

XEROX®

Phaser® 8510/8560MFP



multifunction product

# Advanced Features Guide

Guide des Fonctions Avancées

Guida alle Funzioni Avanzate

Handbuch zu Erweiterten Funktionen

Guía de Características Avanzadas

Guia de Recursos Avançados

Handleiding voor Geavanceerde Functies

Avancerade Funktionsguiden

Руководство по дополнительным функциям

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# Using System Driver Options

# 1

This chapter includes:

- [System Driver Features](#) on page 1-2
- [Selecting Which Paper to Use](#) on page 1-4
- [Printing Multiple Pages to a Single Sheet \(N-Up\)](#) on page 1-5
- [Printing Booklets](#) on page 1-6
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*See also:*

Using the Windows Printer Driver tutorial at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

## System Driver Features

The following table displays many of the Xerox system driver features that are available with specific operating systems. This section includes more information about these features and information about how to select the feature in the driver.

**Note:** For information about installing the scan driver, see [Scanning](#) in the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

Several features listed in the following table may also be used with the scan, copy, and fax functions.

**Note:** For information about using the features and options available with the copy, scan, and fax functions, see [Copying](#), [Scanning](#), and [Faxing](#) in the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

Feature	Windows 98 SE	Windows, 2000, XP, Server 2003	Macintosh OS 9.x	Macintosh OS X, Version 10.2 and 10.3	Macintosh OS X, Version 10.4
Selecting Which Paper to Use (page 1-4)	●	●	●	●	●
Pages Per Sheet (page 1-5)	●	●	●	●	●
Booklet Printing (page 1-6)	●	●		●	●
Color Correction (page 1-8)		●	●	●	●
Black and White Printing (page 1-13)	●	●	●	●	●
Separation Pages (page 1-14)	●	●	●	●	●
Cover Pages (page 1-15)	●	●	●	●	●
Scaling (page 1-17)	●	●	●	●	●
Watermarks (page 1-18)	●	●			
Negative Images (page 1-20)	●		●		
Mirror Images (page 1-20)	●	●	●		
Image Smoothing (page 1-21)	●	●	●	●	●
Black Trapping (page 1-21)	●	●	●	●	●
Custom Sizes (page 1-22)		●	●	●	●

● = Supported feature

○ = Only available when your printer is connected to your computer over a network.

Feature	Windows 98 SE	Windows, 2000, XP, Server 2003	Macintosh OS 9.x	Macintosh OS X, Version 10.2 and 10.3	Macintosh OS X, Version 10.4
Job Completion Notification (page 1-23)	○	○		○	○
Secure Print (page 1-24)	●	●	●	●	●
Proof Print (page 1-24)	●	●	●	●	●
Personal Print (page 1-24)		●	●	●	●
Saved Print (page 1-24)	●	●	●	●	●
Personal Saved Prints (page 1-24)		●	●	●	●
Print With Saved Jobs (page 1-24)		○		○	○

● = Supported feature

○ = Only available when your printer is connected to your computer over a network.



## Selecting Which Paper to Use

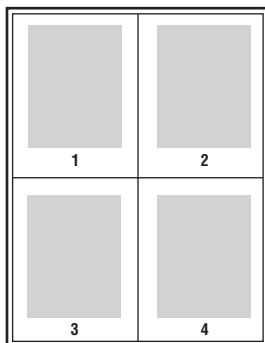
When you send your print job to the system, you can choose to let the system automatically select which paper to use based on your document size and the paper type you select, or you can force the system to use paper from a specific tray.

To select which paper to use from a supported driver:

Operating System	Steps
Windows 98 SE PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Setup</b> tab. The <b>Document Size</b> box displays the paper size chosen in the application you used to create the document.</li> <li>2. Select a particular type of paper or media for the print job from the <b>Paper Type</b> drop-down list.</li> <li>3. Choose one of the following: <ul style="list-style-type: none"> <li>■ Click <b>Let printer select which tray to print from (Recommended)</b> to have the system automatically use a tray loaded with the specified size and type of paper.</li> <li>■ Click <b>Force printing from a specific tray</b>, and then select the tray to use for printing from the list.</li> </ul> </li> </ol>
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Paper/Quality</b> tab. The <b>Document Size</b> box displays the paper size chosen in the application you used to create the document.</li> <li>2. Select a particular type of paper or media for the print job from the <b>Paper Type</b> drop-down list.</li> <li>3. Choose one of the following: <ul style="list-style-type: none"> <li>■ Click <b>Let printer select which tray to print from (Recommended)</b> to have the system automatically use a tray loaded with the specified size and type of paper.</li> <li>■ Click <b>Force printing from a specific tray</b>, and then select the tray to use for printing from the list.</li> </ul> </li> </ol>
Mac OS 9 driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Paper Source</b>.</li> <li>2. From the <b>Paper Source</b> drop-down list, select <b>Auto Select</b> to have the system automatically select the paper to use based on your application settings, or select a specific paper type or tray.</li> </ol>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Paper Feed</b>.</li> <li>2. From the <b>All pages from</b> drop-down list, select <b>Auto Select</b> to have the system automatically select the paper to use based on your application settings, or select a specific paper type or tray.</li> </ol>

## Printing Multiple Pages to a Single Sheet (N-Up)

When printing a multiple-page document, you can print more than one page on a single sheet of paper. Print one, two, four, six, nine, or 16 pages per side.



To print multiple pages on a single sheet of paper in a supported driver:

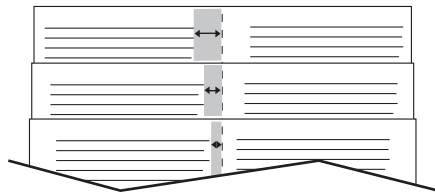
Operating System	Steps
Windows 98 SE PostScript driver	<ol style="list-style-type: none"><li>1. Select the <b>Setup</b> tab.</li><li>2. Click the <b>More Layout Options</b> button.</li><li>3. Select the number of pages per side from the drop-down list. When you print more than one page on a side, you can also print a border around each page.</li></ol>
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"><li>1. Select the <b>Layout</b> tab.</li><li>2. Select the number of pages per sheet from the drop-down list.</li></ol>
Mac OS 9 driver	<ol style="list-style-type: none"><li>1. In the <b>Print</b> dialog box, select <b>General</b>.</li><li>2. Select <b>Layout</b> from the drop-down list.</li><li>3. Select the number of <b>Pages per sheet</b> and <b>Layout direction</b>.</li></ol>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"><li>1. In the <b>Print</b> dialog box, select <b>Layout</b>.</li><li>2. Select the number of <b>Pages per Sheet</b> and <b>Layout Direction</b>.</li></ol>

## Printing Booklets

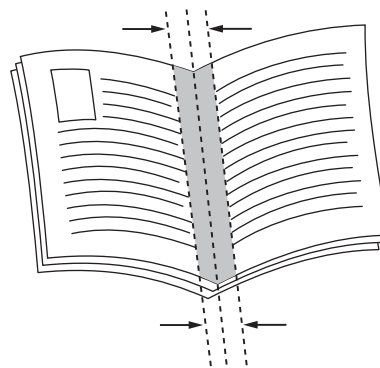
With 2-sided printing, you can print a document in the form of a small book. Create booklets for any paper size that is supported for 2-sided (duplex) printing. The driver automatically reduces each page image and prints four pages per sheet of paper (two on each side). The pages are printed in the correct order so that you can fold and staple the pages to create a booklet.

When you print booklets, you can also specify the *creep* and *gutter* in supported drivers.

- **Creep:** Specifies how much the page images are shifted inward (in 10ths of a point). This compensates for the thickness of the folded paper, which otherwise would cause the page images to shift slightly outward when folded. You can select a value from zero to 1.0 points.
- **Gutter:** Specifies the horizontal distance (in points) between the page images.



**Creep**



**Gutter**

For details about loading paper trays, see [Printing Basics](#) in the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

The following additional booklet printing options are available in some drivers:

- **Print Page Borders:** To print an outline around each page, select **On** from the **Print Page Borders** drop-down list.
- **Target Paper Size:** Specifies the size of the paper for the booklet. For example, to print full size (8.5 x 11 inch) page images select 11 x 17 inch paper for the **Target Paper Size**.
- **Right to Left:** To reverse the order of the pages in the booklet, select **On** from the **Right to Left** drop-down list.

To select booklet printing in a supported driver:

Operating System	Steps
Windows 98 SE PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Setup</b> tab.</li> <li>2. Click the <b>More Layout Options</b> button.</li> <li>3. Select <b>Print Booklet Style</b>.</li> <li>4. If desired, specify the creep and gutter.</li> </ol>
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Layout</b> tab.</li> <li>2. Click the <b>Advanced</b> button.</li> <li>3. Under <b>Document Options</b> and <b>Printer Features</b>, select <b>On</b> for <b>Booklet Layout</b>.</li> <li>4. If desired, specify the creep and gutter.</li> <li>5. If desired, specify the paper size from the <b>Target Paper Size</b> drop-down list.</li> </ol>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"> <li>1. In the <b>Finishing Options</b> dialog box, select <b>Enable Booklet Printing</b>.</li> <li>2. If desired, specify the creep and gutter.</li> <li>3. If desired, specify the paper size from the <b>Target Paper Size</b> drop-down list.</li> </ol>

## Using Color Corrections

This section includes:

- [More Options for Color Corrections](#) on page 1-9
- [Automatic Color Corrections](#) on page 1-11

The Color Correction options provide simulations of different color devices. **Automatic** is the default correction for general image processing. See the following table to determine what option you want to use.

Color Correction	Description	
<b>Automatic</b>	Applies the best color correction to each graphic element: text, graphics, and images.	
<b>Office Color</b>	<b>sRGB Display</b>	Approximates the colors on a CRT computer display.
	<b>sRGB Vivid</b>	Produces brighter, more saturated colors than sRGB Display.
	<b>LCD Display</b>	Approximates the colors on a LCD computer monitor.
	<b>Custom Colors</b>	Uses an RGB custom color correction developed for your system using PhaserMatch software.
<b>Press Match</b>	<b>SWOP Press</b>	Matches Specifications for Web Offset Publications.
	<b>Euroscale</b>	Matches FOGRA glossy paper specification.
	<b>Commercial</b>	Approximates U.S. commercial press target.
	<b>SNAP Press</b>	Matches Specifications for Newsprint Advertising Production.
	<b>ISO Coated</b>	Matches FOGRA 27L specification.
	<b>ISO Uncoated</b>	Matches FOGRA 29L specification.
<b>Custom Colors</b>	Uses a CMYK custom color correction developed for your system using PhaserMatch software.	
<b>None</b>	Applies no color correction. Use with other color management tools, such as ICC (International Color Consortium) profiles, ColorSync, or the PANTONE® Color Chart for your system.	
<b>Black and White</b>	Converts all colors to black and white or shades of gray.	
<b>Use Printer Control Panel Setting</b>	Uses the color correction set in the system. The color correction can be set in the system using either the control panel or the CentreWare software (if available).	

To select the color correction in a supported driver:

Operating System	Steps
Windows 98 SE, Windows 2000, Windows XP, or Windows Server 2003	<ol style="list-style-type: none"> <li>1. Select the <b>TekColor</b> tab.</li> <li>2. Select the desired color correction. Some of the color corrections are grouped under <b>Office Color</b> or <b>Press Match</b>.</li> </ol>
Mac OS 9.x	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>General</b>.</li> <li>2. Select <b>TekColor</b> from the drop-down list.</li> <li>3. Select the desired color correction.</li> </ol>
Mac OS X, version 10.2 and higher	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Image Quality</b> from the drop-down list.</li> <li>2. Select the desired color correction from the <b>Color Correction</b> drop-down list.</li> </ol>

## More Options for Color Corrections

If you need to make additional color adjustments to the color correction you have selected for your job, you can adjust the following sliders throughout the **More Options** selection in a supported driver:

- **Lightness:** Move the slider to the right to lighten or to the left to darken the colors in your print job. (White remains white and black remains black.)
- **Contrast:** Move the slider to the right to increase or to the left to decrease the contrast. With increased contrast, saturated colors become more saturated, darker colors become more black, and lighter colors become more white.
- **Saturation:** Move the slider to the right to increase or to the left to decrease the color intensity without changing the darkness.
- **Cyan/Red:** Move the slider to change the gamma function between cyan and red. Moving the slider to the right increases the cyan and decreases the red (its complement) and vice versa.
- **Magenta/Green:** Move the slider to change the gamma function between magenta and green. Moving the slider to the right increases the magenta and decreases the green (its complement) and vice versa.
- **Yellow/Blue:** Move the slider to change the gamma function between yellow and blue. Moving the slider to the right increases the yellow and decreases the blue (its complement) and vice versa.

**Note:** Select the **Apply to CMYK** check box in the driver to apply the color adjustments when Press Match color corrections are used.

The sample images change as you move the sliders. To track the adjustments, select the **Print Settings on Page** box to print the file name, print-quality mode, and color settings for the job on the edge of the page.

To adjust only the current color correction settings for your job through a supported driver:

---

Operating System	Steps
<b>Windows 2000, Windows XP, or Windows Server 2003</b>	<ol style="list-style-type: none"><li data-bbox="578 359 878 384">1. Select the <b>TekColor</b> tab.</li><li data-bbox="578 396 984 422">2. Select the desired color correction.</li><li data-bbox="578 434 1365 489">3. Click the <b>More Options</b> button to open the <b>Color Adjustment Options</b> dialog box.</li><li data-bbox="578 501 1203 527">4. Make the desired adjustments to the sliders for your job.</li><li data-bbox="578 539 1260 564">5. If desired, select <b>Apply to CMYK</b> or <b>Print Settings on Page</b>.</li><li data-bbox="578 577 1325 632">6. Click the <b>OK</b> button to save your changes in the <b>Color Adjustment Options</b> dialog box.</li></ol>
<b>Mac OS X, version 10.2 and higher</b>	<ol style="list-style-type: none"><li data-bbox="578 653 1344 678">1. In the <b>Print</b> dialog box, select <b>Image Quality</b> from the drop-down list.</li><li data-bbox="578 690 984 716">2. Select the desired color correction.</li><li data-bbox="578 728 1057 753">3. If desired, select <b>Print Settings on Page</b>.</li><li data-bbox="578 766 1357 821">4. Click the <b>More Options</b> button to open the <b>Color Adjustments</b> dialog box.</li><li data-bbox="578 833 1203 858">5. Make the desired adjustments to the sliders for your job.</li><li data-bbox="578 871 976 896">6. If desired, select <b>Apply to CMYK</b>.</li><li data-bbox="578 909 1341 963">7. Click the <b>OK</b> button to save your changes in the <b>Color Adjustments</b> dialog box.</li></ol>

---

## Automatic Color Corrections

The **Automatic** color correction selection applies the best color correction to each element (text, graphics, and images) in your job. You can also select the color table the system uses for these elements.

The system uses the following color tables:

Automatic Color Setup Tab	Description	Default Color Table Used
<b>Office Color</b>	Controls the RGB color adjustments.	sRGB Display
<b>Press Match</b>	Controls the CMYK color adjustments.	Commercial Press
<b>Spot Color</b>	Controls spot color matching.	Spot Color

**Note:** The **Spot Color** tab has an option to allow the system to manage spot colors. This option is selected by default; click to remove the check mark and disable the option.

To use the default color table associated with a particular element on the tab, you can select **Automatic** or click the **Reset** button.

You can make additional color adjustments to the lightness, contrast, saturation, cyan/red gamma function, magenta/green gamma function, and yellow/blue gamma function used for a particular element.



To adjust the **Automatic** color correction in a supported driver:

Operating System	Steps
Windows 2000, Windows XP, or Windows Server 2003	<ol style="list-style-type: none"><li>1. Select the <b>TekColor</b> tab.</li><li>2. Select the <b>Automatic</b> color correction.</li><li>3. Click the <b>Advanced Setup</b> button to open the <b>Automatic Color Setup</b> dialog box.</li><li>4. On the <b>Office Color</b>, <b>Press Match</b>, and <b>Spot Color</b> tabs of the dialog box, make the desired changes to the selections for <b>Text &amp; Graphics</b> and <b>Images</b> drop-down lists.</li><li>5. If more adjustments are needed for an element, click the <b>More Options</b> button, make adjustments to the sliders in the <b>Color Adjustment Options</b> dialog box, and then click the <b>OK</b> button.</li><li>6. Click the <b>OK</b> button to save your changes in the <b>Automatic Color Setup</b> dialog box.</li></ol>
Mac OS X, version 10.2 and higher	<ol style="list-style-type: none"><li>1. In the <b>Print</b> dialog box, select <b>Image Quality</b> from the drop-down list.</li><li>2. Select <b>Automatic</b> from the <b>Color Correction</b> drop-down list.</li><li>3. Click <b>Automatic Color Setup</b>.</li><li>4. On the <b>Office Color</b>, <b>Press Match</b>, and <b>Spot Color</b> tabs, make the desired changes to the selections for <b>Text &amp; Graphics</b> and <b>Images</b> drop-down lists.</li><li>5. If more adjustments are needed for an element, click the <b>More Options</b> button after that element, make adjustments to the sliders in the <b>Color Adjustments</b> dialog box, and then click the <b>OK</b> button.</li></ol>

## Printing in Black and White

If you want your output in black, white, and shades of gray, you can select **Black & White** in a supported printer driver:

Operating System	Steps
Windows 98 SE, Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"><li>1. Select the <b>TekColor</b> tab.</li><li>2. Select <b>Black &amp; White</b>.</li></ol>
Mac OS 9 driver	<ol style="list-style-type: none"><li>1. In the <b>Print</b> dialog box, select <b>Print Quality/Color 1</b>.</li><li>2. Select <b>Black &amp; White</b> from the <b>Color Correction</b> drop-down list.</li></ol>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"><li>1. In the <b>Print</b> dialog box, select <b>Image Quality</b> from the drop-down list.</li><li>2. Select <b>Black and White</b> from the <b>Color Correction</b> drop-down list.</li></ol>

## Selecting Black and White for PCL Drivers

The PCL driver does not contain the black and white color setting. If you are using a PCL driver, you must select **Black & White** on the control panel:

1. Press the **System** button.
2. Select **Job Defaults Setup**, and then press the **OK** button.
3. Select **Print Defaults Setup**, and then press the **OK** button.
4. Select **PCL Setup**, and then press the **OK** button.
5. Select **Color Mode**, and then press the **OK** button.
6. Select **Black & White**, and then press the **OK** button.

**Note:** Changing the color mode to **Black & White** on the control panel affects all print jobs. Ensure the color mode is set back to color when your print job is finished.

## Printing Separation Pages

A *separation page* (a divider page or slipsheet) can be inserted after a print job, between copies of a print job, or between individual pages of a print job. Specify the tray to use as the source for the separation pages.

To specify separation pages in a supported driver:

Operating System	Steps
Windows 98 SE, Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Output Options</b> tab.</li> <li>2. Under <b>Separation Pages</b>, select the location of the separation pages.</li> <li>3. Select the tray to use for the separation pages from the <b>Source</b> drop-down list.</li> </ol>
Mac OS 9 driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Advanced Options</b> from the drop-down list.</li> <li>2. Select the tray to use for the separation pages from the <b>Separation Page Source</b> drop-down list.</li> <li>3. Select the Separation Page from the drop-down list.</li> </ol>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Printer Features</b> from the drop-down list.</li> <li>2. Under <b>Paper Feed Options</b>, select <b>Last Page Paper Source</b> drop-down list, and then select the tray to use for the separation pages.</li> </ol>

## Printing Cover Pages

A cover page is the first or last page of a document. The system enables you to choose a different paper source for the cover page than for the body of a document. For instance, use your company letterhead for the first page of a document, or use card stock for the first and last pages of a report.

- Use any applicable paper tray as the source for printing cover pages.
- Verify that the cover page is the same size as the paper used for the rest of your document. If you specify a different size in the driver than the tray you select as a cover pages source, your cover(s) print on the same paper as the rest of your document.

You have several choices for cover pages:

- **None:** Prints the first and last pages of your document from the same tray as the rest of your document.
- **First:** Prints the first page on paper from the specified tray.
- **First and Last:** Prints the first and last pages on paper from the specified tray.

Cover Page	Print Option	Pages Printed on Cover
First	1-sided printing	Page 1
	2-sided printing	Pages 1 and 2
Last	1-sided printing	Last page
	2-sided printing (odd-numbered pages)	Last page
	2-sided printing (even-numbered pages)	Last two pages

For the back of your front cover to remain blank when 2-sided printing, page two of your document must be blank. For the back cover of your document to remain blank, see the following table for inserting blank pages.

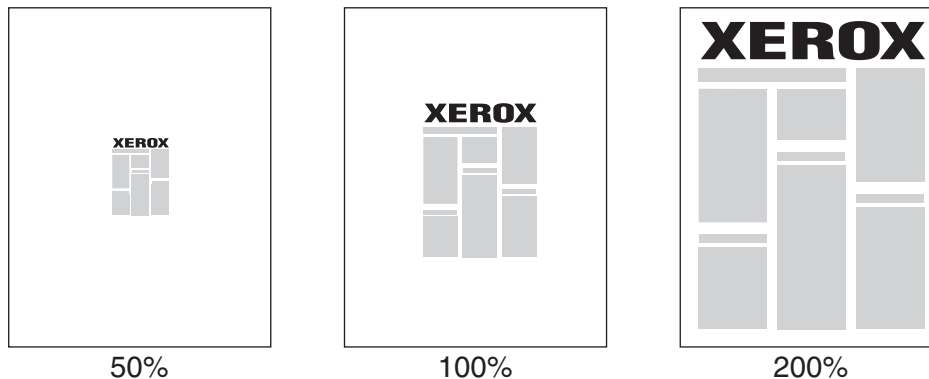
Print Option	Last Page of Text	Blank Pages
1-sided printing		Add one blank page at the end of the document.
2-sided printing	Odd-numbered	Add two blank pages at the end of the document.
	Even-numbered	Add one blank page at the end of the document.

To select cover pages in a supported driver:

Operating System	Steps
Windows 98 SE PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Output Options</b> tab.</li> <li>2. Under <b>Cover Pages</b>, select <b>First Page Only</b> or <b>First and Last Pages</b>.</li> <li>3. Select the tray to use for the covers from the <b>Source</b> drop-down list.</li> </ol>
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Paper/Quality</b> tab.</li> <li>2. Under <b>Cover Pages</b>, select <b>First</b> or <b>First &amp; Last</b>.</li> <li>3. Select the tray to use for the covers from the <b>Source</b> drop-down list.</li> </ol>
Mac OS 9 driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>General</b>.</li> <li>2. Select <b>First Page From</b>, and then select the tray from the drop-down list.</li> <li>3. Under <b>Print Cover Pages</b>, select <b>Before Document</b> or <b>After Document</b>.</li> <li>4. Under <b>Cover Page Paper Source</b>, select the tray to use for the covers from the drop-down list.</li> </ol> <p><b>Note:</b> For booklet printing, the cover page needs to be selected as the <b>Last Page Paper Source</b>.</p>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Paper Feed</b>.</li> <li>2. Select <b>First page from</b>, and then select the tray to use for the covers.</li> <li>3. Under <b>Paper Feed Options</b>, select the tray to use for the cover pages from the <b>Last Page Paper Source</b> drop-down list.</li> </ol> <p><b>Note:</b> For booklet printing, the cover page needs to be selected as the <b>Last Page Paper Source</b>.</p>

## Scaling

You can reduce or enlarge your page images when they are printed by selecting a scaling value between 25 and 400 percent. The default is 100 percent.

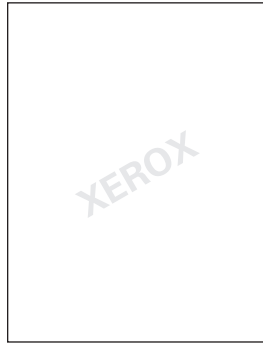


To select scaling in a supported driver:

Operating System	Steps
Windows 98 SE PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Setup</b> tab.</li> <li>2. Click the <b>More Layout Options</b> button.</li> <li>3. Specify the percentage to scale in the <b>Percentage</b> box.</li> </ol>
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Layout</b> tab.</li> <li>2. Click the <b>Advanced</b> button.</li> <li>3. Under <b>Graphic</b>, select the desired percentage for <b>Scaling</b>.</li> </ol>
Mac OS 9, Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"> <li>1. Select <b>File</b>.</li> <li>2. Select <b>Page Setup</b>.</li> <li>3. Specify the percentage in the box for <b>Scale</b>.</li> </ol>

## Printing Watermarks

A watermark is additional text that can be printed across one or more pages. For example, terms like Draft and Confidential, which you might stamp on a page before distribution, can be inserted with a watermark.



In some Windows drivers you can:

- Create a watermark.
- Edit an existing watermark's text, color, location, and angle.
- Place a watermark on either the first page or every page in a document.
- Print a watermark in the foreground or background or blend with the print job.

**Note:** Not all applications support watermark printing.

To select, create, and edit watermarks using a supported Windows driver:

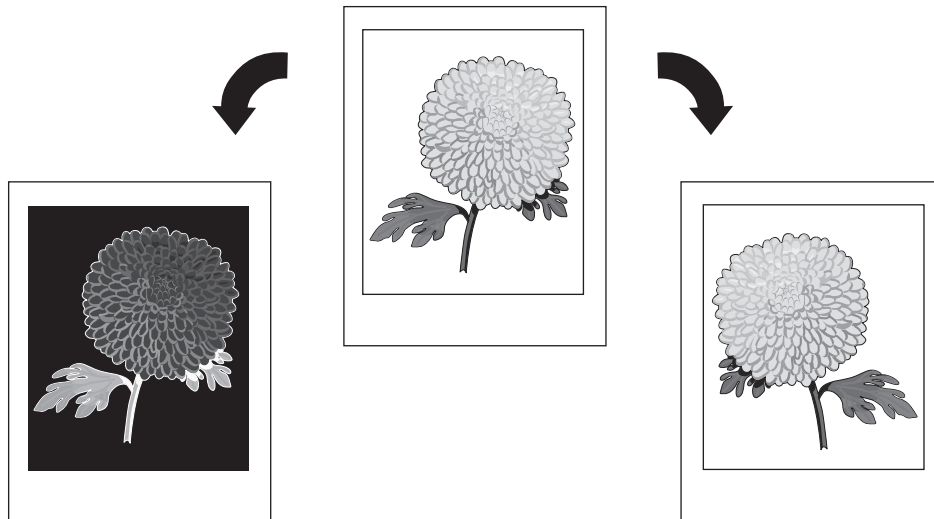
Operating System	Steps
Windows 98 SE PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Setup</b> tab.</li> <li>2. Click the <b>More Layout Options</b> button.</li> <li>3. Click the <b>Watermark</b> button to display the <b>Watermarks</b> dialog box.</li> </ol>
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Layout</b> tab.</li> <li>2. Click the <b>Advanced</b> button.</li> <li>3. Select one of the following options in the <b>Watermarks</b> section under <b>Document Options</b> and <b>Printer Features</b>: <ul style="list-style-type: none"> <li>■ To use an existing watermark, select it from the <b>Watermarks</b> drop-down list. To modify the watermark, click the <b>Edit</b> button to display the <b>Watermark Editor</b> dialog box.</li> <li>■ To create a new watermark, select <b>New</b>, and then click the <b>Properties</b> button to display the <b>Watermark Editor</b> dialog box.</li> </ul> </li> <li>4. To print the watermark in the foreground or background or to blend it with the job, select the option from the <b>Watermark Options</b> drop-down list.</li> <li>5. To print the watermark on the first page only, select <b>On</b> from the <b>First Page Only</b> drop-down list.</li> </ol>



## Printing Negative and Mirror Images

You can print pages as a negative image (reverses the light and dark areas in your printed image) or mirror image (flips images horizontally on pages when printed).

**Note:** Negative images are not supported in Windows 2000, Windows XP, and Windows Server 2003.



To select negative or mirror images in a supported driver:

Operating System	Steps
Windows 98 SE PostScript driver	<ol style="list-style-type: none"><li>1. Select the <b>Setup</b> tab.</li><li>2. Click the <b>More Layout Options</b> button.</li><li>3. Select <b>Print as a Negative Image</b> or <b>Print as a Mirror Image</b>.</li></ol>
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"><li>1. Select the <b>Layout</b> tab.</li><li>2. Click the <b>Advanced</b> button.</li><li>3. Under <b>Document Options</b> and <b>PostScript Options</b>, select <b>Yes</b> for <b>Mirrored Output</b>.</li></ol>
Mac OS 9 driver	<ol style="list-style-type: none"><li>1. Select <b>File</b>, select <b>Page Setup</b>, and then select <b>PostScript Options</b> from the drop-down list.</li><li>2. Select <b>Invert Image</b> (to print a negative image) or <b>Flip Horizontal</b> (to print a mirror image).</li></ol>

## Image Smoothing

Image smoothing blends adjacent colors in low-resolution images for smoother color transitions. For example, use image smoothing to improve the appearance of a 72 dpi image downloaded from the web. Image smoothing is not recommended for images with resolutions of 300 dpi or higher.

**Note:** Print processing is slower when this option is selected.

To select image smoothing in a supported driver:

Operating System	Steps
Windows 98 SE PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Setup</b> tab.</li> <li>2. Click the <b>More Layout Options</b> button.</li> <li>3. Select <b>Image Smoothing</b>.</li> </ol>
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Layout</b> tab.</li> <li>2. Click the <b>Advanced</b> button.</li> <li>3. Under <b>Document Options</b> and <b>Printer Features</b>, select <b>On</b> for <b>Image Smoothing</b>.</li> </ol>
Mac OS 9 driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Print Quality</b> from the drop-down list.</li> <li>2. In the <b>Print Quality</b> dialog box, select <b>Color 1</b> from the drop-down list.</li> <li>3. Select <b>On</b> for <b>Image Smoothing</b>.</li> </ol>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Image Quality</b> from the drop-down list.</li> <li>2. Select <b>Image Smoothing</b>.</li> </ol>

## Creating and Saving Custom Sizes

Phaser 8510/8560MFP products can print on custom size paper from Tray 1. You can save custom size paper settings in a supported printer driver. Since these custom sizes are saved in your computer's operating system, they are available for you to select in your applications.

**Note:** For details about loading and printing custom size paper, see [Printing Basics](#) in the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

To create and save a new custom size in a supported driver:

Operating System	Steps
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"><li>1. Select the <b>Paper/Quality</b> tab.</li><li>2. Click the <b>My Custom Sizes</b> button.</li><li>3. Click the <b>New</b> button.</li><li>4. Enter a descriptive name in the <b>Name</b> box.</li><li>5. Enter the dimensions in the <b>Width</b> and <b>Height</b> boxes.</li><li>6. Click the <b>Save</b> button.</li></ol>
Mac OS X 10.4	<ol style="list-style-type: none"><li>1. Select <b>Page Setup</b> from the <b>File</b> Menu.</li><li>2. Select the <b>Phaser 8510/8560MFP</b> system.</li><li>3. In the <b>Paper Size</b> drop-down list select <b>Manage Custom Sizes</b>.</li><li>4. Click the <b>+</b> button to add a new custom page size.</li><li>5. Provide a descriptive name for the custom page size and enter the page size and margin information.</li></ol>

## Job Completion Notification

Select the **Notify me when my job completes** option if you want to be notified when your job is finished printing. A message appears in the lower-right corner of your computer screen displaying the name of the job and the name of the system where it was printed.

**Note:** This feature is only available when your system is connected to your computer over a network.

To select job notification in a supported driver:

Operating System	Steps
Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"><li>1. Select the <b>Output Options</b> tab.</li><li>2. Check the <b>Notify Me When My Job Completes</b> box.</li><li>3. Click <b>OK</b>.</li></ol>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"><li>1. Select the <b>Troubleshooting</b> pane.</li><li>2. Check the <b>Notify Me When My Job Completes</b> box.</li></ol>

## Printing Special Job Types

This section includes:

- [Sending Personal, Personal Saved, Secure, Proof, or Saved Print Jobs](#) on page 1-25
- [Sending Print With Jobs](#) on page 1-26
- [Printing or Deleting Secure Print Jobs](#) on page 1-27
- [Printing or Deleting Personal Print Jobs](#) on page 1-27
- [Printing or Deleting Proof and Saved Print Jobs](#) on page 1-27
- [Printing or Deleting Personal Saved Jobs](#) on page 1-28

Select one of the following special job types:

- **Normal:** Prints the job without requiring a password.
- **Personal Print:** Prints the job when you select your user name on the control panel or in CentreWare IS.
- **Personal Saved Print:** Stores the job on the hard drive with your numeric password so you can print it from the control panel or from CentreWare IS. The job is not deleted after printing.
- **Secure Print:** Prints the job only after you enter the four-digit numeric password on the control panel.
- **Proof Print:** Prints only one copy of the job so that you can proof the copy. To print the remaining copies, select the job name on the control panel.
- **Saved Print:** Stores the job on the hard drive so you can print it from the control panel. The job is not deleted after printing. This is useful for any document you frequently print, such as tax forms, personnel forms, or requisition forms.
- **Print With:** Prints the current job with saved jobs that are stored on the system's hard drive. Select the saved job you want to print with the current job in the **Print With Settings** dialog. The dialog box is displayed when you click the **Print With** button.

**Note:** Protected Jobs are another special job type. These are jobs that have been copied or moved from the Public Jobs group in CentreWare IS. For more information, click the **Help** button in CentreWare IS to view the online help.

## Sending Personal, Personal Saved, Secure, Proof, or Saved Print Jobs

Use a supported driver to specify a job as a personal, personal saved, secure, proof, or saved print job.

Operating System	Steps
<b>Windows 98 SE, Windows 2000, Windows XP, Windows Server 2003 PostScript driver</b>	<ol style="list-style-type: none"> <li>1. Select the <b>Output Options</b> tab.</li> <li>2. Select the job type under <b>Walk-Up Features</b>.                             <ul style="list-style-type: none"> <li>■ For a secure job, enter a four-digit password to assign to this job.</li> <li>■ For a proof print or saved print job, enter the name you want to give this job.</li> <li>■ For a personal saved job, enter a four-digit password to assign to this job and enter the name you want to give this job.</li> </ul> </li> </ol>
<b>Mac OS 9 driver</b>	<p>In the <b>Print</b> dialog box, select the job type from the <b>Job Type</b> drop-down list.</p> <ul style="list-style-type: none"> <li>■ For a secure print or personal saved job, enter a four-digit password to assign to this job.</li> </ul>
<b>Mac OS X (version 10.2 and higher) driver</b>	<p>In the <b>Print</b> dialog box, select the job type from the <b>Job Types</b> drop-down list.</p> <ul style="list-style-type: none"> <li>■ For a secure print or personal saved job, enter a four digit number, ranging from <b>0000</b> through <b>9999</b>, in the <b>Numeric Password</b> field.</li> <li>■ For a proof print or saved print job, enter a document name (up to 20 alpha characters) in the <b>Document Name</b> field.</li> </ul>

**Note:** Personal and Personal Saved print jobs are not supported in Windows 98 SE.

## Sending Print With Jobs

To select jobs to send with your current job in a supported driver:

Operating System	Steps
Windows 98 SE, Windows 2000, Windows XP, Windows Server 2003 PostScript driver	<ol style="list-style-type: none"> <li>1. Select the <b>Output Options</b> tab.</li> <li>2. Select <b>Print With</b> under <b>Walk-Up Features</b>.</li> <li>3. Enter a four-digit password to assign to this job.</li> <li>4. Click the <b>Print With</b> button to display the <b>Print With Settings</b> dialog box.</li> <li>5. Select a personal saved or shared saved job from the list on the left to be printed with the current job, and then click the <b>Move Right</b> button.</li> <li>6. To change the order of the jobs to be printed, select a job to be moved in the list on the right, and then click the <b>Move Up</b> or <b>Move Down</b> button.</li> </ol>
Mac OS X (version 10.2 and higher) driver	<ol style="list-style-type: none"> <li>1. In the <b>Print</b> dialog box, select <b>Print With</b> from the <b>Job Types</b> drop-down list.</li> <li>2. Enter a four digit number, ranging from <b>0000</b> through <b>9999</b>, in the <b>Numeric Password</b> field and click the <b>Set</b> button.</li> <li>3. Select a personal saved or shared saved job from the list on the left to be printed with the current job, and then click the <b>Move Right</b> button.</li> <li>4. To change the order of the jobs to be printed, select a job to be moved in the list on the right, and then click the <b>Move Up</b> or <b>Move Down</b> button.</li> </ol>

**Note:** Print With jobs are not available for AppleTalk or USB connected systems.

## Printing or Deleting Secure Print Jobs

To print or delete a secure print job, specify the four-digit password on the control panel:

1. Press the **Print** button.
2. Select **Secure Print Jobs**, and then press the **OK** button.
3. Scroll to your User Name, and then press the **OK** button.
4. Scroll to the correct number for the first digit of the numeric password, and then press the **OK** button to accept that digit.
5. Repeat Step 4 for the second, third, and fourth digits.

**Note:** If you enter less than four digits in the driver's **Password** field, enter zeros before your password so that there are four digits displayed on the control panel. For example, if you entered **222** in the driver, enter **0222** on the control panel. Use the **Back** button to return to a previous digit.

6. If you submitted more than one secure print job with that password, select the desired job or select **All of Them**, and then press the **OK** button.
7. Select **Print and Delete** or **Delete**, and then press the **OK** button to print or delete the job.

## Printing or Deleting Personal Print Jobs

To print or delete a personal print job, select your user name on the control panel:

1. Press the **Print** button.
2. Select **Personal Print Jobs**, and then press the **OK** button.
3. Select your User Name, and then press the **OK** button.
4. Select **Print and Delete** or **Delete**, and then press the **OK** button to print or delete all of your personal print jobs.

## Printing or Deleting Proof and Saved Print Jobs

To print a saved print job, print the remaining copies of a proof print job, or delete a saved or proof print job, select the job name on the control panel:

1. Press the **Print** button.
2. Select **Proof Print Jobs** or **Saved Print Jobs**, and then press the **OK** button.
3. Select your job name, and then press the **OK** button.
4. Select **Print and Delete** (for proof prints), **Print and Save** (for saved prints), or **Delete**, and then press the **OK** button.
5. If you are printing, scroll to the desired number of copies, and then press the **OK** button to print the job.



## Printing or Deleting Personal Saved Jobs

To print or delete a personal saved print job, select the job name on the control panel:

1. Press the **Print** button.
2. Select **Personal Saved Print Jobs**, and then press the **OK** button.
3. Select your job name, and then press the **OK** button.
4. Scroll to the correct number for the first digit of the numeric password, and then press the **OK** button to accept that digit.
5. Repeat Step 4 for the second, third, and fourth digits.

**Note:** If you enter less than four digits in the driver's **Password** field, enter zeros before your password so that there are four digits displayed on the control panel. For example, if you entered **222** in the driver, enter **0222** on the control panel. Use the **Back** button to return to a previous digit.

6. If you submitted more than one personal saved job with that password, select the desired job or select **All of Them**, and then press the **OK** button.
7. Select **Print and Delete** or **Delete**, and then press the **OK** button to print or delete the job.

# Using Fonts

# 2

This chapter includes:

- [Types of Fonts](#) on page 2-2
- [Viewing a List of Resident Fonts](#) on page 2-2
- [Printing Font Samples](#) on page 2-3
- [Downloading Fonts Using the CentreWare Font Management Utility](#) on page 2-4

## Types of Fonts

Your system uses the following types of fonts:

- Resident fonts
- Fonts downloaded into printer memory
- Fonts downloaded with your print job from the application

Adobe Type Manager (ATM) software enables your computer to display these fonts on your computer screen as they will appear in your prints.

If you do not have ATM on your computer:

1. Install it from the *Software and Documentation CD-ROM*.
2. Install the printer's screen fonts for your computer from the ATM folder.

**Note:** ATM is not supported on Windows 64-bit systems.

## Viewing a List of Resident Fonts

To view a list of resident PCL or PostScript fonts, use CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **Emulations** folder on the left sidebar.
5. Select **Font Files**.
6. Select either **PostScript** or **PCL**.

## Printing Font Samples

This section includes:

- Using the Control Panel on page 2-3
- Using CentreWare IS on page 2-3

Use one of the following options to print a list of available PostScript or PCL fonts:

- The system's control panel
- CentreWare IS
- The printer driver

### Using the Control Panel

To print either a PostScript or PCL font list on the control panel:

1. Press the **System** button.
2. Select **Information**, and then press the **OK** button.
3. Select **Information Pages**, and then press the **OK** button.
4. Select either **PCL Font List** or **PostScript Font List**, and then press the **OK** button to print.

### Using CentreWare IS

To print either a PostScript or PCL font list from CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **Emulations** folder on the left sidebar.
5. Select **Font Files**.
6. Select either **PostScript** or **PCL**.
7. Print the list of fonts from your browser.

## **Downloading Fonts Using the CentreWare Font Management Utility**

To supplement the resident fonts (which are always available for printing), you can download fonts from your computer to the system's memory or hard drive. Downloading fonts to a system can improve printing performance and reduce network traffic.

You can list, print, and download PostScript, PCL, and TrueType fonts to your system using the CentreWare Font Management Utility. This utility helps you manage fonts, macros, and forms on a system's hard drive.

To download and install the Font Management Utility on Windows operating systems:

1. Go to [www.xerox.com/office/pmtools](http://www.xerox.com/office/pmtools).
2. Select your printer from the **Select Product** drop-down list.
3. Click **Additional Utilities** in the **Printer Utilities** table.
4. Select your operating system.
5. Locate the CentreWare **Font Management Utility** option, and do one of the following:
  - Windows: Save the **.exe** file to your computer.
  - Macintosh: Select **Start** to download the **.hqx** file.
6. Install the font manager.

**Note:** If you turn off the system, the fonts you download to memory are deleted. You must download them again when you turn on the system. Fonts downloaded to the hard drive are not deleted when you turn off the system.

# Networking

# 3

This chapter includes:

- [System Management Software](#) on page 3-2
- [Windows 2000, Windows XP, and Windows Server 2003](#) on page 3-4
- [Windows 98 SE](#) on page 3-11
- [Macintosh](#) on page 3-16
- [Novell](#) on page 3-22
- [UNIX \(Linux\)](#) on page 3-23

This chapter provides detailed information for the system administrator. Additional information about print quality, maintenance, troubleshooting options, and installing the scan driver, is located in the *User Guide*.

*See also:*

*User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

# System Management Software

This section includes:

- [CentreWare Internet Services \(IS\)](#) on page 3-2
- [CentreWare Web](#) on page 3-3

## CentreWare Internet Services (IS)

CentreWare IS provides a simple interface that enables you to manage, configure, and monitor networked systems from your desktop using an embedded web server. CentreWare IS gives administrators easy access to system status, configuration, and diagnostic functions. It also provides users with access to system status and special printing functions such as printing saved jobs. With CentreWare IS software, you can access and manage your system over a TCP/IP network using a web browser.

CentreWare IS enables you to:

- Check supplies status from your desktop, saving a trip to the printer. Access job accounting records to allocate printing costs and plan supplies purchases.
- Define a network system search and view a list of systems using Printer Neighborhood. The list provides current status information and allows you to manage systems independent of network servers and operating systems.
- Configure systems from your desktop. CentreWare IS makes it easy to copy settings from one system to another.
- Set up and use a simple web-browser-based printing system. Marketing collateral, sales materials, business forms, or other standardized, frequently used documents can be saved as a group with their original driver settings then reprinted on demand at high speed from any user's browser. A system with a hard drive is required to support these functions. In some system models, a DX configuration is required to support these functions.
- Troubleshoot print-quality problems using built-in diagnostics.
- Define a link to your local web server's support page.
- Access online manuals and technical support information located on the Xerox website.

**Note:** CentreWare IS requires a web browser and a TCP/IP connection between the system and the network (in Windows, Macintosh, or UNIX environments). TCP/IP and HTTP must be enabled in the system. JavaScript is required to access the pages in Printer Neighborhood. If JavaScript is disabled, a warning message appears and the pages do not function properly.

For complete information about CentreWare IS, click the **Help** button in CentreWare IS to go to the *CentreWare IS Online Help*.

See also:

Using CentreWare Internet Services tutorial at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

## **CentreWare Web**

CentreWare Web is a multi-vendor system management, installation, and troubleshooting application. Use CentreWare Web to remotely manage, install, and troubleshoot systems on your network using a web browser. Systems are found through network or print server discovery and managed over TCP/IP networks using RFC-1759 SNMP (Simple Network Management Protocol).

With CentreWare Web you can:

- Remotely add ports, queues, and drivers to Windows 2000, Windows XP, and Windows Server 2003.
- Install, troubleshoot, upgrade, and clone wizards to aid all users in performing administrative tasks.
- Install CentreWare Web on a server for availability to all clients on the network with Internet access.
- Support multiple users and provide different levels of user access privileges for administrators or guests.
- Discover systems on local and remote subnets.
- Automatically discover systems as scheduled.
- Generate reports.
- Connect to system web servers for additional system-specific features, including help.

For more information, go to [www.xerox.com/office/pmtools](http://www.xerox.com/office/pmtools), and select your specific system model to view the *CentreWare Web User Guide*.



# Windows 2000, Windows XP, and Windows Server 2003

This section includes:

- [Preliminary Steps](#) on page 3-4
- [Quick CD-ROM Install Steps](#) on page 3-4
- [Other Methods of Installation](#) on page 3-5
- [Windows 2000, Windows XP, and Windows Server 2003 Troubleshooting](#) on page 3-9

## Preliminary Steps

These preliminary steps must be performed for all systems:

1. Verify that the system is plugged in, turned **On**, and connected to an active network.
2. Verify that the system is receiving network information by monitoring the LEDs on the back of the system or on the CentreDirect External Print Server. When the system is connected to a functioning network and receiving traffic, its link LED is green, and its amber traffic LED is flashing rapidly.
3. Proceed to [Quick CD-ROM Install Steps](#) or [Other Methods of Installation](#) for the installation method desired.
4. Print the Configuration page and keep it for reference.

## Quick CD-ROM Install Steps

To install the printer driver:

1. Insert the *Software and Documentation CD-ROM* into the computer's CD-ROM drive. If the installer does not launch, do the following:
  - a. Click **Start**, and then click **Run**.
  - b. In the **Run** window, type: <CD drive>\INSTALL.EXE.
2. Select your desired language from the list.
3. Click **Install Drivers**.
4. Select one or more of the following options:
  - **Install Print and Scan Driver**: Automatically installs both the print and scan drivers.
  - **Install Print Driver**: Installs the print driver.
  - **Install Scan Driver**: Installs the scan driver.

5. Click **I Agree** to accept the Xerox Software License Agreement.
6. In the **Select Printer** dialog box, the default **Use Walk-Up Technology (recommended for network systems)** is selected. Click **Next**.
7. Follow the Use Walk-Up Technology instructions displayed.
8. Click **Exit Program**.

**Note:** If the Walk-Up Technology dialog box remains onscreen after you have completed Steps 1–6, click the **Cancel** button, and then click **Select from the following discovered printers**. Follow the onscreen prompts to complete the installation procedure.

## Other Methods of Installation

Your system can also be installed on a Windows 2000, Windows XP, or Windows Server 2003 network using one of these methods:

- Microsoft TCP/IP Protocol
- Microsoft IPP Port

To monitor or configure your system, use CentreWare IS with a web browser if your system is connected to a Windows 2000, Windows XP, or a Windows Server 2003 network with the TCP/IP protocol enabled.

**Note:** The CentreWare methods are not discussed in this section.

*See also:*

[System Management Software](#) on page 3-2 (CentreWare IS)

## Microsoft TCP/IP Protocol

**Note:** For Windows XP, select **Classic Look** or the Windows XP procedures will not match the steps below. To select Classic Look, click **Start**, click **Settings**, and then click **Taskbar and Start Menu**. Select the **Start Menu** tab, and then select the **Classic Start menu**. Click **OK**.

To verify that TCP/IP is installed:

1. Right-click the **My Network Places** icon on the desktop, and then click **Properties**.
2. Right-click **Local Area Connection**, and then click **Properties**.
3. Click the **General** tab to verify that **Internet Protocol (TCP/IP)** is installed.
  - If the Internet Protocol (TCP/IP) box is checked, the software is installed.
  - If the Internet Protocol (TCP/IP) box is not checked, the software is not installed. Install TCP/IP software using the documentation provided by Microsoft, and then return to this document.

### Adding the System

To add the system:

1. On the desktop click **Start**, and then click **Settings**.
2. Select one of these options:
  - **Windows 2000:** Click **Printers**, double-click **Add Printer** to launch the Add Printer Wizard, and then click **Next**.
  - **Windows XP or Windows Server 2003:** Click **Printers and Faxes**. Double-click **Add Printer** to launch the Add Printer Wizard, and then click **Next**.
3. Click the **Local Printer** button, and then click **Next**.
4. Click the **Create a New Port** button.
5. Select **Standard TCP/IP Port** from the New Port Type drop-down menu, and then click **Next**.
6. Click **Next**.
7. Enter the IP Address of the system you want to use in the **Printer Name or IP Address** edit box. Click **Next**.
8. Select one of these options:
  - Click **Finish** in the **Confirmation** window if the data is correct.
  - Click the **Back** button to correct the data if it is incorrect, and then click **Finish** in the **Confirmation** window.

### Configuring the System

To configure the system:

1. Insert the *Software and Documentation CD-ROM* into the computer's CD-ROM drive and click **Have Disk**.
2. Click the **Browse** button, and then select the directory which contains the Windows 2000 or Windows XP drivers.
3. Select the **\*.INF** file, and then click **Open**.
4. Verify that the path and filename are correct, and then click **OK**.
5. Enter a name for the system and select whether you want that system to be the default. Click **Next**.
6. Select one of these options:
  - If the system is not shared, click **Next**.
  - If the system is shared, enter a **Share Name**, check the **Share** box, and then click **Next**.

## Printing a Test Page

You are prompted to print a test page.

1. Select one of these options:
  - Click **Yes** to print a test page, and then click **Next**.
  - Click **No** if you do not want to print a test page, and then click **Next**.
2. Select one of these options in the **Completing the Add Printer Wizard** screen:
  - Click the **Finish** button if the data presented is correct. Proceed to Step 3.
  - Click the **Back** button to correct the data if incorrect, and then click **Finish** in the Add Printer Wizard when the data is correct. Proceed to Step 3.
3. If you printed a test page, you are prompted to confirm that the test page printed:
  - Click **Yes** if the test page printed successfully.
  - Click **No** if the test page did not print or printed incorrectly.

See also:

[Windows 2000, Windows XP, and Windows Server 2003 Troubleshooting](#) on page 3-9

## Microsoft IPP Port

Follow these steps to obtain the system's URL and create an Internet Printing Protocol (IPP) system.

### Obtaining the System's URL (Network Path)

To obtain the system's URL:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Select **Properties**.
4. Select the **Protocols** folder on the left sidebar.
5. Select **IPP**. The Network Path field on the IPP Settings page displays the system's URL.

### Creating an IPP System

To create an IPP system:

1. On the desktop, click **Start**, click **Settings**, and then click **Printers**.
2. Double-click **Add Printer** to launch the Microsoft Add Printer Wizard.
3. Select **Network Printer**, and then click **Next**.
4. When prompted for **Network Path** (Windows 9x) or **URL** (Windows NT, Windows 2000, Windows XP), enter the system's URL in the following format:

*`http://printer-ip-address/ipp`*

**Note:** Substitute your system's IP address or DNS name for printer-ip-address.

5. Click **Next**.

### **Configuring the System**

To configure the system:

1. Insert the *Software and Documentation CD-ROM* into the computer's CD-ROM drive and click **Have Disk**.
2. Click the **Browse** button, and then select the directory which contains the Windows 2000 or Windows XP drivers.
3. Select the **\*.INF** file, and then click **Open**.
4. Verify that the path and filename are correct, and then click **OK**.
5. Enter a name for the system and select whether you want that system to be the default. Click **Next**.
6. Select one of these options:
  - If the system is not shared, click **Next**.
  - If the system is shared, enter a **Share Name**, check the **Share** box, and then click **Next**.
7. Click **Next**.

## Windows 2000, Windows XP, and Windows Server 2003 Troubleshooting

**Note:** For Windows XP, select Classic Look or the Windows XP procedures will not match the steps below. To select Classic Look, click **Start**, click **Settings**, and then **Taskbar and Start Menu**. Select the **Start Menu** tab, and then select **Classic Start menu**. Click **OK**.

This Troubleshooting section assumes you have completed the following tasks:

- Loaded a Phaser system PCL or PostScript printer driver.
- Printed and kept a current copy of the Configuration page.

### Verifying Settings

To verify settings:

1. Verify the settings on the Configuration page.
  - **IP Address Source** is set to: **DHCP, Control Panel, BOOTP**, or Auto IP (depending on your network configuration).
  - **Current IP Address** is set correctly. (Note this address if it is assigned by Auto IP, DHCP, or BOOTP.)
  - **Subnet Mask** is set correctly (if used).
  - **Default Gateway** is set correctly (if used).
  - **LPR** is enabled. Verify that the LPR and AppSocket settings are set as desired.
  - **Interpreters: Auto, PCL, or PostScript** (depending on your driver).
2. Verify that the client is logged into the network and printing to the correct print queue. The user should also have access to the Phaser printer queue.

### Verifying Driver Installation

To verify driver installation:

1. Right-click **My Network Places** on the desktop, and then click **Properties**.
2. Right-click **Local Area Connection**, and then click **Properties**.
3. Select the **General** tab. View the list of installed network protocols to verify that TCP/IP is installed. (For more information, contact your network administrator.)
4. Click **Install** to install any components not listed, and then restart your computer.
5. Click **Start**, click **Settings**, and then click **Printers**.
6. Right-click the printer icon, and then click **Properties**.
7. Select the **Advanced** tab. Verify that the correct printer driver is installed.
8. Select the **Ports** tab. Verify that the IP Address in the **Print to the Following Ports** list is identical to the one on the Configuration page. You may need to click the **Configure Port** button to see the IP address. If necessary, re-select the TCP/IP number used for the system.

## **Printing a Test Page**

To print a test page:

1. Select the **General** tab.
2. Click **Print Test Page**. If the system does not print, select **PhaserSMART Technical Support** on the **Troubleshooting** tab of your Windows printer driver to access PhaserSMART Technical Support.

*See also:*

[www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

# Windows 98 SE

This section includes:

- [Preliminary Steps](#) on page 3-11
- [Quick CD-ROM Install Steps](#) on page 3-12
- [Other Methods of Installation](#) on page 3-13
- [Windows 98 SE Troubleshooting](#) on page 3-15

## Preliminary Steps

Follow these preliminary steps:

1. Verify that the printer is plugged in, turned on, and connected to an active network.
2. Verify that the system is receiving network information by monitoring the LEDs on the back of the device or on the CentreDirect External Print Server. When the system is connected to a functioning network and receiving traffic, its link LED is green, and its amber traffic LED is flashing rapidly.
3. Print a Configuration page and verify that the desired protocol is enabled, and then follow one of these options:
  - Proceed to Step 4 if you do not have a TCP/IP address configured for your system.
  - Proceed to Step 5 if you do have a TCP/IP address configured for your system.
4. Do one of the following if you *do not* have a TCP/IP address configured for your computer:
  - Contact your system administrator to ensure that configuration is made according to your company guidelines.
  - Configure your computer with a unique address such as 192.1.1.1.
5. If you have a TCP/IP address, follow these steps to verify the IP address for your computer:
  - a. Click **Start**, and then click **Run**.
  - b. Enter **winipcfg** in the **Open** field. (If the file is not found, TCP/IP may not be installed.)
  - c. Click **OK**.
  - d. Select your network adapter from the list. The IP address is listed in the IP Address field.

**Note:** For more information about installing and configuring TCP/IP in Windows environments, go to your Microsoft Windows documentation.

6. Proceed to [Quick CD-ROM Install Steps](#) or [Other Methods of Installation](#) for the installation method desired.

*See also:*

- [Quick CD-ROM Install Steps](#) on page 3-12
- [Other Methods of Installation](#) on page 3-13



## Quick CD-ROM Install Steps

To use quick CD-ROM installation:

1. Insert the *Software and Documentation CD-ROM* into the computer's CD-ROM drive. If the installer does not launch, do the following:
  - a. Click **Start**, and then click **Run**.
  - b. In the **Run** window, type: <CD drive>\INSTALL.EXE.
2. Select your desired language from the list.
3. Click **Install Drivers**.
4. Select one or more of the following options:
  - **Install Print and Scan Driver:** Automatically installs both the print and scan drivers.
  - **Install Print Driver:** Installs the print driver.
  - **Install Scan Driver:** Installs the scan driver.
5. Click **I Agree** to accept the Xerox Software License Agreement.
6. In the **Select Printer** dialog box, the default **Use Walk-Up Technology (recommended for network printers)** is selected. Click **Next**.
7. Follow the Use Walk-Up Technology instructions displayed.
8. Click **Exit Program**.

**Note:** If the Walk-Up Technology dialog box remains onscreen after you have completed Steps 1–6, click the **Cancel** button, and then click **Select from the following discovered printers**. Follow the onscreen prompts to complete the installation procedure.

See also:

Knowledge Base at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

## Other Methods of Installation

Install your system on a Windows 98 SE network using PhaserPort software.

### PhaserPort Software

The Windows installer installs PhaserPort for Windows (for those installations using PostScript drivers). PhaserPort for Windows is a Xerox print monitor for printing over Windows 98 SE TCP/IP peer-to-peer networks. PhaserPort can be used to add or remove TCP/IP ports.

**Note:** PhaserPort is the preferred utility for PostScript installations.

### Adding a Port

To add a port:

1. Open **Printer Properties** for the system you would like to attach to the new TCP/IP port.
2. Click **Start**, click **Settings**, and then click **Printers**.
3. Right-click the system to be attached to the new TCP/IP port, and then click **Properties**.
4. Click the **Details** tab, and then click the **Add Port** button.
5. Select **Other**.
6. From the list of available printer-port monitors, select **PhaserPort**, and then click **OK**.

### Configuring a Port

PhaserPort enables you to:

- Choose a name for the new port.
- Identify a system by its DNS Name or IP Address.

To install a port using PhaserPort:

1. In the **Add PhaserPort** window:
  - Enter a unique name for the port being added in the **Description** section.
  - Enter the system host name or IP Address in the **DNS/Address** section.
2. Click **OK**.

### Changing a PhaserPort IP Address

If the system's IP address is changed, you must change the IP address for the device's corresponding port:

1. Click **Start**, click **Settings**, and then click **Printers**.
2. Right-click the system to be changed to a new PhaserPort IP address, and then click **Properties**.
3. Select the **Details** tab.
4. Verify that PhaserPort appears in the **Print to the Following Port** field.
5. Click **Port Settings**. The **Configure PhaserPort** dialog box appears.
6. Do one of the following:
  - a. If you know the correct IP address or DNS name for the system, enter that information.
  - b. If you don't know the system's IP address or DNS name, click **Browse** to display a list of systems on the network.
  - c. Double-click the appropriate system. PhaserPort automatically enters the information into the **Configure PhaserPort** dialog box.

**Note:** To search the network again, click **Refresh**. To expand the search to other subnets, click **Advanced**.

7. Click **OK**.
8. Click **OK** again to apply the changes.

## Windows 98 SE Troubleshooting

This Troubleshooting section assumes you have completed the following tasks:

- Verified that the system is plugged in, turned on, and connected to an active network.
- Installed a PostScript print driver.
- Verified that the system is receiving network information by monitoring the LEDs on the back of the device or on the CentreDirect External Print Server. When the system is connected to a functioning network and receiving traffic, its link LED is green, and its amber traffic LED is flashing rapidly.
- Printed and kept a current copy of the Configuration page.

### Verifying Settings

To verify settings:

1. Right-click **Network Neighborhood** on the desktop, and then click **Properties**.
2. Click the **Configuration** tab. A list of installed network components appears for the Client for Microsoft networks.
3. If any of the necessary components are not installed, install them, and then restart the system. When the system is restarted, return to this document.
4. Click **Start**, click **Settings**, and then click **Printers**. The **Printers** window appears.
5. Right-click the printer icon, and then click **Properties**.
6. Select the **Details** tab.
7. Verify the following:
  - a. The printer driver name in the **Print Using the Following Driver** list. If necessary, re-select or install a new printer driver.
  - b. The **Port** name in the **Print to the Following Port** list. If necessary, re-select the correct name.

**Note:** Send a print job to the system. If the system does not print, select **PhaserSMART Technical Support** on the **Troubleshooting** tab of your Windows printer driver to access PhaserSMART Technical Support.

See also:

[www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

# Macintosh

This section includes:

- [Requirements](#) on page 3-16
- [Quick CD-ROM Install Steps](#) on page 3-16
- [Enabling and Using EtherTalk for Mac OS 9.x](#) on page 3-16
- [Enabling and Using TCP/IP for Mac OS 9.x](#) on page 3-17
- [Enabling or Using TCP/IP or AppleTalk for Mac OS X, Version 10.2 and Higher](#) on page 3-18
- [Macintosh Troubleshooting \(Mac OS 9.x, Mac OS X, Version 10.2 and Higher\)](#) on page 3-20

## Requirements

- A Macintosh computer with the appropriate print and scan drivers installed.
- A working knowledge of the operating system (Mac OS 9.x or Mac OS X, version 10.2 or higher) being used on the Macintosh computer.
- Proper cabling to connect the system to the network.

## Quick CD-ROM Install Steps

**Note:** The Mac OS 9.x driver is available on the CD-ROM as PPD files only.

To use the quick CD-ROM installation option:

1. Insert the *Software and Documentation CD-ROM* into the computer's CD-ROM drive.
2. Double-click the installer on the *Software and Documentation CD-ROM* to install the print and scan drivers.

## Enabling and Using EtherTalk for Mac OS 9.x

If you use EtherTalk, Macintosh computers do not require IP addresses.

To create a desktop system:

1. Open the **AppleTalk Control Panel**. Verify that the Ethernet port is the selected network port.
2. Open the **Chooser**, and then click the **LaserWriter printer** driver.
3. Select the system.
4. Click **Create** to create the desktop system.

## Enabling and Using TCP/IP for Mac OS 9.x

This section provides installation and troubleshooting steps for Macintosh OS 9.x.

### Setting Up the Macintosh Ethernet Port for TCP/IP

To set up your Macintosh for TCP/IP:

1. On the control panel, select **TCP/IP**, and then select **Ethernet**.
2. Specify how you will obtain the IP address from the **TCP/IP** tab:
  - **Manually**: Specify the IP address, **Subnet Mask**, **Router Address**, and **Name Server Address** in the dialog box.
  - **Using DHCP Server**: Automatically finds the IP address.
3. Close the dialog box.

*See also:*

Knowledge Base at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

## Enabling or Using TCP/IP or AppleTalk for Mac OS X, Version 10.2 and Higher

Verify that you are running Mac OS X, version 10.2 or higher. The previous versions of Mac OS X do not fully support PostScript printing and printer features.

### Setting Up the Macintosh Ethernet Port for TCP/IP

To set up your Macintosh for TCP/IP:

1. Select **Network** from the **System Preferences** application.
2. Select **Built-In Ethernet** from the **Show** menu.
3. Specify how you will obtain the IP address from the **TCP/IP** tab:
  - **Manually**: Specify the IP address, **Subnet Mask**, **Router Address**, and **Name Server Address** in the dialog box.
  - **Using DHCP**: Automatically finds the IP address.
4. Click **Apply**, and then close the dialog box.

See also:

Knowledge Base at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

### Setting Up the Macintosh Ethernet Port for AppleTalk

To set up your Macintosh for AppleTalk:

1. Select **Network** from the **System Preferences** application.
2. Select **Built-In Ethernet** from the **Show** menu.
3. Select **Make AppleTalk Active** in the **AppleTalk** tab.
4. Click **Apply**, and then close the dialog box.

### Creating an LPR System with Mac OS X, Version 10.2 and Higher

To create an LPR printer:

1. Open the **Print Center** utility. In Mac OS X, version 10.3 or higher, open the **Printer Setup Utility**. The utility is located in a directory called **Utilities** in the **Applications** directory.
2. Select **Add**, then select one of the following options:
  - **Version 10.2**: Select **IP Printing** from the pull-down menu.
  - **Version 10.3 and higher**: Select **LPD/LPR** in the **Printer Type** field.
3. Enter the system's IP address in the **Printer Address** field.
4. Select the appropriate **PPD** from the list in the **Printer Model** pull-down list. If your system PPD is not listed, install it from the *Software and Documentation CD-ROM*.
5. Click **Add** to complete the configuration.

## Creating an AppleTalk System with Mac OS X, Version 10.2 and Higher

To create an AppleTalk printer:

1. Verify that **AppleTalk** is enabled in **System Preferences**.
2. Open the **Print Center** utility. In Mac OS X, version 10.3 or higher, open the **Printer Setup Utility**. The utility is located in a directory called Utilities in the Applications directory.
3. Select **Add Printer**, and then select **AppleTalk** from the pull-down list.
4. Select the appropriate zone.
5. Select your system from the list provided.
6. Select the appropriate **PPD** from the list in the **Printer Model** drop-down list. If your system PPD is not listed, install it from the *Software and Documentation CD-ROM*.
7. Click **Add** to complete the configuration.

See also:

Knowledge Base at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

## Creating a Bonjour System with Mac OS X, Version 10.2 and Higher (Recommended)

To create a Bonjour printer:

1. Open the **Print Center** utility. In Mac OS X, version 10.3 or higher, open the **Printer Setup** utility. The utility is located in Utilities in the Applications directory.
2. Select one of the following options:
  - **Version 10.2:** Click **Add**.
  - **Version 10.3:** From the top pull-down menu, select **Bonjour**.
  - **Version 10.4 and higher:** Select your system from the list and ensure **Bonjour** and not Apple Talk is in the **Connection** column. Your PPD is automatically selected.

A list appears displaying name of your system, followed by a series of numbers. For example, *Your System's Name xx:xx:xx*. Each numbered segment represents the last section of your system's hardware address. Your PPD is automatically selected.

3. Click **Add** to complete the installation.



## Macintosh Troubleshooting (Mac OS 9.x, Mac OS X, Version 10.2 and Higher)

The following procedure eliminates cabling, communication, and connection problems. Once you complete these steps, print a test page from your software application.

**Note:** If the job prints, no further system troubleshooting is necessary. If there are print-quality problems, see the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

### Mac OS 9.x Troubleshooting

Perform these steps *only* for Mac OS 9:

1. Open the **Chooser**, and then click the **LaserWriter** driver.
2. Do one of the following:
  - If the system's name appears, your device is communicating through the network. You do not need to perform any additional steps.
  - If the system's name does *not* appear, proceed to Step 3.
3. Verify that the system is plugged in, turned **On**, and connected to an active network.
4. Verify the cable connection from the network to the system.
5. Follow these steps:
  - a. From the system's control panel, verify that **EtherTalk** is enabled. If it is not, enable it in the control panel, and then reset the system.
  - b. Print the Configuration page and verify that **EtherTalk** is enabled.
  - c. From the Configuration page, verify the Zone. If you have multiple zones on your network, verify that your system appears in the desired zone.
6. If you are still unable to print, access **PhaserSMART** Technical Support through CentreWare IS:
  - a. Launch your web browser.
  - b. Enter the system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
  - c. Select **Support**.
  - d. Click the **PhaserSMART Diagnostic Tool** link to access PhaserSMART.

See also:

[www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

## Mac OS X, Version 10.2 and Higher Troubleshooting

Perform these steps *only* for Mac OS X, versions 10.2 and higher:

1. Open the **Network Utility**, and then click the **Ping** tab.
2. Enter the system's IP address.
3. Click **Ping**. If you do *not* get a response, confirm that your TCP/IP settings are correct for your system and computer.
4. For **AppleTalk**, follow the steps below. For **TCP/IP** proceed to Step 5.
  - a. From the system's control panel, verify that **EtherTalk** is enabled. If it is not, enable it in the control panel, and then reset the system.
  - b. Print the Configuration page and verify that **EtherTalk** is enabled.
  - c. From the Configuration page, verify the **Zone**. If you have multiple zones on your network, verify that your system appears in the desired zone.
5. If you are still unable to print, access **PhaserSMART** Technical Support through CentreWare IS:
  - a. Launch your web browser.
  - b. Enter the system's IP address in the browser's **Address** field (http://xxx.xxx.xxx.xxx).
  - c. Select **Support**.
  - d. Click the **PhaserSMART Diagnostic Tool** link to access PhaserSMART.

See also:

[www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support)

# Novell

This section includes:

- [Novell Distributed Print Services \(NDPS\)](#) on page 3-22
- [Xerox NDPS Gateway Software](#) on page 3-22

## Novell Distributed Print Services (NDPS)

Novell Distributed Print Services (NDPS) are products built on Novell's printing architecture that enables administrators to take advantage of built-in printer intelligence to manage network printing resources from anywhere on the network, improve network printing performance, and reduce network printing issues for end-users.

The Xerox NDPS Solution enables you to use Novell NDPS with many of the latest Xerox systems. It includes administrative tools that work with NetWare Administrator so that users can easily configure and manage their network printer services.

To access Xerox systems in this environment, Xerox NDPS Gateway software must be installed on an Novell server.

## Xerox NDPS Gateway Software

The current release of the Xerox NDPS Solution for Novell NDPS supports IP protocol. It enables the user to manage Xerox printers in Novell NetWare NDPS environments.

The Xerox NDPS Solution software contains these features:

- Support for IP networking
- Simplified installation, driver download, and configuration of the Xerox systems in a Novell NetWare NDPS network
- Automatic installation, when users connect to a system, to eliminate individual driver installation
- Status retrieval and remote management of NDPS-supported networked systems using NetWare Administrator
- CentreWare IS access for system management of networked systems.

For more information, see the *Xerox NDPS User Guide* and download the latest version of the Xerox NDPS Gateway software at [www.xerox.com/office/pmtools](http://www.xerox.com/office/pmtools).

## UNIX (Linux)

This section includes:

- [Quick Install Steps](#) on page 3-24

Your system supports connection to a variety of UNIX platforms through the parallel and network interface. The workstations currently supported by CentreWare for UNIX/Linux to a network-connected system are:

- Sun Solaris
- IBM AIX
- Hewlett-Packard HP-UX
- DEC UNIX
- Linux (i386)
- Linux (PPC)
- SGI IRIX

The following procedures enable you to connect your system using any of the supported versions of UNIX or Linux listed above.

## Quick Install Steps

Perform the following procedures to set up the system and install the appropriate drivers.

### From the System

To set up the system:

1. Verify that both TCP/IP protocol and the proper connector are enabled.
2. On the control panel, select one of these IP address options:
  - Allow the system to set up a DHCP address.
  - Enter the IP address manually.
3. Print the Configuration page and keep it for reference.

### From Your Computer

To install the system:

1. Go to [www.xerox.com/drivers](http://www.xerox.com/drivers).
2. Select the product type, the product family, and then select the model.
3. Click the **Drivers & Downloads** link.
4. Select **Unix** from the **Operating System** drop-down menu, and then click **Go**.
5. From the list of files provided, click the **Printer Package for use with CentreWare for Unix** link. The File Download screen appears displaying information about the download file.
6. Click the **Start** button to install the Unix driver.
7. Print a test page and verify the print quality of the printed page.

**Note:** If print-quality problems exist, or your job did not print, see the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support) or access PhaserSMART Technical Support through CentreWare IS.

To access PhaserSMART Technical Support:

1. Launch your web browser.
2. Enter the system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Select **Support**.
4. Click the **PhaserSMART Diagnostic Tool** link to access PhaserSMART.

# Managing Your System

# 4

This chapter includes:

- [System Settings](#) on page 4-2
- [System Security](#) on page 4-14
- [Analyzing System Usage](#) on page 4-16

# System Settings

This section includes:

- [System Control Settings](#) on page 4-2
- [Paper Handling Settings](#) on page 4-9

## System Control Settings

This section includes:

- [Setting the Control Panel Language](#) on page 4-2
- [Setting Control Panel Accessibility Behavior](#) on page 4-3
- [Setting the System Date and Time](#) on page 4-4
- [Controlling Startup Page Printing](#) on page 4-5
- [Changing the Power Saver Timeout](#) on page 4-6
- [Changing Intelligent Ready Mode](#) on page 4-7
- [Viewing Supply Usage Information](#) on page 4-8

**Note:** For information about managing control panel settings for specific copy, scan, and fax functions, see [Copying](#), [Scanning](#), or [Faxing](#) in the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

### Setting the Control Panel Language

To select the default control panel language, use one of the following options:

- The system's control panel
- CentreWare IS

#### Using the Control Panel

To select the default language on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **Control Panel Setup**, and then press the **OK** button.
4. Select **Language**, and then press the **OK** button.
5. Select the desired language, and then press the **OK** button.

### Using CentreWare IS

To change the default control panel language using CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (http://xxx.xxx.xxx.xxx).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar, and then select **System Defaults**.
5. In the **User Preferences** area, select the language from the **Set Control Panel Language** drop-down list.
6. Click the **Save Changes** button at the bottom of the screen.

### Setting Control Panel Accessibility Behavior

Control panel accessibility settings modify the control panel behavior to improve accessibility for some individuals with disabilities. There are two control panel accessibility settings:

- **Off:** The control panel times out after a short period of no activity. Holding down a key results in multiple entries of that key.
- **On:** The control panel does not time out. Holding down a key does not result in multiple entries of that key.

To adjust the control panel accessibility settings, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To turn on/off control panel accessibility on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **Control Panel Setup**, and then press the **OK** button.
4. Select **Accessible Control Panel**, and then press the **OK** button.
5. Select **On** or **Off**, and then press the **OK** button.

### Using CentreWare IS

To turn on/off control panel accessibility using CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (http://xxx.xxx.xxx.xxx).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar.
5. Select **System Defaults**.
6. Select **On** or **Off** from the **Accessible Control Panel** drop-down list to change the setting.
7. Click the **Save Changes** button at the bottom of the screen.



## Setting the System Date and Time

Some system features, like Scheduled Warmup mode and Job Accounting, rely on the system date and time settings to initiate functions and report usage information. To change the system date and time, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To change the system's date and time setting on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **System Controls**, and then press the **OK** button.
4. Select **Date and Time**, and then press the **OK** button. The system displays the current settings for the **Year**, **Month**, **Day**, **Hour**, **Minute**, and **Second**.
5. To change one of the date/time settings:
  - a. Select the appropriate setting, and then press the **OK** button.
  - b. Press the **Up Arrow** or **Down Arrow** button to select a value, and then press the **OK** button.

### Using CentreWare IS

To change the system's date and time setting using CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar, and then select **Date and Time**. The window displays the system's current date and time setting.
5. To change the date or time, select the new values from the drop-down lists.
6. Click the **Save Changes** button at the bottom of the screen.

## Controlling Startup Page Printing

The system can produce a Startup page each time the system is turned on or reset. The factory default is **On**. You can print the Startup page at any time from the **Information Pages** menu.

To turn on/off automatic printing of the Startup page, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To turn on/off automatic printing of the Startup page on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **System Controls**, and then press the **OK** button.  
The **Startup Page** is highlighted. The setting (**On** or **Off**) is displayed.
4. Press the **OK** button to change the setting.

### Using CentreWare IS

To turn on/off the automatic printing of the Startup page using CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (http://xxx.xxx.xxx.xxx).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar.
5. Select **System Defaults**.
6. Select **Off** or **On** from the **Startup Page** drop-down list to change the setting.
7. Click the **Save Changes** button at the bottom of the page.

### Printing the Startup Page from the Control Panel

To print the Startup page on the control panel:

1. Press the **System** button.
2. Select **Information**, and then press the **OK** button.
3. Select **Information Pages**, and then press the **OK** button.
4. Select **Startup Page**, and then press the **OK** button to print.

**Note:** You can also print the Startup page from the **Troubleshooting** tab of the Windows printer driver.

## Changing the Power Saver Timeout

To save energy, the system enters a Power Saver, low-energy consumption mode after a pre-defined period of time since its last activity. In this mode, most electrical systems are shut down. When a job is sent to the system, the system enters Warmup mode. You can also warm up the system by pressing the **OK** button on the control panel.

If you find that the system is going into Power Saver mode too often and you do not want to wait while the system warms up, increase the length of time before the system goes into Power Saver mode.

To change the Power Saver Timeout value, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To change the Power Saver Timeout value on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **System Controls**, and then press the **OK** button.
4. Select **Power Saver**, and then press the **OK** button.
5. Press the **Up Arrow** or **Down Arrow** button to scroll to a selected Power Saver Timeout value. Select a larger value if you want to extend the length of time before the system goes into Power Saver mode.
6. Press the **OK** button.

### Using CentreWare IS

To change the Power Saver Timeout value using CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar, and then click **Warmup**.
5. Select a value from the **Power Saver Timeout** drop-down list.
6. Click the **Save Changes** button at the bottom of the page.

## Changing Intelligent Ready Mode

Intelligent Ready mode is an automated system that:

- Monitors the system's usage.
- Warms up the system when you are most likely to need it based on past usage patterns.
- Activates the Power Saver mode when the system times out.

To turn on/off the Intelligent Ready mode, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To turn Intelligent Ready mode on/off on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **System Controls**, and then press the **OK** button.
4. Select **Intelligent Ready**.
5. Press the **OK** button to turn on/off Intelligent Ready.
6. Select **Exit**, and then press the **OK** button to return to the main menu.

### Using CentreWare IS

To select Intelligent Ready mode or to schedule warmup/standby settings using CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar, and then select **Warmup**.
5. Select **Intelligent Ready**, **Scheduled**, or **Job Activated** from the **Warmup Mode** drop-down list to change the setting.
6. If you selected **Scheduled** in Step 5, make selections for each day's warmup setting and standby setting.
7. Click the **Save Changes** button at the bottom of the screen.

**Note:** Although the control panel selections only enable you to turn Intelligent Ready mode on or off, CentreWare IS enables you to specify particular system Warmup modes and settings.

## Viewing Supply Usage Information

The system detects the status of certain supplies and consumables, such as ink, maintenance kit, and the number of pages printed.

To view the status of supplies, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To view supply status information on the control panel:

1. Press the **System** button.
2. Select **Information**, and then press the **OK** button.
3. Select **Supplies Info**, and then press the **OK** button.
4. Select **Maintenance Kit Life** or **Total Print Count**, and then press the **OK** button to view information applicable to the item selected.

### Using CentreWare IS

To view supply status information using CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Status**, and then select one of the following options:
  - Click the **General** button to view page count information.
  - Click the **Supplies** button to view ink status and maintenance kit life information.

## Paper Handling Settings

This section includes:

- [Selecting Tray 1 Mode](#) on page 4-9
- [Setting the Duration for the Tray 1 Prompt](#) on page 4-11
- [Setting the Duration for the Tray 2–N Prompt](#) on page 4-12
- [Changing the Load Paper Timeout](#) on page 4-13
- [System Security](#) on page 4-14

**Note:** For information about selecting options for specific copy, scan, and fax functions, see [Copying, Scanning, or Faxing](#) in the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

### Selecting Tray 1 Mode

The Tray 1 Mode setting specifies:

- How Tray 1 paper type and size are determined when you load paper in the tray but do not select the paper type and size on the control panel.
- When Tray 1 is used for print jobs.

Setting	Description
<b>Dynamic</b> (Factory default setting)	<ul style="list-style-type: none"> <li>■ Uses the settings from the next print job that prints from Tray 1 to determine the paper size and type.</li> <li>■ System will print from Tray 1 when specified in the print job or when no other tray has the job's requested paper size and type.</li> </ul>
<b>Static</b>	<ul style="list-style-type: none"> <li>■ The paper size and type already set for Tray 1 stay in effect.</li> <li>■ System will print from Tray 1 when specified in the print job or when no other tray has the job's requested paper size and type.</li> </ul>
<b>Automatic</b>	<ul style="list-style-type: none"> <li>■ Uses the settings from the next print job that prints from Tray 1 to determine the paper size and type.</li> <li>■ System will print from Tray 1 when paper is loaded, unless a different tray is specified in the printer driver.</li> </ul>

To select the Tray 1 mode setting, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To select a Tray 1 mode setting on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **Paper Handling Setup**, and then press the **OK** button.
4. Select **Tray 1 Mode**, and then press the **OK** button.
5. Select the appropriate setting, and then press the **OK** button.

### Using CentreWare IS

To select a Tray 1 mode setting using CentreWare IS:

1. Launch your web browser.
2. Enter the system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar, and then select **System Defaults**.
5. Select the appropriate setting in the **Tray 1 Mode** drop-down list.
6. Click the **Save Changes** button at the bottom of the page.

## Setting the Duration for the Tray 1 Prompt

The Tray 1 prompt setting specifies the amount of time the prompt displays on the control panel after paper is loaded in the tray. The Tray 1 prompt requests that the user confirm the current tray setup or specify the correct paper type and size for the print job.

Duration	Behavior
<b>None</b> (Factory default setting)	Turns the tray setup prompt off.
<b>30 Seconds</b>	Displays the tray setup prompt for 30 seconds after paper is loaded in Tray 1.
<b>Infinite</b>	Displays the tray setup prompt after paper is loaded in Tray 1 until a control panel selection is made. The system will not print until a selection is made.

To select a Tray 1 prompt setting, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To select the Tray 1 prompt setting on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **Paper Handling Setup**, and then press the **OK** button.
4. Select **Tray 1 Prompt**, and then press the **OK** button.
5. Select the appropriate duration, and then press the **OK** button.

### Using CentreWare IS

To select the Tray 1 prompt setting using CentreWare IS:

1. Launch your web browser.
2. Enter the system's IP address in the browser's **Address** field (http://xxx.xxx.xxx.xxx).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar, and then select **Printer Defaults**.
5. Select the appropriate setting in the **Tray 1 Prompt** drop-down list.
6. Click the **Save Changes** button at the bottom of the page.



## Setting the Duration for the Tray 2–N Prompt

The Tray 2–N prompt setting specifies the amount of time the prompt displays on the control panel after paper is loaded in Trays 2–N. The Tray 2–N prompt requests the user to confirm the current tray setup or to specify the correct paper type for the print job.

Setting	Behavior
<b>None (Default)</b>	Turns the tray setup prompt off.
<b>30 seconds</b>	Displays the tray setup prompt for 30 seconds after paper is loaded in Trays 2–N.
<b>Infinite</b>	Displays the tray setup prompt after paper is loaded in Trays 2–N until a selection is made on the control panel.

To select a duration setting for Tray 2–N prompts, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To select the Tray 2–N prompt setting on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **Paper Handling Setup**, and then press the **OK** button.
4. Select **Tray 2–N Prompt**, and then press the **OK** button.
5. Select the appropriate duration, and then press the **OK** button.

### Using CentreWare IS

To select the Tray 2–N prompt setting using CentreWare IS:

1. Launch your web browser.
2. Enter the system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select **General** on the left sidebar, and then select **System Defaults**.
5. Select the appropriate prompt setting in the **Tray 2–N Prompt** drop-down list.
6. Click the **Save Changes** button at the bottom of the page.

## Changing the Load Paper Timeout

When your print job is formatted for a type or size of paper that is not loaded in the system, the system's control panel displays a message requesting you to load the appropriate paper. The Load Paper Timeout value controls the amount of time the system waits before printing on another type or size of paper.

To change the Load Paper Timeout value, use one of the following options:

- The system's control panel
- CentreWare IS

### Using the Control Panel

To change the Load Paper Timeout value on the control panel:

1. Press the **System** button.
2. Select **General Setup**, and then press the **OK** button.
3. Select **Paper Handling Setup**, and then press the **OK** button.
4. Select **Load Paper Timeout**, and then press the **OK** button.
5. Scroll to the desired timeout value. The values (**None**, **1**, **3**, **5**, or **10** minutes, **1** hour or **24** hours) indicate the length of time you want the system to wait for you to load paper before printing. If you select a value of **None**, the system does not wait for paper to be inserted and immediately picks paper from the default tray.
6. Press the **OK** button to save the change.

### Using CentreWare IS

To change the Load Paper Timeout value using CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **General** folder on the left sidebar, and then select **System Defaults**.
5. Scroll to the desired **Load Paper Timeout** value in **Timeout Settings**. The values (**None**, **1**, **3**, **5**, or **10** minutes, **1** or **24** hours) indicate the length of time you want the system to wait for you to load paper before printing. If you select a value of **None**, the system does not wait for paper to be inserted and immediately picks paper from the default tray.
6. Click the **Save Changes** button at the bottom of the screen.

# System Security

This section includes:

- [Selecting Administrative Settings](#) on page 4-14
- [Selecting Printing Security Settings](#) on page 4-15
- [Selecting the Secure Socket Layer \(SSL\) Settings](#) on page 4-15
- [Locking the Control Panel Menus](#) on page 4-15

CentreWare IS enables you to configure varying levels of user access, system feature authorization, and control panel selections in the following settings:

- Administrative Security Settings
- Printing Security Settings
- Secure Socket Layer (SSL) Setting
- Control Panel Lockout Setting

For more information about these settings, click the **Help (?)** button in CentreWare IS.

**Note:** For information about managing security settings for copy, scan, and fax functions, see [Copying, Scanning, or Faxing](#) in the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

## Selecting Administrative Settings

Administrative settings in CentreWare IS enable you to select settings based on three levels of user security:

- **Any user:** Includes the majority of people who will be sending print jobs to the system.
- **Key user:** A person who has some administrative responsibilities and who manages some or all of the system functions.
- **Administrator:** The person with the ultimate management responsibility and authority for controlling all functions of the system.

To prevent unauthorized changes to system settings, select appropriate user rights in CentreWare IS:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **Security** folder on the left sidebar, and then select **Administrative Security Settings**.
5. Enter the appropriate **Administrator** and **Key User** information.
6. Select the appropriate feature authorization settings for each user category in the **Feature Authorization** table.
7. Click the **Save Changes** button at the bottom of the screen.

## Selecting Printing Security Settings

Printing security settings enable you to:

- Remove unprinted secure, personal, and proof jobs.
- Overwrite hard drive security options.
- Select jam recovery options.

To set printing security settings:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **Security** folder on the left sidebar, and then select **Printing Security Settings**.
5. Select the appropriate options.
6. Click the **Save Changes** button at the bottom of the screen.

## Selecting the Secure Socket Layer (SSL) Settings

To configure a secure connection between the system and the server:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **Security** folder on the left sidebar, and then select **SSL**.
5. Select the appropriate options.
6. Click the **Save Changes** button at the bottom of the screen.

## Locking the Control Panel Menus

Lock the control panel menus to prevent others from changing settings in the system setup menus. To lock or unlock the system's control panel menus:

1. Launch your web browser.
2. Enter your system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select the **Security** folder on the left sidebar, and then select **Control Panel Lockout**.
5. Click the checkbox for each control panel menu item you want to lock.
6. Click the **Save Changes** button at the bottom of the page.

## Analyzing System Usage

This section includes:

- [Job Accounting](#) on page 4-16
- [Usage Profile Reports](#) on page 4-17
- [MaiLinX Alerts](#) on page 4-18
- [Xerox Usage Analysis Tool](#) on page 4-19

**Note:** For information about managing transmission report options, secure faxes, and printing fax reports, see [Faxing](#) in the *User Guide* at [www.xerox.com/office/8510\\_8560support](http://www.xerox.com/office/8510_8560support).

### Job Accounting

Job accounting is available through CentreWare IS and CentreWare Web.

The system stores information about print jobs in a log file. The log file is stored on the hard drive.

The log file lists job records. Each record contains fields such as user name, job name, pages printed, job times, and toner or ink used. Not all fields are supported by all systems. For more information, go to the *CentreWare IS Online Help* or *CentreWare Web Online Help*.

The job accounting values reported vary depending on the protocol and print command used when each job was printed. For example, using NPRINT over NetWare provides the system with the most information about the job being printed. When using Windows and NetWare, the job name is often LST: or LST:BANNER. Other jobs from other ports may provide less information about the job.

### Using CentreWare IS

To access job accounting information using CentreWare IS:

1. Launch your web browser.
2. Enter the system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. On the right side of the main CentreWare IS page, click **Jobs**.

The Job Accounting Links page provides links that enable you to browse, download, and clear job accounting records.

For complete information on CentreWare IS job accounting, including clearing job information, downloading job information to a file, and job accounting file formats, click the **Help** button in CentreWare IS to go to the *CentreWare IS Online Help*.

## Usage Profile Reports

The system generates reports accessible through CentreWare IS that detail device usage. Usage profile reports track multiple items, including:

- System information, such as system name, date installed, total pages printed, options installed, and network ID.
- Supplies usage data, such as toner or ink. By tracking supplies usage, you can order supplies before they reach their end of life.
- Media and tray information, such as how often prints are made on paper compared to transparencies, and how often each tray is used.
- Job characteristics, such as size and timing of jobs.

To set up usage profile reporting:

1. Launch your web browser.
2. Enter the system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Select **Jobs**.
4. Select **Usage Profile Reports** on the left sidebar.
5. Click the **Usage Profile Properties** link. Follow the instructions on the page to set up reports.
6. Click the **Save Changes** button at the bottom of the screen.

For complete information about usage profile reporting, including descriptions of each field in the report, click the **Help** button in CentreWare IS to go to *CentreWare IS Online Help*.

## Using CentreWare IS

To send a usage profile report using CentreWare IS:

1. Enter the system's IP address in your browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
2. Click **Jobs**.
3. Select **Usage Profile Reports** on the left sidebar.
4. Enter the desired email address in the **Send to Specific Address** field.
5. Click the **Send Usage Profile Report** button.

**Note:** To send usage profile reports using email, MaiLinX must be properly set up. See [MaiLinX Alerts](#) on page 4-18.

## MaiLinX Alerts

MaiLinX alerts enable the system to automatically send email to the system administrator and others under the following conditions:

- When system errors, warnings, and alerts occur.
- When the system requires attention (for example, when service is required or supplies need to be replenished).
- When a reply to a CentreWare IS Remote Internet Printing message is desired. For more information about CentreWare IS Remote Internet printing, click the **Help** button in CentreWare IS to go to *CentreWare IS Online Help*.

Three designated users can receive messages:

- SysAdmin
- Service
- Key

System messages reporting errors, alerts, and warnings can be individually assigned to any of these users. You can customize the message text and the subject line in the Status Notification messages. Status Notification is supplied by the system's Simple Mail Transport Protocol (SMTP) client.

## Setting Up CentreWare IS Status Notification

To set up status notification using CentreWare IS:

1. Launch your web browser.
2. Enter the system's IP address in the browser's **Address** field (<http://xxx.xxx.xxx.xxx>).
3. Click **Properties**.
4. Select **Mail Alerts** on the left sidebar. Follow the instructions on the page to select mail alert options.
5. Click the **Save Changes** button at the bottom of the screen.

For complete information about CentreWare IS Status Notification, click the **Help** button in CentreWare IS to go to *CentreWare IS Online Help*.

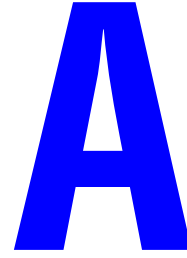
## **Xerox Usage Analysis Tool**

The Xerox Usage Analysis Tool is a Windows client/server application that enables system administrators to automatically track Xerox system usage and obtain job accounting records. The tool supports large networks with many users and systems. Job accounting and system usage data is stored in a database. The application can be run on multiple clients using a single server. The data can be exported to a spreadsheet for viewing, analysis, and billing.

Go to [www.xerox.com/office/uat](http://www.xerox.com/office/uat) for complete information about using the Xerox Usage Analysis Tool provided by the application's online help system.



# Printer Specifications



## Physical Specifications

### Base Unit

- Width: 532 mm (20.9 in.)
- Depth: 665 mm (26.2 in.)
- Height: 620 mm (24.4 in.)
- Weight: 43 kg (93 lb.)

### Optional 525-Sheet Feeder

Height: 135 mm (5.3 in.)

### Optional Cart

- Width: 500 mm (19.7 in.)
- Depth: 670 mm (27 in.)
- Height: 360 mm (14.2 in.)

## Environmental Specifications

### Temperature

- Storage: -30° to 60° C / -22° to 140° F
- Operating: 10° to 32° C / 50° to 90° F

### Relative Humidity

- Storage: 10% to 95% (non-condensing)
- Operating: 10% to 80% (non-condensing)

### Electrical Specifications:

- 100-120 VAC, 60 Hz
- 100-240 VAC, 50-60 Hz

## Performance Specifications

### Resolution

Maximum Resolution: 600 x 600 dpi

### Print Speed

- Phaser 8510MFP Multifunction Product: Up to 24 pages per minute
- Phaser 8560MFP Multifunction Product: Up to 30 pages per minute
- Up to 30 pages per minute (ppm) from document feeder

### Copy Speed

- First copy in job: Less than 15 seconds per page
- Remaining copies in job: Same as printer speed

## Controller Specifications

800 MHz processor

### Memory

- 512 MB RAM
- Upgradable to a maximum of 1 GB

### Page Description Languages (PDL)

- PCL5c
- Adobe PostScript 3

### Residential Fonts

- 139 PostScript Type 1
- 81 PCL5c

### Interfaces

- Ethernet 10/100 Base Tx
- Universal Serial Bus (USB 2.0)

# Regulatory Information

# B

Xerox has tested this product to electromagnetic emission and immunity standards. These standards are designed to mitigate interference caused or received by this product in a typical office environment.

## **United States (FCC Regulations)**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy. If it is not installed and used in accordance with these instructions, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiver.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Any changes or modifications not expressly approved by Xerox could void the user's authority to operate the equipment. To ensure compliance with Part 15 of the FCC rules, use shielded interface cables.

## **Canada (Regulations)**

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

## European Union

**Warning:** This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.



The CE mark applied to this product symbolizes Xerox's declaration of conformity with the following applicable Directives of the European Union:

### Low Voltage Directive 73/23/EEC as amended

---

EN 60950-1:2001

---

EN 60825-1:1994+A1:2001+A2:2002

---

### Electromagnetic Compatibility Directive 89/336/EEC as amended

---

EN 55022:1998+A1:2000 +A2:2003

---

EN 55024:1998+A1:2001 +A2:2003

---

EN 61000-3-2:2000

---

EN 61000-3-3:1995+A1:2001

---

### Radio & Telecommunications Terminal Equipment Directive 1999/5/EC as amended

---

EN 300 330-2 V1.1.1

---

EN 300 440-2 V1.1.1

---

EN 301 489-3 V1.3.1

---

This product, if used properly in accordance with the user's instructions, is neither dangerous for the consumer nor for the environment.

A signed copy of the Declaration of Conformity for this product can be obtained from Xerox.

# Material Safety Data Sheet

# C

For Material Safety Data information regarding your Phaser 8510/8560MFP product, go to:

- United States and Canada: [www.xerox.com/msds](http://www.xerox.com/msds)
- European Union: [www.xerox.com/environment\\_europe](http://www.xerox.com/environment_europe)

For the Customer Support Center phone numbers, go to [www.xerox.com/office/contacts](http://www.xerox.com/office/contacts).

# Product Recycling and Disposal



## All Countries

If you are managing the disposal of your Xerox product, please note that the product may contain lead, mercury, and other materials whose disposal may be regulated due to environmental considerations in certain countries or states. The presence of lead and mercury is fully consistent with global regulations applicable at the time that the product was placed on the market.

## European Union

Some equipment may be used in both a domestic/household and a professional/business application.

## Domestic/Household Environment



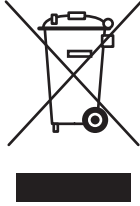
Application of this symbol on your equipment is confirmation that you should not dispose of the equipment in the normal household waste stream.

In accordance with European legislation, end of life electrical and electronic equipment subject to disposal must be segregated from household waste.

Private households within EU member states may return used electrical and electronic equipment to designated collection facilities free of charge. Please contact your local disposal authority for information.

In some member states, when you purchase new equipment, your local retailer may be required to take back your old equipment free of charge. Please ask your retailer for information.

## Professional/Business Environment



Application of this symbol on your equipment is confirmation that you must dispose of this equipment in compliance with agreed national procedures.

In accordance with European legislation, end of life electrical and electronic equipment subject to disposal must be managed within agreed procedures.

Prior to disposal, please contact your local dealer or Xerox representative for end of life takeback information.

## North America

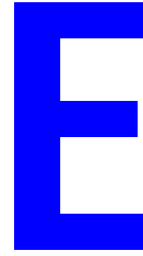
Xerox operates an equipment takeback and reuse/recycle program. Contact your Xerox sales representative (1-800-ASK-XEROX) to determine whether this Xerox product is part of the program. For more information about Xerox environmental programs, visit [www.xerox.com/environment.html](http://www.xerox.com/environment.html) or for recycling and disposal information, contact your local authorities.

In the United States, you may also refer to the Electronic Industries Alliance website at [www.eiae.org](http://www.eiae.org).

## Other Countries

Please contact your local waste authorities and request disposal guidance.

# Acknowledgements



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