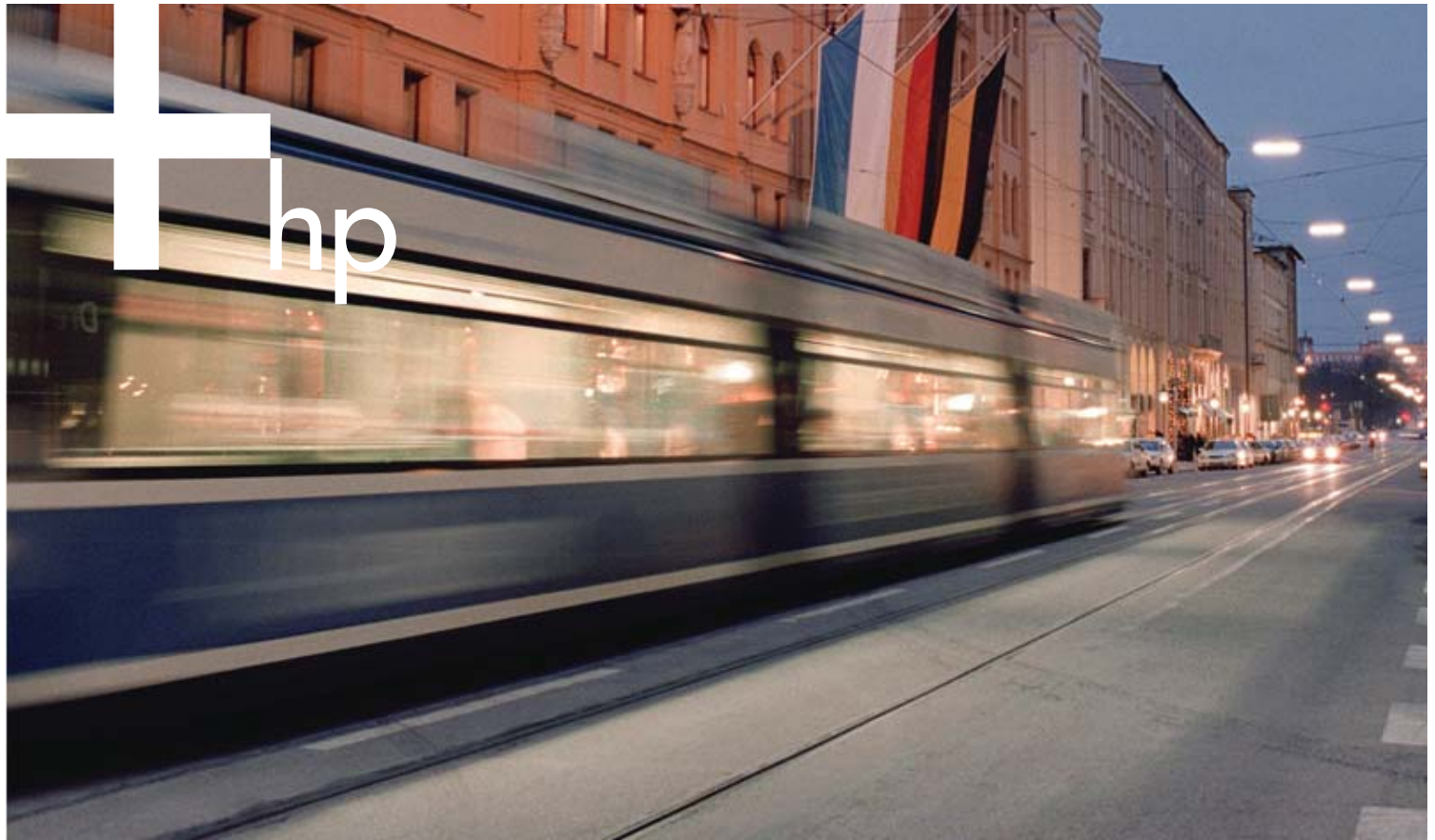


HP Autostore Server Software

Version 4.51



Install Guide



AutoStore Version 4.51 install guide

Install guide



Copyright

© 2006 Copyright Hewlett-Packard
Development Company, L.P.

Reproduction, adaptation or translation
without prior written permission is prohibited,
except as allowed under the copyright laws.

The information contained herein is subject
to change without notice.

The only warranties for HP products and
services are set forth in the express warranty
statements accompanying such products
and services. Nothing herein should be
construed as constituting an additional
warranty. HP shall not be liable for technical
or editorial errors or omissions contained
herein.

Edition 5, 03/2006

Trademarks

Java™ is a US trademark of Sun
Microsystems, Inc.

Microsoft® and Windows® are U.S.
registered trademarks of Microsoft
Corporation.

Pentium® is a US registered trademark of
Intel Corporation or its subsidiaries in the
United States and other countries/regions.

Table of contents

Setup and Installation

Before you begin	2
System requirements	3
Supported devices	3
Step 1: Uninstall any existing HP AutoStore software	5
To uninstall the HP AutoStore Server software (including clients and add-ons)	5
Step 2: Install the HP AutoStore Server software	6
To install the HP AutoStore Server software	6
Step 3: Configure devices and update components	7
Uninstalling Chai .JAR files on the device	7
Installing Chai.JAR files on the device	7
Method 1: To install Chai .JAR files by using HP Web Jetadmin (HP LaserJet 4100mfp and HP LaserJet 9000mfp, HP LaserJet 4345mfp, HP LaserJet 9050mfp and HP LaserJet 9040mfp, HP LaserJet 4740mfp, HP LaserJet Color 9500mfp, and HP 9200C Digital Sender)	8
Method 2: To install Chai .JAR files by using the PJI file and FTP from the Command prompt (HP LaserJet 4100mfp and HP LaserJet 9000mfp, HP LaserJet 4345mfp, HP LaserJet 9050mfp and HP LaserJet 9040mfp, HP LaserJet 4740mfp, HP LaserJet Color 9500mfp, and HP 9200C Digital Sender)	9
Method 3: To install Chai .JAR files by using the PJI file and Windows Explorer (HP LaserJet 4100mfp and HP LaserJet 9000mfp, HP LaserJet 4345mfp, HP LaserJet 9050mfp and HP LaserJet 9040mfp, HP LaserJet 4740mfp, HP LaserJet Color 9500mfp, and HP 9200C Digital Sender)	9
Uninstalling Chai .JAR files on the device (HP LaserJet 9055mfp or 9065mfp)	10
Installing Chai .JAR files on the device (HP LaserJet 9055/9065mfp)	10
Method 1: To install Chai .JAR files by using the HP Web Jetadmin (HP LaserJet 9055mfp and 9065mfp)	10
Method 2: To install Chai .JAR files by using the embedded Web server (HP LaserJet 9055mfp and 9065mfp)	11
Method 3: To install Chai .JAR files by using the PJI file (HP LaserJet 9055mfp and 9065mfp)	11
Additional information	13

Glossary	15
----------------	----

Index	17
-------------	----

Setup and Installation

The setup and installation process consists of the following steps. Look for detailed instructions in the sections that follow.

- **Step 1: Uninstall any existing HP AutoStore software.**
- **Step 2: Install the latest HP AutoStore Server software (Version 4.51), and then use the Check for Software Updates button in the License Manager to upgrade to the latest version.** Please read the Important Notes document before you install the HP AutoStore Server software. Run the HP AutoStore installation file (HPAUTOSTORE.EXE) and follow the instructions on the computer screen.
- **Step 3: Configure devices and update components.** Follow the component installation and upgrade procedures to complete the system configuration, and to convert any existing configuration files to the new HP AutoStore configuration file format.

Before you begin

If you are using HP AutoStore for any supported databases or document management systems (DMS), make sure that the client that you use to gain access to this database or DMS is installed and configured on a different server. (The client that you use to gain access to a database or DMS must be installed on the HP AutoStore server.) For example, if you want HP AutoStore to work with Microsoft SharePoint Portal server, first make sure that Microsoft SharePoint Portal Server is fully installed and configured.

If you are evaluating HP AutoStore, you must purchase and install a license key within 60 days of installation or before 2000 documents are processed, whichever occurs first. If you do not install the license key within 60 days or before 2000 documents are processed, HP AutoStore is no longer available. Any adjustment to computer dates or registries causes the HP AutoStore licenses to expire automatically.

System requirements

Make sure that your system meets the following minimum requirements for installation:

- Windows 2000 Server with Service Pack 4 or Windows Server 2003
- Intel Pentium® III processor, 600 megahertz (MHz) or faster
- Support database engine client, such as Microsoft Exchange 5.5 with Service Pack 3, Lotus Notes 4.6.X, or any other supported client software program (if you plan to incorporate these items with HP AutoStore)
- Correctly installed and configured network interface with the installed TCP/IP protocol.
- At least 512 megabytes (MB) of dedicated random-access memory (RAM)
- At least 512 MB of available hard-disk space
- For the HP LaserJet 4100mfp, firmware Version 03.804.6 or later
- For the HP LaserJet 9000mfp, firmware Version 03.804.6 or later
- HP LaserJet 4345mfp Series, firmware Version 09.041.8 or later
- HP LaserJet 9050mfp and HP LaserJet 9040mfp, firmware Version 08.041.8 or later
- HP LaserJet Color 9500mfp, firmware Version 08.041.8 or later
- HP LaserJet 9055mfp and HP LaserJet 9065mfp, firmware Version 07.000.0 or later
- HP LaserJet 4730mfp, firmware Version 46.121.2 or later
- HP 9200C Digital Sender, firmware Version 09.041.7 or later
- HP Jetdirect Card J6057A or newer



NOTE To obtain firmware information, print a configuration page from the embedded Web server or the device control panel. See the device Help for instructions.

NOTE To obtain HP Jetdirect Card information, use the embedded Web server. In the Web browser address line, type `http://<deviceaddress>`, and then press **Return**. In the embedded Web server, click the **Networking** tab. Click **Configuration Page** and look for the model number.

Supported devices

The HP AutoStore Server software supports the following HP devices:

- HP 9100C Digital Sender
- HP LaserJet 4100mfp and HP LaserJet 4101mfp
- HP LaserJet 9000mfp
- HP LaserJet 9055mfp and HP LaserJet 9065mfp
- HP LaserJet 4345mfp Series
- HP LaserJet 4730mfp

- HP LaserJet 9200C Digital Sender
- HP Color LaserJet 9500mfp
- HP LaserJet 9050mfp and HP LaserJet 9040mfp

Step 1: Uninstall any existing HP AutoStore software

Complete the following procedure to remove the existing HP AutoStore Server software.

To uninstall the HP AutoStore Server software (including clients and add-ons)

1. Stop and close all HP AutoStore-related programs, including the following programs:
 - HP AutoStore Service
 - Status Monitor
 - HP AutoStore Process Designer
 - HP AutoStore License Manager
2. Click **Start**, select **Settings**, select **Control Panel**, and then click **Add or Remove Programs**. In the **Add or Remove Programs** dialog box, select all of the HP AutoStore software, clients, and add-ons, and then click **Remove**.
3. Close the **Add or Remove Programs** dialog box.
4. The InstallShield software prompts you to restart your computer if necessary. If you do not receive a prompt from the InstallShield software, you do not need to restart your computer.
5. In Windows Explorer, browse to the HP AutoStore installation folder. (Depending on which version of HP AutoStore you have installed, the default location is either C:\PROGRAM FILES\HEWLETT-PACKARD\HP AUTOSTORE or C:\PROGRAM FILES\NSI\AUTOSTORE.) Delete the HP AutoStore installation folder.

Step 2: Install the HP AutoStore Server software

Use the following procedure to install the software.



NOTE If you plan to use the Lotus Notes ABMSync Capture component and the Lotus Notes/Domino Route component, you must install the Lotus Notes client software on the HP AutoStore server machine before you install the HP AutoStore Server software. If you do not want HP AutoStore to work with these components, make sure that they are *not* selected in the Capture component and Route component lists on the **Select Features** Install Wizard dialog box during installation.

If you do not want to use HP AutoStore with SharePoint Portal 2003, make sure that the SharePoint Portal 2003 option is *not* selected in the component list during installation.

To install the HP AutoStore Server software

- ☐ Double-click the HPAUTOSTORE.EXE file and follow the instructions on the computer screen.

Go to [Step 3: Configure devices and update components](#) for additional component-specific information. You must complete the additional procedures for any devices that you plan to use with HP AutoStore, such as MFPs or digital senders.

If you have previously used HP AutoStore R1.00, follow the instructions in [Step 3: Configure devices and update components](#) to complete the component-specific installation, and to convert any existing configuration file to complete your installation.

Typically, when you insert the HP AutoStore disk, installation begins automatically if you have enabled autorun. If you insert the HP AutoStore disk and installation does not begin automatically, browse to find the HPAUTOSTORE.EXE file. Double-click the HPAUTOSTORE.EXE file and follow the instructions on the computer screen.

Step 3: Configure devices and update components

Some devices and components require additional installation or configuration. Complete the procedures that apply to the devices and components that you plan to use with HP AutoStore.

Uninstalling Chai .JAR files on the device

If you have previously installed Chai .JAR files on your MFP device, follow these steps to remove them *before* you install the new Chai .JAR files.

1. Ping the printer name on the MS-DOS command screen.

Placeholder for option element.

-or-

Print the Configuration pages (click **Menu**, click **Information**, and then click **Print Configuration**).
2. Type the following universal resource locator (URL) in the address line of a Web browser: `http://PrinterIPAddress/hp/device/this.loader`.
3. In the **Select Package** dialog box, select the check box next to HP_AUTOSTORE_4100_9000_XXX.JAR, and then click **Remove Selected Packages**.
4. Review the Confirmation page to make sure that the package is uninstalled correctly.
5. In the **Select Package** dialog box, select the check box next to HP_LASERJET_DYNAMICMENUS_XXX_X.JAR, and then click **Remove Selected Packages**.
6. In the **Select Package** dialog box, select the check box next to HP_LASERJET_ADDRESSBOOK_XXX_X.JAR, and then click **Remove Selected Packages**.
7. Review the Confirmation page to make sure that the package is uninstalled correctly.

Installing Chai.JAR files on the device

When you installed the HP AutoStore Server software, the Chai .JAR (JAVA archive) files that are required for each MFP or digital sender were saved in the CHAIJARS folder (.JAR files and .XML files) and the PJI folder (.PJI files) within the HP AutoStore program directory. Use one of the following methods to install the Chai .JAR files on the device. Each method provides information about how to install the HP AutoStore .JAR files on an MFP. Use the method that is best suited for your environment.

The .JAR file format is used to bundle all of the components that an HP Chai applet requires. The .JAR file format simplifies the process of downloading applets because all of the components (.CLASS files, images, sounds, and so on) can be packaged into a single file. The .JAR file format also supports data compression, which further decreases download time. Chai is the HP-proprietary JAVA for MFP devices. HP Chai is functioning within the MFP device, and the workflow server is designed to work with the Chai-enabled HP MFPs.

Method 1: To install Chai .JAR files by using HP Web Jetadmin (HP LaserJet 4100mfp and HP LaserJet 9000mfp, HP LaserJet 4345mfp, HP LaserJet 9050mfp and HP LaserJet 9040mfp, HP LaserJet 4740mfp, HP LaserJet Color 9500mfp, and HP 9200C Digital Sender)

1. Copy all of the files from the CHAIJARS subdirectory in the HP AutoStore installation directory (C:\PROGRAM FILES\HEWLETT-PACKARD\HP AUTOSTORE\CHAIJARS) to the Web Jetadmin plugin directory (C:\PROGRAM FILES\HP WEB JETADMIN\DOC\PLUGINS\HPJDAM\JARS).
2. Use a Web browser to go to the HP Web Jetadmin home page at the following address: <http://<hostname>:8000>.
3. On the printer Device Status page, select **Application Manager** from the drop-down menu on the content toolbar.

On the Device Management page, click **Device Lists**, click **All Devices**, and then select the device (s) from the list.

-or-

On the **Device Tools** drop-down menu, click **Application Manager**.

-or-

On the Device Management page, click **Device Groups**, click the group name, and then select the device(s) from the list.

-or-

On the **Device Tools** drop-down menu, click **Application Manager**.

4. On the Install page, select the **HP AutoStore for mfp** device software program, and then click **Install**. Your printer automatically reboots.



NOTE The Installation Results page shows the results of the installation process for an individual device or devices in a group. Use this page to verify that the Device Application Manager successfully installed the device software program on an individual device or devices in a group.

5. Configure HP AutoStore for the MFP device or device group. On the Device Management page, click **Device Lists**, click **All Devices**, and then select the device or device group from the list.
6. On the **Device Tools** drop-down menu, click **Configuration**. The default configuration category is **Device**.
7. Specify the HP AutoStore configuration attributes depending on your system environment. Set the **Port** attribute to 3232.

Method 2: To install Chai .JAR files by using the PJI file and FTP from the Command prompt (HP LaserJet 4100mfp and HP LaserJet 9000mfp, HP LaserJet 4345mfp, HP LaserJet 9050mfp and HP LaserJet 9040mfp, HP LaserJet 4740mfp, HP LaserJet Color 9500mfp, and HP 9200C Digital Sender)

1. Open an MS-DOS command window on your computer.



NOTE The printer job language (PJI) file installation replaces all existing Chai installations. If you have previously installed any other Chai .JAR files for any other program, those installations will be overwritten.

2. Type `FTP <TCP/IP PRINTER ADDRESS>` (for example, if the transmission control protocol/Internet protocol [TCP/IP] address is 192.168.0.90, type `FTP 192.168.0.90`. Press **Enter** on the keyboard.
3. When prompted for a user name and password, press **Enter** for each prompt (no user, no password).
4. Type `bin`, and then press **Enter** to switch to binary mode.
5. Type: `put <path>` where `<path>` is the location of the HP_AUTOSTORE_4100_9000.XXXX.PJI file. For example, type: `put C:\PROGRAM FILES\HEWLETT-PACKARD\HP AUTOSTORE\CHAIJARS\HP AUTOSTORE_4100_9000.XXXX.PJI` and then press **Enter** on the keyboard. The printer automatically reboots.
6. After the transfer has been completed, you can type `BYE` at the command prompt and then press **Enter** to exit the FTP session.

Method 3: To install Chai .JAR files by using the PJI file and Windows Explorer (HP LaserJet 4100mfp and HP LaserJet 9000mfp, HP LaserJet 4345mfp, HP LaserJet 9050mfp and HP LaserJet 9040mfp, HP LaserJet 4740mfp, HP LaserJet Color 9500mfp, and HP 9200C Digital Sender)



NOTE The PJI file installation replaces all existing Chai .JAR file installations. If you have previously installed any other Chai .JAR files for any other program, those installations will be overwritten.

1. To enable your browser for FTP open Windows Explorer, click **Tools**, click **Internet Options**, and then click **Advanced**. Scroll to the **Browsing** section and select **Enable Folder view** for FTP sites.
2. Open a Windows Explorer window and type `FTP://<MFP IP Address>`. When the connection is made a Port1 folder appears on the mfp.
3. Navigate to the local folder that contains the Chai .JAR files and drag and drop the .PJI file to the Port1 folder on the mfp.

Uninstalling Chai .JAR files on the device (HP LaserJet 9055mfp or 9065mfp)

If you have previously installed Chai .JAR files on your MFP device, follow these steps to remove them *before* you install the new Chai .JAR files.

1. Ping the printer name on the MS-DOS command screen.

Placeholder for option element.

-or-

Print the Configuration pages (click **Menu**, click **Information**, and then click **Print Configuration**).

2. Type the following URL in the address line of a Web browser: `http://PrinterIPAddress/hp/device/this.loader`.
3. In the **Reloadable Packages** dialog box, select the check box next to **AutoStoreDC**, and then click **Remove Selected Packages**.
4. Review the Confirmation page to make sure that the package is uninstalled correctly.

Installing Chai .JAR files on the device (HP LaserJet 9055/9065mfp)

When you installed the HP AutoStore Server software, the Chai .JAR (JAVA archive) files that are required for each MFP or digital sender were saved in the CHAIJARS folder (.JAR files and .XML files) and the PJI folder (.PJI files) within the HP AutoStore program directory. Use one of the following methods to install the Chai .JAR files on the device. Each method provides information about how to install the HP AutoStore .JAR files on an MFP. Use the method that is best suited for your environment.

The .JAR file format is used to bundle all of the components that an HP Chai applet requires. The .JAR file format simplifies the process of downloading applets because all of the components (.CLASS files, images, sounds, and so on) can be packaged into a single file. The .JAR file format also supports data compression, which further decreases download time. Chai is the HP-proprietary JAVA for MFP devices. HP Chai is functioning within the MFP device, and the workflow server is designed to work with the Chai menu-enabled HP MFPs.

Method 1: To install Chai .JAR files by using the HP Web Jetadmin (HP LaserJet 9055mfp and 9065mfp)

1. Copy all of the files from the ChaiJars subdirectory in the HP AutoStore installation directory (C:\PROGRAM FILES\HEWLETT-PACKARD\HP AUTOSTORE\CHAIJARS) to the Web Jetadmin plugin directory (C:\PROGRAM FILES\HP WEB JETADMIN\DOC\PLUGINS\HPJDAM\JARS).
2. Use a Web browser to go to the HP Web Jetadmin home page at the following address: `http://<hostname>:8000`.
3. On the printer Device Status page, select **Application Manager** from the drop-down menu on the content toolbar.

On the Device Management page, click **Device Lists**, click **All Devices**, and then select the device (s) (HP LaserJet 9055mfp or HP LaserJet 9065mfp) from the list.

-or-

On the **Device Tools** drop-down menu, click **Application Manager**.

4. On the Install page, select **HP AutoStore for 9055mfp/9065mfp** device application for this device type, and then click **Install**. The printer automatically reboots.
5. Configure HP AutoStore for the MFP device or device group. On the Device Management page, click **Device Lists**, click **All Devices**, and then select the device (HP LaserJet 9055mfp or HP LaserJet 9065mfp) or device group from the list.
6. On the **Device Tools** drop-down menu, click **Configuration**. The default configuration category is **Device**.
7. Specify the HP AutoStore configuration attributes depending on your system environment. Set the **Port** attribute to 3434.

Method 2: To install Chai .JAR files by using the embedded Web server (HP LaserJet 9055mfp and 9065mfp)

1. Ping the device name on the MS-DOS command screen.

Placeholder for option element.

-or-

Print the Configuration pages (click **Menu**, click **Information**, and then click **Print Configuration**).
2. Type the following URL in the address line in a Web browser: `http://PrinterIPAddress/hp/device/this.loader`.
3. Click **Browse**, which is next to **Enter Package File**.
4. Select the .JAR file, HP_AUTOSTORE_9055_9065_XL.XXXX.JAR, in the C:\PROGRAM FILES\HEWLETT-PACKARD\HP AUTOSTORE\CHAIJARS directory and click **Open**.
5. Click **Load Package Now**. The printer automatically reboots.
6. Review the Confirmation page to make sure that the file was installed correctly.
7. Configure HP AutoStore for the MFP device or device group. Click the link to the HP AutoStore configuration page.
8. Specify the HP AutoStore configuration attributes depending on your system environment. Set the **Port** attribute to 3434.

Method 3: To install Chai .JAR files by using the PJI file (HP LaserJet 9055mfp and 9065mfp)

1. Open an MS-DOS command window on your computer.



NOTE The printer job language (PJI) file installation replaces all existing Chai installations. If you have previously installed any other Chai .JAR files for any other program, those installations will be overwritten.

2. Type `FTP <TCP/IP PRINTER ADDRESS>` (for example, if the transmission control protocol/Internet protocol [TCP/IP] address is 192.168.0.90, type `FTP 192.168.0.90`). Press **Enter** on the keyboard.
3. When prompted for a user name and password, press **Enter** for each prompt (no user, no password).

4. Type `bin`, and then press **Enter** to switch to binary mode.
5. Type: `put <path>` where `<path>` is the location of the HP_AUTOSTORE_9055_9065.XXXX.PJL file. For example, type: `put C:\PROGRAM FILES\HEWLETT-PACKARD\HP AUTOSTORE\CHAIJARS\HP AUTOSTORE_9055_9065.XXXX.PJL` and then press **Enter** on the keyboard. The printer automatically reboots.
6. After the transfer has been completed, you can type `BYE` at the command prompt and then press **Enter** to exit the FTP session.

Additional information

HP Digital Sending Product information and technical documentation is available on the HP Web site. Go to www.hp.com/go/mfp for information about MFPs and other MFP-related products.

Glossary

Capture component A Capture component is type of component that is responsible for reading data or images to a process (for example, Poll Directory).

Component Components directly handle the manipulation of the data or images (for example, Pro OCR, SharePoint Portal, Microsoft Exchange, or Domino.Doc). Components are combined to create a process.

Configuration file A series of HP AutoStore processes *and process attributes* are stored within a configuration file. The configuration file has a .CFG file extension.

Function keys Function keys are located on the control panel on the HP LaserJet 9100C Digital Sender. By using the HP Address Book Manager, you can assign a name for an HP AutoStore process to a function key. This name appears on the digital sender control panel for you to select. The assigned names appear under **Customized Function Keys** in the Address Book Manager main window. Up to 11 first-level function keys can be customized in this way. For each function key, you can configure up to 512 destinations.

HP AutoStore Process An HP AutoStore process is a series of components connected together for processing data or images.

Knowledge object The knowledge object is the memory record that contains the file and metadata for an HP AutoStore job. The knowledge object for a specific HP AutoStore job is created when the job is captured by the Capture component and contains all of the metadata associated with the HP AutoStore job. The knowledge object can be thought of as the "payload" that contains the file and all related metadata. Note that all of the fields that are loaded into the knowledge object are automatically saved into the Route component record when the destination data storage has a matching field name.

Mapping component This type of component maps the processing attributes of other components to its own internal properties. For example, the Digital Sender component maps the attributes for OCR, form recognition, SharePoint Portal, and so on to each digital sender, function key, and sub-function key.

Options By using options, you can set the environment options for the HP AutoStore Process Designer.

Process component A Process component is a type of component that is responsible for manipulating the content of the data or images (image processing, form recognition, and so on).

Process template A process template is a type of configuration file that provides basic tools for shaping a final configuration file. Templates can contain one or more processes, process attributes and settings, and/or component attributes and settings.

Route component A Route component is a type of component responsible for storing objects to a final storage location (for example, SharePoint Portal).

Routing slip A routing slip refers to the component attributes defined for configuring a function key on a digital sender (or a form on an MFP). The routing slips are defined within the Digital Sender or MFP component attributes.

Toolbar Using the HP AutoStore toolbars to execute commands within HP AutoStore. To customize the toolbar, click **Tools**, and then click **Customize**.

Index

A

additional information 13

C

Chai.JAR files

installing on HP LaserJet

4100mfp or 9000mfp 7

installing on HP LaserJet

9055mfp or 9065mfp 10

configuration page 3

D

Domino.Doc component 6

E

embedded web server 3

F

firmware requirements 3

G

glossary 15

H

HP AutoStore

glossary 15

installation 1

license 2

setup 1

I

installation 1

installing Chai.JAR files 7

L

Lotus Notes/Domino Route

component 6

M

memory requirements 3

O

operating systems, supported 3

P

Process components

SharePoint Portal 2003 2, 6

R

Route components

Domino.Doc 6

Lotus Notes/Domino 6

SharePoint Portal 2003 2, 6

S

setup 1

SharePoint Portal 2003 Process

component 2, 6

SharePoint Portal 2003 Route

component 2, 6

software requirements 3

supported devices 3

system requirements 3

U

uninstalling

HP AutoStore software 5

