



Configure a PageCounter Terminal

Instructor Led Training
Chapter 4 – Exercise B

Topics include:

- [Configure a PageCounter Terminal](#)
- [Download the PageCounter Terminal Updater and Firmware Software](#)
- [Update the Firmware on the PageCounter Terminal](#)
- [Assign a PageCounter Terminal to a Printer](#)

Configure a PageCounter Terminal

NOTE: Before proceeding, ensure that you have access to the Network Setup Map diagram that was completed at the beginning of class. This information is necessary to assign an IP address to a PageCounter terminal. If you are sharing a PageCounter terminal with another student, take turns configuring the device.

1. Ensure that the Ethernet cable and power cables are correctly connected to the PageCounter terminal before proceeding.
2. On your server machine, open a DOS Command Prompt window and ping the IP address of the PageCounter terminal provided by the instructor. A response of **Request timed out** confirms that the IP address is not currently in use.

NOTE: Do **NOT** proceed until you have a valid IP address available.

3. On the PageCounter terminal, unplug the black power cord and then plug the cord back in.
4. When the **Loading Firmware** prompt appears, press and hold the **F2** key on the PageCounter terminal. If the **Loading Firmware** prompt has already disappeared, repeat step 3.
5. At the prompt to enter a password, type the number **2468** and then press the  key on the PageCounter terminal.
6. Press the **1** key to select **Network**.
7. Press the **3** key to select **Use Static IP**.
8. Press the **0** (zero) key to select **Set the IP Address**.
9. Type the IP address to be assigned to the PageCounter terminal (from step 2). You must enter leading zeros in the address. Press the **SEP** key to insert the dot between each octet in the address.

For example, if the IP address is 192.168.92.77, you would type the following:

192[SEP]168[SEP]092[SEP]077

10. Press the  key.
11. Press the **1** key to enter the **Subnet Mask**.
12. Type the subnet mask **255.255.255.000** (from the Network Setup Map diagram) and press the  key. **NOTE:** You **MUST** type three zeros in the last octet.
13. Press the **2** key to enter the **Gateway**.

14. Type the gateway that is provided by the instructor and press the  key.
15. Press the **3** key and enter the IP address of your server machine.
16. Press the  key.
17. Press the **F3** key several times until the PageCounter terminal reboots itself.
18. When the PageCounter terminal restarts, the screen displays the message **Device Not fully Configured Contact your Administrator.**

Download the PageCounter Terminal Updater and Firmware Software

NOTE: If students have a login ID to the Equitrac Partner Portal, they can use the Web site to download the latest release of the Updater and Firmware software. The software is found within the Tech Support section and is in the form of a ZIP file. Depending on the method chosen, complete the steps in the applicable section.

Partner Portal:

1. On the server machine, right-click the **My Computer** icon and then left-click **Explorer**.
2. Browse to the following location:
C:\Program File\Equitrac\[Express or Office]\Tools
3. Click to select the **Tools** folder.
4. Click **File>New>Folder**.
5. Type **PageCounter Updater** for the folder name.
6. Start your Web browser and access the Partner Portal.
7. Navigate to the software downloads section and download the **Terminal Updater Tool** file; save the file to the **PageCounter Updater** folder.
8. Download the **PageCounter Firmware** file; save the file to the same **PageCounter Updater** folder.
9. When the download is complete, expand each zip file in the folder.

Equitrac Training CD

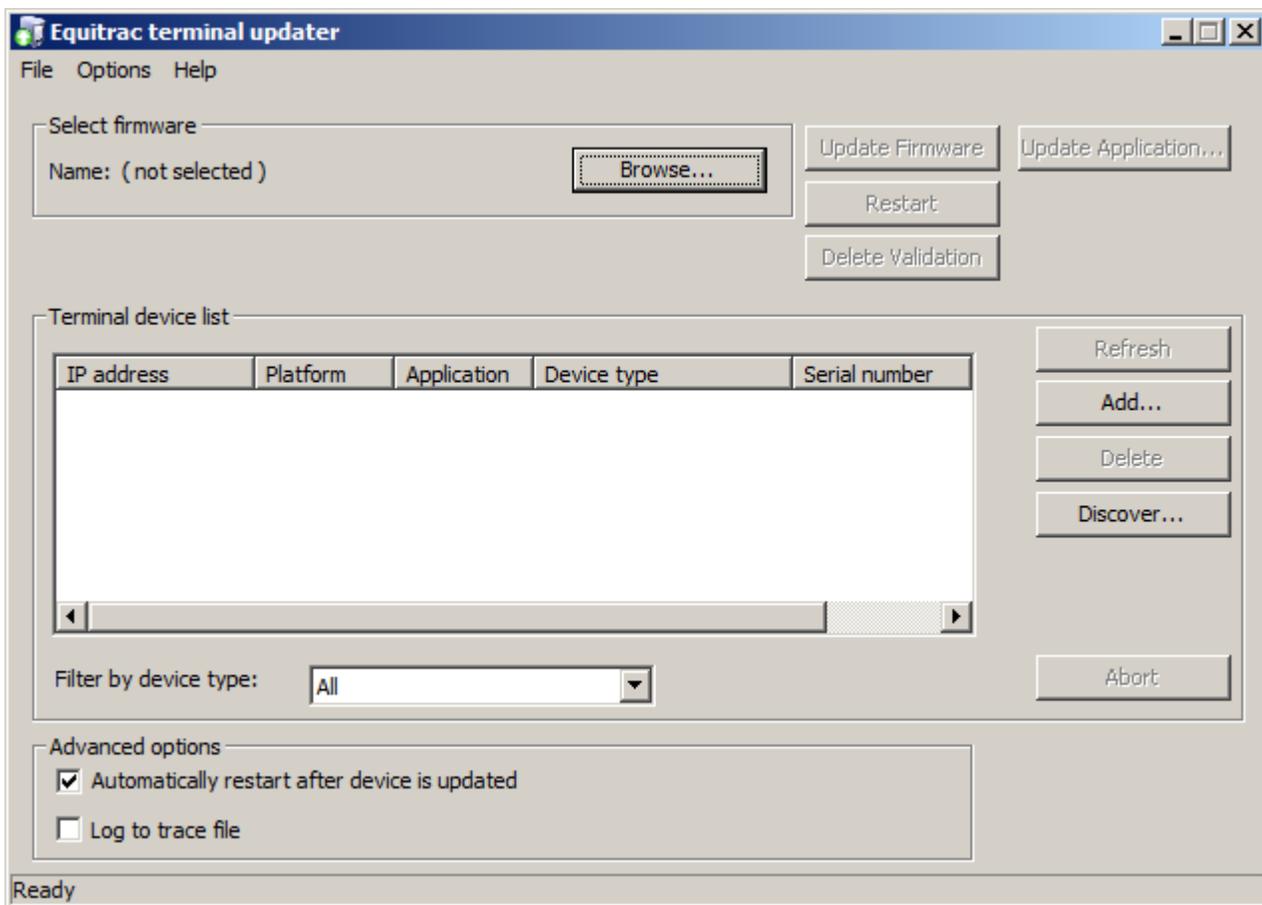
1. Right-click the **My Computer** icon and then left-click **Explorer**.
2. Expand the Equitrac Training CD provided.
3. Right click the **PageCounter Updater** folder and left-click **Copy**.
4. Browse to the following location on your server machine:
C:\Program File\Equitrac\[Express or Office]\Tools
5. Right-click the folder and select **Paste**.
6. Browse to the shared folder provided by the instructor.

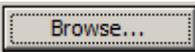
7. Right-click the file that begins with **SAL** and has a **.BIN** extension and select **Copy**.
8. Browse to the PageCounter Updater folder on your server machine.
9. Right-click the folder and select **Paste**.

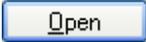
Update the Firmware on a PageCounter Terminal

The following information applies to a PageCounter terminal that contains a flash card. For Page Counter terminals that do not contain a flash card call Support for assistance.

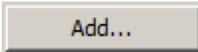
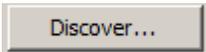
1. On the server machine, browse to the following location:
C:\Program File\Equitrac\[Express or Office]\Tools\PageCounter Updater
2. Double-click the **ReadMe.txt** file.
3. Review the file for any special instructions or warnings before proceeding.
4. Double click the **EQTerminalUpdate.exe** file; the Equitrac terminal updater dialog box appears.



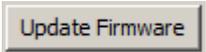
5. Click the  button.

6. Navigate to the following location:
C:\Program File\Equitrac\[Express or Office]\Tools\PageCounter Updater
7. Select the file that begins with **SAL** and contains a **.BIN** extension.
8. Click the  button; the PageCounter version appears in the dialog box.



9. Click the  button; the Add device dialog box appears.
10. Click the  button; the IP address is added to the Terminal device list.
11. Click the entry and then click the  button; the IP address is removed from the Terminal device list.
12. Click the  button; a Discover Devices dialog box appears.
13. Click the  button.

The Discover feature allows the system to search the network for all PageCounter terminals within the specified IP address range. Each PageCounter terminal found appears in the Terminal Device list. **NOTE:** This process could take several minutes to complete. Monitor the progress bar at the bottom of the dialog box.

14. Select the PageCounter terminal(s) to be updated. **HINT:** Crosscheck the serial number listed on the screen with the serial number located on the bottom of each the PageCounter terminal to ensure the correct terminal(s) are being updated.
15. Click the  button.

The update begins. This process may take upwards of 10-20 minutes to complete, depending on network traffic. During the Update process, all buttons in the dialog box are unavailable. Monitor the progress bar. The update process is complete for each PageCounter terminal when it beeps and automatically reboots. When the last PageCounter terminal selected is successfully updated; the buttons in the dialog box also become available.

Assign a PageCounter Terminal to a Printer

1. Start **Equitrac System Manager** and connect to the accounting server.
2. In the left pane, click  **Devices**; the list of physical devices appears in the right pane.

Name	Server	Description	ID	Type
<input type="checkbox"/> SecondFloor			SecondFloor	Physical device
<input type="checkbox"/> FirstFloor			FirstFloor	Physical device
<input type="checkbox"/> ColorPrinter			ColorPrinter	Physical device
<input type="checkbox"/> BWPrinter			BWPrinter	Physical device
<input type="checkbox"/> <Unassigned control terminals>				

NOTE: If **Equitrac System Manger** is already running, click the  **Refresh** button.

3. If no physical devices are listed above <**Unassigned Control term...**>, minimize the **Equitrac System Manager** window, open the **Printers and Faxes** window, and print a test page for one of the printers listed. Switch back to the **Equitrac System Manager** and click the  **Refresh** button; the physical device appears.
4. In the right pane, click the plus (+) sign beside each physical device; the port and print queue associated with each physical device appears.

Name	Server	Description	ID	Type
<input type="checkbox"/> SecondFloor			SecondFloor	Physical device
<input type="checkbox"/> EQ_SecondFloor:Temp	EQSERVERXX		Temp	Port
<input type="checkbox"/> PrnSecFL	EQSERVERXX			Print queue
<input type="checkbox"/> FirstFloor			FirstFloor	Physical device
<input type="checkbox"/> EQ_FirstFloor:Temp	EQSERVERXX		Temp	Port
<input type="checkbox"/> PrnFrsFL	EQSERVERXX			Print queue
<input type="checkbox"/> ColorPrinter			ColorPrinter	Physical device
<input type="checkbox"/> EQ_ColorPrinter:Temp	EQSERVERXX		Temp	Port
<input type="checkbox"/> PrnColor	EQSERVERXX			Print queue
<input type="checkbox"/> BWPrinter			BWPrinter	Physical device
<input type="checkbox"/> EQ_BWPrinter:Temp	EQSERVERXX		Temp	Port
<input type="checkbox"/> PrnBW	EQSERVERXX			Print queue

- Click the plus (+) sign beside <Unassigned control terminals>.

Name	Server	Description	ID	Type
[-] <Unassigned control term...>				
Auto-generated devic...	EQSERVERXX		0004b5002057	Control terminal

- Left-click and drag the **Auto-generated device...** entry (which is the PageCounter terminal) to the BWPrinter physical device; the PageCounter terminal is now associated with the BWPrinter device.

Name	Server	Description	ID	Type
[-] SecondFloor				
[-] EQ_SecondFloor:Temp	EQSERVERXX		Temp	Port
PrnSecFL	EQSERVERXX			Print queue
[-] FirstFloor				
[-] EQ_FirstFloor:Temp	EQSERVERXX		Temp	Port
PrnFrsFL	EQSERVERXX			Print queue
[-] ColorPrinter				
[-] EQ_ColorPrinter:Temp	EQSERVERXX		Temp	Port
PrnColor	EQSERVERXX			Print queue
[-] BWPrinter				
[-] EQ_BWPrinter:Temp	EQSERVERXX		Temp	Port
PrnBW	EQSERVERXX			Print queue
Auto-generated devic...	EQSERVERXX		0004b5002057	Control terminal

- Click **Auto-generated device**; a Device interface summary dialog box appears.

Device interface summary - [Auto-generated device[0004b5002057]] [X]

<p>Definition</p> <p>Name: <input type="text" value="Auto-generated device[0004b5002057]"/></p> <p>Description: <input type="text"/></p> <p>Server: <input type="text" value="EQSERVERXX"/></p> <p>Type: Control terminal</p> <p>Override Copier Type: <input type="text" value="<unconfigured>"/></p> <p>Hardware address: <input type="text" value="0004b5002057"/></p> <p>IP address: <input type="text" value="192 . 168 . 101 . 242"/></p> <p>Gateway IP: <input type="text" value="192 . 168 . 13 . 254"/></p> <p>Subnet mask: <input type="text" value="255 . 255 . 255 . 0"/></p> <p>Terminal type: <input type="text" value="PageCounter Device"/></p>	<p>Behavior</p> <p>Rule set: <input type="text" value="<Default>"/></p> <p>Control: <input type="text" value="Copy and release"/></p> <p>Release behavior: <input type="text" value="All are released"/></p>
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8. In the **Behavior** section, left-click the **Control** drop-down arrow and select **Copy and release**.
9. Click the  button.
10. Close **Equitrac System Manger**.