

DC Tips

... for the user

dc01cc0247
October 3, 2002

Supported Installation and Upgrade Methods for Document Centre Windows Print Drivers

1. Purpose

This document contains information about the methods Xerox supports to install or upgrade Document Center print drivers in a Microsoft Windows environment. This document describes considerations your system administrator may need to address when performing a driver installation or upgrade. After reviewing this document, it may be necessary to review detailed step by step instructions. For detailed instructions please refer to DC Tip # dc01cc0234, *Upgrading Document Centre Printer Drivers in a Windows Environment*, located at: <http://www.xerox.com/DocumentCentreFamily/Tips>.

2. Driver Recommendations in the Point and Print Environment

CentreWare 5.3 contains two types of drivers. An enhanced driver provides all Document Centre features. The standard driver provides basic printing features common to most printing environments. Choose the driver type best suited to your printing environment.

PostScript Enhanced Drivers

When creating a new print queue, you can install either standard or enhanced drivers. If your current driver environment uses CentreWare enhanced drivers and you wish to upgrade to CentreWare 5.3, Xerox recommends an enhanced driver upgrade.

To upgrade enhanced drivers to CentreWare 5.3 on a Windows NT, Windows 2000, or Windows .NET server, use the following steps:

1. Delete the current printer object¹ on the server.
2. Install a new printer object^{2,3} on the server.
3. Delete the current printer object on each client.¹
4. At each client, install the new printer object from the server queue.

This document applies to these **Xerox** products:

x	DC 555/545/535 ST
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

PostScript Standard Drivers

To upgrade to a standard driver, delete the old driver and reboot the print server before you install the standard driver.

To upgrade to a standard driver, complete the following steps:

1. Delete the current printer object¹ on the server.
2. Reboot the server.
3. Install a new printer object^{2, 3} on the server.
4. Delete the current print object on each client.¹
5. At each client, install the new printer object from the server queue.

PCL Drivers

When you install a new print server, you can use PCL enhanced or standard drivers. If your current print environment contains significant graphic presentations, created with applications such as Power Point, Xerox recommends you use PCL enhanced drivers.

The PCL enhanced driver contains functionality to address the requirements of most printing environments. In particular, if you typically use booklet, watermark, or fit-to-page features in your print environment you must install the PCL enhanced driver. Booklet, watermark, or fit-to-page features are not available with PCL standard drivers.

If your printer queue currently contains PCL drivers, remove the current printer queue and drivers, then reboot the server before you install the CentreWare 5.3 PCL drivers. Older versions of PCL drivers may compromise network performance and server reliability if they remain in the printer queue after you install CentreWare 5.3 PCL drivers.

To upgrade PCL drivers, complete the following steps:

1. Delete the current printer object¹ on the server.
2. Reboot the server.
3. Install a new printer object^{2, 3} on the server.
4. Delete the current print object on each client.¹
5. At each client, install the new print object from the server queue.

Administering PCL Enhanced Drivers from NT Clients

If your network configuration contains a Windows 2000 server with NT clients⁴, caution is required if document defaults and printer settings are modified. Xerox recommends that all changes to document defaults and printer settings be performed either at the Windows 2000 server or a Windows 2000 client.

3. Window 9x Client Installations

Installing Enhanced Drivers on a Windows NT Server

To upgrade Windows 9x clients to CentreWare 5.3 drivers on a Window NT server, perform the following steps:

1. Delete current the printer object.¹
2. Delete the registry entries.⁵
3. Install a new printer object.^{2, 3}

After you upgrade the Win NT server, perform the following procedure on each client:

1. Delete the current printer object.¹
2. At each client, install the new print object from the server queue.

Installing Enhanced Drivers on a Windows 2000 Server

To upgrade Windows 9x clients to CentreWare 5.3 drivers on a Windows 2000 server, perform the following steps:

1. Delete the Windows 9x driver.⁶
2. Install the printer object.^{2,3}

After you upgrade the Windows 2000 server, perform the following procedure on each client:

1. Delete the current printer object.¹
2. At each client, install the new print object from the server queue.

4. Using Win2000 Drivers with Document Defaults

No document defaults transfer from Windows 2000 server to Windows NT4 clients. WinNT allows the user to change defaults locally if they have Administrator privileges. This is a Microsoft Windows 2000 design limitation that exists with all drivers shared between Windows 2000 servers and Windows NT4 clients.

5. Footnotes

¹ To delete the printer object: right-click on the printer icon in the Printers folder, and select Delete.

² To reinstall a new printer object: select "Replace Driver" when asked to keep or replace the driver. If a new printer object is installed with the same name as a previous printer object, it is necessary to reboot your server to ensure correct print queue installation.

³ No longer applicable.

⁴ If your NT client is configured with a user that has Administrator rights on the Windows 2000 server or domain, and document default settings are changed at the NT client, then network utilization and memory resources will rise and continue rising until they are exhausted. If memory resources are exhausted, then the NT client must be restarted and future document default settings should be configured from either the Windows 2000 server or a Windows 2000 client.

⁵ Delete the appropriate Xerox driver key under the following registry key:
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Print\Environments\Windows 4.0\Drivers\Version-0\

⁶ To upgrade the shared Windows 9x/Me driver, first remove the old driver: open the Printers folder, select File > Server Properties. Select the Drivers tab, highlight and delete the shared Windows 9x/Me driver. To add the new shared Windows 9x driver, return to the Server Properties, and select the Sharing tab.

⁷ No longer applicable.

⁸ The Microsoft Print Migrator tool is available in the *Microsoft Windows NT 4.0 Resource Kit*, supplement four.

Additional Information

Xerox's Document Centre Technical Support Operations welcomes feedback on all DC Tips documentation - send feedback via e-mail to:
USA.DSSC.Doc.Feedback@mc.usa.xerox.com.

Other DC Tips are available at the following URL:
<http://www.xerox.com/DocumentCentreFamily/Tips>.

XEROX®, The Document Company®, the digital X®, and all Xerox product names are trademarks of XEROX CORPORATION. Other trademarks belong to their respective owners.

Copyright © XEROX CORPORATION 2002. All Rights Reserved.

THE DOCUMENT COMPANY
XEROX®