



Xerox EX Print Server, Powered by Fiery® for the Xerox Color 1000 Press

Welcome



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WELCOME


This *Welcome* document provides system requirements and an overview of how to set up the Xerox EX Print Server, Powered by Fiery for the Xerox Color 1000 Press so that you can begin printing. It describes the initial tasks you must perform and points you to sections in the user documentation where the procedures are described in detail. This document also provides a description of the user documentation on the User Documentation CD and instructions on printing documents.

This document assumes that you have already installed the press components. Details about the press, network, remote computers, software applications, and Microsoft Windows are beyond the scope of this document.

Terminology and conventions

This document uses the following terminology and conventions.

Term or convention	Refers to
Aero	EX Print Server (in illustrations and examples)
EX Print Server	Xerox EX Print Server, Powered by Fiery for the Xerox Color 1000 Press
Mac OS	Apple Mac OS X
Press	Xerox Color 1000 Press
Titles in <i>italics</i>	Other documents in this set
Windows	Microsoft Windows XP, Windows Vista, Windows Server 2003/2008, Windows 7
	Topics for which additional information is available by starting Help in the software
	Tips and information
 WARNING	A warning concerning operations that may lead to death or injury to persons if not performed correctly. To use the equipment safely, always pay attention to these warnings.

Term or convention	Refers to
 CAUTION	A caution concerning operations that may lead to injury to persons if not performed correctly. To use the equipment safely, always pay attention to these cautions.
IMPORTANT	Operational requirements and restrictions. Be sure to read these items carefully to operate the equipment correctly, and avoid damage to the equipment or property.

About the documentation

This document is part of a set provided to users and system administrators of the EX Print Server on the User Documentation CD, in PDF (Portable Document Format). These files can be viewed online from your computer or printed using Adobe Reader. When viewed online, these files contain links and cross-references that allow you to quickly and easily locate needed information.

The following comprise the documentation set for your EX Print Server:

- *Welcome* provides an introduction to the EX Print Server and the user documentation.
- *Configuration and Setup* explains configuration and administration of the EX Print Server for supported platforms and network environments. It also includes guidelines for providing printing services to users.
- *Printing* describes how to install the printer drivers on Windows and Mac OS computers, establish printing connections for different networks, and print from users' computers. This document describes print options and features that you access from the printer driver, Command WorkStation job overrides, and Hot Folders job properties.
- *Utilities* describes how to install, configure, and use the software utilities included on the User Software DVD.
- *Color Printing* explains how to manage color output on the EX Print Server. This document provides information about color, including how to calibrate the EX Print Server and set color print options from Windows and Mac OS computers.
- *Fiery Graphic Arts Package* addresses the specific needs and requirements of graphic arts professionals and commercial print shops. It explains the Fiery Graphic Arts Package (FGAP) and FGAP Premium Edition features.
- *Fiery Color Reference* provides an overview of color management concepts and workflows, and describes how to manage color from various applications.
- *Workflow Examples* explains complicated printing scenarios and provides cross-references to relevant information in the documentation set.

- *Variable Data Printing* supplements the information in *Workflow Examples* with reference information about VDP (variable data printing). This document provides an overview of FreeForm and where to set FreeForm options.
- *Customer Release Notes* provide last-minute product information and workarounds for some of the problems you may encounter.

Installing user documentation

NOTE: You can install user documentation directly from the User Documentation CD. You can view user documentation from the CD or copy the language folder that you want to your desktop. If you copy the files to your computer, keep all the files in the language folder. Do not rename the files, or the cross-reference links will not work properly.

To INSTALL USER DOCUMENTATION ON A CLIENT COMPUTER FROM THE USER DOCUMENTATION CD

1 Insert the User Documentation CD into the CD-ROM drive.

The contents of the CD are displayed. On Mac OS X, the disk icon is displayed and you must click it to display the contents of the CD.

2 Browse to the language folder that you want to access.

You can then choose to copy the documents that you want to your hard disk drive, or if there is an Acrobat link inside the folder, click the Acrobat link to download the documentation from the Internet.

Viewing user documentation

View or print the PDF files provided using Reader or Acrobat. For information about installing Reader, visit the Adobe web site. Once you install Reader, double-click a PDF icon to open the file. You can search for a word or phrase across the EX Print Server documentation set by examining all the documents within a specific language folder on the User Documentation CD. For information about using this and other features of Reader, see the Help that accompanies the application.

About Help



Most of the user software, utilities, and printer drivers contain Help that is accessible from Help buttons or the main toolbar menus. Help provides detailed procedures on using the application and, in some cases, provides additional detail. The documentation refers you to Help for more information, as appropriate.

BASIC STEPS TO PRINT

The following section includes a basic workflow for setting up your EX Print Server in order to print documents. It takes you from printing a Configuration page and configuring Setup to installing printer drivers to print a job. Detailed instructions for all of these procedures are found in other documents in the documentation set. For a summary of supported EX Print Server documents, see [page 4](#).

These instructions assume that a service technician has unpacked and connected the EX Print Server and that the EX Print Server and press are powered on. In some cases, initial print device settings may be required (see *Configuration and Setup*).

The following steps assume that you are adding the EX Print Server to a TCP/IP network that includes Windows XP user computers. Although this example is specific to a Windows XP TCP/IP environment, users in other computer environments may also benefit from these instructions.

Step 1

Print a Configuration page from the Fiery Advanced Controller Interface

Print the Configuration page and note the available setup options. You will define the EX Print Server name and IP address in “Step 2” on page 8. When you perform EX Print Server Setup and install the printer driver, you will need to reference this information.

- 1 **Right-click the FieryBar at the top of the EX Print Server monitor, and choose Print Pages.**

The Print Pages submenu displays the list of available EX Print Server pages.

- 2 **Choose Configuration from the submenu.**
- 3 **The EX Print Server sends the selected page to the press.**



- 4 **Review the default EX Print Server settings on the printed Configuration page and determine if they are compatible with your network environment.**

If you change these settings, print another Configuration page to verify the changes.

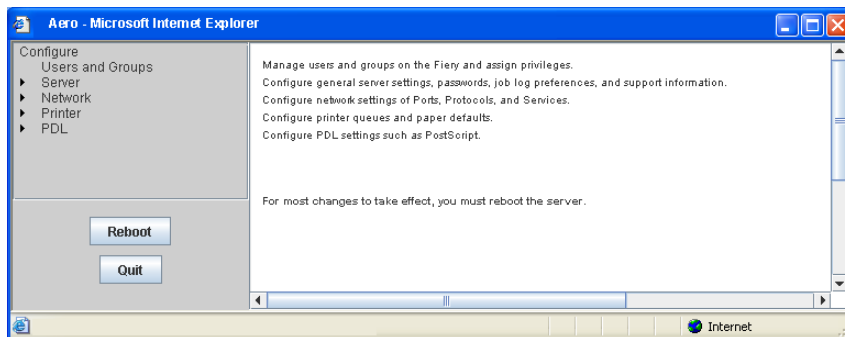
Step 2

Set up the EX Print Server with Configure

1 Access Configure in any of the following ways:

- Start your Internet browser and type the EX Print Server IP address, click the Configure tab, click Launch Configure, and log on with Administrator privileges.
- Start Command WorkStation, Windows Edition, log on with Administrator privileges, and choose Setup from the Server menu.

The Setup window appears.



2 Perform Server, Network, and Printer Setup, in that order.

If your network uses DHCP, the EX Print Server acquires the IP address automatically. Otherwise, type the EX Print Server IP address.

3 Click Save.

Print a Configuration page to confirm changes to Setup (see [Step 1](#)).

For information about setting up the EX Print Server on a different network, see [Configuration and Setup](#).

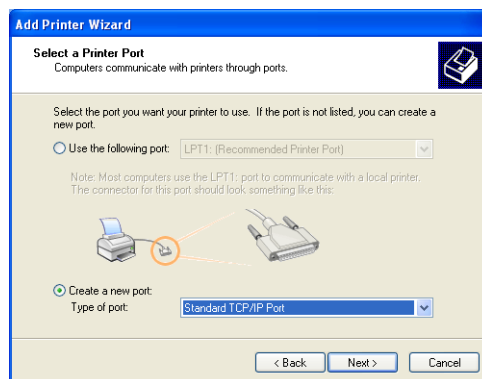
Step 3

Install PostScript printer drivers on user computers for TCP/IP printing

NOTE: This method of installation uses Port 9100. The Port 9100 queue (default is Print) is defined by the administrator. To allow users to print to a different queue, the administrator must define the queue in EX Print Server Setup from Configure. For more information, see [Printing](#).

From a user's Windows XP computer:

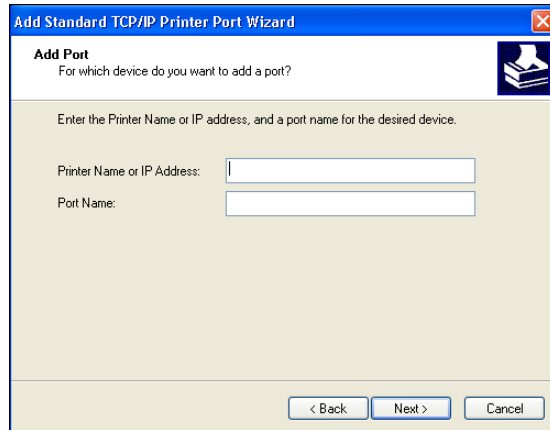
- 1 Click Start and choose Printer and Faxes.
- 2 Click Add a printer.
- 3 Click Next.
- 4 Select "Local printer attached to this computer" and click Next.
- 5 Select Create a new port, choose Standard TCP/IP Port, and then click Next.



The Add Standard TCP/IP Printer Port Wizard dialog box appears.

- 6 Click Next.

- 7 Type the EX Print Server IP address or DNS name and click Next.



- 8 Make sure that Generic Network Card is selected as Standard for Device Type and click Next.
- 9 Click Finish.
- 10 Click Have Disk in the dialog box displaying lists of manufacturers and printers.
- 11 Insert the User Software DVD into your computer and browse to the English\Prntdrv\Ps_drvr\Win_2K_XP_VISTA folder.
Make sure that Oemsetup.inf or Oemsetup is selected, click Open, and then click OK.
You can also download printer drivers from the Download WebTool.
- 12 Select the EX Print Server printer driver as your printer and click Next.
- 13 Type a name for the EX Print Server in the Printer name field, indicate whether you want to make it the default printer, and then click Next.
- 14 Select Do not share this printer and click Next.
- 15 Select No to printing a Test Page, click Next, and then click Finish.

The necessary files are installed to your hard disk. When installation is complete, the Printers window appears, with an icon for the newly installed printer.

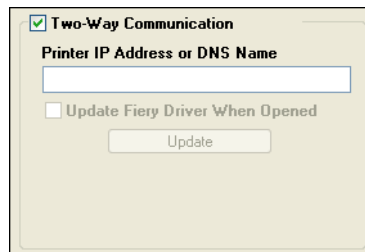
For more information about installing Windows and Mac OS printer drivers, see [Printing](#).

Step 4

Configure the printer driver to include EX Print Server and press installed options

From a user's Windows XP computer:

- 1 Click Start and choose Printers and Faxes.
- 2 In the Printers window, select the EX Print Server printer driver icon.
- 3 Choose Properties from the File menu.
- 4 Click the Installable Options tab.
- 5 Select Two-Way Communication.



- 6 Type the EX Print Server IP address or DNS name.
- 7 Select Update Fiery Driver When Opened to display the printer's current default settings when the printer driver is opened.
- 8 Click Update.

Options such as finishing units that are installed on the EX Print Server are displayed in the printer driver and are available the next time you print a job.

- 9 Click OK.



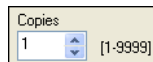
For more information about updating printer driver options, see printer driver Help.

Step 5

Print a job

From a user's Windows XP computer:

- 1 **From your application, choose Print from the File menu.**
- 2 **Select the EX Print Server printer driver and click Properties.**
- 3 **Specify EX Print Server job options, such as Copies and finishing options, and then click OK.**



A screenshot of a 'Copies' dialog box. The title bar says 'Copies'. Inside the box, there is a text field containing the number '1'. To the right of the text field is a small vertical spinner control. Further to the right, the text '[1-9999]' is displayed, indicating the range of possible values.

- 4 **Click OK again.**



After completing the basic steps to print, you may want to explore these additional topics, depending on your printing environment:

- Creating secure user groups and assigning user passwords (see [Configure Help](#))
- Managing and editing jobs submitted to the EX Print Server using utilities such as Command WorkStation (see [Utilities](#) and [Color Printing](#))
- Calibrating your press to simulate a different printing environment or optimize color output (see [Color Printing](#))

System requirements for user computers

To install the EX Print Server user software on a Windows or Mac OS computer, the computer must be equipped with a built-in or external DVD-ROM drive. The following table lists the minimum system requirements.

Minimum requirements for	Windows	Mac OS
Operating system	<p>The following Windows versions (with latest service packs) are supported for printer drivers:</p> <ul style="list-style-type: none"> • Windows 2000 Professional • Windows 2000 Server • Windows 2000 Advanced Server <p>The following Windows versions (with latest service packs) are supported for printer drivers and Fiery applications:</p> <ul style="list-style-type: none"> • Windows XP Home, 32-bit • Windows XP Professional, 32- and 64-bit • Windows Server 2003, Standard Edition, 32-bit • Windows Server 2003, Enterprise Edition, 32-bit • Windows Server 2003, Datacenter Edition, 32-bit • Windows Server 2003 SP1, 64-bit • Windows Vista, Home Basic Edition, 32- and 64-bit • Windows Vista, Home Premium Edition, 32- and 64-bit • Windows Vista, Ultimate Edition, 32- and 64-bit • Windows Vista, Business Edition, 32- and 64-bit • Windows Vista, Enterprise Edition, 32 and 64-bit • Windows Server 2008 and Windows Server 2008 R2, Standard Edition, 32- and 64-bit • Windows Server 2008 and Windows Server 2008 R2, Enterprise Edition, 32- and 64-bit • Windows Server 2008 and Windows Server 2008 R2, Datacenter Edition, 32- and 64-bit • Windows Server 2008 and Windows Server 2008 R2, Web Server, 32- and 64-bit <p>NOTE: Fiery applications are supported on 64-bit operating systems, however they run in 32-bit mode only.</p>	<p>The following Mac OS versions are supported for printer drivers:</p> <ul style="list-style-type: none"> • Mac OS v10.3.9 and later (Power PC Mac OS computers) • Mac OS v10.4 and later (PowerPC and Intel-based Mac OS computers) <p>Mac OS versions supported for Fiery applications:</p> <ul style="list-style-type: none"> • Mac OS v10.4.11 and later (Intel-based Mac OS computers) • Mac OS v10.5.x (PowerPC G5 and Intel-based Mac OS computers) • Mac OS v10.6 (Intel-based Mac OS computers)
HDD required for printing and utilities	500MB available hard disk space for installation (2GB hard disk space recommended for writing full previews of raster files and handling large files)	80MB available hard disk space for installation (500 MB hard disk space recommended for writing full previews of raster files and handling large files)

Minimum requirements for	Windows	Mac OS
Networking protocol	TCP/IP	
Networking protocol for Fiery utilities	TCP/IP	TCP/IP, EtherTalk, and AppleTalk
WebTools	<p>Java-enabled Web browser:</p> <ul style="list-style-type: none"> • Mac OS X: Safari v4.0, Firefox v3.5 • Windows: Internet Explorer 6, 7, and 8, Firefox v3.5 <p>NOTE: Microsoft releases frequent updates to Internet Explorer. Because support cannot be guaranteed for all versions, use the versions specified for best results.</p> <p>A monitor and video memory that supports 16-bit color at a minimum resolution of 800x600</p> <p>A TCP/IP-enabled network and the EX Print Server IP address or DNS name</p> <p>Web Services enabled on the EX Print Server</p>	
Command WorkStation	1.0GHz or greater Pentium 4 processor	1.6GHz or greater
	1GB RAM	
	500MB hard disk space available for application installation	
	2GB hard disk space available for application use	
	A monitor that supports 16-bit color at a minimum resolution of 1024x768	
SeeQuence (Impose and Compose) on Command WorkStation	<p>In addition to requirements for Command WorkStation:</p> <ul style="list-style-type: none"> • Dongle to be installed on USB port for every client workstation • Acrobat/PitStop software 	

Shutting down and restarting the EX Print Server

The following procedures describe how to shut down and restart the EX Print Server when necessary.

TO SHUT DOWN THE EX PRINT SERVER

1 Make sure that the EX Print Server is not receiving, processing, or printing any files.

Wait until no processing or printing jobs appear in the Command WorkStation Active Jobs window, or FieryBar indicates Idle in the RIPping and Printing areas.

If the system has just finished processing, wait at least five seconds after the system reaches Idle before beginning the shutdown procedure.

NOTE: Before you remove the EX Print Server from the network, notify the network administrator.

2 Shut down and turn off the press.

For instructions, see the documentation that accompanies your press.

3 Close all open applications except FieryBar.

4 Choose Shut Down from the Windows Start menu.

5 Select Shut Down and click OK.

Before you access internal components, make sure that all cables are disconnected from the back of the EX Print Server.

TO RESTART THE EX PRINT SERVER

1 Make sure that the EX Print Server is not receiving, processing, or printing any files.

Wait until no processing or printing jobs appear in the Command WorkStation Active Jobs window, or FieryBar indicates Idle in the RIPping and Printing areas.

2 Close all open applications except FieryBar.

NOTE: If you use a USB thumb drive, remove it before rebooting. Otherwise, the EX Print Server does not reboot.

3 Right-click FieryBar and choose Restart Fiery from the menu that appears.

A confirmation message appears.

4 Click OK.

Wait for the EX Print Server software to shut down and restart. You may have to wait one minute or more. FieryBar displays an Exited status while the server is restarting.