

XEROX®

CentreWare®

Printer Drivers Guide



For Macintosh

Release 6.2

June 10, 2005

Xerox Corporation

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CentreWare Printer Drivers for Macintosh

Xerox CentreWare printer drivers enable printing from a Macintosh workstation to a Xerox DocuSP production system in a network environment. They contain a variety of feature options that enable you to customize your print jobs.

This release of printer drivers provides enhanced support for Xerox DocuSP printers. It also includes Accounting, Watermark, and Booklet printing plug-in modules.

Supported Features

Features supported in this release of the custom OS X printer drivers include Accounting, Named Paper, offsetting, subsets, 2/4 and 2/3 hole punching, folding, binding, booklets, and Watermark.

OS X Printer Drivers

Custom printer drivers are available for OS X (10.3 and above). The printer drivers consist of a disk image file (.DMG) which includes the following components:

- Custom PostScript Printer Description files (PPDs)
- Filters
- Plug-ins (Printer Dialog Extension/PDEs)

OS 9 PPDs

There are no custom printer drivers available for OS 9 in this release. Generic Printer Description files (PPDs) are provided for OS 9 which can be used with Adobe PostScript 8.x and Apple LaserWriter 8.x printer drivers.


Documentation

The Xerox printer drivers include the following documentation, designed to get you up and running quickly and easily.

CentreWare Printer Drivers Guide for Macintosh

The guide is intended for administrators who install and configure printer drivers. It is available on the *CentreWare Printer Drivers CD* in electronic (PDF) format. You can download a free Acrobat Reader for viewing PDF files from Adobe at www.adobe.com.

Help

OS X has a fully-featured help system that is accessed by choosing **Help** from the Macintosh Help menu or clicking the  help buttons on the printer driver dialogs.

Support

Support for your Xerox printer drivers is available both online and by telephone.

Internet Support

Please visit the Xerox Web site (www.Xerox.com) for product support information, product overviews, updates, and links to specific product sites. Printer drivers and PPDs can also be downloaded by clicking **Support & Drivers**.

Telephone Support

For additional assistance, you may contact the Xerox Welcome Center by telephone to speak with a Product Support Analyst. Locate your product's serial number, and record it in the space below for future reference before you make your call.

Xerox System Serial Number

The Xerox Welcome Center telephone numbers are listed in the following table. If the Welcome Center telephone number for your country is not listed, it will be provided to you when your Xerox system is installed. For future reference, please record the telephone number in the space provided below.

Welcome Center Telephone Numbers	
UNITED STATES	800-821-2797
UNITED STATES (TTY)	800-855-2880
CANADA	800-939-3769 (800-93-XEROX)

Additional Tips

Additional tips and technical information for printer drivers are available at the Xerox Web site. Click **Support & Drivers**, then locate your product and access the User Documentation section. The documents listed in this section cover specific issues that may require special procedures or application notes regarding the operation and configuration of your Xerox system.



Installing OS X Custom Printer Drivers

The *CentreWare Printer Drivers* CD contains a variety of disk image (.DMG) files that support printing to Xerox systems from Macintosh workstations running OS X versions 10.3 (Panther) and above.

This chapter explains how to install the printer drivers for a Xerox system.

What's in this chapter:

- *Installing Printer Drivers*..... 2-2
- *Removing Custom Printer Drivers*..... 2-3

Installing Printer Drivers

Custom printer drivers for OS X consist of the following elements:

PPD—a PostScript Printer Description file is a readable text file that provides a uniform approach for specifying special features and installable options for printer drivers that interpret PostScript.

PDE—a Printer Dialog Extension is used for printers with features that the standard Macintosh interface does not support.

Filters—a filter or converter that accepts input in one format and converts it into another format that the printer can interpret.

Printer drivers for OS X combine these elements into one disk image file (.DMG) that contains package (.mpkg) files. An installer provided by Xerox is used to install the printer driver elements.

NOTE: Installing printer drivers on a Macintosh running OS X requires administrator privileges with Root access.

► To install printer drivers in OS X:

- 1 If applicable, remove any previous versions of the printer drivers you are installing. See *Removing Custom Printer Drivers* on page 2-3 for the procedure.
- 2 Browse the *CentreWare Printer Drivers* CD to locate the .DMG (disk image file) for the printer driver. The drivers are located in `/drivers/Mac/OSX_custom/Custom_<printer model>_Xv10.x`.
- 3 Double-click the .DMG icon. A virtual disk image is created on the desktop which is automatically opened to a .mpkg file (installer file). This file will install the PPD, filters, and plug-ins associated with the printer you want to install and configure.
- 4 Double-click the .mpkg icon and follow the instructions in the installer. Click **Continue** at the prompts to proceed with the installation. When you are prompted to install the driver, click **Install**.

The printer driver files are copied to the following folders:

`/Library/Printers/Xerox/filter`

`/Library/Printers/Xerox/PDEs`


`/Library/Printers/PPDs/Contents/Resources/<language>.lproj`

After installation, the printer driver is available for configuring with the Macintosh Printer Setup Utility.

Removing Custom Printer Drivers

Removing OS X printer drivers is done by manually deleting a printer and its plug-in files from the workstation. Always remove existing Xerox systems and plug-ins prior to installing new/updated versions.

► **To remove Xerox printer drivers in OS X:**

- 1 Open the Printer Setup Utility. The Printers List appears.
- 2 Select the Xerox system that you want to remove and click  **Delete**.
- 3 Exit the Printer Setup Utility.
- 4 From the */Library/printers/Xerox/PDEs* folder, remove the plug-in files (.plugin) associated with the Xerox system being removed.

NOTE: Plug-ins for Xerox printers have filenames such as *XeroxAccounting.plugin*, *XeroxBooklet.plugin* or *XeroxWatermark.plugin*. If you are not removing all Xerox printers, be careful not to remove plug-ins used by an active printer.

- 5 Empty the Trash.



About OS X Printer Drivers

Macintosh OS X printer drivers for Xerox DocuSP systems provide the printing tools to help save you time and increase your productivity. These drivers offer many feature options for you to easily choose how your document will look and print.

What's in this chapter:

- *Custom Driver Features* 3-2
- *Dialogs* 3-3
- *Driver Help System* 3-4

Custom Driver Features

OS X printer driver features are contained in the Xerox Features pop-up menu. The features are arranged on the following dialogs: Paper/Output, Special Pages, Job Notes, Image Options, Layout, Watermark, and Advanced.

NOTE: Some printer driver features are only supported by specific printers or finishers and are not available on all Xerox systems.

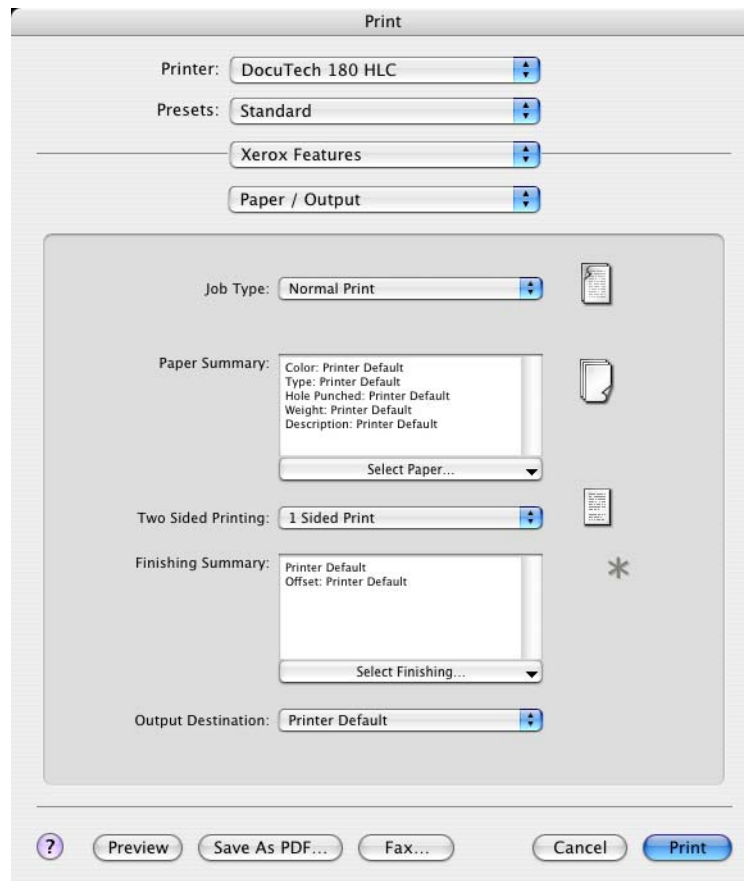


Figure 3-1: Printer Driver Dialog

The features on the dialogs are organized for your convenience with the most frequently used options available to you when you open the driver. Icons appear next to key features so that you can quickly locate them.

Dialogs

Printer driver dialogs are accessed through your application's print dialog. Changes to the features apply to the open document and application, and are temporary.

Paper/Output

The *Paper/Output* dialog includes the most frequently used features. For example, you can choose two sided printing or a specific media on which to print. The Paper/Output dialog also contains finishing options, which may include—depending on the type of finisher you have installed—Collate, Staple, Fold, Booklet Creation, Slip Sheets, Binding or Hole Punch options.

Special Pages

The *Special Pages* dialog includes features for adding Covers, Inserts, and Exceptions to your print document.

Image Options

The *Image Options* dialog groups together features that are related to image manipulation, such as Resolution, Lighten/Darken or Invert Image.

Job Notes

The *Job Notes* dialog includes features for adding special transmission information and processing messages to a print job.

Layout

The *Layout* dialog includes features for page layout, such as Booklet Layout.

Watermark

The *Watermark* dialog contains features for creating and printing watermarks. The Watermark Editor, which enables you to create and customize text or graphic watermarks, is accessed from this dialog.


Advanced

The *Advanced* dialog includes features that infrequently change once the options are set, such as Banner Sheet and Request Set Offset.

Accounting

The *Accounting* dialog contains the Xerox Standard or Xerox Network Accounting options. This dialog is accessed from the top pop-up menu (the same as *Xerox Features*) in your application's printer driver dialog.

Driver Help System

The Help system is the primary source for information about using the printer drivers. Access help by clicking the  Help button in the driver dialog. Help contains information about each of the features available in the printer drivers.



Installing PPDs In OS 9

The *CentreWare Printer Drivers* CD contains Xerox PostScript Printer Description (PPD) files that support printing to Macintosh workstations running OS 8.6 through OS 9. An appropriate Xerox PPD is required for sending jobs to Xerox production systems using the AdobePS or LaserWriter printer driver.

The CD also contains tools that support printing to Xerox production systems. These tools include the Adobe PostScript printer driver and the Xerox Job Ticket PlugIn.

What's in this chapter:

- *Workstation Requirements* 4-2
- *Installing Generic PPDs* 4-3
- *Configuring Generic PPDs* 4-4
- *Installing Other Tools* 4-5
- *Configuring Printers Using the Desktop Printer Utility* 4-7
- *Removing Printers and PPDs* 4-8

Workstation Requirements

The following are the minimum system requirements for OS 8.6-OS 9.x Macintosh workstations.

NOTE: The Xerox Macintosh DocuSP printer drivers will not operate on Macintosh 68K computers.

- 4 MB of memory
- Approximately 6.2 MB of hard disk space:
- 2.1 MB disk space for the AdobePS printer driver
- 500 KB disk space for each PPD and plug-in to be installed
- CD-ROM drive or access to a network
- OS 8.6-OS 9.x operating system
- Additional software requirements based on workstation platform as stated in the *Read Me First* file on the *CentreWare Printer Drivers* CD. The *Read Me First* document is located in the `/Drivers/Mac/OS9.x_Custom/<language>/printer_model/<AdobePS Driver/<AdobePS` folder.

Installing Generic PPDs

NOTE: There is no installer for generic PPDs. The files must be manually copied to the appropriate folder.

A PostScript Printer Description (PPD) file is a readable text file that provides a uniform approach for specifying special features for printer drivers that interpret PostScript. Xerox PPD files must be installed for every production printer model used in OS 8.6-OS 9 environments. An appropriate Xerox PPD is necessary to send jobs to the DocuSP printer using the AdobePS or LaserWriter printer driver.

► To install PPDs in OS 8.6-9.x environments:

- 1 Select the Xerox PPDs that match the printers being installed from the `/Drivers/Mac/OS9.x_Custom/<language>/<printer_model>/GenericPPD_<printer_model>_Mac` folder on the *CentreWare Printer Drivers* CD.

NOTE: For example, the English PPDs for the DocuColor 8000 are located in the `/Drivers/Mac/OS9.x_Custom/English/GenericPPD_8000_7000_5252_2045_2060_6060/GenericPPD_8000_7000_5252_2045_2060_6060_Mac` folder.

- 2 Copy the files to the following directory on the Macintosh hard drive:
`[HD]:/System Folder/Extensions/Printer Descriptions`
The PPD is available for configuration.

Configuring Generic PPDs

► To set up generic PPDs in OS 8.6-9.x environments:

- 1 In the Apple *Chooser*, select the AdobePS printer driver.
- 2 Ensure that the appropriate AppleTalk zone is selected. If the computer is connected to a network with only one zone, there will not be any zones available.
- 3 In the *Select a PostScript Printer* list, select the AppleTalk name for the Xerox system.
- 4 Click **Create**. In the dialog that opens, select a PPD for the Xerox system.
- 5 Click **Select**.
- 6 Click **Setup** and select the PPD for the Xerox system if the correct filename is not displayed.
- 7 Click **Configure**.
- 8 Use the Installable Options list to select the hardware options available on the printer.
- 9 Click **OK** twice to return to the *Chooser*.
- 10 Close the *Chooser*. A new printer icon appears on the Desktop.
- 11 Open a document and select **File > Print** to test the connection.

Installing Other Tools

This section describes the procedures for installation and configuration of the AdobePS PostScript printer driver and Xerox Job Ticket PlugIn using the *CentreWare Printer Drivers* CD.

To install from the Web, access www.xerox.com.

NOTE: Installation of the AdobePS printer driver requires agreement with the Adobe license and registration conditions. The installer displays the license and requests agreement before proceeding.

Adobe PostScript Driver

The following Macintosh Adobe PostScript drivers are supported:

- AdobePS Native with PPD
- AdobePS Native with PPD and Xerox Job Ticket PlugIn

The printer drivers are located in separate folders within the */Drivers/Mac/OS9.x_Custom/<language>/<printer model>* folder on the *CentreWare Printer Drivers* CD.

Installing the AdobePS Driver

Ensure that the printer driver to be installed is available either locally or on a mounted network drive. If installing from a CD-ROM, double-click the CD icon when it is displayed on the Desktop.

► **To locate and execute the printer driver installation file:**

- 1 From the CD, open the */Drivers/Mac/OS9.x_Custom/<language>/<printer model>* folder.
- 2 Open the *AdobePS Driver* folder.
- 3 Open the *AdobePS* folder.
- 4 Double-click the AdobePS Installer icon.
- 5 On the Adobe PostScript Driver screen, click **Continue**.
- 6 Click **Accept** on the license screen. The Adobe Installer screen is displayed.
- 7 Click **Install** to perform the installation. The AdobePS driver is installed.
- 8 Click **Continue** if you want to install additional drivers.
- 9 When the installation is complete, click **Quit** to exit the installation program.

Installing the Xerox Job Ticket PlugIn

The Xerox Job Ticket PlugIn is not required to print to a Xerox production printer; however, the plug-in is required to utilize the production printer's full feature set.

► To install the Xerox Job Ticket PlugIn:

- 1 On the Macintosh hard drive, open the *System Folder*.
- 2 Open the *Extensions* folder.
- 3 Open the *Printer Descriptions* folder.
- 4 From the *CentreWare Printer Drivers* CD, open the */OS9.x_Custom/<language>/<printer_model>/* folder.
- 5 Open the *AdobePS Plugin* folder.
- 6 Select the Xerox Job Ticket PlugIn icon.
- 7 Copy the Xerox Job Ticket PlugIn icon to the *[HD]:/System Folder/Extensions/Printer Descriptions* folder.
- 8 Use the Adobe Desktop Printer Utility to configure the printer.

Configuring Printers Using the Desktop Printer Utility

After installing the AdobePS driver, PPDs, and Xerox Job Ticket PlugIn, use the Adobe Desktop Printer Utility to set up and configure the printers for use with applications.

► To configure a printer:

- 1 On the Macintosh hard drive, open the *Adobe PS Components* folder.
- 2 Open the Desktop Printer Utility. The *New Desktop Printer* dialog box appears.
 - If the Desktop Printer Utility does not open to a new printer dialog box, select **File > New** from the pull-down menus on the workstation menu bar.
- 3 From the *With* pop-up menu, select **AdobePS**.
- 4 In the *Create Desktop...* scrolling list, select either **Printer (AppleTalk)** or **Printer (LPR)**, depending on which protocol the network is using. Select **OK**.
- 5 Click the **Change** button associated with *PostScript Printer Description (PPD) File* to select a PPD.
- 6 Scroll to the bottom of the printer list, and select the appropriate Xerox printer.
- 7 Click **Select**.
- 8 Close the Desktop Printer Utility.
- 9 Click the desktop printer icon to select the printer as the system default.
- 10 Open an application and print a document to test the printer.

Removing Printers and PPDs

Uninstalling printers and PPDs requires manually removing them from the system. Always remove existing printers/PPDs prior to installing new versions.

► To uninstall printers and PPDs:

- 1 In the Apple *Chooser*, and ensure that the printer to be deleted is not the default printer.
- 2 Drag the desktop icon for the printer to be deleted to the Trash.
- 3 Open the *System Folder* and double-click *Printing Plug-ins*. Locate the files specific to the Xerox production system or to the AdobePS driver.
- 4 Select the files to be removed and drag them to the Trash.
- 5 Open the */Extensions/Printer Descriptions* folder, and select the PPD files for the Xerox system.
- 6 Drag the file to the Trash.
- 7 If there is a *Xerox Printing Preferences* file in the *Preferences* folder, drag that icon to the Trash.
- 8 Empty the Trash.
- 9 Restart the workstation.



Problem Solving

Application, device, and network errors can occur in a variety of printing situations. In many cases, simply restarting the application, the workstation, or the printer will resolve the problem.

What's in this chapter:

- *Troubleshooting a Problem* 5-2

Troubleshooting a Problem

When a problem persists, document the error messages and gather information to define the problem. The following problem-solving procedures are recommended:

- Accurately define the problem. When, where, and how does the problem occur?
- Reproduce the problem. Can the problem be reproduced consistently or is it an intermittent problem?
- Ask other users if they have encountered the problem, and keep a log to track problem occurrences.
- Examine the data for trends and the common attributes that may be related to the problem. For example, does the problem occur only with a specific printer or on a specific workstation/network configuration?
- Review the product documentation, including the README files and the Problem Solving topics, to see if any similar problems are documented.

If a cause and solution to the problem cannot be identified, call the Xerox Welcome Center to report the error information. Provide the support representative with the documentation that you have gathered to define the problem.

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