK (TKIP, AES), WPA2-PSK (AES), WPA-Enterprise (TKIP, AES) * <sup>1</sup> , WPA2-Enterprise (AES) * <sup>1</sup>
<b>Wi-Fi Protected Setup (WPS) *<sup>2</sup></b>	Push-Button Configuration (PBC), Personal Identification Number (PIN)
<b>Wireless mode</b>	Infrastructure, Ad-hoc, Wi-Fi Direct

\*<sup>1</sup> EAP method supports PEAPv0, EAP-TLS, EAP-TTLS PAP, and EAP-TTLS CHAP.

\*<sup>2</sup> WPS 2.0 compliant.





# Maintaining Your Printer

31 Maintaining Your Printer ..... 443

32 Clearing Jams ..... 469



## Maintaining Your Printer

You need to complete certain tasks to maintain optimum print quality.

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

### Determining the Status of Supplies

If your printer is connected to the network, the **Dell™ Printer Configuration Web Tool** can provide instant feedback on remaining toner level. Type the printer's IP address in your web browser to view this information. To use the **E-Mail Alert Setup** feature that notifies you when the printer requires new supplies, type the desired e-mail address in the e-mail list box.

On the touch panel screen, you can also confirm the following:

- Any supply or maintenance items that require attention replacing (However, the printer can only display information about one item at a time).
- Amount of toner remaining in the toner cartridge.

### Conserving Supplies

You can change several settings in your printer driver to conserve toner cartridge and paper.

Supply	Setting	Function
Toner cartridge	Toner Saver in the <b>Others</b> tab	This check box allows the users to select a print mode that uses less toner. The image quality will be lower when this feature is used.
Print media	Multiple Up in the <b>Layout</b> tab	The printer prints two or more pages on one side of a sheet.
Print media	Duplex in the <b>General</b> tab	The printer prints on both sides of a sheet of paper.

### Ordering Supplies

You can order consumables (toner cartridge and drum cartridge) from Dell online or by phone.

#### Using Dell Printer Configuration Web Tool

- 1 Start the Dell Printer Configuration Web Tool.  
See "Starting the Dell Printer Configuration Web Tool."
- 2 Click the Order Supplies at:.

#### Using Dell Printer Hub or Dell Printer Management Tool for Windows®

- 1 Click **Start** → **All Programs** → **Dell Printers** → **Dell Printer Hub** or **Dell Printer Management Tool**.  
For Windows® 10, click the **Start** button → **Dell Printer Hub** or **Dell Printer Management Tool**.
- 2 For the **Dell Printer Hub**, select the printer from **My Printers**.  
For the **Dell Printer Management Tool**, select the printer displayed by default, or another printer from the drop-down list on the upper-right corner of the screen.
- 3 Click **Supplies**.
- 4 Order consumables either from the web or phone.  
If you are ordering from the web:

- a Select your printer type and printer name.
- b Click **Next**.

If you are ordering by phone:

Call the number that appears on the top-left corner of the window, or click **Contact Us**. To ensure that you get the best service, have your Dell printer's Service Tag ready. See "Express Service Code and Service Tag."

### **For OS X**

You can order consumables from the Status Monitor Widget. See "Status Monitor Widget (for OS X)."

### **For Linux**

You can order consumables from the Status Monitor Console. See "Status Monitor Console (for Linux)."

## **Storing Print Media**

To avoid potential paper feeding problems and uneven print quality, there are several things you can do:

- To achieve the best possible print quality, store print media in an environment where the temperature is approximately 21 °C (70 °F) and the relative humidity is 40 %.
- Store cartons of print media on a pallet or shelf, rather than directly on the floor.
- If you store individual packages of print media out of the original carton, ensure that they rest on a flat surface so the edges do not buckle or curl.
- Do not place anything on top of the print media packages.

## **Storing Consumables**

Store consumables in their original packaging until you need to use them. Do not store consumables in:

- Temperatures greater than 40 °C (104 °F).
- An environment with extreme changes in humidity or temperature.
- Direct sunlight.
- Dusty places.
- A car for a long period of time.
- An environment where corrosive gases are present.
- A humid environment.

## Replacing the Toner Cartridge

**⚠ WARNING:** Before performing any of the following procedures, read and follow the safety instructions in the *Important Information*.

Dell toner cartridge is available only through Dell. You can order cartridge online at <http://www.dell.com/supplies> or by phone. To order by phone, see "Contacting Dell."

It is recommended to use Dell toner cartridge for your printer. Dell does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Dell.

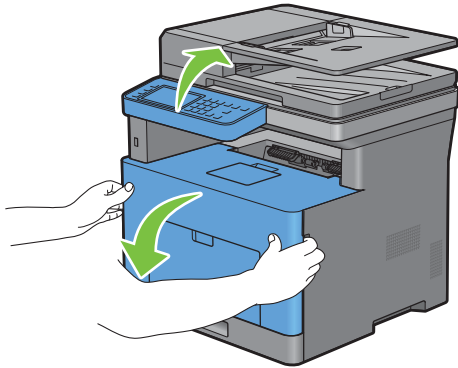
**⚠ WARNING:** Never throw used toner cartridge into fire. The residual toner could explode resulting in burns and injuries.

**⚠ WARNING:** Do not shake the used toner cartridge. This may cause toner spills.

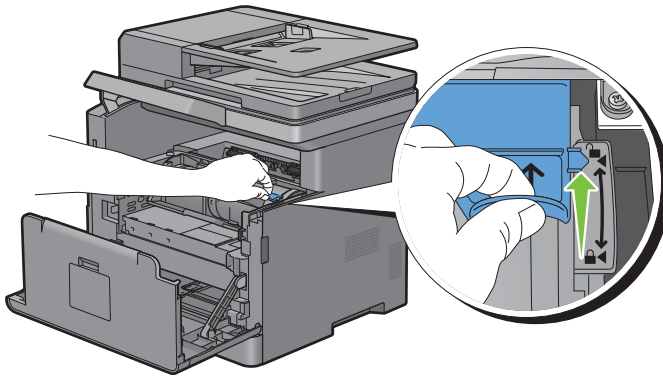
### Removing the Toner Cartridge

**✍ NOTE:** Ensure that you remove all the paper from the MPF and close the MPF cover before removing the toner cartridge.

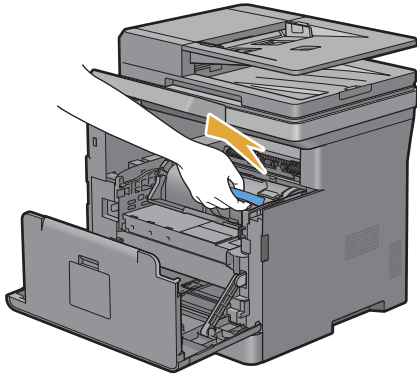
- 1 After flipping up the operator panel until it clicks, grasp the grips on both sides of the front cover, and then pull it down to open.



- 2 Grasp the toner cartridge lock lever, and then raise it upward to unlock.



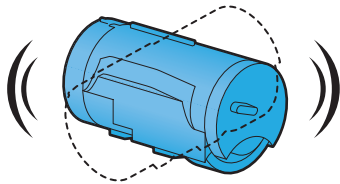
- 3 Grasp the handle on the toner cartridge, and then pull it out.



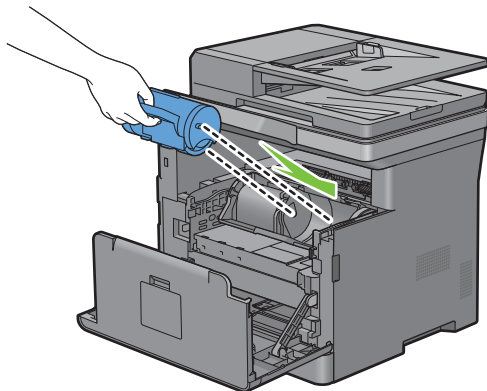
**⚠ WARNING: Do not shake the toner cartridge. This may cause toner spills.**

### Installing a Toner Cartridge

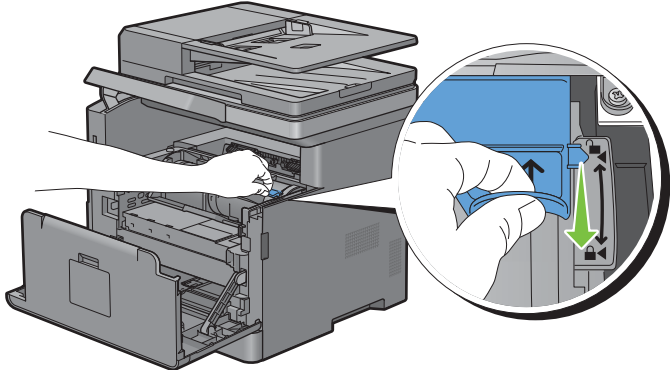
- 1 Unpack a new toner cartridge.
- 2 Shake the new toner cartridge five or six times to distribute the toner evenly.



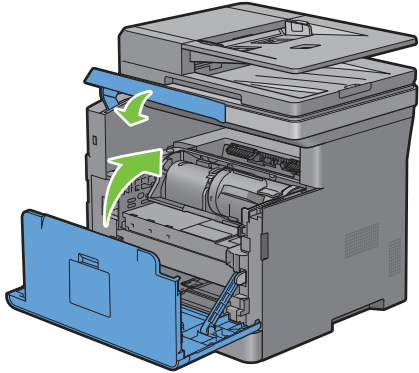
- 3 Make sure that the two tabs of the toner cartridge align with the grooves on the printer, and then insert it into the printer until it clicks into place.



4 Grasp the toner cartridge lock lever, and then pull it down until it stops.




5 Close the front cover, and put back the operator panel to the original position.



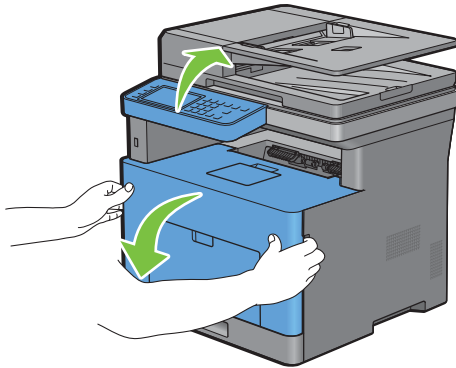
## Replacing the Drum Cartridge

 **WARNING:** Before performing any of the following procedures, read and follow the safety instructions in the *Important Information*.

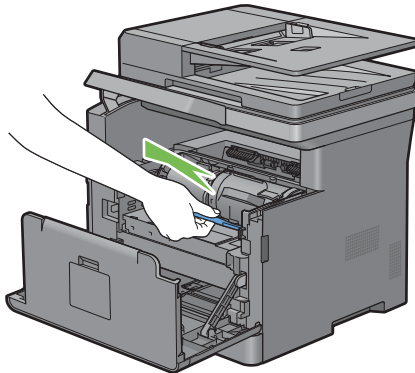
 **CAUTION:** Protect the drum cartridge against bright light. If the front side cover remains open for more than 3 minutes, print quality may deteriorate.

### Removing the Drum Cartridge

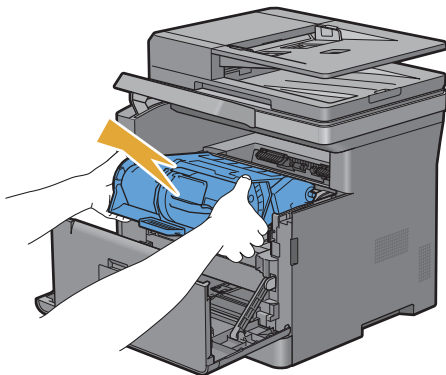
- 1 After flipping up the operator panel until it clicks, grasp the grips on both sides of the front cover, and then pull it down to open.



- 2 Grasp the handle on the front of the drum cartridge, and then pull it out halfway with one hand.



- 3 Hold both sides of the drum cartridge with your hands, and then pull it out completely.



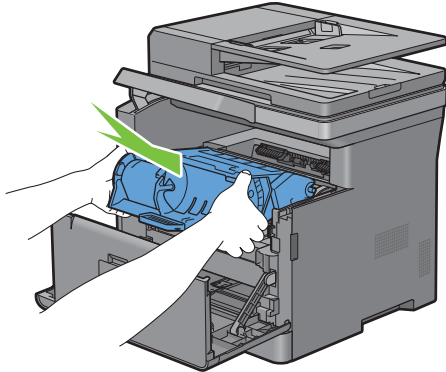


## Installing a Drum Cartridge

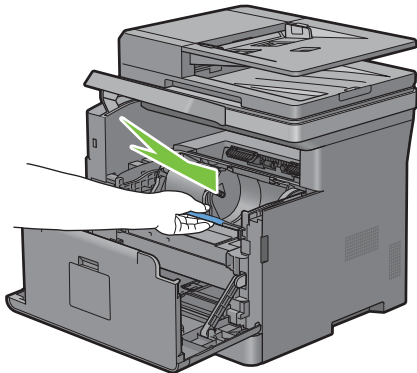
- 1 Unpack a new drum cartridge.

**CAUTION:** The protective cover of the drum comes off while inserting the drum cartridge into the cartridge slot. You do not need to remove it in advance.

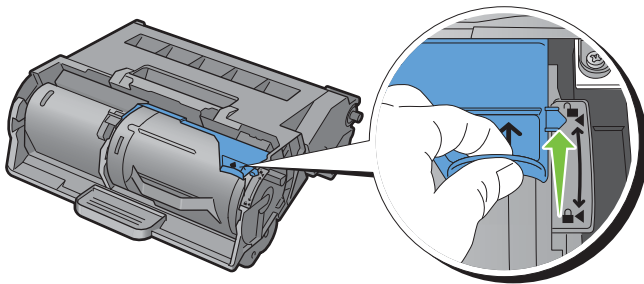
- 2 Hold both sides of the drum cartridge with your hands, insert the drum cartridge into the cartridge slot, and then push it in halfway.



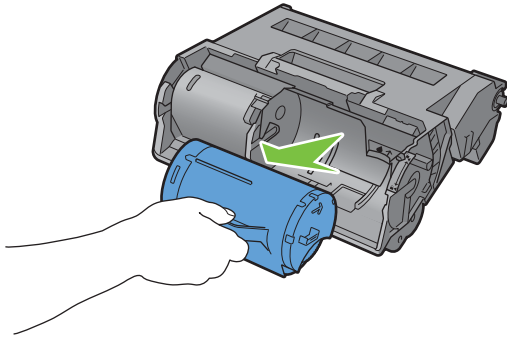
- 3 Grasp the handle on the front of the drum cartridge, and then push and install the drum cartridge until it stops.




- 4 To remove the toner cartridge from the old drum cartridge, grasp the toner cartridge lock lever, and then raise it upward to unlock.



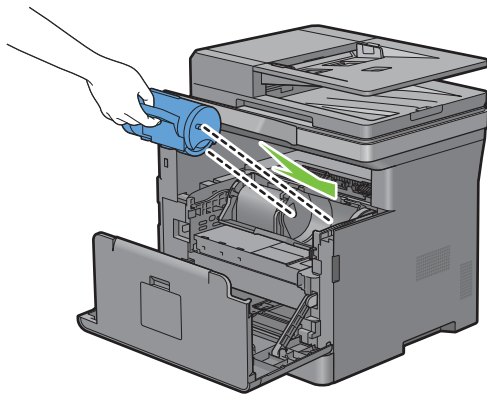
- 5 Grasp the handle on the toner cartridge, and then pull it out of the old drum cartridge.



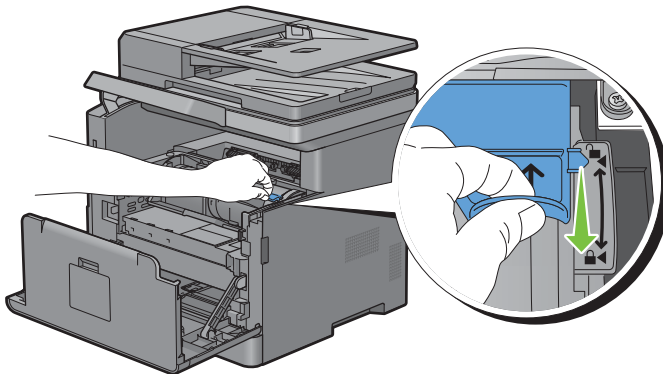
 **WARNING:** Do not shake the toner cartridge. This may cause toner spills.

 **WARNING:** Keep the removed toner cartridge on a level surface.

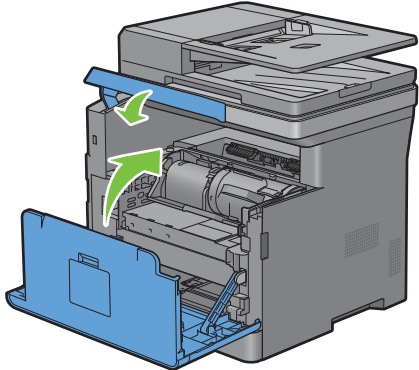
- 6 Install the removed toner cartridge to the new drum cartridge in the printer. Make sure that the two tabs of the toner cartridge align with the grooves on the printer, and then insert it into the printer until it clicks into place.



- 7 Grasp the toner cartridge lock lever, and then pull it down until it stops.



8 Close the front cover, and put back the operator panel to the original position.



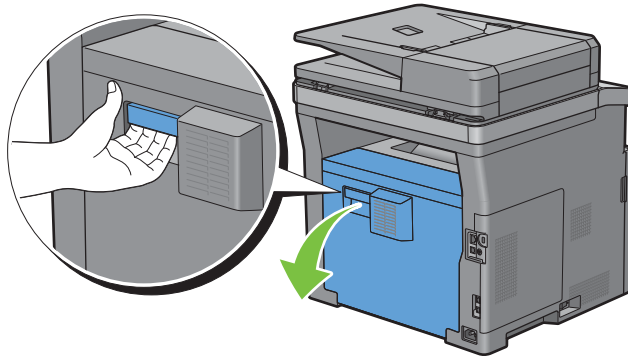
## Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller

You need to replace all three parts (the fusing unit, transfer unit, and retard roller) at a time. Both the transfer unit and the retard roller for replacement come with a new fusing unit.

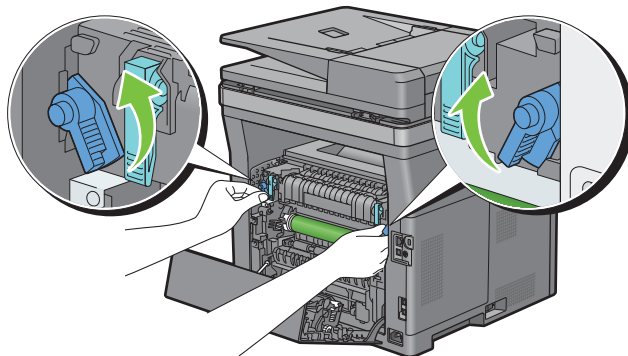
**⚠ WARNING:** Before performing any of the following procedures, read and follow the safety instructions in the *Important Information*.

### Removing the Fusing Unit

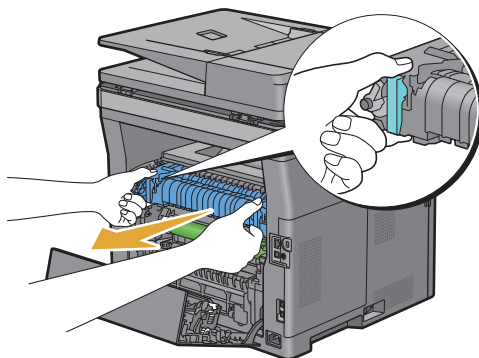
- 1 Turn off the printer, and wait for 40 minutes.
- 2 Pull the rear cover handle to open the rear cover.



- 3 Raise the two gray levers on the both sides of the fusing unit to unlock.




- 4 Grasp the grips on both sides of the fusing unit, and then pull out the unit.

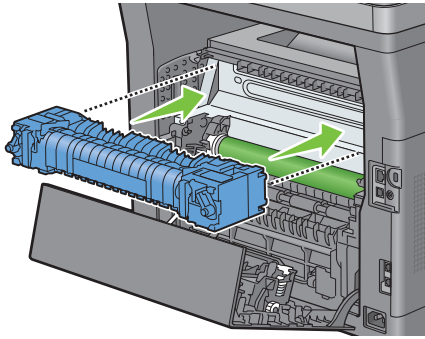


## Installing a Fusing Unit

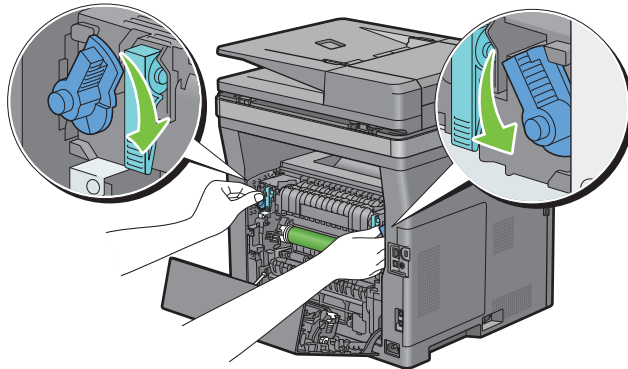
- 1 Unpack a new fusing unit.
- 2 Remove the packing material from the fusing unit.
- 3 Insert the fusing unit into the printer until it clicks into place.


 **NOTE:** Hold both sides of the fusing unit with your hands.

 **NOTE:** Make sure that the fusing unit is firmly set in the slots and cannot be moved easily.



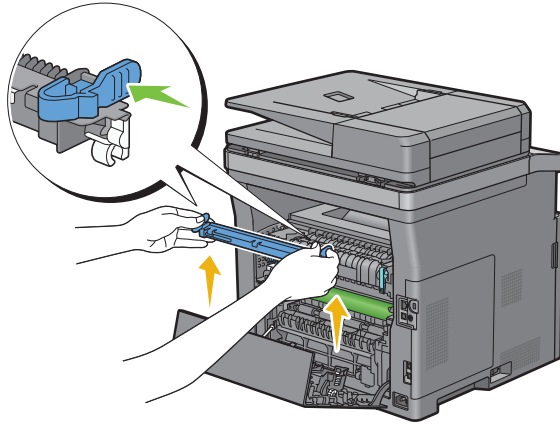
- 4 Lower the two gray levers to lock the fusing unit.



 **NOTE:** After replacing the fusing unit, be sure to initialize its life counter by following the instructions in the accompanying manual.

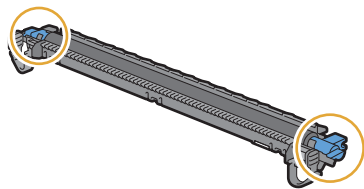
## Removing the Transfer Unit

- 1 Push the tabs on both sides of the transfer unit inward, and then lift it out of the printer.

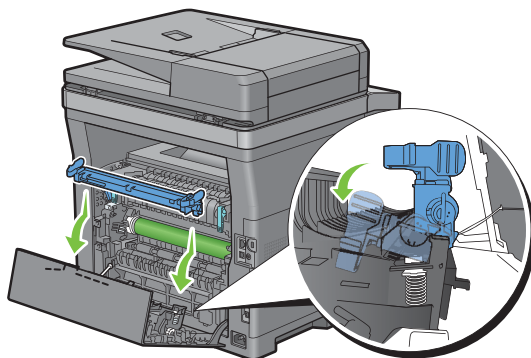


## Installing a Transfer Unit

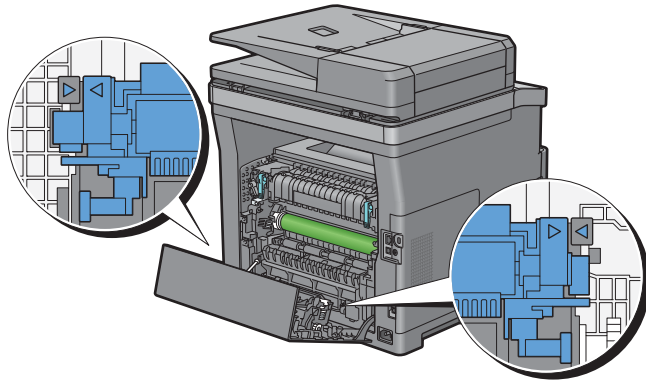
- 1 Unpack a new transfer unit.
- 2 Hold the transfer unit by both its ends.



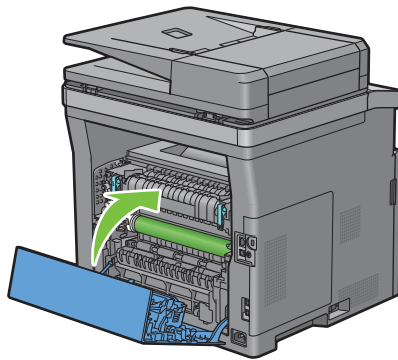
- 3 Put the receptacles (white) on both ends of the transfer unit to the short bars near the arrow marks of the duplexer. And tilt the transfer unit toward the rear cover.



- 4 Make sure that the arrow marks on the transfer unit and the printer face each other, and then press the two tabs on transfer unit inward to lock.

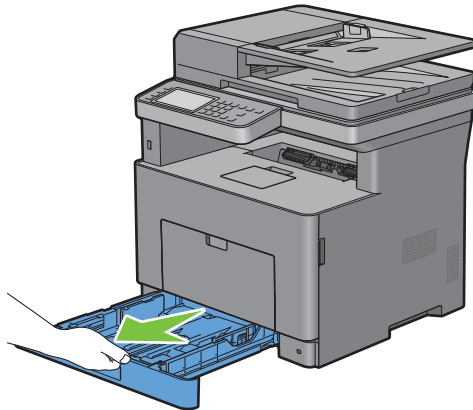


- 5 Close the rear cover.

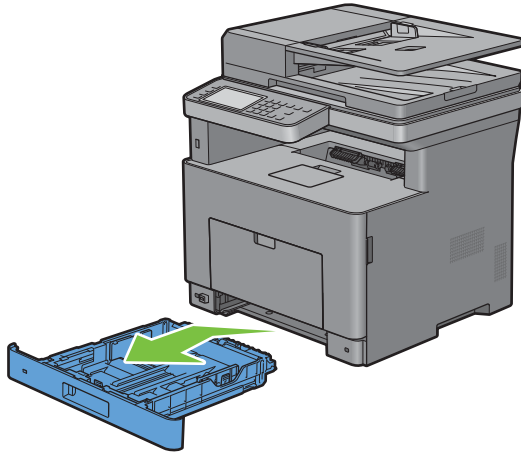


### Removing the Retard Roller in Tray1

- 1 Pull tray1 out of the printer about 200 mm.

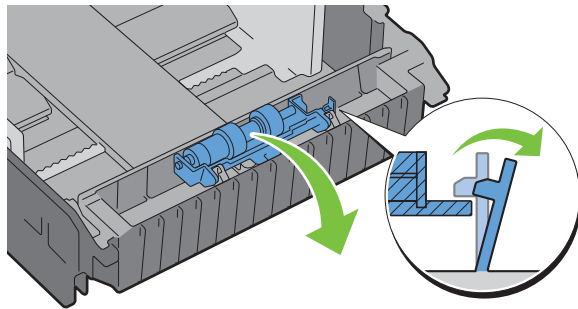


- 2 Hold tray1 with both hands, and remove it from the printer.

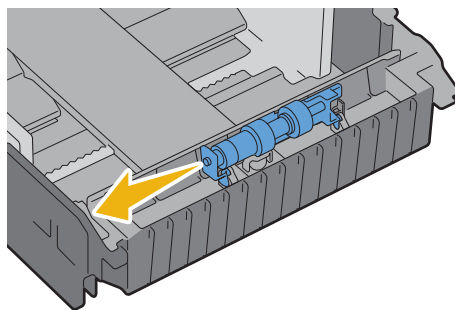


**NOTE:** Be sure to remove all the paper from tray1 before removing the retard roller.

- 3 Slightly pressing down the lock lever on tray1 to the right with one hand, raise the retard roller with the other hand.



- 4 Slide the retard roller to the left to remove it from tray1.

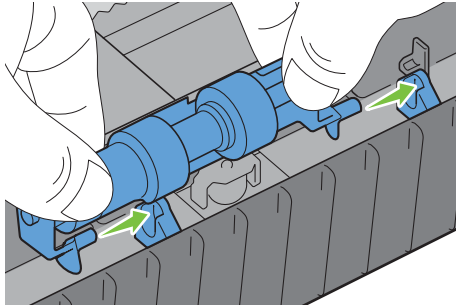


### Installing a Retard Roller in Tray1

- 1 Unpack a new retard roller.

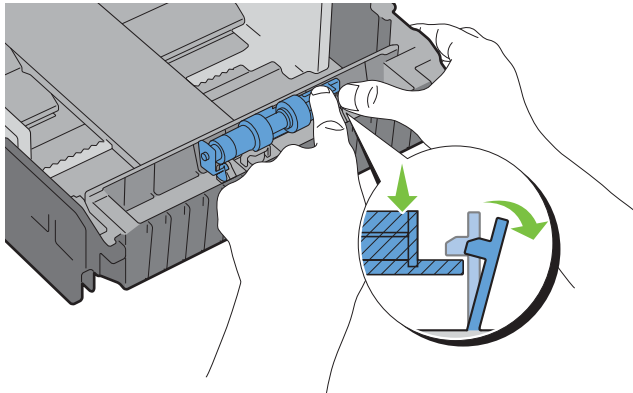


- 2 Hold the both ends of the new retard roller, and attach it by sliding the two axles of the retard roller into the holes on tray1.

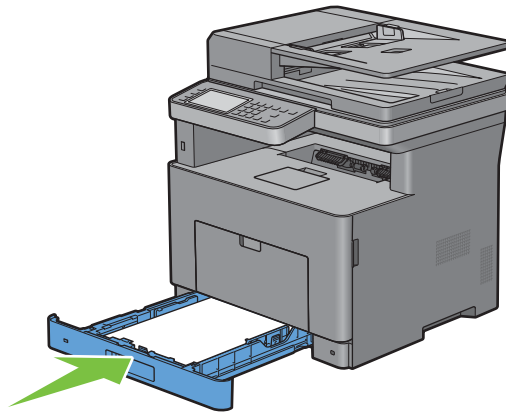


**NOTE:** Be careful not to touch the rubber rollers.

- 3 While pressing the lock lever on tray1 slightly to the right, press down the retard roller until it clicks, and then release the lock lever.



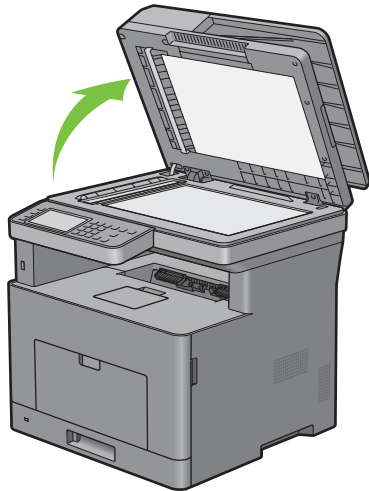
- 4 Load paper in tray1, and then insert the tray into the printer and push until it stops.



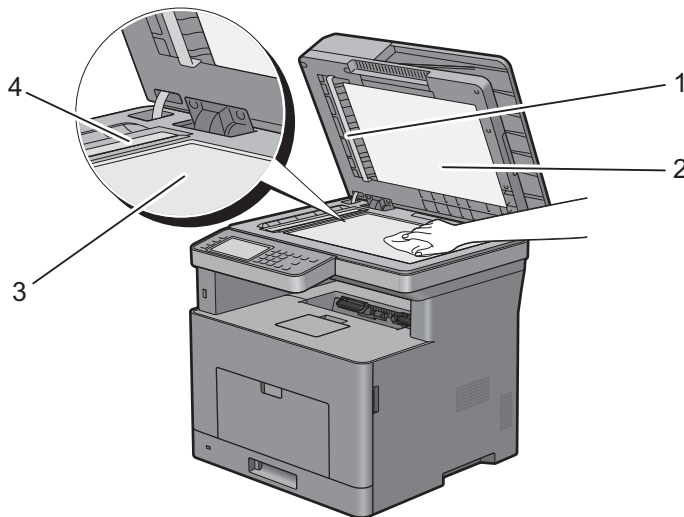
## Cleaning the Scanner

Keeping the scanner clean helps ensure the best possible copies. It is recommended to clean the scanner at the start of each day and during the day, as needed.

- 1 Slightly dampen a soft lint-free cloth or paper towel with water.
- 2 Open the document cover.



- 3 Wipe the surface of the document glass and DADF glass until it is clean and dry.



---

1 White Sheet

**NOTE:** Handle with care.

---

2 White Document Cover

---

3 Document Glass

---

4 DADF Glass

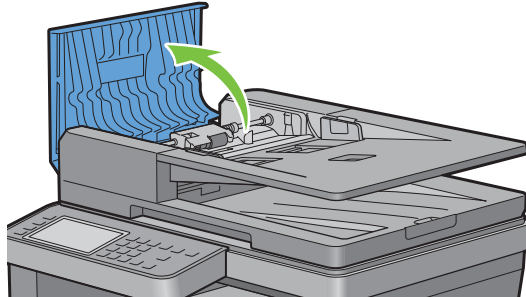
---

- 4 Wipe the underside of the white document cover and white sheet until it is clean and dry.
- 5 Close the document cover.

## Cleaning the DADF Feed Roller

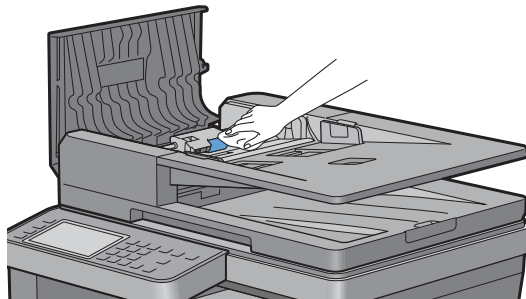
Keeping the DADF feed roller clean helps ensure the best possible copies. It is recommended to clean the DADF feed roller at regular intervals.

- 1 Open the DADF cover.



- 2 Wipe the DADF feed roller with a dry soft lint-free cloth or paper towel until it is clean.

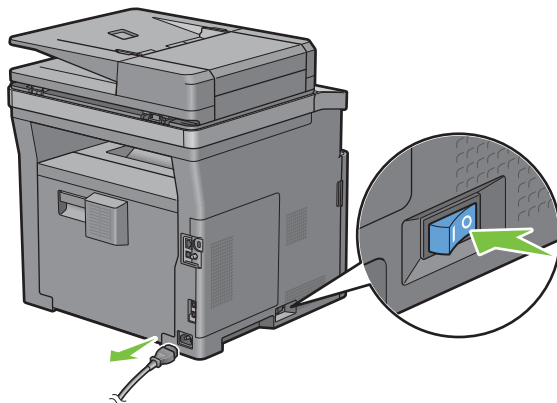
If the DADF feed roller gets soiled with ink stains, paper from the DADF may also be soiled. In this case, slightly dampen a soft lint-free cloth or paper towel with a neutral detergent or water, and then remove the contamination from the DADF feed roller until it is clean and dry.



## Cleaning Inside the Printer

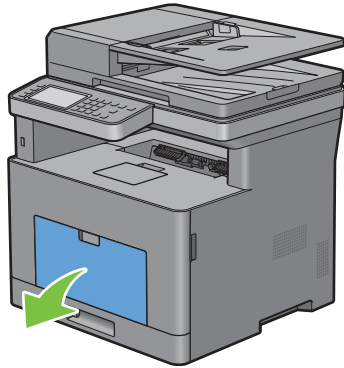
Clean the feed roller inside the printer if print media does not feed correctly.

- 1 Turn off the printer and disconnect the power cable.

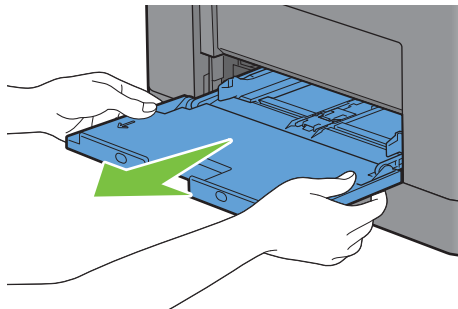


**NOTE:** The data in the memory are cleared when the printer is turned off.

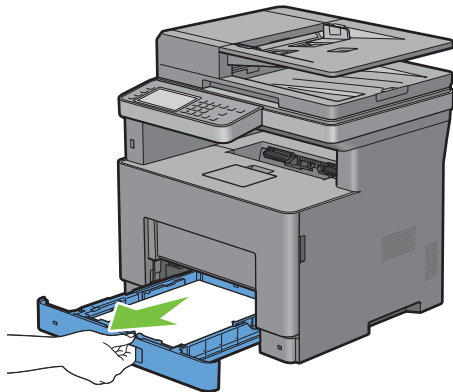
- 2 Gently pull open the MPF cover.



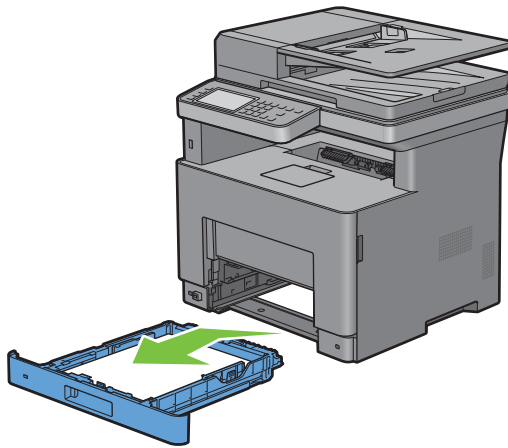
- 3 Grasp both sides of the MPF, and then pull the MPF from the printer.



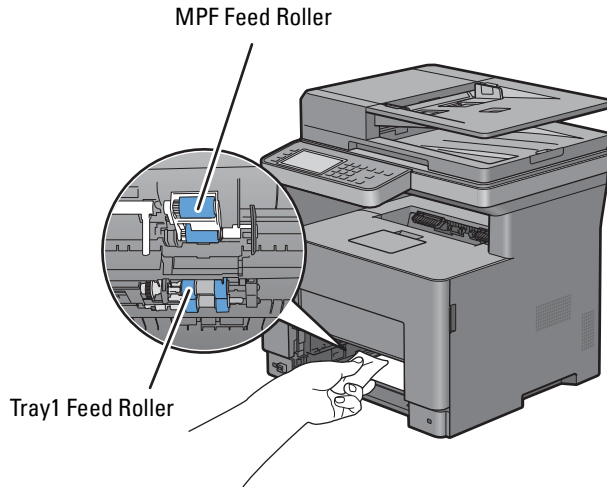
- 4 Pull tray1 out of the printer about 200 mm.



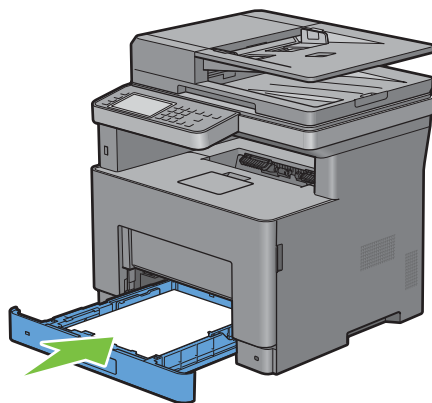
- 5 Hold tray1 with both hands, and remove it from the printer.




- 6 Wipe the feed roller inside the printer with a cloth moistened with water.

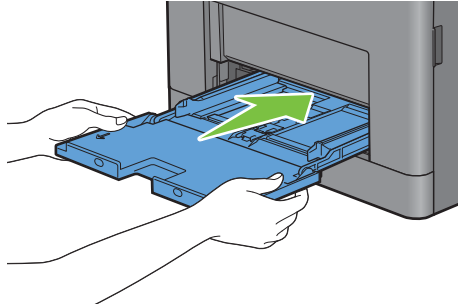


- 7 Insert tray1 into the printer, and push until it stops.



 **NOTE:** Do not use excessive force on the tray. Doing so could damage the tray or the inside of the printer.

- 8 Insert the MPF into the printer, push until it stops, and close the cover.



## Moving the Printer

This section describes how to move the printer.



**WARNING:** Two people are required to move the printer.



**WARNING:** To prevent you from dropping the printer and getting backache or injuries, lift the printer by firmly gripping the recessed areas on both sides of the printer. Never lift the printer by gripping any other areas.



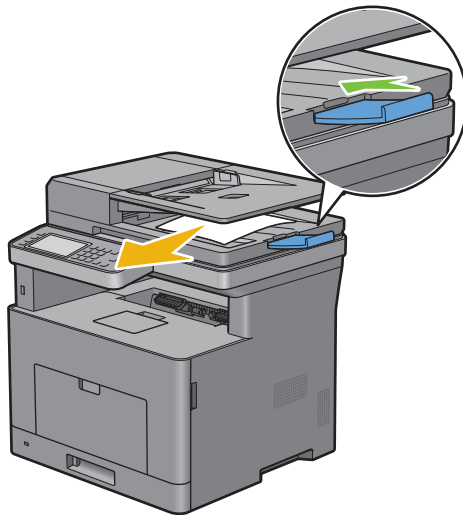
**NOTE:** If the optional 550-sheet feeder has been installed, uninstall the optional 550-sheet feeder before moving the printer. If the optional 550-sheet feeder is not fixed securely to the printer, it may fall to the ground and cause injuries. For details on how to uninstall the optional 550-sheet feeder, see "Removing the Optional 550-Sheet Feeder."

- 1 Turn off the printer and disconnect the power cable, interface cable, and any other cables.

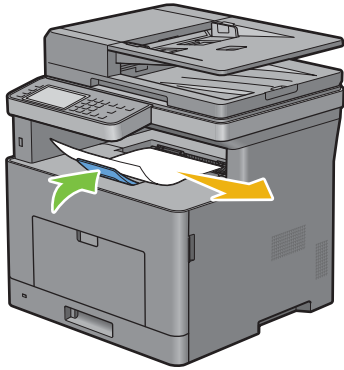


**NOTE:** The data in the memory are cleared when the printer is turned off.


- 2 Remove any paper in the document output tray and slide the document stopper inside the DADF.

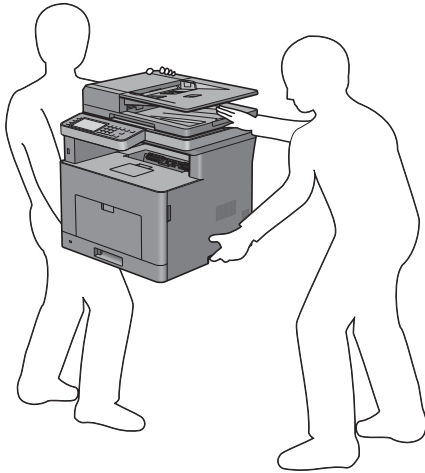


- 3 Remove any paper in the output tray and retract the output tray extension.



- 4 Lift the printer and move it gently.

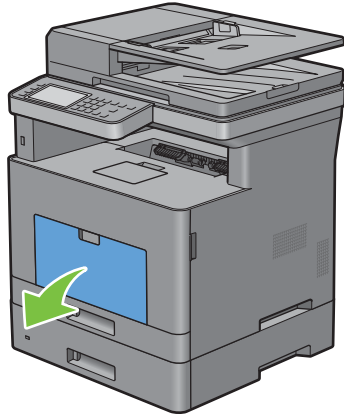
 **NOTE:** If you move the printer over a long distance, remove the toner cartridge from the printer to prevent toner from spilling, and pack the printer inside a box.



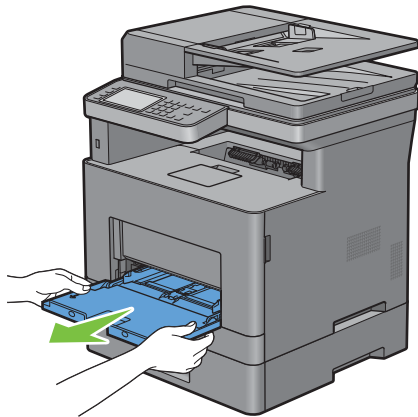
## Removing the Optional 550-Sheet Feeder

**⚠ WARNING:** When you remove the optional 550-sheet feeder (Tray2), be sure to turn off the printer, unplug the power cable, and disconnect all cables from the rear of the printer before starting these tasks.

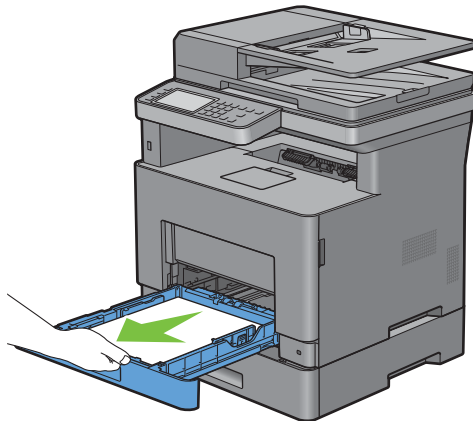
- 1 Ensure that the printer is turned off, and then disconnect all cables from the rear of the printer.
- 2 Gently pull open the MPF cover.



- 3 Grasp both sides of the MPF, and then pull the MPF from the printer.

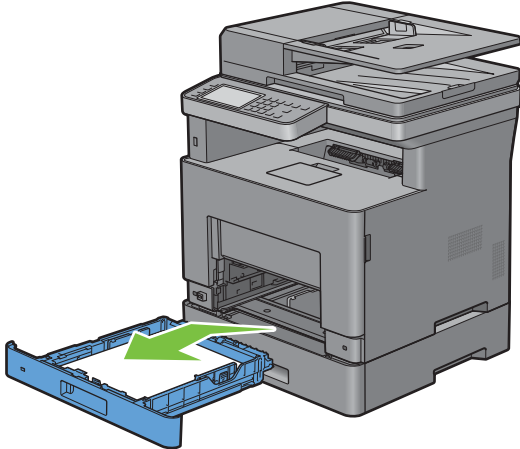


- 4 Pull tray1 out of the printer about 200 mm.

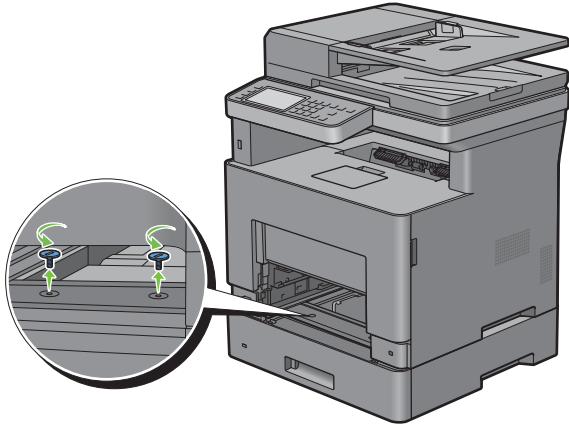




5 Hold tray with both hands, and remove it from the printer.

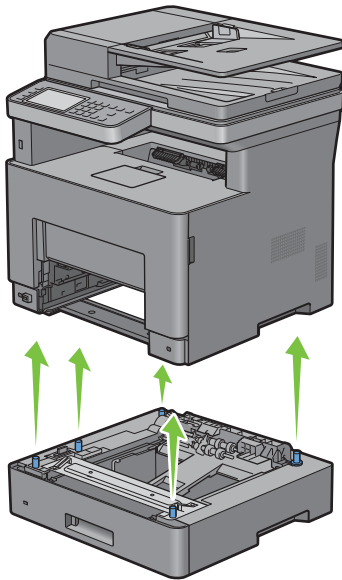


6 Remove the two screws joining the printer and the optional 550-sheet feeder by unscrewing them with a coin or similar object.

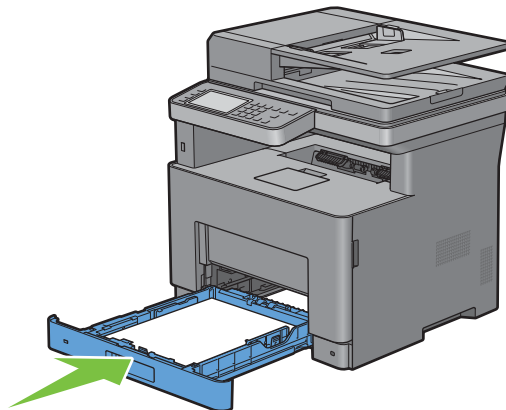


7 Gently lift the printer off the optional 550-sheet feeder, and place it on a level surface.

 **WARNING:** Two people are required to lift the printer.

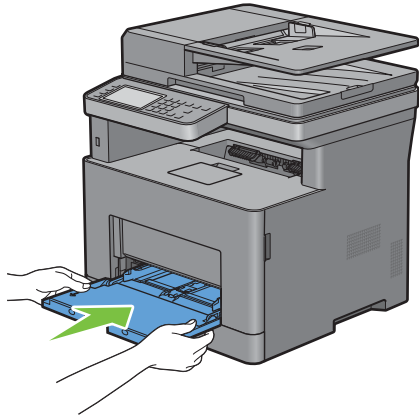


8 Insert tray 1 into the printer, and push until it stops.



 **CAUTION:** Do not use excessive force on the tray. Doing so could damage the tray or the inside of the printer.

- 9** Insert the MPF into the printer, push until it stops, and close the MPF.




- 10** Re-connect all cables into the rear of the printer and turn on the printer.



## Clearing Jams

Careful selection of appropriate print media and proper loading allow you to avoid paper jams. See "Print Media Guidelines" for more information.

 **NOTE:** Before buying large quantities of any print media, it is recommended to try a sample first.

 **NOTE:** The images used in this manual are those of the Dell™ Cloud Multifunction Printer | H815dw unless otherwise mentioned.

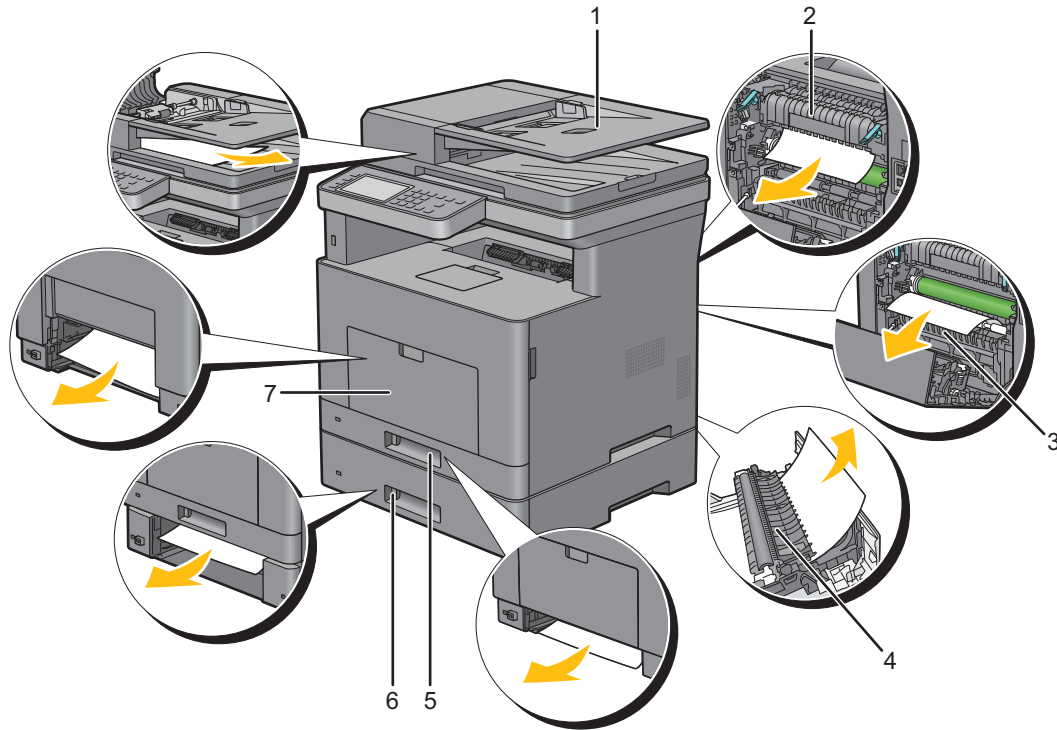
## Avoiding Jams

- Use only recommended print media. See "Print Media Guidelines" for more information.
- See "Loading Print Media in Tray1 and the Optional 550-Sheet Feeder" and "Loading Print Media in the MPF" to load print media properly.
- Do not overload the print media sources. Ensure that the print media stack height does not exceed the maximum height indicated by the load-line labels in the tray.
- Do not load wrinkled, creased, damp, or curled print media.
- Flex, fan, and straighten print media before you load it. If a jam occurs with print media, try feeding one sheet at a time through the multipurpose feeder (MPF).
- Do not use print media that you have cut or trimmed yourself.
- Do not mix print media sizes, weights, or types in the same print media source.
- Ensure that the recommended print side is face up when you insert the print media.
- Keep print media stored in an acceptable environment. For more information, see "Storing Print Media."
- Do not remove the feeding tray during a print job.
- Push tray1 or the optional 550-sheet feeder (tray2) in firmly after loading.
- Ensure that all cables that connect to the printer are correctly attached.
- Overtightening the guides may cause jams.
- Wipe the retard rollers in the tray or MPF with a cloth that is slightly dampened with water if jams caused by misfeeding paper occur frequently.

## Identifying the Location of Paper Jams

**⚠ WARNING:** Do not attempt to clear any jams using tools or instruments. This may permanently damage the printer.


The following illustration shows where paper jams may occur along the print media path.



1	Duplex Automatic Document Feeder (DADF)
2	Fusing Unit
3	Regi Roll
4	Duplexer
5	Tray 1
6	Optional 550-Sheet Feeder
7	Multipurpose Feeder (MPF)

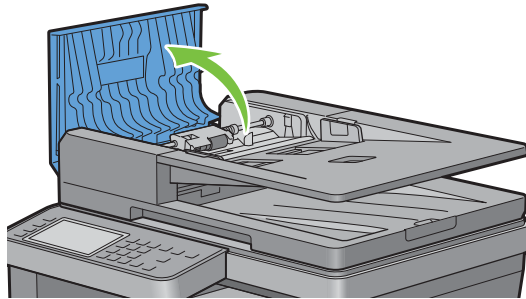
## Clearing Paper Jams From the DADF

When a document jams while it passes through the DADF, remove the jam according to the following procedure.

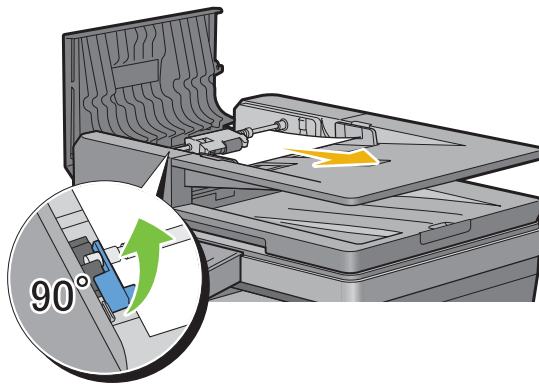
 **NOTE:** To prevent document jams, use the document glass for thick, thin, or mixed documents.

### If status code: 005-112, 005-121, or 005-900 appears:

- 1 Remove the remaining documents from the DADF.  
If the document is jammed in the paper feed area:
  - a Open the DADF cover.

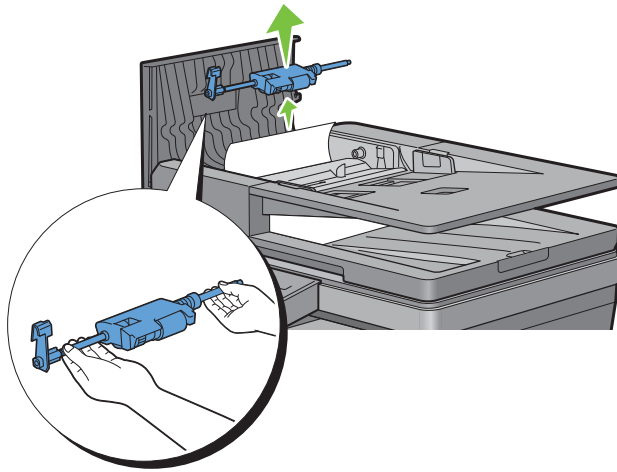


- b Lift the release lever 90 degrees and remove the jammed document by carefully pulling it to the right.

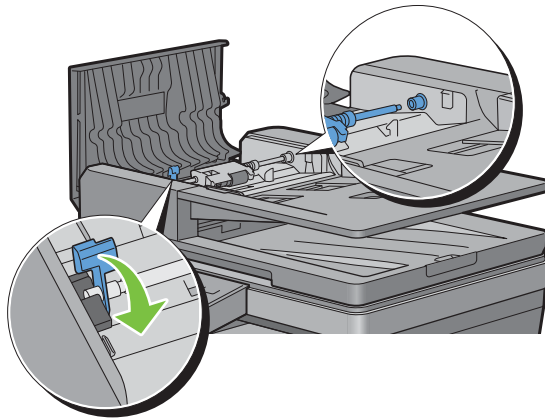


If you find it difficult to pull the document:

- c Remove the DADF feed roller assembly and remove the document by gently pulling it straight up.

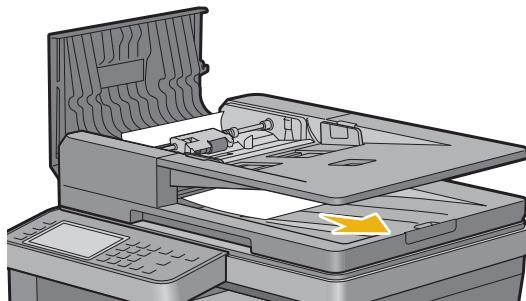


- d Insert the DADF feed roller assembly and press down the release lever.



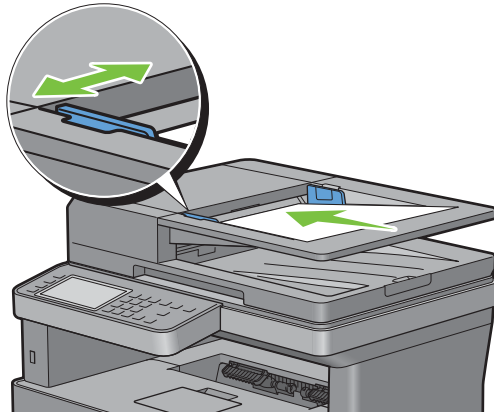
If the document is jammed in the paper exit area:

- e Remove the jammed document from the document output tray.





- f Close the DADF cover, and then load the documents back into the DADF.



**NOTE:** Ensure that you adjust the document guides before printing a Legal-size document.

- 2 If you cannot see the jammed document or the jammed document do not move when you pulled, open the document cover.
- 3 Remove the document from the white sheet by carefully pulling it to the right.
- 4 Close the document cover, and then load the documents back into the DADF.
- 5 Tap *Start*.

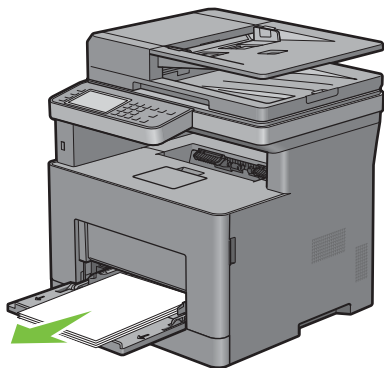
#### **If status code: 005-110 appears:**

- 1 Remove the jammed and the remaining documents from the DADF.  
You do not have to open the DADF cover.
- 2 Load the documents back into the DADF.
- 3 Tap *Start*.

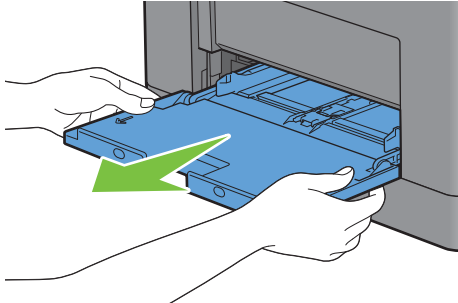
## **Clearing Paper Jams From the MPF**

**NOTE:** To resolve the error displayed on the touch panel, you must clear all print media from the print media path.

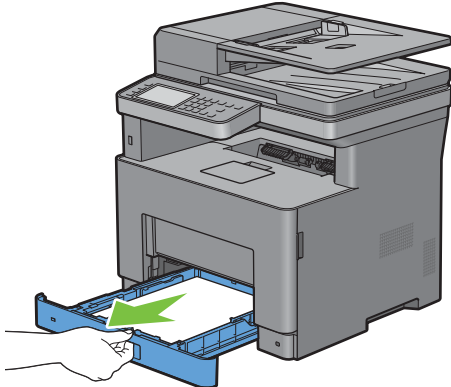
- 1 Remove any paper loaded on the MPF



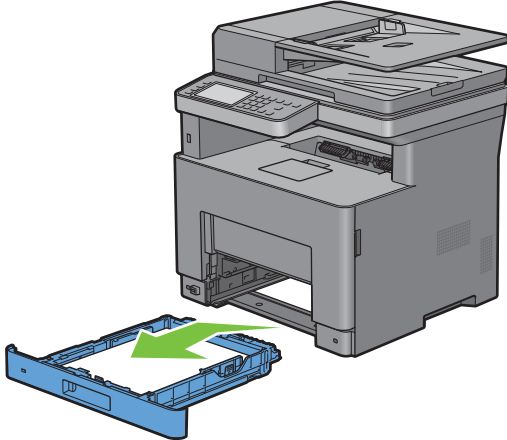
2 Grasp both sides of the MPF, and then pull it out of the printer.



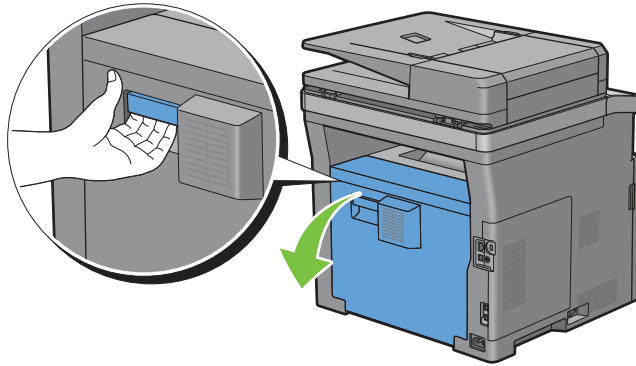
3 Pull tray1 out of the printer about 200 mm.



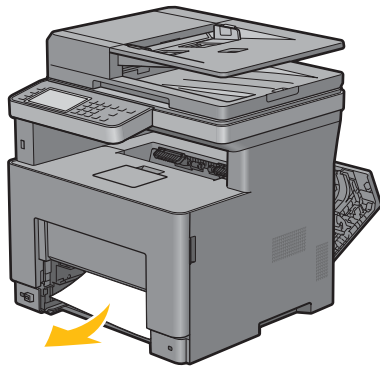
4 Hold tray1 with both hands, and remove it from the printer.



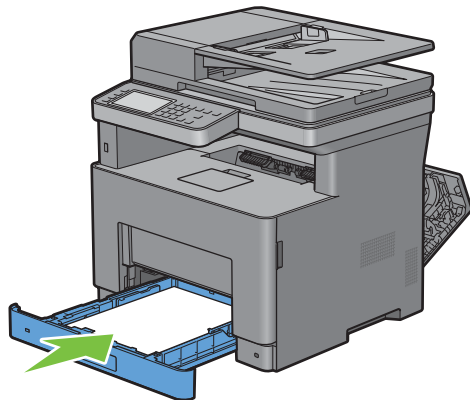
5 Pull the rear cover handle to open the rear cover.



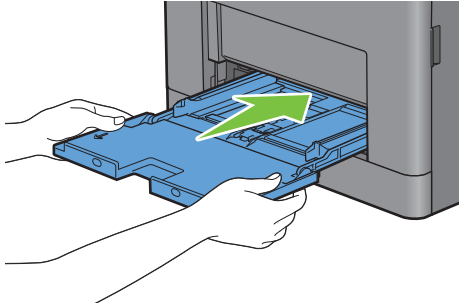
6 Remove the jammed paper.



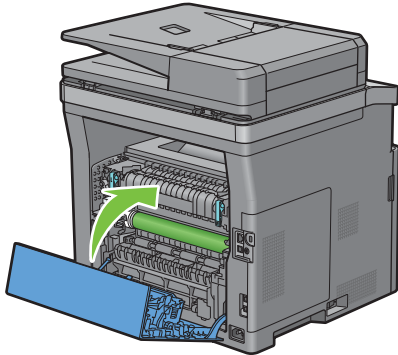
7 Insert tray1 into the printer, and push until it stops.




8 Insert the MPF into the printer.



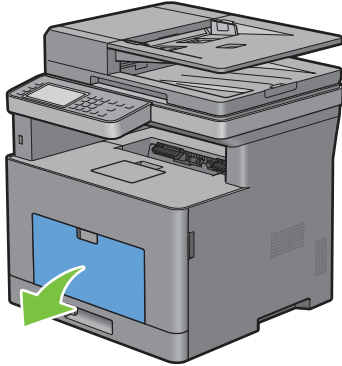
9 Close the rear cover.



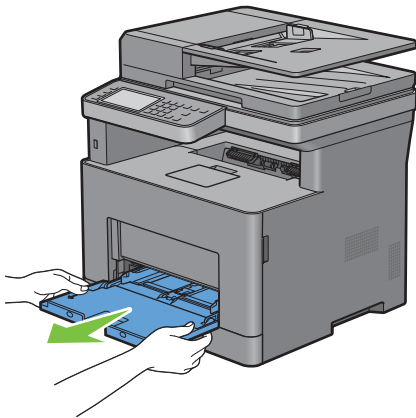
## Clearing Paper Jams From Tray1

 **NOTE:** To resolve the error displayed on the touch panel, you must clear all print media from the print media path.

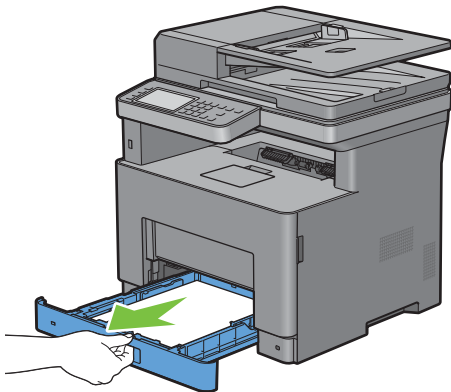
- 1 Gently pull open the MPF cover.



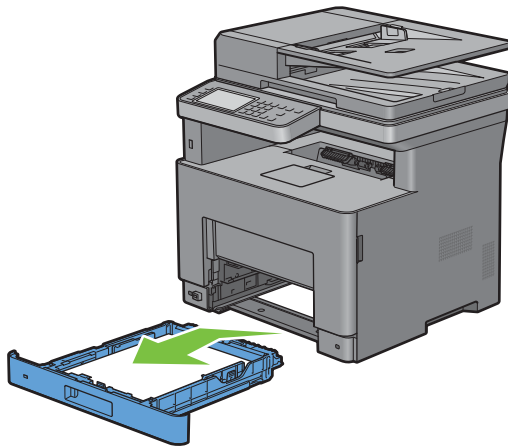
- 2 Grasp both sides of the MPF, and then pull the MPF from the printer.



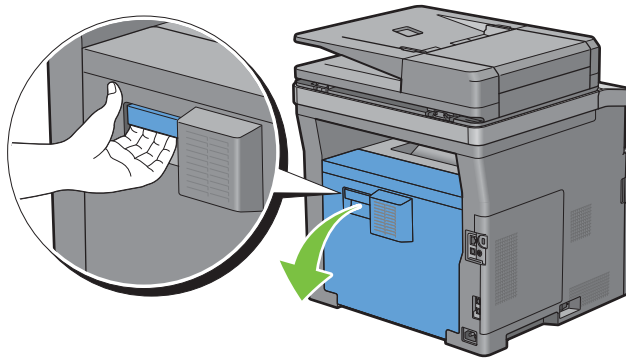
- 3 Pull tray1 out of the printer about 200 mm.



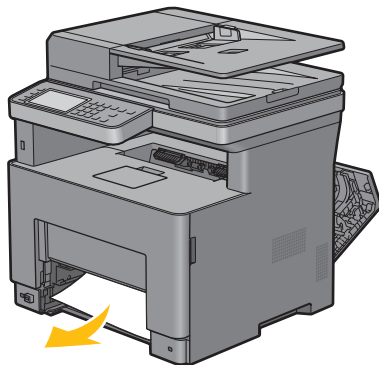
4 Hold tray1 with both hands, and remove it from the printer.



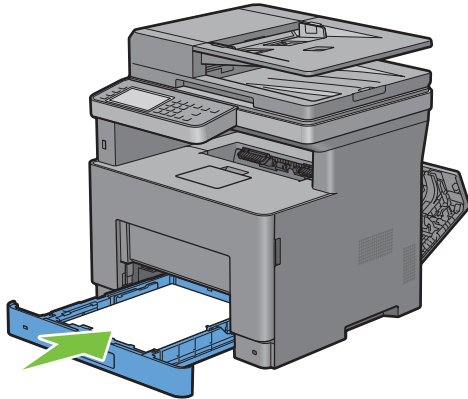
5 Pull the rear cover handle to open the rear cover.



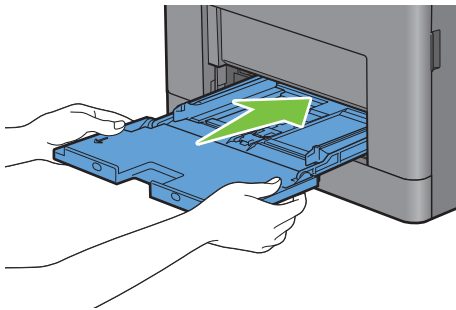
6 Remove the jammed paper.



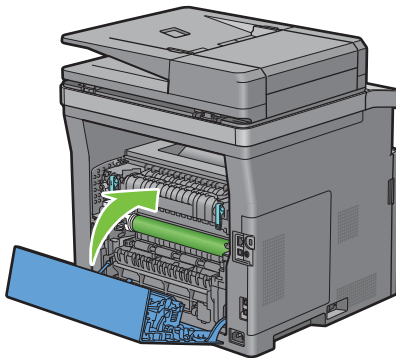
**7** Insert tray1 into the printer, and push until it stops.



**8** Insert the MPF into the printer, push until it stops, and close the MPF.




**9** Close the rear cover.



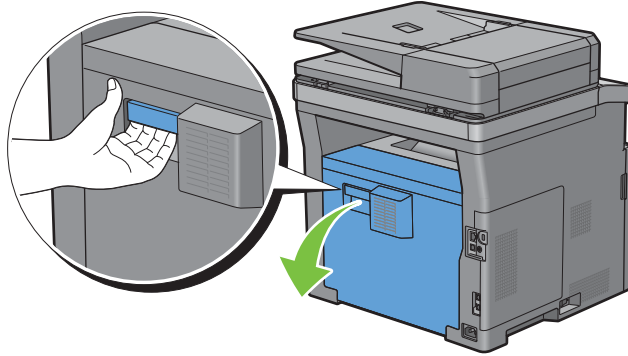
**10** Tap Start.

## Clearing Paper Jams From the Fusing Unit

 **NOTE:** To resolve the error displayed on the touch panel, you must clear all print media from the print media path.

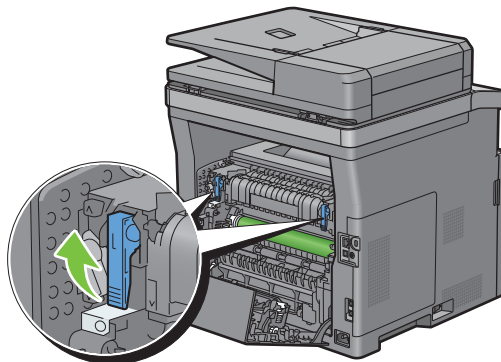
**If status code: 050-130 appears:**

- 1 Pull the rear cover handle to open the rear cover.

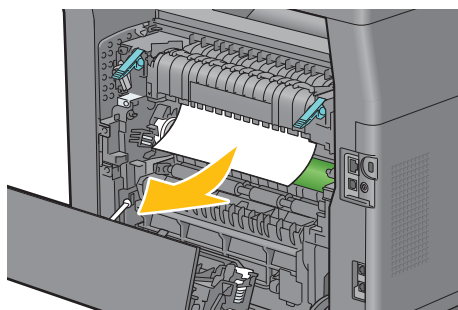


- 2 Lift the levers on both sides of the fusing unit.

 **WARNING:** The fusing unit is hot. Do not touch it, doing so may cause burns.

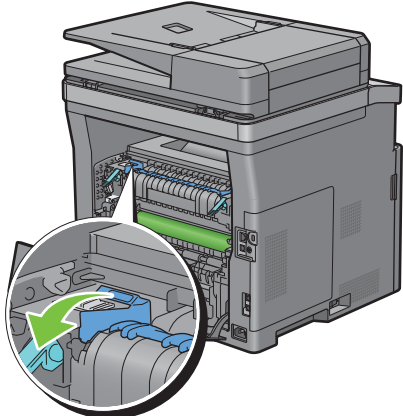


- 3 If the document is jammed under the fusing unit, remove the jammed document from under the fusing unit.

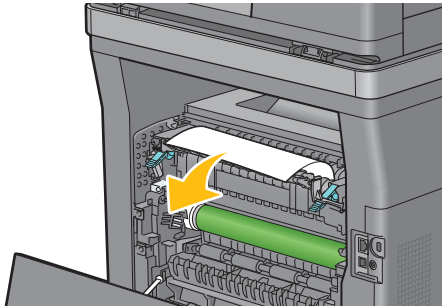




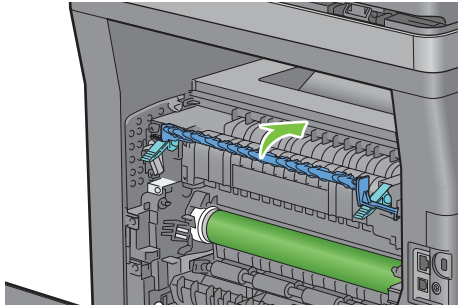
4 If the document is jammed above the fusing unit, raise the tab of the inner part, and turn it to open.



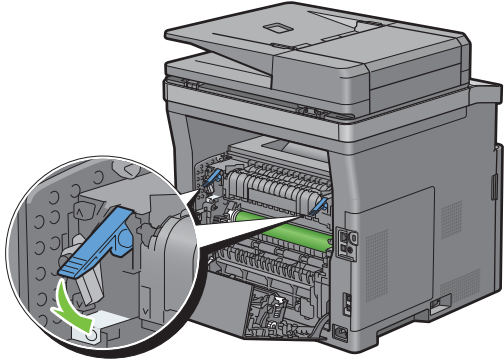
5 Remove the jammed document from above the fusing unit.



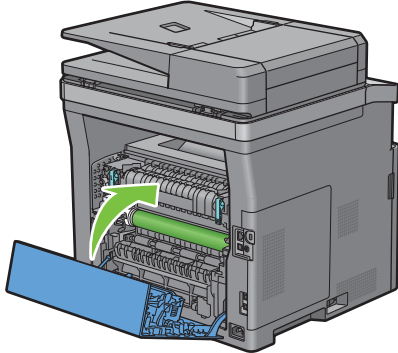
6 Replace the inner part.






7 Press down the levers on both sides of the fusing unit.



8 Close the rear cover.

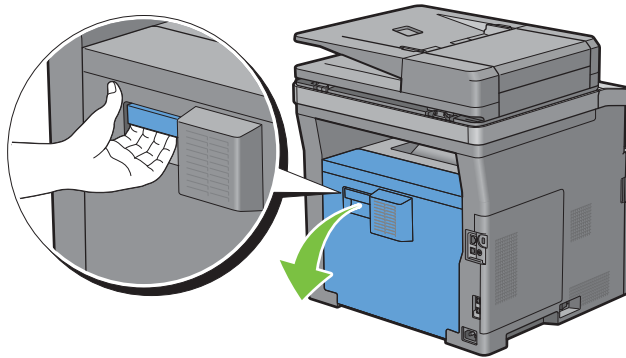


## Clearing Paper Jams From the Duplexer

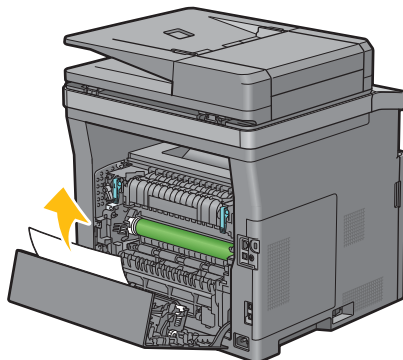
-  **CAUTION:** Ensure that nothing touches or scratches the surface (the roll made with sponge) of the transfer unit. Scratches, dirt, or oil from your hands on the roll of the transfer unit may reduce print quality.
-  **CAUTION:** Protect the drum of the drum cartridge against bright light. If the rear cover remains open for more than 3 minutes, print quality may deteriorate.
-  **NOTE:** To resolve the error displayed on the touch panel, you must clear all print media from the print media path.

### If status code: 050-131 appears:

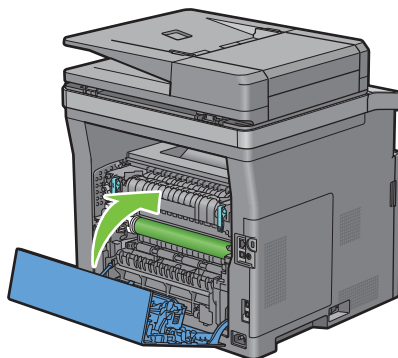
- 1 Pull the rear cover handle to open the rear cover.






- 2 Remove the jammed paper from the duplexer.



- 3 Close the rear cover.

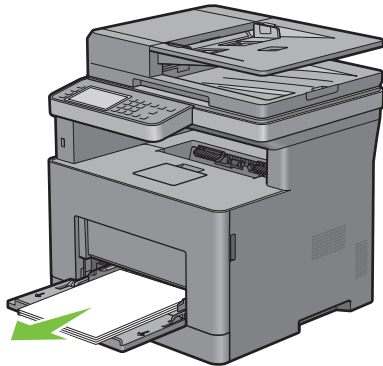


## Clearing Paper Jams From the Regi Roll

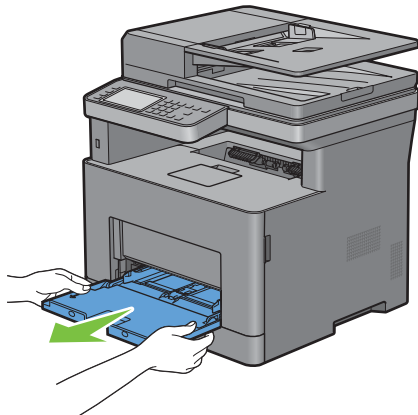
-  **CAUTION:** Ensure that nothing touches or scratches the surface (the roll made with sponge) of the transfer unit. Scratches, dirt, or oil from your hands on the roll of the transfer unit may reduce print quality.
-  **CAUTION:** Protect the drum of the drum cartridge against bright light. If the rear cover remains open for more than 3 minutes, print quality may deteriorate.
-  **NOTE:** To resolve the error displayed on the touch panel, you must clear all print media from the print media path.

### If status code: 050-142 appears:

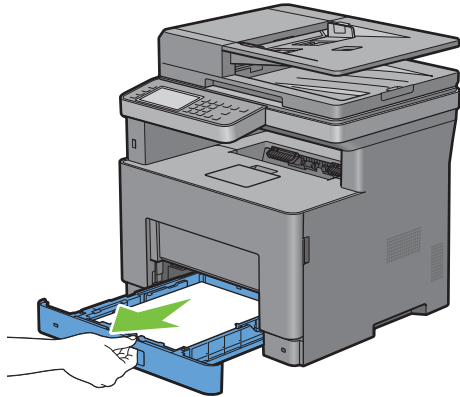
- 1 Open the MPF, or remove the remaining documents from the MPF.



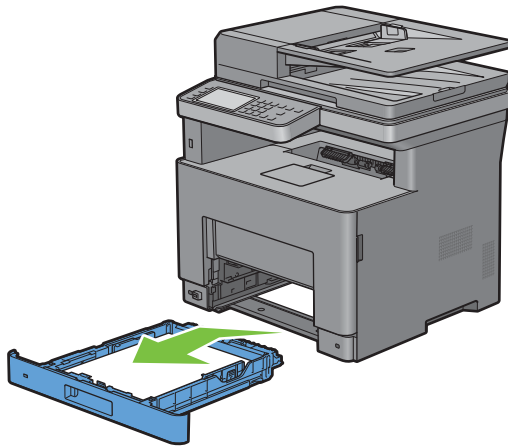
- 2 Grasp both sides of the MPF, and then pull the MPF from the printer.



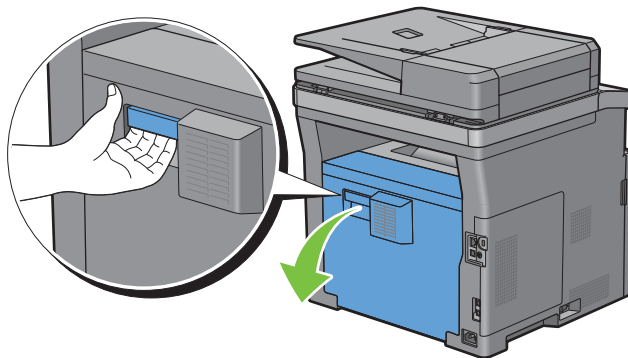
- 3 Pull tray1 from the printer about 200 mm.



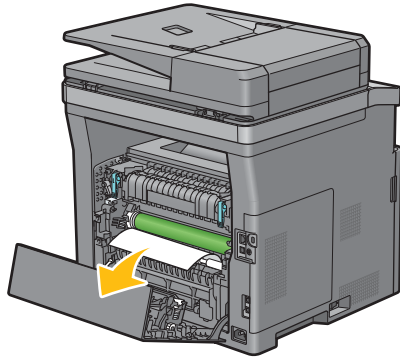
- 4 Hold tray1 with both hands, and remove it from the printer.




- 5 Pull the rear cover handle to open the rear cover.

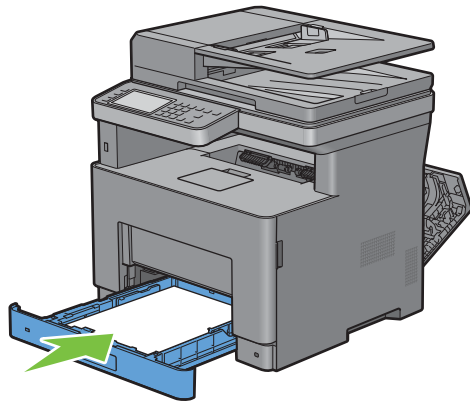


- 6 Remove the jammed paper from the regi roll.

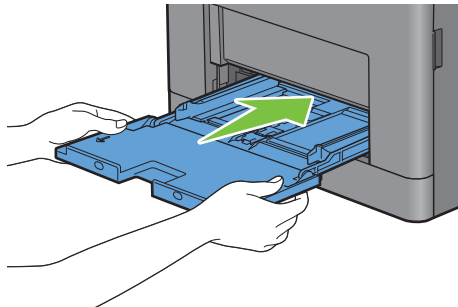


- 7 Insert tray1 into the printer, and push until it stops.

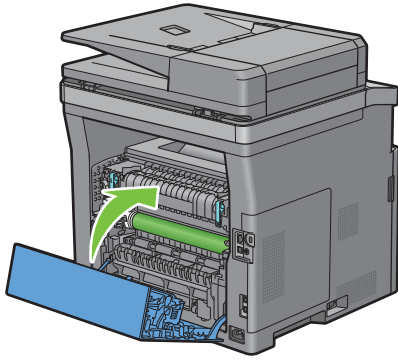
 **NOTE:** Do not use excessive force on the tray. Doing so could damage the tray or the inside of the printer.



- 8 Insert the MPF into the printer, push until it stops, and close the MPF.

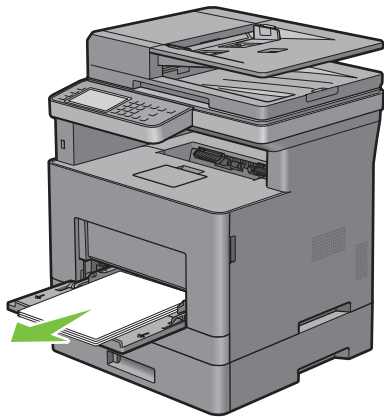


- 9 Close the rear cover.

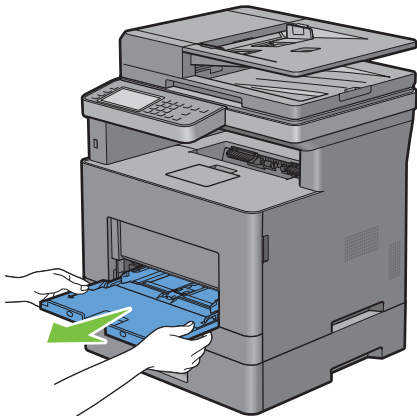


**If status code: 050-132 appears:**

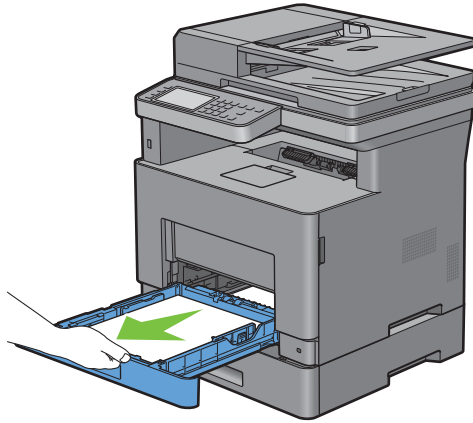
- 1 Open the MPF, or remove the remaining documents from the MPF.



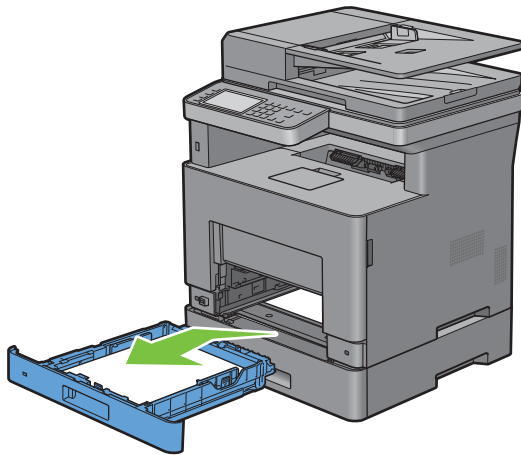
- 2 Grasp both sides of the MPF, and then pull the MPF from the printer.



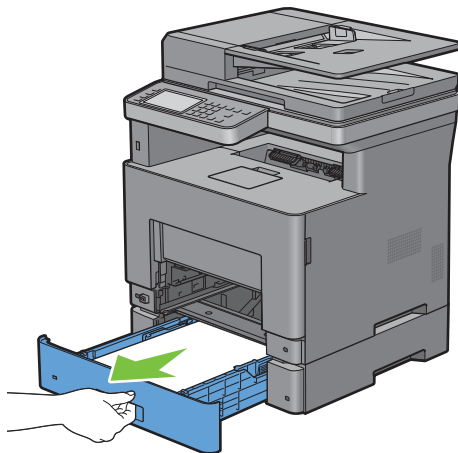
- 3 Pull tray1 from the printer about 200 mm.



- 4 Hold tray1 with both hands, and remove it from the printer.

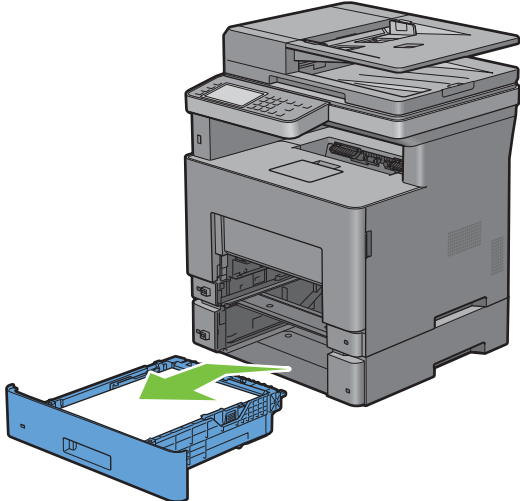


- 5 Pull the optional 550-sheet feeder from the printer about 200 mm.

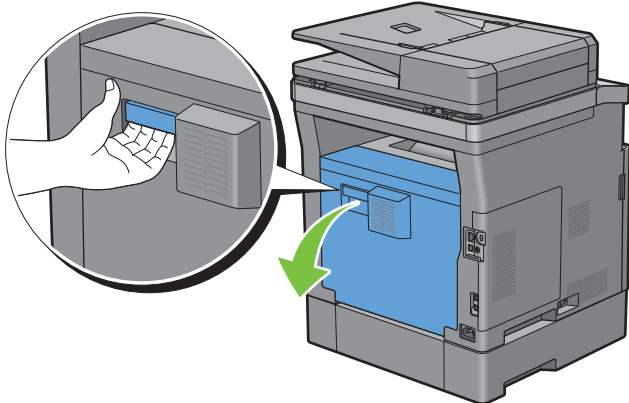




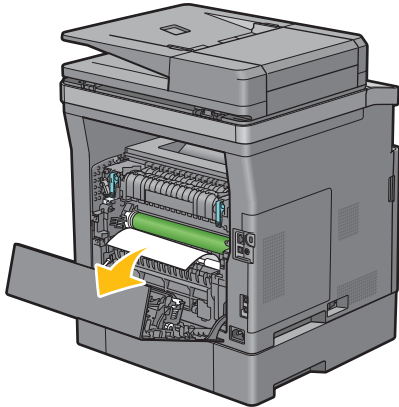
6 Hold the optional 550-sheet feeder with both hands, and remove it from the printer.



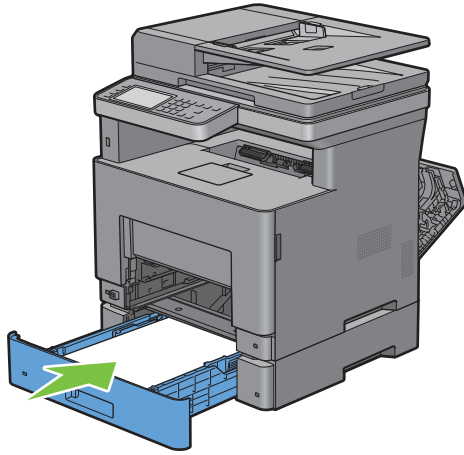
7 Pull the rear cover handle to open the rear cover.



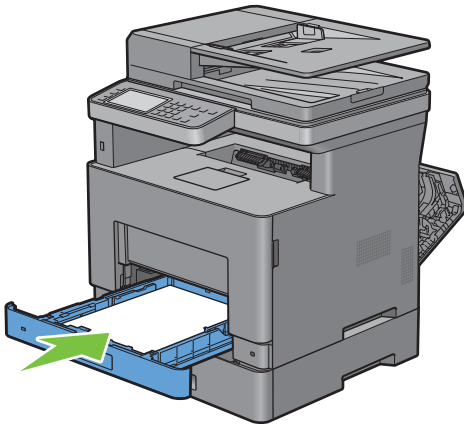
8 Remove the jammed paper.



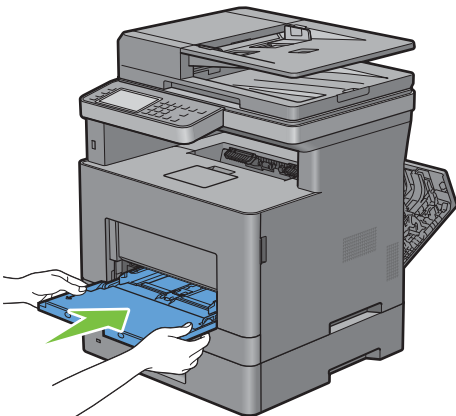
**9** Insert the optional 550-sheet feeder into the printer, and push until it stops.



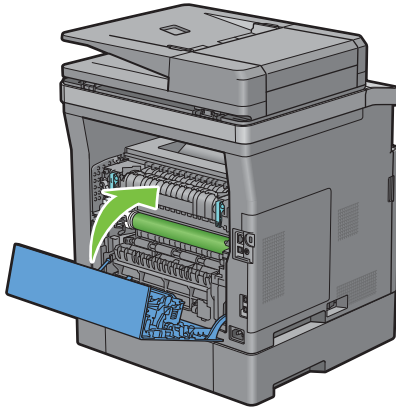
**10** Insert tray1 into the printer, and push until it stops.



**11** Insert the MPF into the printer, push until it stops, and close the MPF.



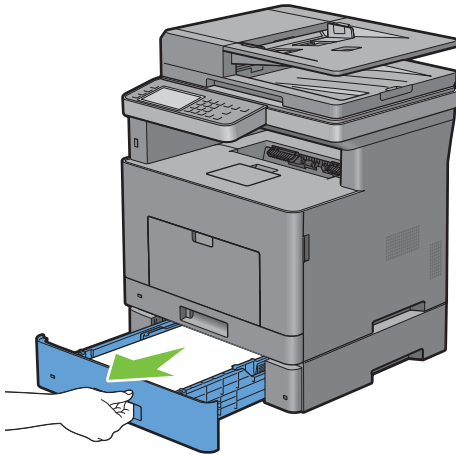
12 Close the rear cover.



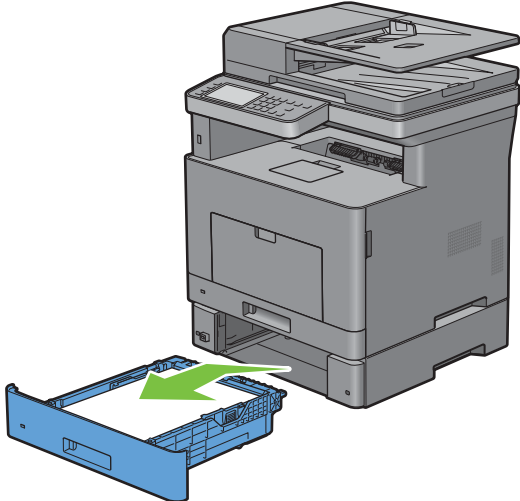
## Clearing Paper Jams From the Optional 550-Sheet Feeder

 **NOTE:** To resolve the error displayed on the touch panel, you must clear all print media from the print media path.

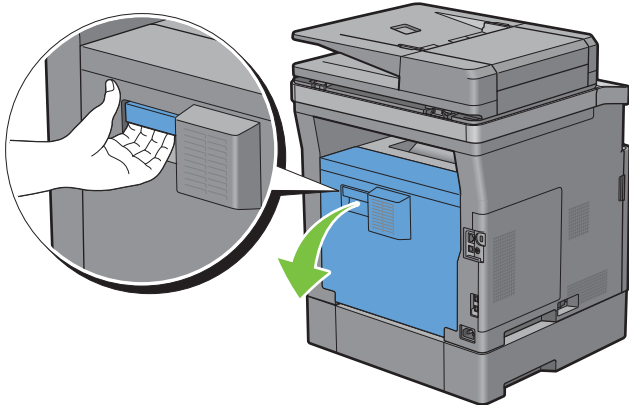
- 1 Pull the optional 550-sheet feeder out of the printer about 200 mm.



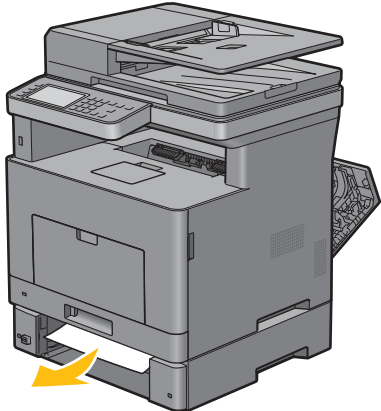
2 Hold the optional 550-sheet feeder with both hands, and remove it from the printer.



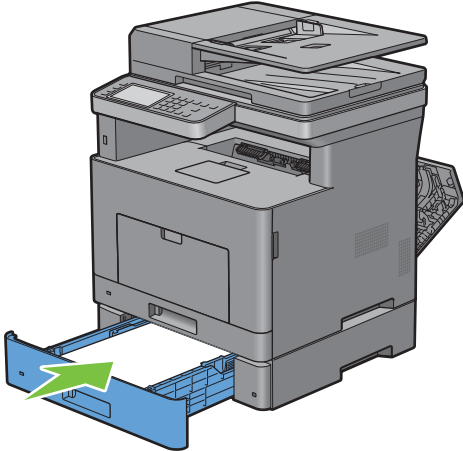
3 Pull the rear cover handle to open the rear cover.



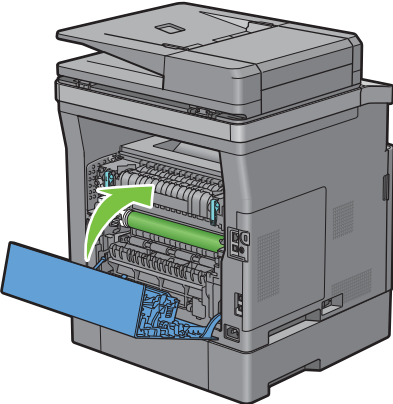
4 Remove the jammed paper.



5 Insert the optional 550-sheet feeder into the printer, and push until it stops.



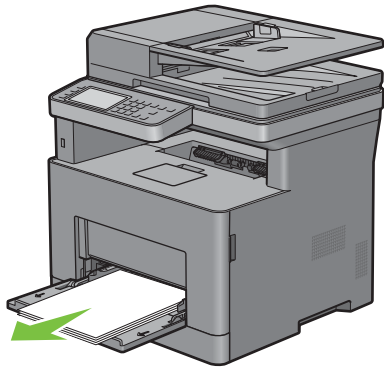
6 Close the rear cover.



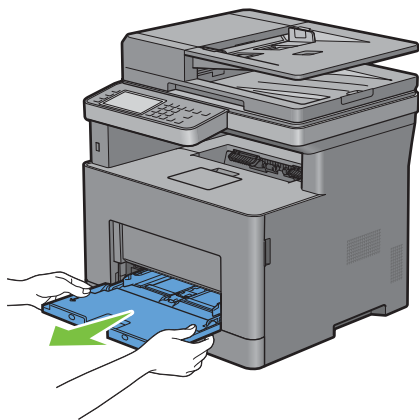
## Clearing Paper Jams From the Trays

If status code 050-134 appears:

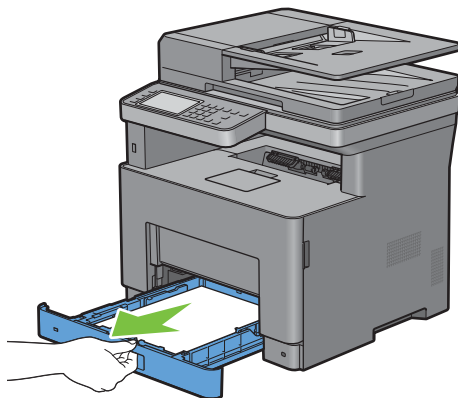
- 1 Open the MPF, or remove the remaining documents from the MPF.



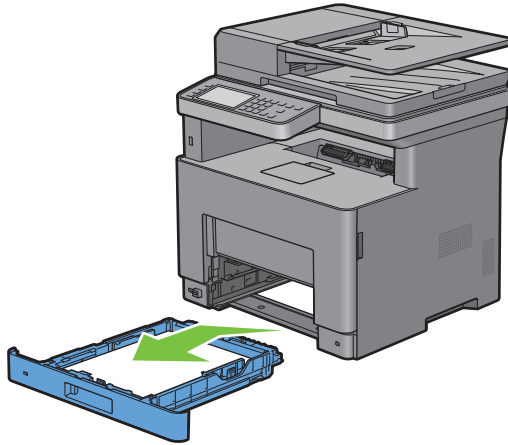
- 2 Grasp both sides of the MPF, and then pull the MPF from the printer.




- 3 Pull tray1 from the printer about 200 mm.

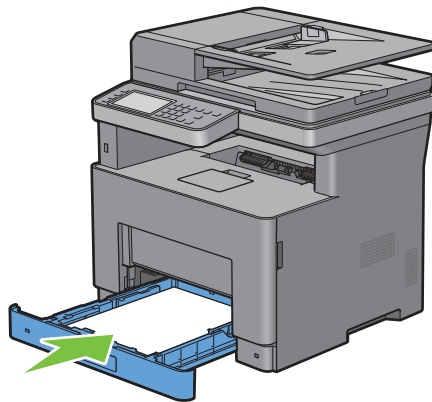


- 4 Hold tray1 with both hands, and remove it from the printer.

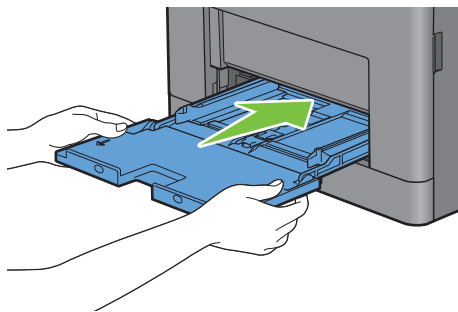


- 5 Remove the jammed paper.
- 6 Insert tray1 into the printer, and push until it stops.

 **NOTE:** Do not use excessive force on the tray. Doing so could damage the tray or the inside of the printer.



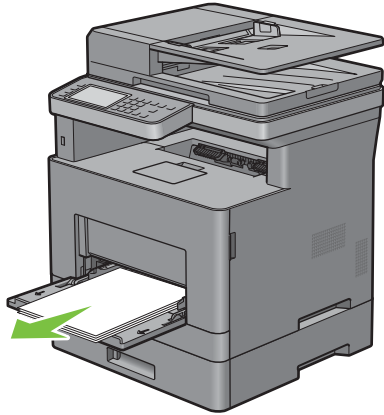
- 7 Insert the MPF into the printer, push until it stops, and close the MPF.



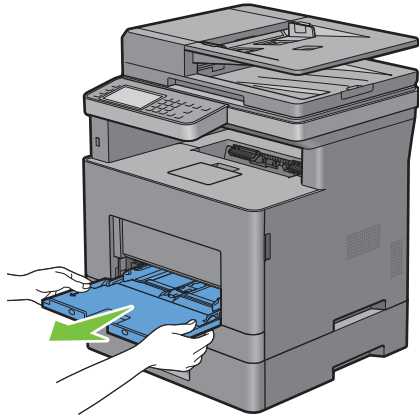
- 8 Tap OK on the touch panel.

**If status code 050-133 appears:**

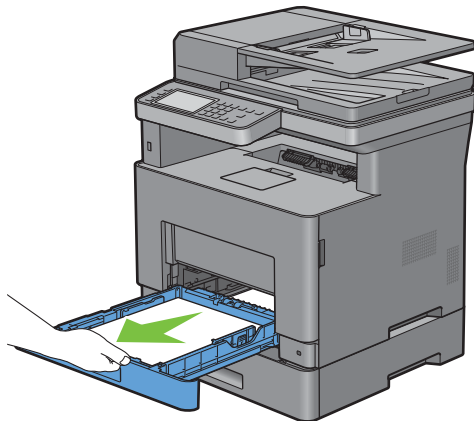
- 1 Open the MPF, or remove the remaining documents from the MPF.



- 2 Grasp both sides of the MPF, and then pull the MPF from the printer.

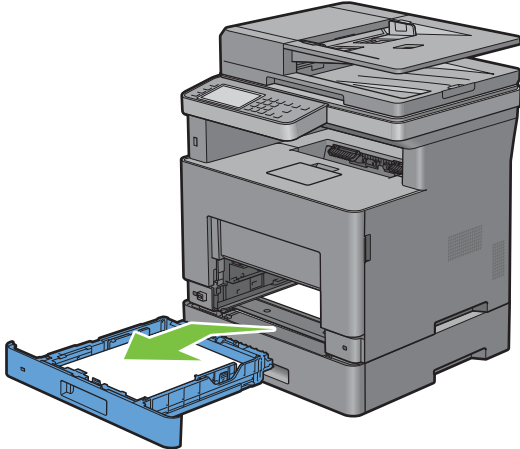


- 3 Pull tray1 from the printer about 200 mm.

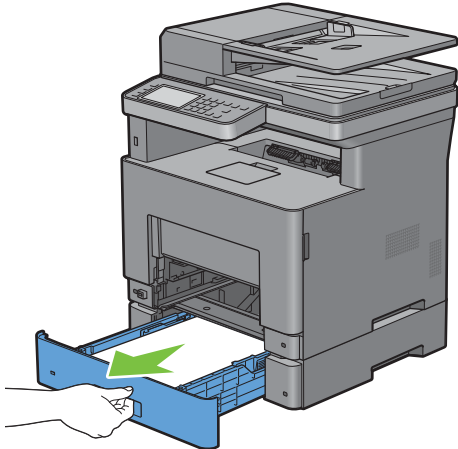




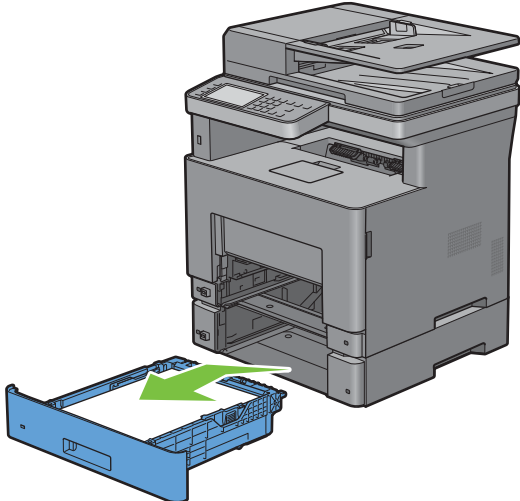
4 Hold tray1 with both hands, and remove it from the printer.



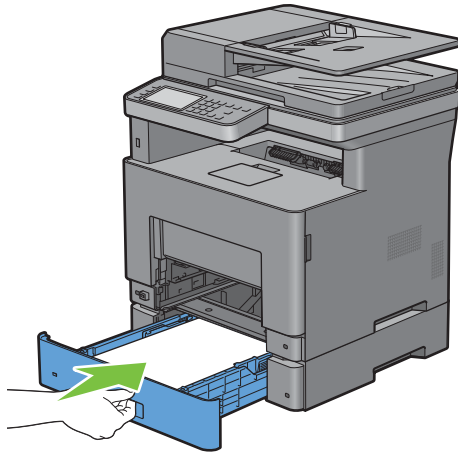
5 Pull the optional 550-sheet feeder from the printer about 200 mm.



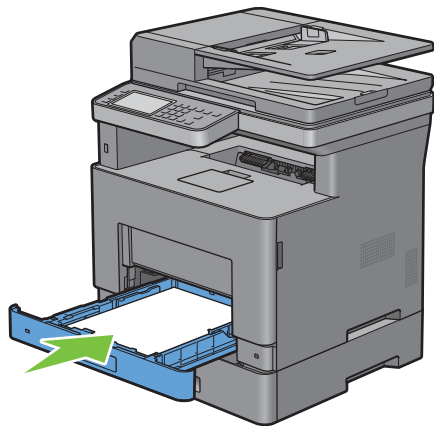
6 Hold the optional 550-sheet feeder with both hands, and remove it from the printer.



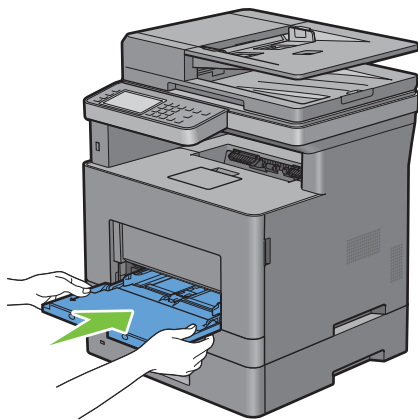
- 7 Remove the jammed paper.
- 8 Insert the optional 550-sheet feeder into the printer, and push until it stops.



- 9 Insert tray1 into the printer, and push until it stops.



- 10 Insert the MPF into the printer, push until it stops, and close the MPF.



- 11 Tap OK on the touch panel.

# Troubleshooting

33 Troubleshooting Guide .....	501
--------------------------------	-----




# Troubleshooting Guide

## Basic Printer Problems

Some printer problems can be easily resolved. If a problem occurs with your printer, check each of the following:

- The power cable is plugged into the printer and a properly grounded electrical outlet.
- The printer is turned on.
- The electrical outlet is not turned off at any switch or breaker.
- Other electrical equipment plugged into the outlet is working.
- All options are properly installed.


If you have checked all of the above and still have a problem, turn off the printer, wait for 10 seconds, and then turn on the printer. This often fixes the problem.



 **NOTE:** If error messages are displayed on the touch panel or on your computer screen, follow the on-screen instructions to resolve the printer problems. For details about error messages and status codes, see "Understanding Printer Messages."



## Display Problems

Problem	Action
Menu settings changed from the operator panel have no effect.	Settings in the software program, the printer driver, or the printer utilities are overriding the settings made on the operator panel.

## Printing Problems

 **NOTE:** If Panel Lock Control is set to Enable, you need to enter the four-digit password to enter the Admin Settings menu.

Problem	Action
Job did not print or incorrect characters printed.	Ensure that the top menu appears on the touch panel before you send a job to print. Press the  (Home) button to return to the top menu.
	Ensure that the print media is loaded in the printer. Press the  (Home) button to return to the top menu.
	Verify that the printer is using the correct Page Description Language (PDL).
	Verify that you are using the correct printer driver.
	Ensure that the correct USB or Ethernet cable is securely connected to the printer.
	Verify that the correct print media size is selected.
	If you are using a print spooler, verify that the spooler has not stalled.
	Print a Demo Page from the Report/List.
	Ensure that the printer is correctly working.
	Check the printer's interface from the Admin Settings.
Determine the host interface you are using. Print a panel settings report to verify that the current interface settings are correct.	

Problem	Action
	Check if the  icon is shown on the touch panel. If  is shown, cancel the envelope mode. For details on canceling the envelope mode, see "To Cancel the Envelope Mode."
Print media misfeeds or multiple feeds occur.	<p>Ensure that the print media you are using meets the specifications for your printer. See "Supported Paper Types" for more information.</p> <p>Fan the print media before loading it.</p> <p>Ensure that the print media is loaded correctly.</p> <p>Ensure that the width and length guides of the print media sources are adjusted correctly.</p> <p>Ensure that tray1, the optional 550-sheet feeder (tray2), or the multi-purpose feeder (MPF) unit is securely inserted.</p> <p>Do not overload tray1, the optional 550-sheet feeder, or the MPF.</p> <p>Do not force print media into the MPF when you load it; otherwise, it may skew or buckle.</p> <p>Ensure that the print media is not curled.</p> <p>Face the recommended print side up. See "Loading Print Media in Tray1 and the Optional 550-Sheet Feeder" for more information.</p> <p>Turn the print media over or around and try printing again to see if feeding improves.</p> <p>Do not mix print media types.</p> <p>Do not mix reams of print media.</p> <p>Remove the top and bottom curled sheets of a ream before loading the print media.</p> <p>Load print media only when tray1, the optional 550-sheet feeder, or the MPF is empty.</p> <p>Wipe the retard rollers in tray1, the optional 550-sheet feeder, or the MPF with a cloth moistened with water.</p>
The envelope is creased after printed.	Make sure that the envelope is loaded in the MPF as instructed in "Loading Envelopes in the MPF."
Page breaks in unexpected places.	Increase the value for <b>Time-Out</b> using the operator panel, the <b>Tool Box</b> , or <b>Dell™ Printer Configuration Web Tool</b> .
Print media does not stack neatly in the output tray.	Turn the print media stack over in tray1 or the MPF.
Printing takes time when printing from the Dell Document Hub.	Set <b>Print Mode</b> to <b>High Speed</b> in the printer menu. See "Print Mode" for more information.
Cannot print from tray1 or the optional 550-sheet feeder because the print media in tray1 or the optional 550-sheet feeder is curled.	Load the print media into the MPF.

## Print Quality Problems



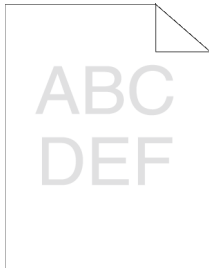
**NOTE:** Some of the following procedures that use the **Tool Box** can also be performed using the operator panel or **Dell Printer Configuration Web Tool**. For information on how to use the operator panel and **Dell Printer Configuration Web Tool**, see "Understanding the Printer Menus" and "Dell™ Printer Configuration Web Tool."






**NOTE:** In some of the following procedures you may need to use the **Tool Box**, which can be opened from the **Dell Printer Hub** or **Dell Printer Management Tool**. To start the **Tool Box**, see "Tool Box (for Microsoft® Windows®)."

- The output is too light
- Toner smears or print comes off
- Random spots/Blurred images
- The entire output is blank
- Streaks appear on the output
- Pitched dots
- Vertical blanks
- Mottle
- Ghosting
- Light-induced fatigue
- Fog
- Bead-Carry-Out (BCO)
- Jagged characters
- Banding
- Auger mark
- Wrinkled/Stained paper
- Damage on the leading edge of paper

**The output is too light**

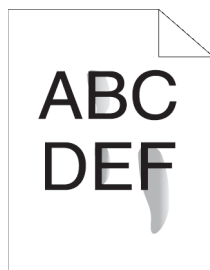


Action	Yes	No
1 The toner cartridge may be low or need to be replaced. Confirm the amount of toner left in the toner cartridge. <ul style="list-style-type: none"> <li>a Check the toner level on the <b>Dell Printer Configuration Web Tool</b>.</li> <li>b Replace the toner cartridge as necessary.</li> </ul> Does this solve your problem?	The task is complete.	Go to action 2.
2 If you are using a non-Dell brand toner cartridge, enable the <b>Non-Dell Toner</b> option. <ul style="list-style-type: none"> <li>a Start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Service Tools</b> on the <b>Printer Maintenance</b> tab.</li> <li>b Ensure that the <b>On</b> check box under <b>Non-Dell Toner</b> is selected.</li> </ul> Does this solve your problem?	The task is complete.	Go to action 3.

Action	Yes	No
<p>3 Disable the <b>Toner Saver</b> in the printer driver.</p> <p><b>a</b> On the <b>Others</b> tab, ensure that <b>Off</b> is selected in the <b>Toner Saver</b> drop-down menu.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 4.
<p>4 The print media surface may be uneven. Try changing the <b>Paper Type</b> setting in the printer driver. For example, change the plain paper to thick.</p> <p><b>a</b> On the <b>General</b> tab, change the <b>Paper Type</b> setting.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 5.
<p>5 Verify that the correct print media is being used. See "Supported Paper Types." If not, use the print media recommended for the printer.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 6.
<p>6 Ensure the transfer unit is correctly installed.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 7.
<p>7 Stir the developer in the drum cartridge.</p> <p><b>a</b> Press the  (<b>Information</b>) button and tap the <b>Tools</b> tab → tap <b>Admin Settings</b> → <b>Maintenance</b> → <b>Clean Developer</b>.</p> <p><b>b</b> After you stir the developer in the drum cartridge, print a <b>Demo Page</b> from <b>Report/List</b>.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 8.
<p>8 Clean the toner in the drum cartridge.</p> <p><b>a</b> Press the  (<b>Information</b>) button and tap the <b>Tools</b> tab → tap <b>Admin Settings</b> → <b>Maintenance</b> → <b>Toner Refresh</b>.</p> <p> <b>NOTE:</b> Toner Refresh feature uses the toner, and shorten the life of the toner cartridge and the drum cartridge.</p> <p><b>b</b> After you refresh the toner in the drum cartridge, print a <b>Demo Page</b> from <b>Report/List</b>.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 9.
<p>9 Replace the drum cartridge.</p> <p><b>a</b> Replace the drum cartridge. See "Replacing the Drum Cartridge."</p> <p><b>b</b> After you replace the drum cartridge, click <b>Reports</b> on the <b>Printer Setting Reports</b> tab.</p> <p><b>c</b> Click <b>Demo Page</b>.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

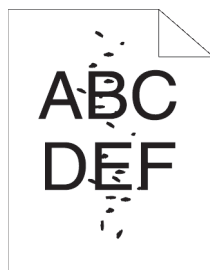


## Toner smears or print comes off



Action	Yes	No
<p>1 The print media surface may be uneven. Try changing the <b>Paper Type</b> setting in the printer driver. For example, change the plain paper to thick.</p> <p><b>a</b> On the <b>General</b> tab, change the <b>Paper Type</b> setting.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 2.
<p>2 Verify that the correct print media is being used. See "Supported Paper Types." If not, use the print media recommended for the printer.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 3.
<p>3 Replace the drum cartridge.</p> <p><b>a</b> Replace the drum cartridge. See "Replacing the Drum Cartridge."</p> <p><b>b</b> After you replace the drum cartridge, test print your document again.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 4.
<p>4 Clean the transfer unit.</p> <p><b>a</b> Press the <b>i</b> (<b>Information</b>) button and tap the <b>Tools</b> tab → tap <b>Admin Settings</b> → <b>Maintenance</b> → <b>Clean Transfer Unit</b>.</p> <p><b>b</b> After you clean the transfer unit, press the <b>i</b> (<b>Information</b>) button and tap <b>Report/List</b>.</p> <p><b>c</b> Tap <b>Demo Page</b>.</p> <p>The demo page is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 5.
<p>5 Replace the fusing unit, the transfer unit, and the retard roller.</p> <p><b>a</b> Replace the fusing unit, the transfer unit, and the retard roller. See "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller."</p> <p><b>b</b> After you replace the fusing unit, the transfer unit, and the retard roller, press the <b>i</b> (<b>Information</b>) button and tap <b>Report/List</b>.</p> <p><b>c</b> Tap <b>Demo Page</b>.</p> <p>The demo page is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

## Random spots/Blurred images



Action	Yes	No
<p>1 Ensure that the toner cartridge is installed correctly. See "Installing a Toner Cartridge." Does this solve your problem?</p>	The task is complete.	Go to action 2.
<p>2 Ensure that the drum cartridge is installed correctly. See "Installing a Drum Cartridge." Does this solve your problem?</p>	The task is complete.	Go to action 3.
<p>3 Replace the drum cartridge.  <b>a</b> Replace the drum cartridge. See "Replacing the Drum Cartridge."  <b>b</b> After you replace the drum cartridge, press the <b>i</b> (Information) button and tap <b>Report/List</b>.  <b>c</b> Tap <b>Demo Page</b>.                      The demo page is printed.                      Does this solve your problem?</p>	The task is complete.	Contact Dell.

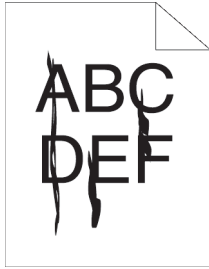
## The entire output is blank



Action	Yes	No
<p>1 Print a Demo Page from <b>Report/List</b>. Ensure that the demo page is correctly printed. Does this solve your problem?</p>	Go to action 2.	Go to action 3.
<p>2 If you are printing a document, try to print another data from the computer. Does this solve your problem?</p>	The task is complete.	Go to action 8.

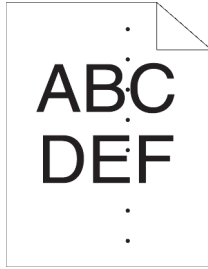
Action	Yes	No
<p>3 The toner cartridge may be low or need to be replaced. Confirm the amount of toner left in the toner cartridge.</p> <ul style="list-style-type: none"> <li>a Check the toner level on the <b>Dell Printer Configuration Web Tool</b>.</li> <li>b Replace the toner cartridge as necessary.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 4.
<p>4 If you are using a non-Dell brand toner cartridge, enable the <b>Non-Dell Toner</b> option.</p> <ul style="list-style-type: none"> <li>a Start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Service Tools</b> on the <b>Printer Maintenance</b> tab.</li> <li>b Ensure that the <b>On</b> check box under <b>Non-Dell Toner</b> is selected.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 5.
<p>5 Disable the <b>Toner Saver</b> in the printer driver.</p> <ul style="list-style-type: none"> <li>a On the <b>Others</b> tab, ensure that <b>Off</b> is selected in the <b>Toner Saver</b> drop-down menu.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 6.
<p>6 The print media surface may be uneven. Try changing the <b>Paper Type</b> setting in the printer driver. For example, change the plain paper to thick.</p> <ul style="list-style-type: none"> <li>a On the <b>General</b> tab, change the <b>Paper Type</b> setting.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 7.
<p>7 Verify that the correct print media is being used. See "Supported Paper Types." If not, use the print media recommended for the printer.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 8.
<p>8 Replace the drum cartridge.</p> <ul style="list-style-type: none"> <li>a Replace the drum cartridge. See "Replacing the Drum Cartridge."</li> <li>b After you replace the drum cartridge, click <b>Reports</b> on the <b>Printer Setting Reports</b> tab.</li> <li>c Click <b>Demo Page</b>.</li> </ul> <p>The demo page is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

## Streaks appear on the output



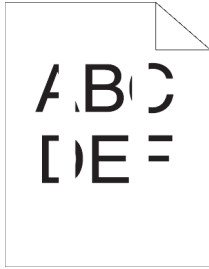
Action	Yes	No
<p>1 The toner cartridge may be low or need to be replaced. Confirm the amount of toner left in the toner cartridge.</p> <ul style="list-style-type: none"> <li>a Check the toner level on the <b>Dell Printer Configuration Web Tool</b>.</li> <li>b Replace the toner cartridge as necessary.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 2.
<p>2 If you are using a non-Dell brand toner cartridge, enable the <b>Non-Dell Toner</b> option.</p> <ul style="list-style-type: none"> <li>a Start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Service Tools</b> on the <b>Printer Maintenance</b> tab.</li> <li>b Ensure that the <b>On</b> check box under <b>Non-Dell Toner</b> is selected.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 3.
<p>3 Replace the drum cartridge.</p> <ul style="list-style-type: none"> <li>a Replace the drum cartridge. See "Replacing the Drum Cartridge."</li> <li>b After you replace the drum cartridge, click <b>Reports</b> on the <b>Printer Setting Reports</b> tab.</li> <li>c Click <b>Demo Page</b>.</li> </ul> <p>The demo page is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

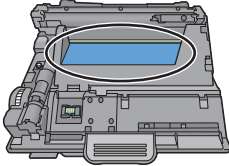



## Pitched dots



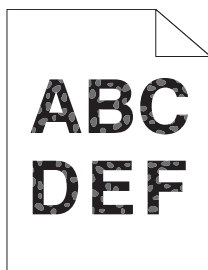
Action	Yes	No
<p>1 Locate the cause of the problem using the Pitch Configuration Chart.</p> <p><b>a</b> Start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Chart Print</b> on the <b>Diagnosis</b> tab.</p> <p><b>b</b> Click <b>Pitch Configuration Chart</b>.</p> <p>The Pitch Configuration Chart is printed.</p> <p><b>c</b> Compare the pitch of the spots on your output with that on the Pitch Configuration Chart, and locate the cause of the problem.</p> <p>Is the cause of the problem located?</p>	<p>Proceed to the action corresponding to the location of the problem:</p> <ul style="list-style-type: none"> <li>• Drum cartridge - 2</li> <li>• Fusing unit - 3</li> </ul>	<p>Contact Dell.</p>
<p>2 Replace the drum cartridge.</p> <p><b>a</b> Replace the drum cartridge. See "Replacing the Drum Cartridge."</p> <p><b>b</b> After you replace the drum cartridge, click <b>Chart Print</b> on the <b>Diagnosis</b> tab of the <b>Tool Box</b>.</p> <p><b>c</b> Click <b>Pitch Configuration Chart</b>.</p> <p>The Pitch Configuration Chart is printed.</p> <p>Does this solve your problem?</p>	<p>The task is complete.</p>	<p>Contact Dell.</p>
<p>3 Replace the fusing unit, the transfer unit, and the retard roller.</p> <p><b>a</b> Replace the fusing unit, the transfer unit, and the retard roller. See "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller."</p> <p><b>b</b> After you replace the fusing unit, the transfer unit, and the retard roller, click <b>Chart Print</b> on the <b>Diagnosis</b> tab of the <b>Tool Box</b>.</p> <p><b>c</b> Click <b>Pitch Configuration Chart</b>.</p> <p>The Pitch Configuration Chart is printed.</p> <p>Does this solve your problem?</p>	<p>The task is complete.</p>	<p>Contact Dell.</p>

## Vertical blanks



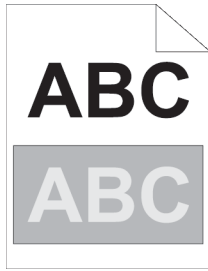
Action	Yes	No
<p>1 Ensure the light path is not covered.</p> <ul style="list-style-type: none"> <li>a Remove the drum cartridge, and keep it in the dark place.</li> <li>b Clean the rear side of the drum cartridge with a dry cloth.</li> </ul>	The task is complete.	Go to action 2.
		
<p> <b>NOTE:</b> Be careful not to touch or damage the drum.</p>		
<ul style="list-style-type: none"> <li>c Re-install the drum cartridge.</li> <li>d Press the  (<b>Information</b>) button and tap Report/List.</li> <li>e Tap Demo Page.</li> </ul> <p>The demo page is printed.</p>		
<p>Does this solve your problem?</p>		
<p>2 Replace the drum cartridge.</p> <ul style="list-style-type: none"> <li>a Replace the drum cartridge. See "Replacing the Drum Cartridge."</li> <li>b After you replace the drum cartridge, press the  (<b>Information</b>) button and tap Report/List.</li> <li>c Tap Demo Page.</li> </ul> <p>The demo page is printed.</p>	The task is complete.	Contact Dell.
<p>Does this solve your problem?</p>		

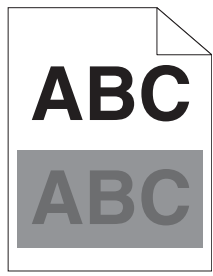
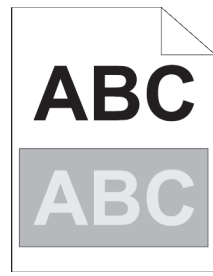
## Mottle



Action	Yes	No
1 Verify that the correct print media is being used. See "Supported Paper Types." If not, use the print media recommended for the printer. Does this solve your problem?	The task is complete.	Go to action 2.
2 Raise the transfer unit voltage. <b>a</b> Press the <b>i</b> ( <b>Information</b> ) button and tap the <b>Tools</b> tab → tap <b>Admin Settings</b> → <b>Maintenance</b> → <b>Adjust Transfer Unit</b> . <b>b</b> Increase the voltage. See "Adjust Transfer Unit."	The task is complete.	Go to action 3.
3 Replace the drum cartridge. <b>a</b> Replace the drum cartridge. See "Replacing the Drum Cartridge." <b>b</b> After you replace the drum cartridge, press the <b>i</b> ( <b>Information</b> ) button and tap <b>Report/List</b> . <b>c</b> Tap <b>Demo Page</b> . The demo page is printed. Does this solve your problem?	The task is complete.	Contact Dell.

## Ghosting

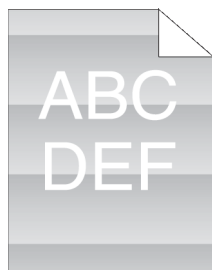


Action	Yes	No
<p>1 Identify the type of ghosting.</p> <p><b>a</b> Positive ghost</p>  <p><b>b</b> Negative ghost</p>  <p>Is the type of the problem identified?</p>	<p>Proceed to the action corresponding to the type of ghosting.</p> <p>Positive ghost - 2a</p> <p>Negative ghost - 2c</p>	<p>Contact Dell.</p>
<p>2a Specify <b>Decrease Ghosting to On</b>.</p> <p><b>a</b> Press the <b>i</b> (<b>Information</b>) button and tap the <b>Tools</b> tab → tap <b>Admin Settings</b> → <b>Maintenance</b> → <b>Decrease Ghosting</b>.</p> <p><b>b</b> Tap <b>On</b>.</p> <p><b>c</b> Tap <b>OK</b>.</p> <p>Does this solve your problem?</p>	<p>The task is complete.</p>	<p>Go to action 2b.</p>
<p>2b Lower the transfer unit voltage.</p> <p><b>a</b> Press the <b>i</b> (<b>Information</b>) button and tap the <b>Tools</b> tab → tap <b>Admin Settings</b> → <b>Maintenance</b> → <b>Adjust Transfer Unit</b>.</p> <p><b>b</b> Decrease the voltage. See "Adjust Transfer Unit."</p> <p>Does this solve your problem?</p>	<p>The task is complete.</p>	<p>Go to action 3.</p>
<p>2c Increase the transfer unit voltage.</p> <p><b>a</b> Press the <b>i</b> (<b>Information</b>) button and tap the <b>Tools</b> tab → tap <b>Admin Settings</b> → <b>Maintenance</b> → <b>Adjust Transfer Unit</b>.</p> <p><b>b</b> Increase the voltage. See "Adjust Transfer Unit."</p> <p>Does this solve your problem?</p>	<p>The task is complete.</p>	<p>Go to action 3.</p>
<p>3 Verify that the correct print media is being used. See "Supported Paper Types." If not, use the print media recommended for the printer.</p> <p>Does this solve your problem?</p>	<p>The task is complete.</p>	<p>Go to action 4.</p>



Action	Yes	No
<p>4 Replace the drum cartridge.</p> <p><b>a</b> Replace the drum cartridge. See "Replacing the Drum Cartridge."</p> <p><b>b</b> After you replace the drum cartridge, start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Chart Print</b> on the <b>Diagnosis</b> tab.</p> <p><b>c</b> Click <b>Pitch Configuration Chart</b>.</p> <p>The Pitch Configuration Chart is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell

## Light-induced fatigue



Action	Yes	No
<p>1 Check the light fatigue pattern using the Pitch Configuration Chart.</p> <p><b>a</b> Start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Chart Print</b> on the <b>Diagnosis</b> tab.</p> <p><b>b</b> Click <b>Pitch Configuration Chart</b>.</p> <p>The Pitch Configuration Chart is printed.</p> <p>Does the pattern on the output match with that on the Pitch Configuration Chart?</p>	Go to action 2.	Contact Dell.
<p>2 If the cause of the trouble is identified as the drum cartridge, replace the drum cartridge. See "Replacing the Drum Cartridge."</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

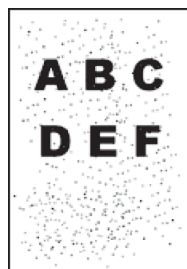
## Fog



Action	Yes	No
<p>1 Check if you are using a non-Dell brand toner cartridge.</p>	Go to action 2a.	Go to action 3.

Action	Yes	No
<p>2a Enable the Non-Dell Toner option.</p> <ul style="list-style-type: none"> <li>a Start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Service Tools</b> on the <b>Printer Maintenance</b> tab.</li> <li>b Ensure that the <b>On</b> check box under <b>Non-Dell Toner</b> is selected.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 2b.
<p>2b Replace the drum cartridge and the toner cartridge.</p> <ul style="list-style-type: none"> <li>a Remove the drum cartridge. See "Removing the Drum Cartridge."</li> <li>b Install a drum cartridge and a toner cartridge using a Dell toner.</li> <li>c After you replace the drum cartridge and the toner cartridge, click <b>Reports</b> on the <b>Printer Setting Reports</b> tab of the <b>Tool Box</b>.</li> <li>d Click <b>Demo Page</b>.</li> </ul> <p>The demo page is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.
<p>3 Replace the drum cartridge.</p> <ul style="list-style-type: none"> <li>a Replace the drum cartridge. See "Replacing the Drum Cartridge."</li> <li>b After you replace the drum cartridge, click <b>Reports</b> on the <b>Printer Setting Reports</b> tab of the <b>Tool Box</b>.</li> <li>c Click <b>Demo Page</b>.</li> </ul> <p>The demo page is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

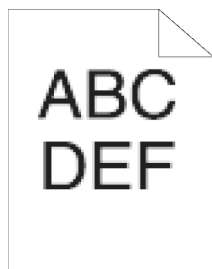
### Bead-Carry-Out (BCO)



Action	Yes	No
<p>1 If the printer is installed in a high altitude location, set the altitude of the location.</p> <ul style="list-style-type: none"> <li>a Start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Service Tools</b> on the <b>Printer Maintenance</b> tab.</li> <li>b Under <b>Adjust Altitude</b>, select the value close to the altitude of the location where the printer is installed.</li> <li>c Click <b>Reports</b> on the <b>Printer Setting Reports</b> tab.</li> <li>d Click <b>Demo Page</b>.</li> </ul> <p>The demo page is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Go to action 2.

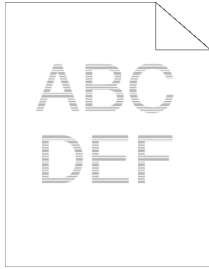
Action	Yes	No
<p>2 Replace the drum cartridge.</p> <ul style="list-style-type: none"> <li>a Replace the drum cartridge. See "Replacing the Drum Cartridge."</li> <li>b Click <b>Reports</b> on the <b>Printer Setting Reports</b> tab.</li> <li>c Click <b>Demo Page</b>.</li> </ul> <p>The demo page is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

## Jagged characters



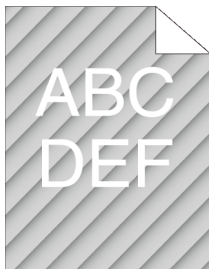
Action	Yes	No
<p>1 Set <b>Screen</b> to <b>Fineness</b> in the printer driver.</p> <ul style="list-style-type: none"> <li>a On the <b>Graphics</b> tab, set <b>Screen</b> to <b>Fineness</b>.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 2.
<p>2 Enable <b>Print Page Mode</b> in the printer driver.</p> <ul style="list-style-type: none"> <li>a On the <b>Others</b> tab, set <b>Print Page Mode</b> under <b>Image Options:</b> to <b>On</b>.</li> </ul> <p>Does this solve your problem?</p>	The task is complete.	Go to action 3.
<p>3 If using a downloaded font, ensure that the font is recommended for the printer, operating system, and the application being used.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

## Banding



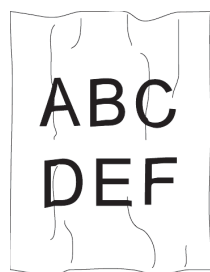
Action	Yes	No
<p>1 Locate the cause of the problem using the Pitch Configuration Chart.</p> <p><b>a</b> Start the <b>Tool Box</b> from the <b>Dell Printer Hub</b> or <b>Dell Printer Management Tool</b>, and click <b>Chart Print</b> on the <b>Diagnosis</b> tab.</p> <p><b>b</b> Click <b>Pitch Configuration Chart</b>.</p> <p>The Pitch Configuration Chart is printed.</p> <p>Is the cause of the problem located?</p>	<p>Proceed to the action corresponding to the location of the problem:</p> <ul style="list-style-type: none"> <li>• Drum cartridge - 2</li> <li>• Fusing unit - 3</li> </ul>	Contact Dell.
<p>2 Replace the drum cartridge.</p> <p><b>a</b> Replace the drum cartridge. See "Replacing the Drum Cartridge."</p> <p><b>b</b> After you replace the drum cartridge, click <b>Chart Print</b> on the <b>Diagnosis</b> tab of the <b>Tool Box</b>.</p> <p><b>c</b> Click <b>Pitch Configuration Chart</b>.</p> <p>The Pitch Configuration Chart is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.
<p>3 Replace the fusing unit, the transfer unit, and the retard roller.</p> <p><b>a</b> Replace the fusing unit, the transfer unit, and the retard roller. See "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller."</p> <p><b>b</b> After you replace the fusing unit, the transfer unit, and the retard roller, click <b>Chart Print</b> on the <b>Diagnosis</b> tab of the <b>Tool Box</b>.</p> <p><b>c</b> Click <b>Pitch Configuration Chart</b>.</p> <p>The Pitch Configuration Chart is printed.</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

## Auger mark



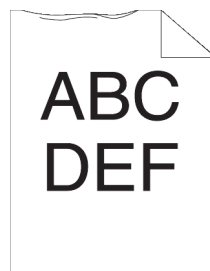
Action	Yes	No
<p>1 Replace the drum cartridge. See "Replacing the Drum Cartridge."</p> <p>Does this solve your problem?</p>	The task is complete.	Contact Dell.

## Wrinkled/Stained paper



Action	Yes	No
1 Verify that the correct print media is being used. See "Supported Paper Types." If not, use the print media recommended for the printer. Does this solve your problem?	The task is complete.	If printing on an envelope, go to action 2.  If printing on print media other than envelopes, go to action 5.
2 Ensure that the printer is set to the envelope mode. See "Printing on Envelopes – Envelope Mode." Does this solve your problem?	The task is complete.	Go to action 3.
3 Check the wrinkle. Is the wrinkle within 30 mm of the four edges of the envelope?	This type of wrinkle is considered normal. Your printer is not at fault.	Go to action 4.
4 Load the envelopes in the MPF properly. For details, see "Loading Envelopes in the MPF." Does this solve your problem?	The task is complete.	Go to action 5.
5 Adjust the paper guides properly. Does this solve your problem?	The task is complete.	Go to action 6.
6 Replace the print media with the freshly unpackaged, undamaged one. Does this solve your problem?	The task is complete.	Contact Dell.


## Damage on the leading edge of paper



Action	Yes	No
1 Adjust the paper guides properly. Does this solve your problem?	The task is complete.	Go to action 2.

Action	Yes	No
2 When you use the MPF, reverse the paper and then try again. When you use any of the trays, change the paper and then try again. Does this solve your problem?	The task is complete.	(MPF) Go to action 3. (trays) Contact Dell.
3 Change the paper with another one and then try again. Does this solve your problem?	The task is complete.	Go to action 4.
4 Use any of the trays in place of the MPF. Does this solve your problem?	The task is complete.	Contact Dell.

## Jam/Alignment Problems

 **NOTE:** Some of the following procedures that use the **Tool Box** can also be performed using the operator panel or **Dell Printer Configuration Web Tool**. For information on how to use the operator panel and **Dell Printer Configuration Web Tool**, see "Understanding the Printer Menus" and "Dell™ Printer Configuration Web Tool."

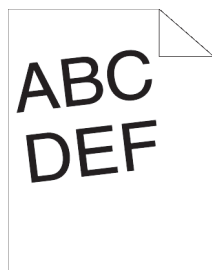
- The top and side margins are incorrect
- Images are skewed
- Tray1/Optional 550-Sheet Feeder Misfeed Jam
- MPF Misfeed Jam
- Regi Jam (Exit Sensor On JAM)
- Exit Jam (Exit Sensor Off JAM)
- Tray1/Optional 550-Sheet Feeder Multi-feed Jam
- MPF Multi-feed Jam

### The top and side margins are incorrect



Action	Yes	No
1 Adjust the paper guides properly. Does this solve your problem?	The task is complete.	Go to action 2.
2 Use any of the trays in place of the MPF. Does this solve your problem?	The task is complete.	Go to action 3.
3 Ensure that the margins are set correctly on the application being used. Does this solve your problem?	The task is complete.	Contact Dell.

## Images are skewed



Action	Yes	No
1 Adjust the paper guides properly. Does this solve your problem?	The task is complete.	Go to action 2.
2 Use any of the trays in place of the MPF. Does this solve your problem?	The task is complete.	Go to action 3.
3 Replace the print media with the freshly unpackaged, undamaged one. Does this solve your problem?	The task is complete.	Contact Dell.

## Tray1/Optional 550-Sheet Feeder Misfeed Jam

Action	Yes	No
1 Ensure that tray1 or the optional 550-sheet feeder is properly inserted. Does this solve your problem?	The task is complete.	Proceed to the action corresponding to the type of the print media being used: <ul style="list-style-type: none"> <li>• Thick - 2a</li> <li>• Thin - 2b</li> <li>• Rough Surface - 2c</li> </ul> If using paper other than the above, go to action 2d, 2e.
2a Use thick paper that is 216 g/m <sup>2</sup> or less. Does this solve your problem?	The task is complete.	Go to action 3a.
2b Use thin paper that is 60 g/m <sup>2</sup> or more. Does this solve your problem?	The task is complete.	Go to action 3a.
2c Load rough surface paper one sheet at a time. Does this solve your problem?	The task is complete.	Go to action 3b.
2d Ensure that the print media is not curled. Does this solve your problem?	The task is complete.	Go to action 3a.
2e Is the print media damp?	Go to action 3c.	Go to action 3a.
3a Fan the print media. Does this solve your problem?	The task is complete.	Go to action 3b.
3b Wipe the retard roller in tray1 or the optional 550-sheet feeder with a cloth moistened with water. Does this solve your problem?	The task is complete.	Go to action 4b.


<b>Action</b>	<b>Yes</b>	<b>No</b>
3c Turn over the print media. Does this solve your problem?	The task is complete.	Go to action 4a.
4a Use print media that is not damp. Does this solve your problem?	The task is complete.	Go to action 3a.
4b Replace the drum cartridge. Does this solve your problem?	The task is complete.	Contact Dell.

## MPF Misfeed Jam


<b>Action</b>	<b>Yes</b>	<b>No</b>
1 Ensure that the MPF is properly inserted. Does this solve your problem?	The task is complete.	Proceed to the action corresponding to the type of the print media being used: <ul style="list-style-type: none"> <li>• Thick - 2a</li> <li>• Thin - 2b</li> <li>• Rough Surface - 2c</li> <li>• Envelope - 2d</li> </ul> If using paper other than the above, go to action 2e.
2a Use thick paper that is 216 g/m <sup>2</sup> or less. Does this solve your problem?	The task is complete.	Go to action 3a.
2b Use thin paper that is 60 g/m <sup>2</sup> or more. Does this solve your problem?	The task is complete.	Go to action 3a.
2c Load rough surface paper one sheet at a time. Does this solve your problem?	The task is complete.	Go to action 3b.
2d Ensure that the envelope is properly loaded in the MPF as instructed in "Loading Envelopes in the MPF." Does this solve your problem?	The task is complete.	Go to action 3c.
2e Is the print media damp?	Go to action 3d.	Go to action 3a.
3a Fan the print media. Does this solve your problem?	The task is complete.	Go to action 3b.
3b Wipe the retard roller in the MPF with a cloth moistened with water. Does this solve your problem?	The task is complete.	Go to action 4b.
3c If the envelope is deformed, correct it or use another envelope. Does this solve your problem?	The task is complete.	Go to action 3a.
3d Turn over the print media. Does this solve your problem?	The task is complete.	Go to action 4a.
4a Use print media that is not damp. Does this solve your problem?	The task is complete.	Go to action 3a.
4b Replace the drum cartridge. Does this solve your problem?	The task is complete.	Contact Dell.



## Regi Jam (Exit Sensor On JAM)

Action	Yes	No
1 Ensure that the drum cartridge is installed correctly. Does this solve your problem?	The task is complete.	Go to action 2.
2 Replace the drum cartridge. See "Replacing the Drum Cartridge." Does this solve your problem?	The task is complete.	Go to action 3.
3 Ensure that the fusing unit is set properly. Does this solve your problem?	The task is complete.	Go to action 4.
4 Replace the fusing unit, the transfer unit, and the retard roller. a Replace the fusing unit, the transfer unit, and the retard roller. See "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller." b After you replace the fusing unit, the transfer unit, and the retard roller, press the  (Information) button and tap Report/List. c Tap Demo Page. The demo page is printed. Does this solve your problem?	The task is complete.	Contact Dell.

## Exit Jam (Exit Sensor Off JAM)

Action	Yes	No
1 Ensure the fusing unit is installed correctly. Does this solve your problem?	The task is complete.	Go to action 2.
2 Replace the fusing unit, the transfer unit, and the retard roller. a Replace the fusing unit, the transfer unit, and the retard roller. See "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller." b After you replace the fusing unit, the transfer unit, and the retard roller, press the  (Information) button and tap Report/List. c Tap Demo Page. The demo page is printed. Does this solve your problem?	The task is complete.	Contact Dell.

## Tray1/Optional 550-Sheet Feeder Multi-feed Jam


Action	Yes	No
1 Ensure that tray1 or the optional 550-sheet feeder is properly inserted. Does this solve your problem?	The task is complete.	If using rough surface paper, go to action 2. If using other type of print media, go to action 3.
2 Load rough surface paper one sheet at a time. Does this solve your problem?	The task is complete.	Go to action 4.
3 Use print media that is not damp. Does this solve your problem?	The task is complete.	Go to action 4.

Action	Yes	No
4 Fan the print media. Does this solve your problem?	The task is complete.	Go to action 5.
5 Wipe the retard roller in tray1 or the optional 550-sheet feeder where the multi-feed occurred with a cloth moistened with water. Does this solve your problem?	The task is complete.	Contact Dell.

## MPF Multi-feed Jam

Action	Yes	No
1 Ensure the media type you are using. If using rough surface paper, go to action 2. If using other type of print media, go to action 3.	-	-
2 Load rough surface paper one sheet at a time. Does this solve your problem?	The task is complete.	Go to action 4.
3 Use print media that is not damp. Does this solve your problem?	The task is complete.	Go to action 4.
4 Fan the print media. Does this solve your problem?	The task is complete.	Go to action 5.
5 Wipe the retard roller in the MPF where the multi-feed occurred with a cloth moistened with water. Does this solve your problem?	The task is complete.	Go to action 6.
6 Decrease the number of print media to be loaded to the MPF. Does this solve your problem?	The task is complete.	Contact Dell.

## Noise



Action	Yes	No
1 Replace the fusing unit, the transfer unit, and the retard roller. <ul style="list-style-type: none"> <li>a Replace the fusing unit, the transfer unit, and the retard roller. See "Replacing the Fusing Unit, the Transfer Unit, and the Retard Roller."</li> <li>b After you replace the fusing unit, the transfer unit, and the retard roller, press the  (Information) button and tap Report/List.</li> <li>c Tap Demo Page.</li> </ul> The demo page is printed. Does this solve your problem?	The task is complete.	Go to action 2.
2 Replace the drum cartridge. Does this solve your problem?	The task is complete.	Go to action 3.
3 Replace the toner cartridge. See "Replacing the Toner Cartridge."	The task is complete. (The toner cartridge has been damaged. Replace it with a new one.)	Contact Dell.

## Copy Problems

Problem	Action
The copy is misaligned or skewed.	Before loading the document(s) on the DADF, straighten the edges of the stack of the document(s). Load the document(s) correctly, and align the document guides to the document(s).
A document loaded in the DADF cannot be copied.	Ensure that the DADF cover is firmly closed. Ensure that the release lever is properly positioned.
Vertical blanks or streaks appear on the output when scanned using the DADF.	Clean the DADF glass.
Vertical lines appear on the outputs when you copy using the DADF.	Clean the DADF glass.

## Fax Problems

Problem	Action
The printer is not working, there is no display and the buttons are not working.	Unplug the power cable and plug it in again. Ensure that there is power to the electrical receptacle.
No dial tone sounds.	Check that the phone line is connected properly. See "Connecting to the Telephone Line." Check that the phone socket in the wall is working by plugging in another phone. Diagnose the fax connection. See "Diagnosing the Fax Connection."
Faxes are not sent correctly to the numbers stored in the memory.	Print a Phone Book list and ensure that the numbers are stored in the memory correctly.
The document does not feed into the printer.	Ensure that the document is not wrinkled and you are putting it in correctly. Check that the document is of the right size, not too thick or thin. Ensure that the DADF cover is firmly closed.
Faxes are not received automatically.	The FAX mode should be selected. Ensure that there is paper in the paper tray. Check to see if the display shows MFP MEMORY FULL. If the time interval specified for the following features is too long, change the time interval shorter such as 30 seconds. <ul style="list-style-type: none"> <li>• Auto Rec Fax</li> <li>• Auto Rec TEL/FAX</li> <li>• Auto Rec Ans/FAX</li> </ul> Diagnose the fax connection. See "Diagnosing the Fax Connection."
The printer does not send faxes.	Sending Fax should show up on the display. Check the other fax machine you are sending to, to see if it can receive your fax. Check the dialing type for Tone or Pulse. Ensure that the document is loaded in the DADF or on the document glass. Diagnose the fax connection. See "Diagnosing the Fax Connection."

<b>Problem</b>	<b>Action</b>
The incoming fax has blank spaces or is received in poor quality.	<p>Check your printer by making a copy.</p> <p>The toner cartridge may be empty. Replace the toner cartridge. See "Replacing the Toner Cartridge."</p> <p>A noisy phone line can cause line errors. Set the fax modem speed to a slower speed.</p> <p>The fax machine sending you the fax may be faulty.</p>
Some of the words on an incoming fax are stretched.	The fax machine sending you the fax had a temporary document jam.
There are lines on the documents you send.	Check the surface of the document glass and DADF glass for marks and clean it. See "Cleaning the Scanner."
Vertical lines appear on the documents when you send using the DADF.	Clean the DADF glass.
The printer dials a number, but the connection with another fax machine fails.	The other fax machine may be turned off, out of paper, or cannot answer incoming calls. Speak with the other machine operator and ask her/him to sort out the problem.
Documents are not stored in the memory.	There may not be enough memory to store the document. If the display shows a MFP Memory Full message, delete any documents you no longer need from the memory and then restore the document, or wait for the job in progress (e.g., a fax transmission or reception) to complete.
Blank areas appear at the bottom of each page or on other pages, with a small strip of text at the top.	You may have chosen the wrong paper settings in the user option setting. See "Print Media Guidelines."
The printer will not send or receive faxes.	<p>Ensure that the country code is set correctly. Press the  (Information) button and tap the Tools tab→tap Admin Settings→Fax Settings→Fax Line Settings→Country.</p> <p>Check the dialing type for Tone or Pulse.</p> <p>Check that the cables are connected properly.</p> <p>If the telephone line cord is connected to the printer via any device such as an answering machine and a computer, remove the device and directly connect the telephone line cord to the printer.</p> <p>Ensure that Junk Fax Setup is set to off.</p>
An error often occurs during a fax transmission or reception.	Reduce the modem speed. Press the  (Information) button and tap the Tools tab→tap Admin Settings→Fax Settings→Transmission Defaults→Modem Speed.
The printer receive faxes, but it does not print.	<p>Check the toner level.</p> <p>Ensure that there is paper in the paper tray.</p> <p>Ensure that Received Fax Forward is set to off.</p> <p>Check whether the printer is in the secure receiving mode. If this mode is turned on, enter the correct password or turn off this mode to print faxes in memory.</p>

## Scanning Problems

Problem	Action
The scanner does not work.	Ensure that you place the document to be scanned facing down from the document glass, or facing up in the DADF.
	There may not be enough available memory to hold the document you want to scan. Lower the scan resolution rate and then try scanning again.
	Check that the USB or Ethernet cable is connected properly.
	Ensure that the USB or Ethernet cable is not defective. Switch the cable with a known good cable. If necessary, replace the cable.
	If using the network TWAIN or Windows Image Acquisition (WIA) driver, check that the Ethernet cable is connected properly and the IP address of the printer is set correctly. To check the IP address, see "Verifying the IP Settings."
	Check that the scanner is configured correctly. Check the application you want to use to make certain that the scanner job is being sent to the correct port.
	Ensure that the scanner sharing feature is disabled when you use Mac OS X before you scan documents via an ICA compatible application such as Image Capture. The printer does not support the scanner sharing feature of Mac OS X. Select a printer which is directly connected to the computer via USB or wired/wireless LAN and scan documents.
The printer scans very slowly.	Graphics are scanned more slowly than text when using the Scan to Email or Scan to Network Folder feature.
	Communication speed becomes slow in scan mode because of the large amount of memory required to analyze and reproduce the scanned image.
	Scanning images at a high resolution takes more time than scanning at a low resolution.
Document misfeeds or multiple feeds occur in the DADF.	Check whether the DADF roller assembly is installed properly.
	Ensure the document's paper type meets the specifications for the printer. See "Supported Paper Types" for more information.
	Check whether the document is properly loaded in the DADF.
	Ensure that the document guides are adjusted properly.
	Ensure that the number of document sheets do not exceed the maximum capacity of the DADF.
	Ensure that the document is not curled.
Fan the document well before loading it in the DADF.	
Vertical blanks or streaks appear on the output when scanned using the DADF.	Clean the DADF glass.
Vertical lines appear on the output when scanned using the DADF.	Clean the DADF glass.
A smear appears at the same location on the output when scanned using the document glass.	Clean the document glass.
Images are skewed.	Before loading the document(s) on the DADF, straighten the edges of the stack of the document(s).
	Ensure that the document is loaded straight in the DADF or on the document glass.

<b>Problem</b>	<b>Action</b>
Diagonal lines appear jagged when scanned using the DADF.	If the document uses thick media, try scanning it from the document glass.
Message appears on your computer screen:	There may be a copying or printing job in progress. When the current job is complete, try the job again.
• "Device can't be set to the H/W mode you want."	The selected port is currently being used. Restart your computer and try again.
• "Port is being used by another program."	The cable may be improperly connected or the printer may be turned off.
• "Port is Disabled."	The scanner driver is not installed or an operating environment is not set up properly.
• "Scanner is busy receiving or printing data. When the current job is completed, try again."	Ensure that the port is properly connected and the printer is turned on. Then restart your computer.
• "Invalid handle."	Check that the USB or Ethernet cable is connected properly.
• "Scanning has failed."	
The printer does not properly transfer scan data to a specified destination via the <b>Scan to Email</b> or <b>Scan to Network Folder</b> feature.	<p>Check if the following settings have been set correctly on the <b>Dell Printer Configuration Web Tool</b>.</p> <p><b>Scan to Network Folder</b></p> <p>Check the following settings under <b>Address Book</b>→ <b>Server Address</b>:</p> <ul style="list-style-type: none"> <li>• <b>Server Address</b></li> <li>• <b>Share Name</b></li> <li>• <b>Server Path</b></li> <li>• <b>Login Name</b></li> <li>• <b>Login Password</b></li> </ul> <p><b>Scan to Email</b></p> <p>Check the following setting under <b>Address Book</b>→ <b>E-Mail Address</b>:</p> <ul style="list-style-type: none"> <li>• <b>Address</b></li> </ul>
Cannot scan using Windows Image Acquisition (WIA) on a Microsoft® Windows Server® 2003 computer.	<p>Enable Windows Image Acquisition (WIA) on the computer.</p> <p>To enable Windows Image Acquisition (WIA):</p> <ol style="list-style-type: none"> <li><b>1</b> Click <b>Start</b>, point to <b>Administrative Tools</b>, and then click <b>Services</b>.</li> <li><b>2</b> Right-click <b>Windows Image Acquisition (WIA)</b>, and then click <b>Start</b>.</li> </ol>
Cannot scan using TWAIN or Windows Image Acquisition (WIA) on a Windows Server® 2008 or Windows Server® 2008 R2 computer.	<p>Install the Desktop Experience feature on the computer.</p> <p>To install Desktop Experience:</p> <ol style="list-style-type: none"> <li><b>1</b> Click <b>Start</b>, point to <b>Administrative Tools</b>, and then click <b>Server Manager</b>.</li> <li><b>2</b> Under <b>Features Summary</b>, click <b>Add Features</b>.</li> <li><b>3</b> Select the <b>Desktop Experience</b> check box, click <b>Next</b>, and then click <b>Install</b>.</li> <li><b>4</b> Restart the computer.</li> </ol>

<b>Problem</b>	<b>Action</b>
Cannot scan using TWAIN or Windows Image Acquisition (WIA) on a Windows Server® 2012 or Windows Server® 2012 R2 computer.	<p>Install the Desktop Experience feature on the computer.</p> <p>To install Desktop Experience:</p> <ol style="list-style-type: none"> <li><b>1</b> Click <b>Server Manager</b> from the <b>Start</b> screen. The <b>Server Manager</b> screen appears.</li> <li><b>2</b> Under <b>Manage</b>, click <b>Add Roles and Features</b>. <b>Add Roles and Features Wizard</b> appears.</li> <li><b>3</b> Click <b>Next</b> to skip the <b>Before you begin</b> page.</li> <li><b>4</b> Ensure that <b>Role-based or feature-based installation</b> is selected, and then click <b>Next</b>.</li> <li><b>5</b> Ensure that <b>Select a server from the server pool</b> is selected, select the server under <b>Server Pool</b>, and then click <b>Next</b>.</li> <li><b>6</b> Click <b>Next</b> to skip the <b>Select server roles</b> page.</li> <li><b>7</b> Select the <b>Desktop Experience</b> check box under <b>User Interfaces and Infrastructure</b>, and then click <b>Next</b>.</li> <li><b>8</b> Click <b>Confirmation</b> from the list on the left.</li> <li><b>9</b> Select the <b>Restart the destination server automatically if required</b> check box, and then click <b>Install</b>.</li> <li><b>10</b> Restart the computer.</li> </ol>

## Digital Certificate Problems

<b>Symptom</b>	<b>Cause</b>	<b>Action</b>
The certificate import button is disabled.	SSL/TLS communication is disabled.	Create a self-signed certificate and enable SSL/TLS.
The certificate details button is disabled.		
The certificate cannot be imported.	The time setting is incorrect.	Confirm validity period of the certificate as well as the time setting of the device.
	The certificate file is incorrect.	Confirm whether the password is correct.
		Confirm whether the file type is PKCS#7/#12 or x509CACert (extension: p7b/p12/pfx/cer/crt).
		Confirm whether the attribute information (key Usage/Extended key usage) of the certificate to be imported is set correctly.
	The browser is incorrect.	Use Internet Explorer®.
016-404 is displayed when trying to use security functions that require certificates.	The certificate data stored in internal memory is either deleted, corrupt, or is not readable.	Import the certificate and enable the security settings again.

Symptom	Cause	Action
A certificate cannot be set with "Certificate Details".	The validity period is invalid.	The validity period of the certificate is invalid. Confirm whether the time setting of the machine is correct, and whether the validity period of the certificate has expired.
	The certificate path is invalid.	The certificate chain (path validation) of the imported certificate may not be correctly validated. Confirm whether all of the high-level certificates (Trusted/Intermediate) have been imported and are not deleted, and whether the validity period has expired.
Although a certificate was imported, it is not displayed when selecting with "Local Device".	The type of the certificate is incorrect.	To import a certificate for use with the device (own device), import the secret key and a certificate of the PKCS#12 (p12/pfx) format as a pair.
Server validation is not operating correctly.	The certificate chain is incorrect when importing.	Although importing a root certificate (Trusted) to use for server authentication, an Intermediate certificate may be required when validating the path.  When executing a certificate file with the certification authority, create the certificate with a format including all paths and then import that certificate.

## Problems With Installed Optional Accessory

If an option does not operate correctly following installation or stops working:

- Turn off the printer, wait for 10 seconds, and then turn on the printer. If this does not fix the problem, unplug the printer, and check the connection between the option and the printer.
- Print the system settings report to see if the option is listed in the Printer Options list. If the option is not listed, re-install it. See "Report / List."
- Ensure the option is selected in the printer driver you are using.

The following table lists printer's option and corrective action for related problem. If the suggested corrective action does not correct the problem, call customer service.

Problem	Action
550-sheet feeder	<ul style="list-style-type: none"> <li>• Ensure the 550-sheet feeder is correctly installed on the printer. Re-install the feeder. See "Removing the Optional 550-Sheet Feeder" and "Installing the Optional 550-Sheet Feeder."</li> <li>• Ensure the print media is loaded correctly. See "Loading Print Media in Tray1 and the Optional 550-Sheet Feeder" for more information.</li> </ul>

## Wi-Fi Direct Problems

Problem	Action
The device cannot discover the printer.	The printer may be connected to another device via Wi-Fi Direct. Disconnect the printer and the device. See "Disconnecting Wi-Fi Direct Network."



<b>Problem</b>	<b>Action</b>
The printer cannot disconnect from the device even when the procedure in "Disconnecting Wi-Fi Direct Network" has been performed.	The device may be automatically reconnecting to the printer. Reset the passphrase for Wi-Fi Direct and disconnect the device. See "Resetting the Passphrase."
The network mode of the printer cannot be set to Ad-hoc mode.	Ensure that <b>Wi-Fi Direct</b> is set to <b>Disable</b> .
<b>Wi-Fi Direct</b> cannot be set to <b>Enable</b> .	Ensure that the network mode is set to <b>Infrastructure</b> mode. Ensure that the <b>IP mode</b> is set to a mode other than <b>IPv6</b> .

## Scanner Driver/Printer Utility Problems

<b>Problem</b>	<b>Action</b>
Unable to retrieve the Address Book data from the printer on the Address Book Editor.	Check that the USB or Ethernet cable is connected properly. Ensure that the printer is turned on. Ensure that the scanner driver is installed on your computer. (The Address Book Editor retrieves the Address Book data via the scanner driver when the printer is connected using a USB cable.)
The TWAIN driver cannot connect to the printer.	Check that the USB or Ethernet cable is connected properly. If using the network connection, check that IP address of the printer is set correctly. To check the IP address, see "Scanning Using the TWAIN Driver." Check whether the printer is turned on. If the printer is turned on, reboot it by turning off the printer and then on again. If a scan application is running, close the application once, restart the application, and then try scanning again.
The scanner driver has not been registered on your computer.	Install the scanner driver. If the scanner driver is installed, uninstall it and then re-install it again.

## Other Problems

<b>Problem</b>	<b>Action</b>
Condensation has occurred inside the printer.	This usually occurs within several hours after you heat the room in winter. This also occurs when the printer is operating in a location where relative humidity reaches 85% or more. Adjust the humidity or relocate the printer to an appropriate environment.
A problem has occurred when using the Dell Document Hub.	Visit <a href="http://www.dell.com/dochub">www.dell.com/dochub</a> for information about the Dell Document Hub.

## Contacting Service

When you call for printer service, be prepared to describe the problem you are experiencing or the error message that appears.

You need to know the model type and Service Tag number of your printer. See the label located inside the front cover of your printer and write down the Service Tag number. For details on the location of the Service Tag, see "Express Service Code and Service Tag."



# Appendix

Appendix..... 533



# Appendix

## Dell™ Technical Support Policy

Technician-assisted technical support requires the cooperation and participation of the customer in the troubleshooting process and provides for restoration of the operating system, software program and hardware drivers to the original default configuration as shipped from Dell, as well as the verification of appropriate functionality of the printer and all Dell-installed hardware. In addition to this technician assisted technical support, online technical support is available at Dell Support. Additional technical support options may be available for purchase.

Dell provides limited technical support for the printer and any Dell-installed software and peripherals. Support for third-party software and peripherals is provided by the original manufacturer, including those purchased and/or installed through Software & Peripherals (DellWare), ReadyWare, and Custom Factory Integration (CFI/DellPlus).

### Online Services

You can access Dell Support through the following websites:

- Product support and manuals  
[www.dell.com/support](http://www.dell.com/support)  
[www.dell.com/support/manuals](http://www.dell.com/support/manuals)  
[www.dell.com/printer](http://www.dell.com/printer)

## Warranty and Return Policy

Dell Inc. ("Dell") manufactures its hardware products from parts and components that are new or equivalent to new in accordance with industry-standard practices. For information about the Dell warranty for your printer, see [dell.com/support](http://dell.com/support).

### Recycling Information

It is recommended that customers dispose of their used computer hardware, monitors, printers, and other peripherals in an environmentally sound manner. Potential methods include reuse of parts or whole products and recycling of products, components, and/or materials.

For specific information on Dell's worldwide recycling programs, see [www.dell.com/recyclingworldwide](http://www.dell.com/recyclingworldwide).

## Contacting Dell

You can contact Dell electronically using the following addresses:

- World Wide Web  
[www.dell.com/contactdell](http://www.dell.com/contactdell)

# New Zealand PTC200 Warnings

## **General warning**

"The grant of a Telepermit for any item of terminal equipment indicates only that Telecom has accepted that the item complies with minimum conditions for connection to its network. It indicates no endorsement of the product by Telecom, nor does it provide any sort of warranty. Above all, it provides no assurance that any item will work correctly in all respects with another item of Telepermitted equipment of a different make or model, nor does it imply that any product is compatible with all of Telecom's network services"

## **Warnings taken from Specification text**

### **2.11.1 Compliance testing (6) & (7) (Functional tests)**

"This equipment is not capable, under all operating conditions, of correct operation at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances"

### **4.5.1 Off-hook line impedance**

(4) "This equipment does not fully meet Telecom's impedance requirements. Performance limitations may occur when used in conjunction with some parts of the network. Telecom will accept no responsibility should difficulties arise in such circumstances"

### **4.9.3 Non-voice equipment**

(4) "This equipment is not capable, under all operating conditions, of correct at the higher speeds for which it is designed. Telecom will accept no responsibility should difficulties arise in such circumstances"

### **5.6.1 General requirements (automatic dialling devices)**

(3) "This equipment shall not be set up to make automatic calls to the Telecom '111' Emergency Service

### **5.5.5 User instructions**

(4) If a charge for local calls is unacceptable, the 'Dial' button should NOT be used for local calls. Only the 7-digits of the local number should be dialled from your telephone. DO NOT dial the area code digit or the '0' prefix

### **8.1.7 User Instructions (automatic call set-up)**

(b) This equipment shall not be set up to make automatic calls to the Telecom '111' Emergency Service

### **8.2.1(b) Call answering**

When this equipment is set up call answering not within 3~30 sec., the telephone or answering machine shall answer incoming call with 3~30sec.

# USA/Canada Wi-Fi Warnings

## **Class B:**

### **FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

### **CAUTION:**

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

### **Labeling Requirements**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **RF Exposure Warning**

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

### **Canada, Industry Canada (IC) Notices**

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

## Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions. (antennas are greater than 20cm from a person's body).

This device has been certified for use in Canada. Status of the listing in the Industry Canada's REL (Radio Equipment List) can be found at the following web address:

<http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=eng>

Additional Canadian information on RF exposure also can be found at the following web address:

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

## Canada, avis d'Industry Canada (IC)

Cet appareil numérique de classe B est conforme aux normes canadiennes ICES-003 et RSS-210.

Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

## Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil Dell est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil Dell de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a également été évalué et démontré conforme aux limites d'exposition aux RF d'IC dans des conditions d'exposition à des appareils mobiles (les antennes se situent à moins de 20 cm du corps d'une personne).

Ce périphérique est homologué pour l'utilisation au Canada. Pour consulter l'entrée correspondant à l'appareil dans la liste d'équipement radio (REL - Radio Equipment List) d'Industry Canada rendez-vous sur:

<http://www.ic.gc.ca/app/sitt/reltel/srch/nwRdSrch.do?lang=eng>

Pour des informations supplémentaires concernant l'exposition aux RF au Canada rendez-vous sur :

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf08792.html>

## Canada IC Statement

NOTICE:

- This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.
- The Ringer Equivalence Number (REN) for this terminal equipment is 0.0. The REN assigned to each terminal equipment provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed five.



Avis :

- Le présent matériel est conforme aux spécifications techniques d'Industrie Canada applicables au matériel terminal. Cette conformité est confirmée par le numéro d'enregistrement. Le sigle IC, placé devant le numéro d'enregistrement, signifie que l'enregistrement s'est effectué conformément à une déclaration de conformité et indique que les spécifications techniques d'Industrie Canada ont été respectées. Il n'implique pas qu'Industrie Canada a approuvé le matériel.
- L'indice d'équivalence de la sonnerie (IES) du présent matériel est de 0,0. L'IES assigné à chaque dispositif terminal indique le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.