

COGENT  SYSTEMS

LAFIS MobileID™
(with Cogent BlueCheck™ Capture
Device)

User Guide - Version 1.1

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1.0	05/10/2006	Initial draft written.
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Notes

FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

CE warning

there is restriction for the follow country:

Country	Restriction	Reason/remark
Bulgaria		General authorization required for outdoor use and public service
France	Outdoor use limited to 10 mW e.i.r.p. within the band 2454-2483.5 MHz Derogation in French overseas departments of Guyane and La Réunion: outdoor use not allowed in band 2400-2420 MHz.	Military Radiolocation and Fixed Service use
Italy		If used outside of own premises, general authorization is required
Luxembourg	None	General authorization required for public service
Norway	Implemented	This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund
Romania	On a secondary basis. Individual license required. T/R 22-06 not implemented	



Chapter 1 Overview

MobileID™ is an easy-to-use, wireless, automated, client/server fingerprint identification system for law enforcement officers and other personnel. Running on a commercially-available Personal Digital Assistant (PDA) device such as Pocket PC®, Cogent's **MobileID** software delivers the power of an Automated Fingerprint Identification System (AFIS) in a portable handheld format. When combined with **BlueCheck™**, Cogent's latest portable capture device, **MobileID** allows users to quickly and easily perform in-the-field fingerprint identifications.

You can simply have a subject place his/her finger onto a fingerprint capture device for fast and easy identification. The software provides you with an assortment of tools for viewing, identifying, and saving records, allowing a one-to-one comparison of existing fingerprint records to verify identity.

MobileID is not stand alone software; it works together with the **LAFIS™** (LACRIS Automated Fingerprint Identification System) database, accessible from a PDA in the field.

MobileID System Features

MobileID system features include:

- capturing fingerprint images;
- performing searches against the **CAFIS** tenprint database;
- identifying a subject; and
- viewing and entering associated demographic information.

System Hardware Overview: The Cogent BlueCheck™ Fingerprint Capture Device and Pocket PC Personal Digital Assistant Device

Utilizing **Bluetooth** technology, **BlueCheck** captures high-quality, 500 dpi images. These images can be wirelessly transferred to the **MobileID Pocket PC** PDA for NIST packaging and submission to LAFIS over a wireless network. Submissions and responses are sent and received via standard wireless technology.



Figure 1-1 BlueCheck Capture Device

The specifications for the **BlueCheck** capture device are:

- **Dimensions:**
 - Height: 4.45"
 - Width: 1.69"
 - Depth: 0.87"
- **Weight:** 3 oz.
- **Resolution:** 500 dpi
- **Power Supply:** Li-Ion 3.7V 900mAh
- **Range:** 5-10 meters, depending on operating environment

BlueCheck Capture Device Features

Figure 1-2 describes the features of the **BlueCheck** capture device.



Figure 1-2 BlueCheck Capture Device Features

Feature	Description
Fingerprint Sensor	Captures the subject's fingerprint
Green Button	Used to begin the fingerprint capture process and to indicate missing/bandaged fingers
On/Off Button	Used to turn the BlueCheck device on and off
Blue Button	Used to cancel the fingerprint capture process and to calibrate the capture device
Display Panel	Displays messages related to the fingerprint capture process

Feature	Description
Battery Indicator	<p>The Battery Indicator will display one of the following:</p> <ul style="list-style-type: none"> • When the Battery Indicator is solid green, the battery is over 50% charged. • When the Battery Indicator is flashing green, the battery is 50% charged or less. • When the Battery Indicator is flashing red, the battery's charge is almost completely depleted. Immediate re-charging is required.
Bluetooth Connection Indicator	<p>The Bluetooth Connection Indicator will display one of the following:</p> <ul style="list-style-type: none"> • When the Bluetooth Connection Indicator is solid blue, the device is connected to MobileID. • When the Bluetooth Connection Indicator is flashing blue, the device is not connected to MobileID.
Power Indicator	<p>When the Power Indicator is red, the power is on.</p>
Sensor Indicator	<p>When the Sensor Indicator is flashing amber, the Fingerprint Sensor is ready for fingerprint capture.</p>

BlueCheck Menu Options

The **Green** and **Blue** buttons are used to select menu options from the **Display Panel**. The following table provides descriptions of menu options that can be selected.

Option	Description
OK	Press the Green button when the <i>LIVE CAPTURE</i> message is displayed to select OK and begin the fingerprint capture process.
NEXT	<ul style="list-style-type: none"> • Press the Blue button when the <i>LIVE CAPTURE</i> message is displayed to select NEXT and calibrate the device. For more instructions on calibrating the device, please refer to “Calibrating the BlueCheck Capture Device” on page 19. • Press the Blue button when the <i>CALIBRATE</i> message is displayed to select NEXT and exit out of the calibration procedure.
MIS	Press the Green button when the <i>R Thumb Please</i> or <i>L Thumb Please</i> message is displayed to select MIS and designate a finger as missing.
ESC	Press the Blue button when the <i>R Thumb Please</i> or <i>L Thumb Please</i> message is displayed to select ESC and exit out of the fingerprint capture procedure.

System Hardware Overview: Pocket PC Personal Digital Assistant

MobileID runs on the Audiovox XV6700 Pocket PC PDA. Images are wirelessly transferred to the **MobileID Pocket PC** PDA from the **BlueCheck** capture device for NIST packaging and submission to LAFIS over a wireless network.



Figure 1-3 Pocket PC PDA

The specifications for the **Pocket PC** PDA are:

- **Processor:** 416 Mhz Intel PXA270
- **Memory:** 64 MB RAM, 128 MB Flash ROM
- **Operating System:** Microsoft Windows Mobile Pocket PC
- **Dimensions:** 4.25" (H) x 2.35" (W) x 0.94" (D)
- **Weight:** 6.5 oz.
- **Display:** 2.8", 64,000 color TFT LCD, touch-sensitive screen, 240x320 pixels, back-light LEDs
- **Removable Memory Slot:** MiniSD Card
- **Camera:** 1.3 Mpixels with 8x digital zoom and flash
- **Keyboard:** Sliding QWERTY keyboard
- **Power Supply:** Li-Ion 3.7 V 900 mAh



Chapter 2 Key Terms

The following table provides definitions of some key terms that are used throughout this *Guide*.

Term	Description
AFIS	Automated Fingerprint Identification System
Bluetooth	Wireless technology that enables the BlueCheck device to connect to the MobileID application
Hit	A determination that a print stored in the CAFIS database may match the print input for a search. CAFIS matches prints by comparing the attribute maps of each of the prints stored in the database with the attribute map of the search print, and assigns them a score that ranks the degree of similarity between the search print and the file prints.
LACRIS	Los Angeles County Regional Identification System
LAFIS	LACRIS Automated Fingerprint Identification System
Match	A print in the CAFIS database that is known to match a print input into CAFIS for a search. Before the examiner confirms the match, the print is considered a candidate or potential hit (See <i>Hit</i>).
PDA	Personal Digital Assistant - handheld computer device
TOT	Type of Transaction

Notes



Chapter 3

Performing the Initial Setup of MobileID (for Administrators only)



In order for the two Bluetooth-enabled devices to communicate with each other, you must perform Bluetooth pairing. When this is accomplished, the two devices join what is called a trusted pair relationship. When one device recognizes another device in an established trusted pair, each device automatically accepts communication, bypassing the discovery and authentication process that normally happen during Bluetooth interactions.

Pairing the Bluetooth Enabled Devices

The devices are paired after the **Pocket PC** PDA locates the **BlueCheck** capture device.

To pair the Pocket PC PDA with the BlueCheck capture device, follow these steps:

- 1 Use the stylus to tap on the **Start** button, located on the top-left corner of the **Pocket PC** PDA screen. A drop-down menu will be displayed.
- 2 Select **Settings** from the drop-down menu. The **Settings** window will be displayed, an example of which is shown in **Figure 3-1**.

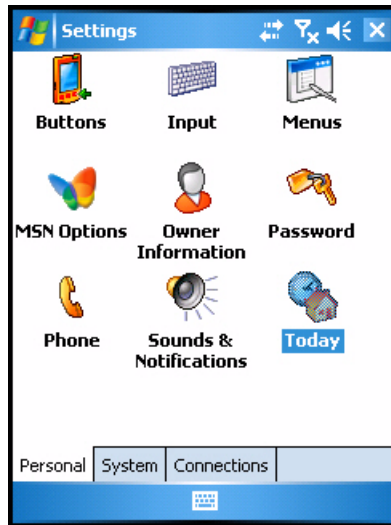


Figure 3-1 Settings Window

- 3 Tap the **Connections** tab. The **Connections** subwindow will be displayed, an example of which is shown in **Figure 3-2**.

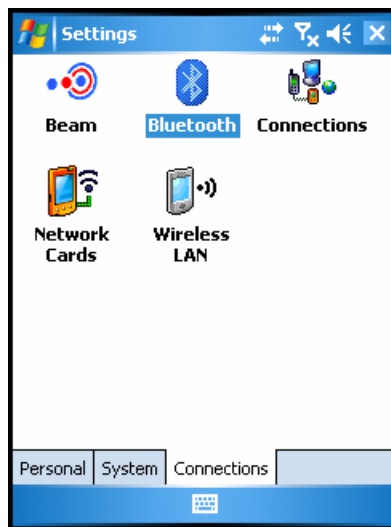


Figure 3-2 Connections Subwindow

- 4 Double-tap on the **Bluetooth** icon. The **Bluetooth** subwindow will be displayed, an example of which is shown in **Figure 3-3**.

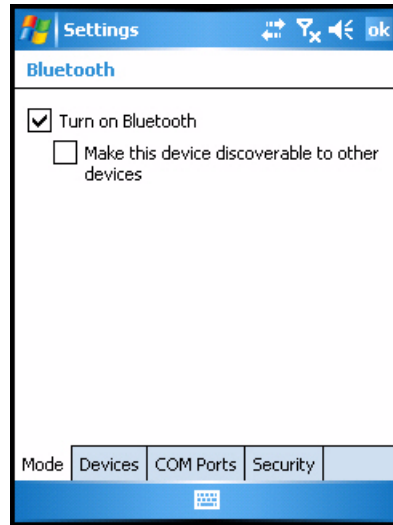


Figure 3-3 Bluetooth Subwindow

- 5 Ensure that the **Turn on Bluetooth** checkbox is selected.
- 6 Tap the **Devices** tab. The (Bluetooth) **Devices** subwindow will be displayed, an example of which is shown in **Figure 3-4**.

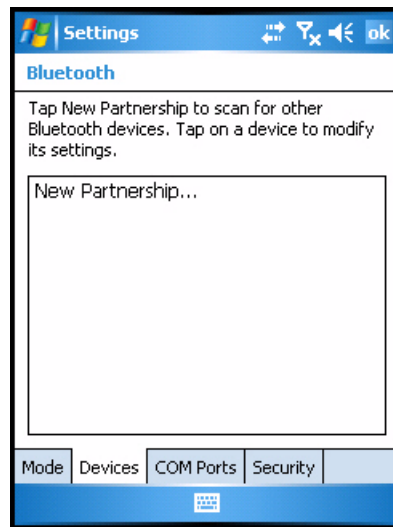


Figure 3-4 (Bluetooth) Devices Subwindow

- 7 Turn on the **BlueCheck** capture device by holding down the **On/Off** button until the **BlueCheck** device turns on. The Power Indicator will display a blinking red light and the *LIVE CAPTURE* message will be displayed on the **Display Panel**.
- 8 Press the **Blue** button (located above **NEXT** on the **Display Panel**) two times. The *DEVICE PAIR* message will be displayed on the **Display Panel**.
- 9 Press the **Green** button (located above **OK** on the **Display Panel**). The Bluetooth Connection indicator will display a blinking blue light, the Power Indicator will display a blinking red light and the *PAIRING* message will be displayed on the **Display Panel**.
- 10 Tap **New Partnership...** to scan for other Bluetooth devices. After the **Pocket PC PDA** has detected all of the Bluetooth enabled devices in the immediate area (including the **BlueCheck** capture device), the **Select a Bluetooth Device** subwindow will be displayed. An example is shown in **Figure 3-5**.

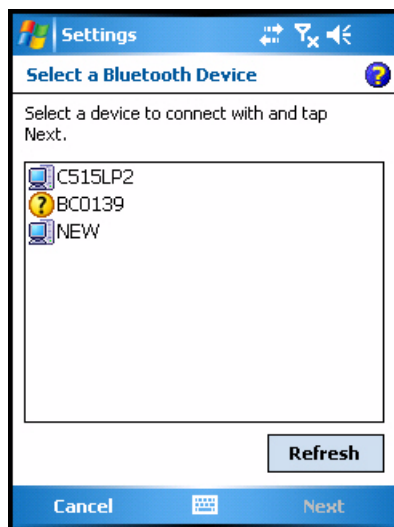


Figure 3-5 Select a Bluetooth Device Subwindow

- 11 Select the **BlueCheck** device containing the prefix **BC**.
- 12 Tap **Next**. The **Enter Passkey** subwindow will be displayed, an example of which is shown in **Figure 3-6**.

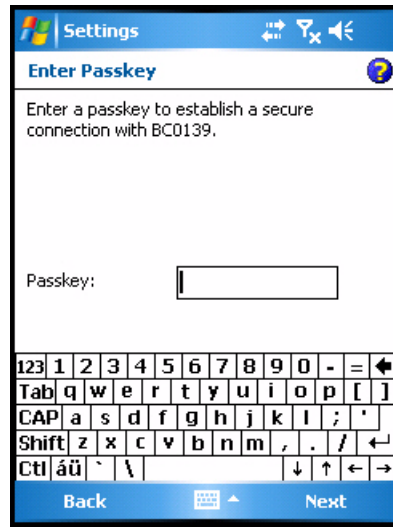


Figure 3-6 Enter Passkey Subwindow

- 13 Enter the passkey in the **Passkey** field.

Note: The default passkey is 1234.

- 14 Tap **Next**. The **Partnership Settings** subwindow will be displayed, an example of which is shown in Figure 3-7.

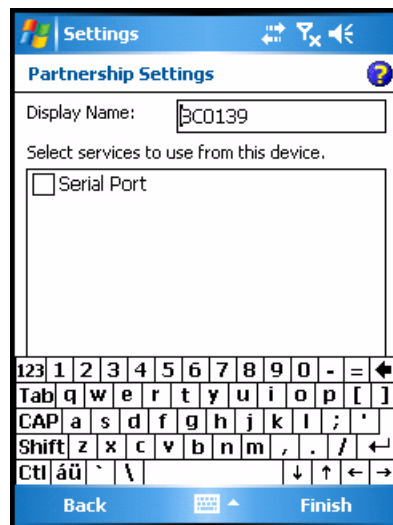


Figure 3-7 Partnership Settings Subwindow

- 15 Ensure that the **Serial Port** checkbox is selected.
- 16 Tap **Finish**. The (Bluetooth) **Devices** subwindow will be displayed, an example of which is shown in **Figure 3-8**.

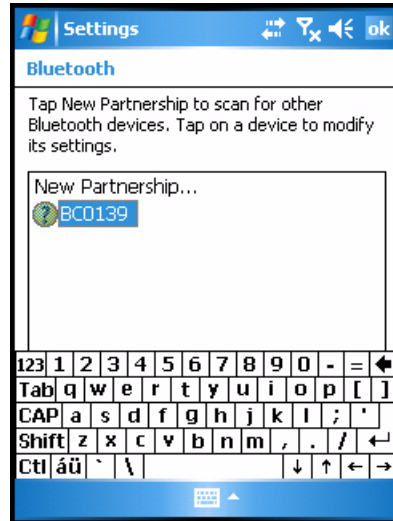


Figure 3-8 (Bluetooth) Devices Subwindow

- 17 Tap the **Keyboard** icon, located on the bottom portion of the window. The keyboard is no longer displayed.
- 18 Tap the **COM Ports** tab. The (Bluetooth) **COM Ports** subwindow will be displayed, an example of which is shown in **Figure 3-9**.

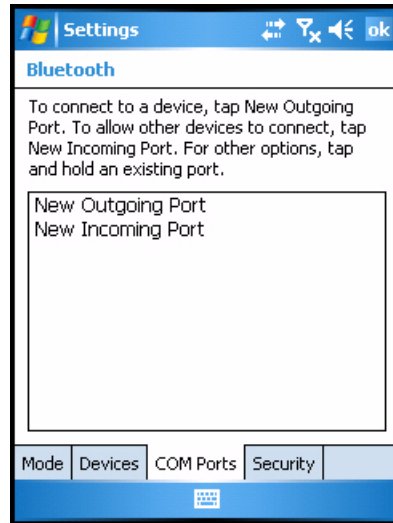


Figure 3-9 (Bluetooth) COM Ports Subwindow

- 19 Tap **New Outgoing Port**. The **Add a Device** subwindow will be displayed, an example of which is shown in **Figure 3-10**.

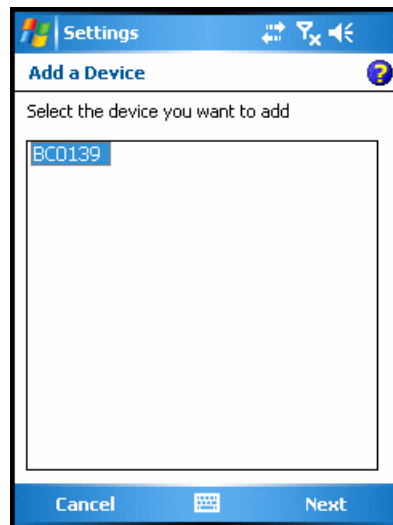


Figure 3-10 Add a Device Subwindow

- 20 Ensure that the **BlueCheck** device is selected.
- 21 Tap **Next**. The (Bluetooth) **Port** subwindow will be displayed, an example of which is shown in **Figure 3-11**.

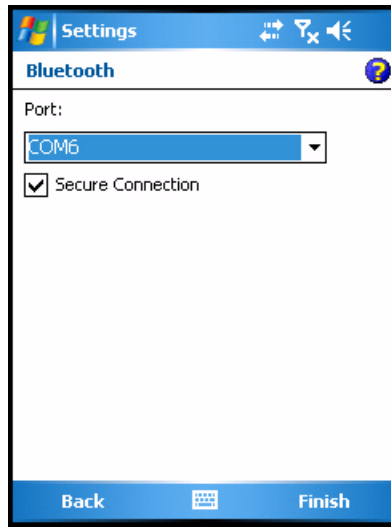


Figure 3-11 (Bluetooth) Port Subwindow

- 22 Select **COM6** from the **Port** drop-down menu.
- 23 Tap **Finish**. The **BlueCheck** capture device has now been paired to the **Pocket PC PDA**. The **(Bluetooth) COM Ports** subwindow will be displayed, an example of which is shown in **Figure 3-12**.

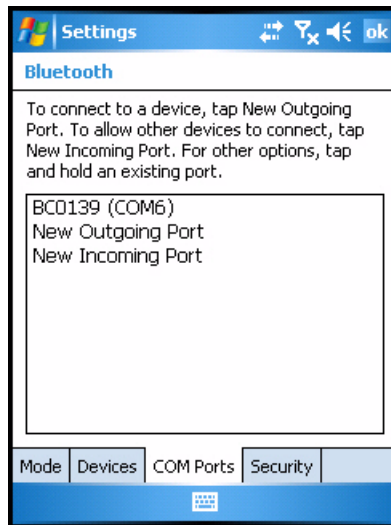


Figure 3-12 (Bluetooth) COM Ports Subwindow

- 24 Tap **ok**, located in the top-right corner of the window.
- 25 Tap the **X** button, located in the top-right corner of the window.



Chapter 4 Getting Started

Logging In

To log into MobileID, follow these steps:

- 1 Use the stylus to tap on the **Start** button, located on the top-left corner of the **Pocket PC PDA** screen. A drop-down menu will be displayed.
- 2 Select **MobileIDHost** from the drop-down menu. The **Login** window will be displayed, an example of which is shown in **Figure 4-1**.

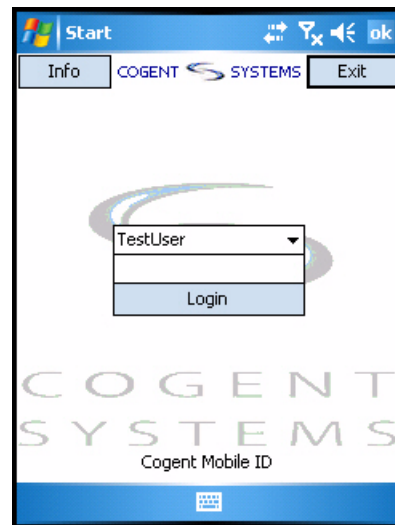


Figure 4-1 Login Window

- 3 Tap on the arrow in the top field.

- 4 Select your user name from the list of approved users in the drop-down menu.
- 5 Enter your password in the **Password** field.
- 6 Tap **Login**. The **MobileID Main Menu** window will be displayed, an example of which is shown in **Figure 4-2**.

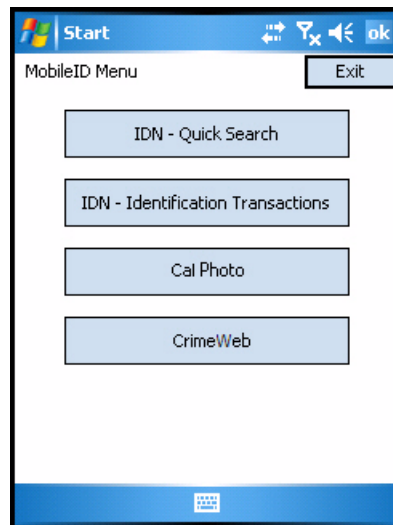


Figure 4-2 MobileID Main Menu Window

***Note:** From the **MobileID Main Menu** window, you can choose whether to perform a quick search identification (**IDN - Quick Search**) or a standard identification search (**IDN - Identification Transactions**).*

*The procedures for performing a quick search identification are described in **Chapter 5**.*

*The procedures for performing a standard identification search are described in **Chapter 6**.*

Turning on the BlueCheck Capture Device

To turn on the **BlueCheck** capture device, hold down the **On/Off** button until the **BlueCheck** device turns on. The **Power Indicator** will turn red, and the *LIVE CAPTURE* message will be displayed on the **Display Panel**. In addition, the **Bluetooth Connection Indicator** will turn solid blue when the device has connected to **MobileID**. You will not be able to send any captured fingerprint images to **MobileID** until the **Bluetooth Connection Indicator** has turned solid blue. For more information about connecting your device to **MobileID** via **Bluetooth**, contact your System Administrator.

*Note: If the **BlueCheck** device is turned on before launching the **MobileID** application, it may take up to 20 seconds to establish a **Bluetooth** connection after the application is started.*

Calibrating the BlueCheck Capture Device

If the BlueCheck capture device requires calibration (e.g., it is being used for the first time), follow these steps:

- 1 Ensure that the **BlueCheck** capture device is turned on. For instructions on turning on the **BlueCheck** capture device, please refer the previous section.
- 2 Press the **Blue** button (located above **NEXT** on the **Display Panel**). The message *CALIBRATE* will be displayed on the **Display Panel**.

*Note: If desired, you may exit from the calibration procedure at this point by pressing the **Blue** button (located above **NEXT** on the **Display Panel**).*

- 3 Press the **Green** button (located above **OK** on the **Display Panel**). The message *Calibrating...* will be displayed on the **Display Panel**. After approximately 5-10 seconds, the *Success* message will be displayed momentarily on the **Display Panel**. The *CALIBRATE* message will be redisplayed on the **Display Panel**, and the calibration procedure will be complete.

Notes



Chapter 5

Performing a Quick Search Identification

This chapter describes the procedure for performing a quick search identification using a Cogent **BlueCheck** capture device and the **Pocket PC** PDA.

*Note: Your **MobileID** system may be configured to capture thumbprints or a different pair of fingers. In the following description, the procedure for capturing a subject's thumbprints is used as an example.*

To perform a quick search identification, follow these steps:

- 1 From the **Pocket PC** PDA, tap the **IDN - Quick Search** button (located in the **MobileID Main Menu** window). The **Transaction Queue** window will be displayed, an example of which is shown in **Figure 5-1**.

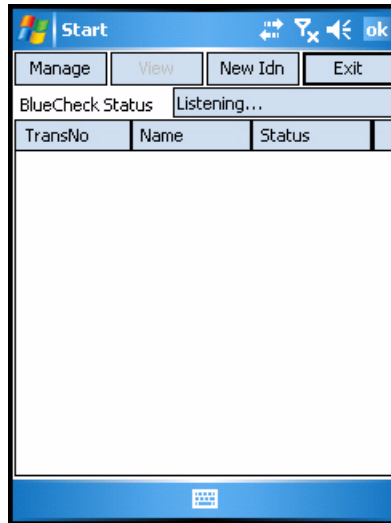


Figure 5-1 Transaction Queue Window

- 2 Ensure that the **BlueCheck** capture device is turned on. For instructions on turning on the **BlueCheck** capture device, please refer to “Turning on the BlueCheck Capture Device” on page 19.

*Note: The **Green** and **Blue** buttons are used to select menu options from the **Display Panel** during the fingerprint capture procedure. For more information about **BlueCheck** menu options, please refer to “BlueCheck Menu Options” on page 5.*

- 3 Wait until the **BlueCheck** capture device is connected to the **Pocket PC** PDA. When the **BlueCheck** capture device is connected, the status displayed in the **BlueCheck Status** field of the **Pocket PC** PDA will change from *Listening* to *Connected*.
- 4 From the **Pocket PC** PDA, tap the **New Idn** button (located on the top of the **Transaction Queue** window).

- 5 From the **BlueCheck** capture device, press the **Green** button (located above **OK** on the **Display Panel**). The message *R Thumb Please* will be displayed on the **Display Panel**.

Note: You may exit from the fingerprint capture process at any time by pressing the **Blue** button.

- 6 Depending on whether the subject's right thumb is missing/damaged, take one of the following actions:
 - If the right thumb is missing/damaged, press the **Green** button (located above **MIS** on the **Display Panel**).
 - If the right thumb is not missing/damaged, have the subject place his/her right thumb on the fingerprint sensor. The subject's right thumbprint will be captured, and the message *Finger Captured* will be displayed on the **Display Panel** of the BlueCheck capture device. After a few seconds, the message *L Thumb Please* will be displayed on the **Display Panel** of the BlueCheck capture device. The right thumb print will be displayed on the **Pocket PC PDA**, an example of which is shown in **Figure 5-2**.

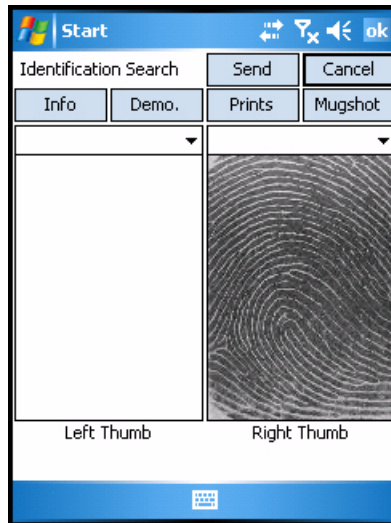


Figure 5-2 Captured Right Thumb Print Image

*Note: If you are not in the **BlueCheck** device's **Bluetooth** range, its attempt to communicate with **MobileID** will time out, and the message: **NO CONN RESEND?** will be displayed on the **Display Panel**. If this message is displayed, try moving the **BlueCheck** device closer to the **Pocket PC PDA** on which **MobileID** is installed.*

- 7 Depending on whether the subject's left thumb is missing/damaged, take one of the following actions:
- If the left thumb is missing/damaged, press the **Green** button (located above **MIS** on the **Display Panel**).
 - If the left thumb is not missing/damaged, have the subject place his/her left thumb on the fingerprint sensor. The subject's left thumbprint will be captured, and the message *Finger Captured* will be displayed on the **Display Panel**. The prints are sent to **LAFIS** and the quick search identification transaction will be displayed in the **Transaction Queue** window of the **Pocket PC PDA**, an example of which is shown in **Figure 5-3**.

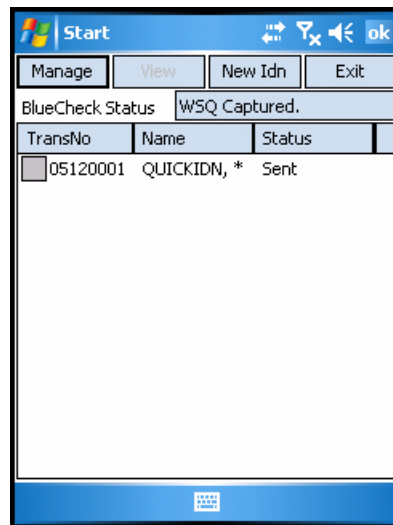


Figure 5-3 The New Quick Search Identification Transaction Is Displayed in the Queue

*Note: For a quick search identification, **MobileID** is configured to automatically send the transaction to **LAFIS**.*

- 8 If a possible hit against the tenprint database is found on **LAFIS**, the **BlueCheck** device will beep, and the message *Possible hit!* will be displayed on the **Display Panel** of the **BlueCheck** capture device. If no candidates are found or only candidates with scores below the designated threshold are found on **LAFIS**, the message *No hit* will be displayed on the **Display Panel** of the **BlueCheck** capture device. The results of the **LAFIS** search are displayed on the **MobileID** application of the **Pocket PC PDA**. An example of the results returned from **LAFIS** is displayed in **Figure 5-4**.

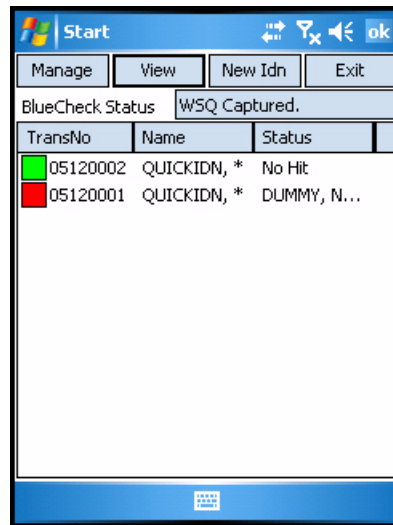


Figure 5-4 Results of the Quick Search Identification

*Note: A Hit will be indicated by a red square to the left of the transaction number. In addition, the subject's name will be displayed in the **Status** column. A Non-Hit will be indicated by a green square to the left of the transaction number. In addition, **No Hit** will be displayed in the **Status** column.*

- 9 To return to the **MobileID Main Menu** window, tap **Exit**. A dialog box will be displayed.
- 10 Tap **Yes**. The **MobileID Main Menu** window will be displayed.



Chapter 6

Performing an Identification Search

This chapter describes the procedure for performing a standard identification search using a Cogent **BlueCheck** capture device and the **Pocket PC** PDA.

*Note: Your **MobileID** system may be configured to capture thumbprints or a different pair of fingers. In the following description, the procedure for capturing a subject's thumbprints is used as an example.*

To perform an identification search, follow these steps:

- 1 From the **Pocket PC** PDA, tap the **IDN - Identification Transactions** button (located in the **MobileID Main Menu** window). The **Transaction Queue** window will be displayed, an example of which is shown in **Figure 6-1**.

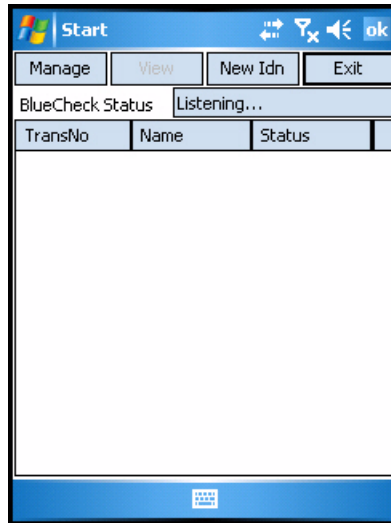


Figure 6-1 Transaction Queue Window

- 2 Ensure that the **BlueCheck** capture device is turned on. For instructions on turning on the **BlueCheck** capture device, please refer to “Turning on the BlueCheck Capture Device” on page 19.

*Note: The **Green** and **Blue** buttons are used to select menu options from the **Display Panel** during the fingerprint capture procedure. For more information about **BlueCheck** menu options, please refer to “BlueCheck Menu Options” on page 5.*

- 3 Wait until the **BlueCheck** capture device is connected to the **Pocket PC** PDA. When the **BlueCheck** capture device is connected, the status displayed in the **BlueCheck Status** field of the **Pocket PC** PDA will change from *Listening* to *Connected*.
- 4 From the **Pocket PC** PDA, tap the **New Idn** button (located on the top of the **Transaction Queue** window).

- 5 From the **BlueCheck** capture device, press the **Green** button (located above **OK** on the **Display Panel**). The message *R Thumb Please* will be displayed on the **Display Panel**.

Note: You may exit from the fingerprint capture process at any time by pressing the **Blue** button.

- 6 Depending on whether the subject's right thumb is missing/damaged, take one of the following actions:
 - If the right thumb is missing/damaged, press the **Green** button (located above **MIS** on the **Display Panel**).
 - If the right thumb is not missing/damaged, have the subject place his/her right thumb on the fingerprint sensor. The subject's right thumbprint will be captured, and the message *Finger Captured* will be displayed on the **Display Panel** of the BlueCheck capture device. After a few seconds, the message *L Thumb Please* will be displayed on the **Display Panel** of the BlueCheck capture device. The right thumb print will be displayed on the **Pocket PC PDA**, an example of which is shown in **Figure 6-2**.

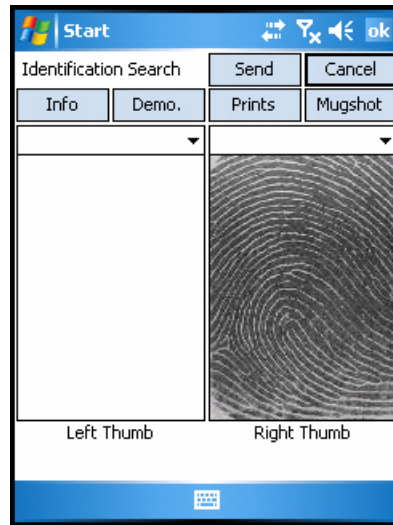


Figure 6-2 Captured Right Thumb Print Image

*Note: If you are not in the **BlueCheck** device's **Bluetooth** range, its attempt to communicate with **MobileID** will time out, and the message: **NO CONN RESEND?** will be displayed on the **Display Panel**. If this message is displayed, try moving the **BlueCheck** device closer to the **Pocket PC PDA** on which **MobileID** is installed.*

- 7 Depending on whether the subject's left thumb is missing/damaged, take one of the following actions:
 - If the left thumb is missing/damaged, press the **Green** button (located above **MIS** on the **Display Panel**).
 - If the left thumb is not missing/damaged, have the subject place his/her left thumb on the fingerprint sensor. The subject's left thumbprint will be captured, and the message *Finger Captured* will be displayed on the **Display Panel**. The left thumb print will be displayed on the **Pocket PC PDA**.
- 8 From the **Pocket PC PDA**, tap the **Info** button (located on the top of the **Transaction Queue** window). The **Info** data entry subwindow will be displayed, an example of which is shown in **Figure 6-3**.

Start		Send	Cancel
Info	Demo.	Prints	Mugshot
Trans No.	MI001A0605120003		
Booking No.	SD46000003		
Main No.			
Date	05/12/2006		

Figure 6-3 Info Data Entry Subwindow

- 9 Tap the **Keyboard** icon, located on the bottom portion of the window. The keyboard is displayed.
- 10 Enter the general information about the identification search transaction in the fields of the **Info** subwindow.

*Note: In the data entry subwindows, the **required** fields for your agency are indicated in yellow.*

- 11 Tap the **Demo.** button (located on the top of the **Transaction Queue** window). The **Demographics** data entry subwindow will be displayed, an example of which is shown in **Figure 6-4**.

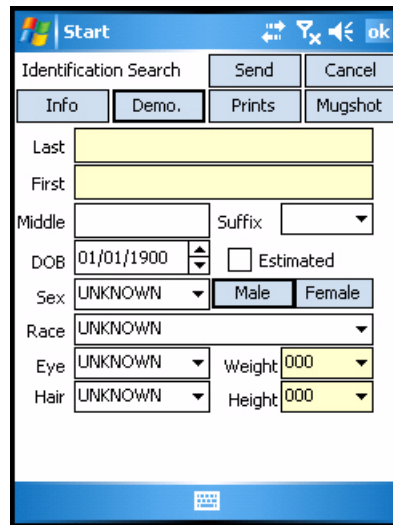


Figure 6-4 Demographics Data Entry Subwindow

- 12 Enter the subject's demographic information in the fields of the **Demographics** subwindow.
- 13 Tap the **Mugshot** button (located on the top of the **Transaction Queue** window). The **Mugshot** capture subwindow will be displayed, an example of which is shown in **Figure 6-5**.

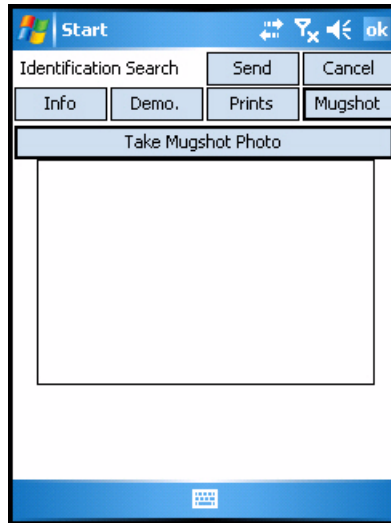


Figure 6-5 Mugshot Capture Subwindow

- 14 Tap the **Take Mugshot Photo** button. The mugshot capture window will become active.
- 15 Rotate the **Pocket PC PDA** to the left and position the PDA camera so that the subject's face is centered in the mugshot capture window.
- 16 Press the camera button on the top edge of the **Pocket PC PDA** device to capture the subject's mugshot photo. An example is shown in **Figure 6-6**.



Figure 6-6 Preview of Subject's Mugshot

- 17 If necessary, tap the camera icon on the bottom-right of the window (below the word **Select**) to retake the photo.
- 18 Tap the icon on the bottom-left of the window (below the word **Select**) to accept the subject's mugshot photo. The subject's mugshot photo will be displayed in the **Mugshot** capture subwindow. An example is shown in **Figure 6-7**.

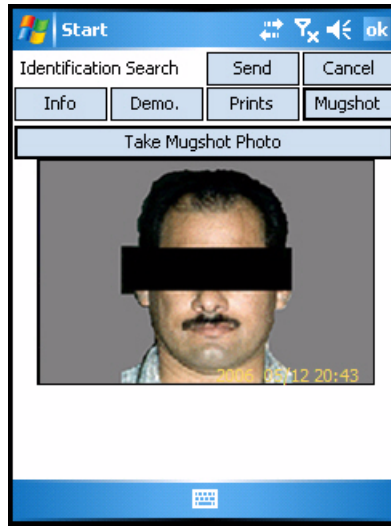


Figure 6-7 Subject's Mugshot Photo

- 19 After you have finished capturing the mugshot photo, you may send the transaction to **LAFIS**.
- 20 If a possible hit against the tenprint database is found on **LAFIS**, the **BlueCheck** device will beep, and the message *Possible hit!* will be displayed on the **Display Panel** of the **BlueCheck** capture device. If no candidates are found or only candidates with scores below the designated threshold are found on **LAFIS**, the message *No hit* will be displayed on the **Display Panel** of the **BlueCheck** capture device. The results of the **LAFIS** search are displayed on the **MobileID** application of the **Pocket PC** PDA. An example of the results returned from **LAFIS** is displayed in **Figure 6-8**.

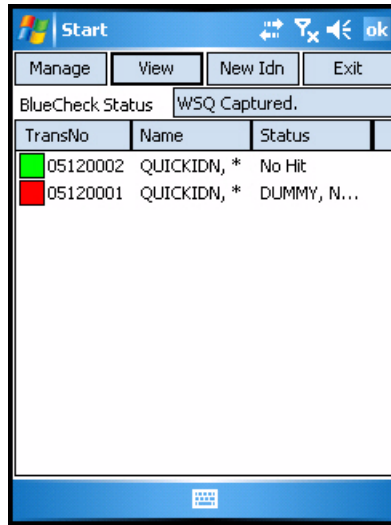


Figure 6-8 Results of the Quick Search Identification

***Note:** A Hit will be indicated by a red square to the left of the transaction number. In addition, the subject's name will be displayed in the **Status** column. A Non-Hit will be indicated by a green square to the left of the transaction number. In addition, **No Hit** will be displayed in the **Status** column.*

- 21 To return to the **MobileID Main Menu** window, tap **Exit**. A dialog box will be displayed.
- 22 Tap **Yes**. The **MobileID Main Menu** window will be displayed.



Chapter 7 Viewing Transaction Information

You can view the fingerprint images and demographic information for any transaction in the **Transaction Queue** window by simply highlighting the transaction in the queue and tapping the **View** button. When you do so, the **Transaction View** window will be displayed for that transaction, an example of which is shown in **Figure 7-1**.

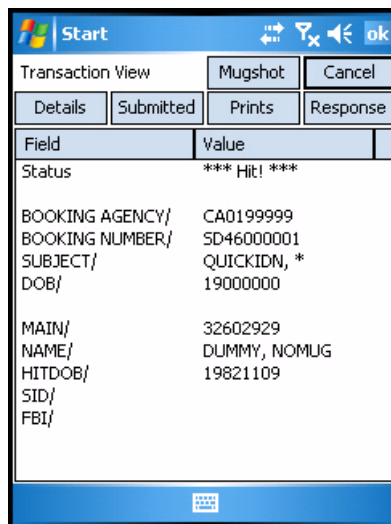


Figure 7-1 Sample Transaction View Window

From the **Transaction View** window, you can view the subject's fingerprint images and demographic information.

Viewing the Identification Information Returned by LAFIS

From the **Transaction View** window, tap the **Details** button. Information regarding the subject's Hit/No Hit status and identity (if available) will be displayed. An example is shown in **Figure 7-2**.

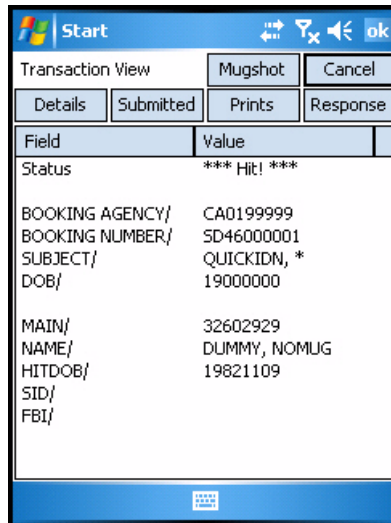


Figure 7-2 View the Identification Information Returned by LAFIS

Viewing the Demographic Information Submitted to LAFIS

From the **Transaction View** window, tap the **Submitted** button. The demographic information submitted (or waiting to be submitted) to **LAFIS** will be displayed. An example is shown in **Figure 7-3**.

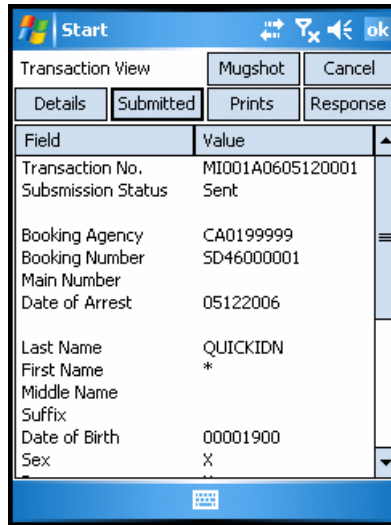


Figure 7-3 View the Demographic Information Submitted to LAFIS

Viewing the Prints Submitted to LAFIS

From the **Transaction View** window, tap the **Prints** button. The fingerprints submitted (or waiting to be submitted) to **LAFIS** will be displayed. An example is shown in **Figure 7-4**.

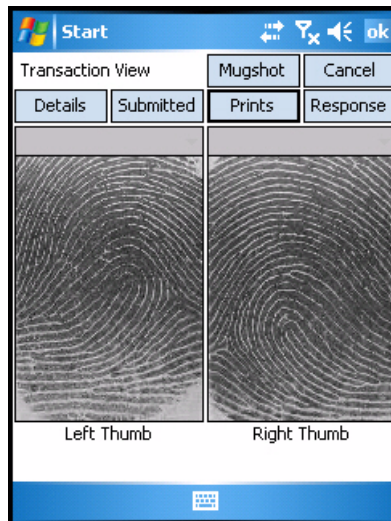


Figure 7-4 View the Fingerprints Submitted to LAFIS

Viewing LAFIS's Response to the Identification Request

From the **Transaction View** window, tap the **Response** button. LAFIS's response to the identification request will be displayed. An example is shown in **Figure 7-5**.

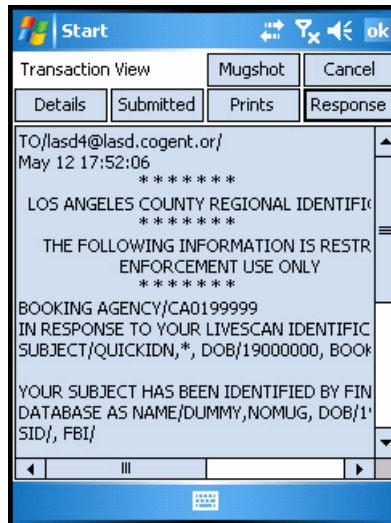


Figure 7-5 View LAFIS's Response to the Identification Request

Viewing the Mugshot Photo Submitted to LAFIS

From the **Transaction View** window, tap the **Mugshot** button. The mugshot photo submitted (or waiting to be submitted) to LAFIS will be displayed. An example is shown in **Figure 7-6**.

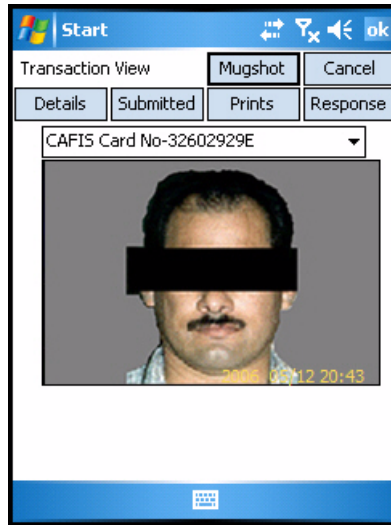


Figure 7-6 View the Mugshot Photo Submitted to LAFIS

Returning to the Transaction Queue Window

To return to the **Transaction Queue** window, tap the **ok** button.

Notes



Chapter 8 Logging Out

To log out of MobileID, follow these steps:

- 1 Tap the **Exit** button. A dialog box will be displayed.
- 2 Tap the **Yes** button. The **MobileID Main Menu** window will be displayed.
- 3 Tap the **Exit** button. A dialog box will be displayed.
- 4 Tap the **Yes** button. The **Login** window will be displayed.
- 5 Tap the **Exit** button. You will be logged out of **MobileID**.

Notes



Appendix A Configuring MobileID (for Administrators only)



To configure MobileID, follow these steps:

- 1 Use the stylus to tap on the **Start** button, located on the top-left corner of the Pocket PC PDA screen. A drop-down menu will be displayed.
- 2 Select **MIDConfigure** from the drop-down menu. The **MobileID Host Configuration** window will be displayed, an example of which is shown in **Figure A-1**.

COGENT SYSTEMS		Exit
MobileID Host Configuration		
Livescan ID	LASD4	
Device ID	MI001A	
Agency	CA0199999	
Communication	SMTP	
Configuration Access Password		Login

Figure A-1 MobileID Host Configuration Window

- 3 Enter the configuration access password in the **Configuration Access Password** field.

*Note: The default configuration access password is **qwerty**.*

- 4 Tap **Login**. The configuration information for **MobileID** will be displayed. An example is shown in **Figure A-2**.

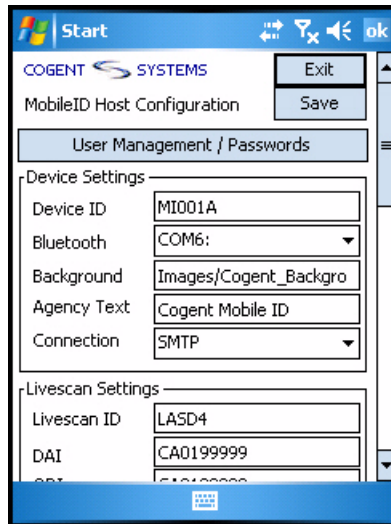


Figure A-2 MobileID Host Configuration

- 5 Tap **User Management / Passwords**. The **User Configuration** window will be displayed. An example is shown in **Figure A-3**.

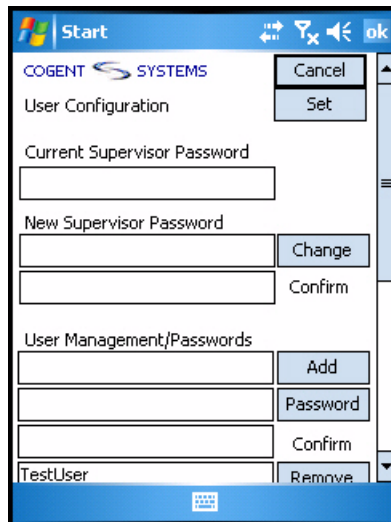


Figure A-3 User Configuration Window

- 6 To add a new **MobileID** user account, follow these steps:
 - 6a Enter the new user name in the first field below the **User Management/Passwords** portion of the window.
 - 6b Enter the new user password in the second field below the **User Management/Passwords** portion of the window.
 - 6c Enter the new user password again in the third field below the **User Management/Passwords** portion of the window. An example is shown in **Figure A-4**.



Figure A-4 Creating a New User Account

- 6d Tap the **Add** button. A dialog box is displayed.
- 6e Tap the **Close** button. The dialog box is no longer displayed.
- 6f Tap the **Set** button. The configuration information for **MobileID** will be displayed. An example is shown in **Figure A-5**.

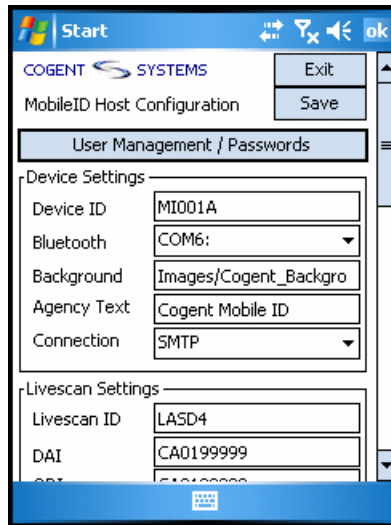


Figure A-5 MobileID Host Configuration

- 6g Tap the **Save** button. The **MobileID Host Configuration** window is displayed, an example of which is shown in Figure A-6.

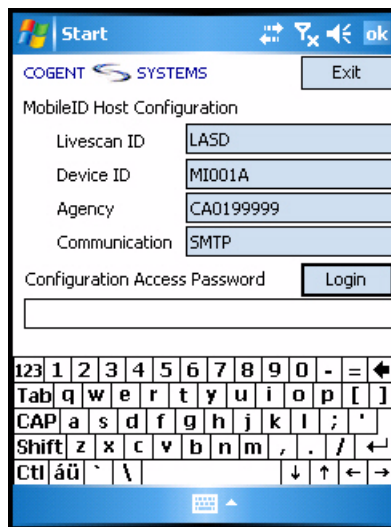


Figure A-6 MobileID Host Configuration Window

- 6h Tap the **Exit** button. You will be exited from the **MobileID** configuration application.