DC Tips

... for the user

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Print ASCII Line Drawing Characters

Purpose

The Document Centre does not automatically detect ASCII characters embedded in source documents or print files. To configure the Document Centre to output the characters correctly, change the PCL set-up options. This document describes how to make these changes.

You can use the Web client or the Document Centre user interface to change PCL options for all Document Centres **except** the DC 240/255/265. Only the Web client is used to change PCL options for a DC 240/255/265.

If you are printing other PCL jobs, changes to the PCL setup options may effect other print jobs. We recommend you restore the settings after the print job is complete.

Description

**Note:
To perform these steps, you must have Admin access on the Document Centre.**

ASCII line drawing characters are used to print documents with boxes around text or vertical and horizontal lines to represent a table They are contained in the symbol set PC-8 (10U). To work with ASCII drawing characters, it is necessary to make adjustments in the PCL5 options in the Document Centre.

PCL Setup on the DC 220/230 ST DC332/340 ST and DC 420/425/432/440 ST User Interface

1. Print the Configuration Report so that you can use it to restore the original PCL5 Options settings on the Document Centre. Refer to the section "Printing Configuration Reports," later in this document.

2. At the Document Centre, select [**Access**]. Enter the Admin password, then select [**Enter**].

3. Go to [**Print Setups**]. Select [**PCL5E Setups**].

4. The PCL5E Setups contain the following options for characters: pitch size and point size, lines per page, font and symbol. Review the settings to determine they are appropriate for your configuration. Set the Symbol Set to **PC-8 (10U)**. Select [**Save**] if you make any changes.

5. When printing is complete, restore any changes as noted in the configuration report.

This document applies to these Xerox products:

	DC 555/545/535
x	DC 490/480/470/460 ST
x	DC 440/432/425/420 ST
x	DC 340/332 ST
x	DC 265/255/240 ST/LP
x	DC 230/220 ST/LP
	DCCS 50

PCL Setup on the DC 230 LP Display

Because the process to change DC 220/230 PCL settings with the Web interface is simple, you may wish to follow the procedure in the next section.

1. Print the Configuration Report so that you can use it to restore the original PCL5 Options settings on the Document Centre. Refer to the section "Printing Configuration Reports," later in this document.

2. Ensure that the Document Centre is offline. If not, select [**Online**] once. The Document Centre should now be offline.

3. Select [**Menu**], the right arrow button once and the down arrow until you see "System Administration", then select [**Enter**].

4. Enter the Admin password then select [**Enter**].

5. At the System Administration display:

    a. Press the right arrow button once and the down arrow until you see **PCL Setup**.

    b. Press the right arrow once and the down arrow until you see the PCL options (Symbol Set, Lines per page, Font Size, Font Pitch, and Font).

    c. To change the Symbol Set, scroll through (using up/down arrows) until you see PC-8 and press [**Enter**] on the keypad. The UI displays **Saved**.

    d. Press the left arrow once and select the PCL option (so you can change the other PCL options as necessary).

6. To exit the menu when you are done, select [**Online**].

7. Make any necessary adjustments to the options.

8. When printing is complete, restore the options to those shown in the configuration report.

PCL Setup on the DC 220/230 LP/ST, DC 332/340 ST and DC 420/425/432/440 ST Web Client Interface

1. Print the Configuration Report so that you can use it to restore the original PCL5 Options settings on the Document Centre. Refer to the section "Printing Configuration Reports," later in this document.

2. Open a Web browser. We recommend Internet Explorer 4.x and above or Netscape 3.x and above.

3. Enter the IP address of the Document Centre (such as http://<IP address>) then select [**Enter**].

4. At the Document Centre's main page, go to [**Properties**], [**Emulation**], [**PCL Setup**].

5. On the PCL Setup page there are options to change: Pitch size, Point size, Font Name, Symbol Set and Lines per page.

6. Change the options as necessary (**Symbol Set = PC-8, 10U**) for the desired output. Press [**Apply New Settings**]. Enter Admin Logon [**admin**] and password then select [**Enter**].

7. When printing is complete, press [**Restore settings**] to return to the default settings.

8. Restore any changes as noted in the configuration report.

PCL Setup on the DC 240/255/265 ST and DC 460/470/480/490 ST Web Client Interface

1. Print the Configuration Report so that you can use it to restore the original PCL5 Options settings on the Document Centre. Refer to the section "Printing Configuration Reports," later in this document.

2. Open a Web browser. We recommend Internet Explorer 4.x and above or Netscape 3.x and above.

3. Enter the IP address of the Document Centre (such as http://<IP address>) then select [**Enter**].

4. At the main page, go to [**Properties**], [**Services**], [**Printer Languages**], [**PCL Setup**].

5. On the PCL Setup page there are options to change: Pitch size, Point size, Font Name, Symbol Set and Lines per page.

6. Change the options as necessary (**Symbol Set = PC-8,10U**) for the desired output. Press [**Apply New Settings**]. Enter Admin Logon [**admin**] and password then select [**Enter**].

7. When printing is complete, press [**Restore settings**] to return to the default settings.

8. Restore any changes as noted in the configuration report.

PC-8 Symbol Set Example

The following table shows the portion of the PC-8 (10U) symbol set that includes the ASCII line drawing characters.

180	196	212	182	198	214	184	200	216
181	197	213	183	199	215	185	201	217

Key Terms

- **Symbol** - identifies the alphanumeric, punctuation or other printable characters in a set.

- **Pitch Size** - number of characters printed in a horizontal inch (using fixed space fonts).

- **Point Size** - unit used to measure height of a font. One point equals $^1/_{72}$ of an inch.

- **Lines Per Page** – number of printed lines a page contains.

- **Font** - is a set of characters of the same size and typeface.

Printing Configuration Reports

DC 220/230 LP

1. Select [**MENU**].

2. Press the right arrow once and the down arrow until you see Reports.

3. Press the right arrow once. "Print Report Config Report" appears, then select [**Enter**].

DC 220/230/332/340 ST

1. Select [**Machine Status**] on the UI.

2. Select the [**Reports and Counters**] tab.

3. Select [**Print Reports**], [**Printer Configuration**], then press [**Exit**].

DC 240/255/265 LP/ST

1. Select [**Access**], enter the Admin password, then select [**Enter**].

2. Select [**Go to Tools**], [**System Settings**], then [**Configuration Report**], [**Print Configuration Report Now**].

3. To exit, press [**Cancel**] then [**Exit Tools**].

Additional Information

Xerox's Document Centre Technical Support Operations welcomes feedback on all DC Tips documentation—send feedback via e-mail to: dssc_doc_feedback@usa.xerox.com.

Other DC Tips are available at
http://www.xerox.com/DocumentCentreFamily/Tips

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