



color laser printer

Reference Guide

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Operation on Windows Software

System Requirements for the Printer Driver

Before installing the printer driver, make sure that your system meets the following system requirements:

Computer	Pentium 2: 400 MHz (Pentium 3: 500 MHz or higher is recommended.)
Connecting the computer and printer	USB connection, network connection (10Base-T/100Base-TX)
Operating system	Microsoft Windows XP Home Edition/ Professional (Service Pack 1 or later), Windows Server 2003, Windows 2000 (Service Pack 4 or later), Windows 98SE
RAM	More than OS recommendation (128 MB or more is recommended.)
Available disk space	256 MB or more (for storing images)

Installing the Printer Driver



Before proceeding with the installation, be sure to exit all running applications.

Windows 2000



The procedure for installing the printer driver on Windows 2000 is described below. The following procedure or some steps may be different depending on the version of the operating system being used. Complete the installation according to the instructions on the dialog boxes that appear.

- 1 Insert the Phaser 6120 Software and Documentation CD-ROM in the CD/DVD drive of your computer.
- 2 Select your desired language from the list.
- 3 Select Install Printer Driver.

XEROX		
Install Printer Driver	Thank you for choosing a Printers.	ward winning Xerox
<u>Documentation</u> <u>Register Printer</u>		
Color Connection Alternative Drivers		
Printer Management Tools		
Commode manage		
	Change Language	Exit Program

4 Check the details of the License Agreement, and click **I Agree** if you agree to the terms of the license.



5 Select your printer from the list or enter the IP address.

• Select From the Fo	llowing Discovered Printe	rs: Advanced Searc
Printer Name	Port Value	Configuration
Phaser 6120-800F	13.62.124.171	Xerox Phaser 6120
Phaser 6120-8009	13.62.124.205	Xerox Phaser 6120
Phaser 6120-3A38	13.62.127.237	Xerox Phaser 6120
Fridsei 0120-3103	13.02.127.233	

6 Click the Install button.

Specifying Page Setup Settings

The following dialog box appears when **Page Setup...** is selected from the **File** menu in the application being used. This example shows Microsoft Word.

1 Select Page Setup... from the File menu. The Page Setup dialog box appears.

Topy		Preview
Tob:		
Bottom:	1" 🚖	
Le <u>f</u> t:	1.25"	
Rig <u>h</u> t:	1.25"	
Gutter:	0"	
From edge		
He <u>a</u> der:	0.5" 🚖	
Footer <u>:</u>	0.5"	Apply_to: Whole document
Mirror r	margins	Gutter position
C 2 page	s ner sheet	Left C Top

You can select the following tabs.

Tab	Description
Margins	This is used to specify the settings for the paper margins.
Paper Size	This is used to specify the paper size for the document.
Paper Source	This is used to check the print tray settings.
Layout	This is used to specify the page layout when printing.

Margins

The **Margins** tab is used to specify the settings for the paper margins.

Page Setup		the second s	<u>? ×</u>
Margins F	aper Size Paper Sourc	ce <u>L</u> ayout	
<u>T</u> op:	1"	Preview	
Bottom:	1"		
Le <u>f</u> t:	1.25"		
Rig <u>h</u> t:	1.25"		
G <u>u</u> tter:	0"		
From edge	A		
He <u>a</u> der:	0.5"		«
Footer <u>:</u>	0.5"	Apply to: Whole document	•
Mirror r	margins	Gutter position	
∏ <u>2</u> page	s per sheet	● Left C Top	
Default		ОК	Cancel

Printer Margins

Enter the dimensions for the top, left, right, and bottom margins.

Gutter

Enter the amount of extra space you want to add to the margin for binding.

From edge

Enter the distance you want between the edge of the page and the top of the header or bottom of the footer.

Paper Size

Paper_size:	Preview
Vidth: 8.5"	
Height: 11"	
Orientation	
	Apply to: Whole document

The **Paper Size** tab is used to specify the paper size for the document.

Paper Size

Select a predefined paper size or enter the dimensions of the paper height and width for the custom paper size.

Height: 148 - 356 mm (5.9 - 14.0 in.) Width: 92 - 216 mm (3.6 - 8.5 in.)

Orientation

Select either a vertical or horizontal page orientation for printouts.

Paper Source

The **Paper Source** tab is used to specify tray selection.

Page Setup	<u>? ×</u>
Margins Paper Size Paper Source Eirst page: Default tray (Auto) Auto Tray1	Layout
Other pages: Default tray (Auto) Auto Tray1	
	Apply_co: Whole document

First page

Select the tray you want for the first page.

Other pages

Select the tray you want for the rest of the pages.

The Layout tab is used for specifying the page layout when printing.

Page Setup	<u>? ×</u>
Margins Paper Size Paper Source Section start: New page Headers and footers Different gdd and even Different first page Vertical alignment:	Preview
Тор	
☐ Suppress endnotes	Apply to: Whole desument
Line Numbers	Apply to: Whole document
Borders	
Default	OK Cancel

Section start

Determines where you want the current section to start.

Headers and Footers

Select the **Different odd and even** check box to create one header or footer for even-numbered pages and a different header or footer for odd-numbered pages. Select the **Different first page** check box to create a different header or footer for the first page of a section or document.

Vertical alignment

Select the way you want to align text vertically between the top and bottom margins. The justified setting affects only full pages.

Specifying Print Settings

The following dialog box appears when **Print...** is selected from the **File** menu in the application being used.

- 1 Select **Print...** from the **File** menu. The **Print** dialog box appears.
- Select the Phaser 6120 in the Name pop-up menu. The Properties button is used to specify the following print options.

Print		? :
Printer Name:	Bbacar 6120-B00E DS	Properties
Status: Type: Where: Comment:	Idle XEROX Phaser 6120 PS	Print to file
Page range	t page C Selection numbers and/or page ranges by commas. For example, 1,3,5–12	Copies Number of copies:
Print <u>w</u> hat: P <u>ri</u> nt:	Document	Zoom Pages per sheet: 1 page Scale to paper size: No Scaling
Options		OK Cancel

Tab	Description
Advanced	This tab is used to specify the PostScript output method and whether or not error messages of a print job are printed.
Basic	This tab contains options to adjust the basic media settings.
Layout	This tab contains options for specifying the page layout when printing.
Cover Page	This tab contains options for specifying cover page settings.
Overlay	This tab contains options to adjust settings that affect the overlay print function.
Watermark	This tab contains options for adding a watermark to the background of the page.

Tab	Description
Quality	This tab contains options for print quality settings.
Version	This is used to view information about the printer driver.

Advanced

The **Advanced** tab is used to specify the PostScript output method and whether or not error messages of a print job are printed.

Phaser 6120-B00F P5 Document Properties	<u>?</u> ×
Advanced Basic Layout Cover Page Overlay Watermark Quality Version	
KERCX Phaser 6120 PS Advanced Document Settings Advanced Printing Features: Enabled PostScript Options PostScript Pass through: Enable	
OK Ca	ncel Help

Document Options

Lists available printing options such as Advanced Printing Features (which makes options like Page Order and Page Per Sheet) or Booklet Printing (prints two pages side by side on one sheet).

PostScript Options Lists the available PostScript options such as Mirrored Output, which allows you to print a mirror image of your document.

Basic

The **Basic** tab is used to specify the orientation, size, paper source, and number of copies of a print job.

etter (8.5x11 inch)	Saved Settings	🕵 Defaults	✓ Save	Edit
• .etter (8.5x11 inch)	Orientation	trait Idscape	Copies	199) allate
	Same as Original Zoom (25%40 © Auto © Manual Paper Source	Size •	Normal	1 ngs
	Auto Paper Type Printer Default	•	XER	OX.
Printer View				Default

Orientation

Select either a vertical or horizontal page orientation for printouts.

- Original Size Specifies the paper size from the application.
- Output Size Specifies the paper size for printer output.
- Paper Source Select the print tray settings.
- Paper Type Allows you to select the type of paper on which the print image will be printed.
- Copies

This specifies the number of copies to be printed. If the **Collate** check box is selected, all pages in the documents are printed as sets of printouts. For example, if 5 is entered for **Copies** and **Collate** is selected, the document is printed five times from the first page to the last page.

Layout

The Layout tab contains options for specifying the page layout when printing.

Phaser 6120-B00F P5 Document	Properties	Statement of the local division of the			?)
Advanced Basic Layout Cover P	age Overlay Waterm	ark Quality Versio	n		
Letter (8.5x11 inch)	Saved Settings	🗱 Defaults	•	Save	Edit
Letter (8.5x11 inch)	Pages/Sheet	0	D Print or	n Both Sides	
	1	•		Single-Sided	*
	Pages/She	et Details	Binding	Position	
	Botate 180			Long Edge	-
			V	ED	VC
			\wedge	EK	JA.
Printer View					Default
		0	ĸ	Cancel	Help

Saved Settings

Enables you to create and edit customized driver settings. You can then adjust the printer settings by selecting the desired name from the Saved Settings list.

Pages/Sheet

Specifies the number of pages to be printed on one sheet of paper. For example, if **2** is selected, two pages are printed on one sheet of paper.

Print on Both Sides

The option to print on both sides of a sheet are only available when the duplex option is installed.

Binding Position

Long Edge: Two-sided printing is performed with the binding along the long edge of the paper.

Short Edge: Two-sided printing is performed with the binding along the short edge of the paper.

Cover Page

The **Cover Page** tab contains options for specifying cover page settings.

Phaser 6120-B00F P5 Docume	nt Properties			2
dvanced Basic Layout Cove	r Page Overlay Water	mark Quality Versio	m	
Letter (8.5x11 inch)	Saved Settings	🧱 Defaults	✓ Save	Edit
Letter (8.5x11 inch)	Front Cover Pag	•	Separator Page	
	None None	-	None None	1
	Front Cover	Paper Source	Separator Pag	e Paper Source
	Auto	Ľ	Jeuto	
	Back Cover Pag	e		
5				
	Auto	raper source		
-) u				
			XER	OX.
Printer View			[Default
)K Cancel	Help

Front Cover Page Allows you to select a blank cover page at the front of the document.

- Back Cover Page Allows you to select a blank cover page at the back of the document.
- Separator Page Allows you to select whether to print a separator page between print jobs.

Overlay

The **Overlay** tab contains options to adjust settings that affect the overlay print function.



Saved Settings

Enables you to create and edit customized driver settings. You can then adjust the printer settings by selecting the desired name from the Saved Settings list.

Overlay

Specifies the overlay file for overlay printing. When a print job is executed, the printer outputs the document with the designated overlay printed on it.

Pages to Print

Specifies the pages on which to print the overlay.

Manage Form File

Opens the Overlay File Management dialog box. You can add overlay files saved on the printer to the overlay list in the driver.

Delete Deletes unnecessary overlay files. Simply deleting a file from the list does not actually delete the file from your computer's hard drive.

Download Manager Starts the Download Manager so you can download overlay files to the printer.

Watermark

The **Watermark** tab contains options for adding a watermark to the background of the page.

	Saved Settings Defaults	Save Edit
	Watermark	
	None CONFIDENTIAL	Add(N)
	TOP SECRET	Edit
	DO NOT COPY	Delete
	C FINAL	
	🔽 Transparent	
-	🗖 1st Page Only	
	F Repeat	
		XEROX.
Printer View		D.(.)

Watermark

Allows you to add a watermark to the page. Select a pre-defined text or click **Add** to create a new watermark. Use **Edit** to adjust the position and text style of the watermark.

Quality

The Quality tab contains options for print quality settings.

Phaser 6120-B00F PS Docume	nt Properties	?
dvanced Basic Layout Cove	r Page Overlay Watermark Qu	ality Version
	Saved Settings	Defaults Save Edit
	Select Color	Resolution
	Color	2400 (Enhanced)
	C Grayscale	
	1	
	47.401	
	Adjust Lolor Auto	1
	Photo Presentation	
	- ICM Custom	
	i)	Font Settings
	Det	
		AERUA.
Printer View		Default
		OK Cancel Help

Saved Settings

Enables you to create and edit customized driver settings. You can then adjust the printer settings by selecting the desired name from the Saved Settings list.

- Select Color Allows you to select color or grayscale.
- Resolution Allows you to select the resolution to be used when printing a document.
- Adjust Color Allows you to select the printer color settings.

Version



This tab is used to view information about the printer driver.

Troubleshooting

Symptom	Solution
The setting in the saved presets is not applied.	Depending on the functions selected for the printer, some preset settings are not saved.
Media type error appears.	If a media type, such as "Transparency," is specified for Tray 1 or Tray 2, a media type error appears and the printer stops. Be sure to specify a media type supported by Tray 1 and Tray 2.
The printer stops responding.	Depending on the operating system, some paper size and paper type combinations are not permitted. If the job was sent with an incorrect combination of settings, the printer stops responding. Be sure to print with the correct combination of paper size and paper type settings.
Checking the version number of the printer	Click the following files, and then select Get Info from the File menu.
driver.	 For Windows 2000: File/Print/Properties/Version
The dialog box displays incorrectly after you select another manufacture's printer and then select the Phaser 6120 again.	Close the Print dialog box, and then open it again.
The custom paper size is different from the size that was set.	Depending on the operating system, the custom paper size settings may change slightly (for example, 5.80 in. may change to 5.79 in.).
When printing 2 pages on a single sheet of paper, the pages are not centered on the paper.	Depending on the operating system, the pages are not centered on the paper when printing two pages on a single sheet of paper with the following paper sizes.
	Legal, Letter Plus, Foolscap, Government Legal, Statement, Folio

Symptom	Solution
When printing multiple copies of multiple pages on a single sheet of paper with Collated selected, the pages are printed continuously.	When printing multiple copies of multiple pages on a single sheet of paper, Collated cannot be selected.
While printing from Adobe Reader, the pages are not correctly collated or the print job is cancelled.	If a printing error occurs with Adobe Reader, print using the Preview application provided by the operating system.

Download Manager

This utility, which can be used only if the optional hard drive is installed, enables fonts and overlay data to be downloaded to the printer hard drive.

- 1 Insert the Phaser 6120 *Software and Documentation CD-ROM* in the CD/DVD drive of your computer.
- 2 Select your desired language from the list.
- 3 Select Download Manager.

XEROX		
Install Printer Driver Documentation Renister Printer	Download Manager is a utility, which allows the user to download and delete color profiles, PS fonts (single-byte only), and overlays from the printer.	
Color Connection		
Alternative Drivers		
Download Manager		
	Change Language	Exit Program

4 Follow the onscreen instructions in the InstallShield Wizard.

E.	Welcome to the InstallShield Wizard for Download Manager	
	The InstallShield(R) Wizard will allow you to modify, repair, or remove Download Manager. To continue, click Next.	
	< Back Next > Cancel	



Operation on Mac OS X

System Requirements for the Printer Driver

Before installing the printer driver, make sure that your system meets the following system requirements:

Computer	Apple Macintosh computer with a PowerPC G3 or later processor (PowerPC G4 or later is recommended.)
Connecting the computer and printer	USB connection, network connection (10Base-T/100Base-TX)
Operating system	Mac OS X version 10.2 or later (Installing the newest patch is recommended.)
RAM	More than OS recommendation (128 MB or more is recommended.)
Available disk space	256 MB or more (for storing images)

Installing the Printer Driver



Before proceeding with the installation, be sure to exit all running applications.

Mac OS X 10.4



The procedure for installing the printer driver on Mac OS X version 10.4 is described below. The following procedure or some steps may be different depending on the version of the operating system being used. Complete the installation according to the instructions on the dialog boxes that appear.

- 1 Insert the Phaser 6120 Software and Documentation CD-ROM in the CD/DVD drive of your Macintosh.
- 2 Click the CD icon on the desktop.

Phaser 6120

3 Click the Install Phaser 6120 icon.



4 Check the details of the License Agreement, and click Accept if you agree to the terms of the license.

License	
LICENSE AGREEMENT FOR SOFTWARE AND TYPEFONT DATA	0
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DEFINITIONS.	
"Program Materials" means the software product (executable program and/or data) provided with this Agreement or included within the equipment with which this Agreement is packed.	
Print Save As Decline Accept	•
5 Click Install Printer Driver.

January Delineary		
Install Printer Driver		
Register Printer		
Color Connection		
Download Manager		

6 If necessary, enter your username and password to continue. Click OK.

	Authenticate
Install Pha your pass	ser 6120 PPD requires that you type word.
Name:	John Doe
Password:	
▶ Details	
0	Cancel OK

The Install Phaser 6120 dialog box appears.

7 Click Install.



Installation starts.

8 After the installation has been completed, click Quit.



This completes the installation of the Phaser 6120 PPD.

Printer Setup Utility Settings

Using a USB Connection

- 1 Use a USB cable to connect the printer to your computer.
- 2 Open **Printer Setup Utility**, which can be accessed by selecting Macintosh HD, **Applications**, and then **Utilities**.
- 3 In the Printer List, click Add.



- 4 Select USB from the menu.
- 5 Type Phaser 6120 in the Name list.
- 6 Select Xerox Phaser 6120 from the Printer Using menu if it did not default to the correct name.

ault Browser	IP Printer	Search	
Printer Name		Connection	T
Phaser 6120		AppleTalk	đ
Phaser 6120		USB	0
Phaser 6120-1		AppleTalk	4
Phaser 6120-2		AppleTalk	
Phaser 6120-3		AppleTalk	
Phaser 6120-4		AppleTalk	
Phaser 6120-5		AppleTalk	1
Phaser 6120-6		AppleTalk	
Name:	Phaser 6120		
Location:	Power Mac G4 (AGP graphi	cs)	
Print Using:	Xerox Phaser 6120		\$

7 Click Add.



The new printer appears in the Printer List screen.

Macintosh OS X 10.2.x and 10.3.x

- 1 Insert the Phaser 6120 *Software and Documentation CD-ROM* in the CD/DVD drive of your Macintosh.
- 2 Open **Printer Setup Utility** for 10.2.x or 10.3.x, which can be accessed by selecting Macintosh HD, **Applications**, and then **Utilities**.
- 3 Confirm that the first drop-down menu is set to **Bonjour** (**Rendezvous**).
- 4 Select the printer in the printers window.
- 5 Select Xerox from the list of manufacturers in the lower drop-down menu.
- 6 Select the appropriate printer model from the list of available printers.
- 7 Click the Add button.

Using a Network Connection

The network connection settings can be specified in one of two ways:

- AppleTalk
- IP Printing

Using AppleTalk

- 1 Connect the printer to an Ethernet network.
- 2 Open **Printer Setup Utility**, which can be accessed by selecting Macintosh HD, **Applications**, and then **Utilities**.
- 3 Click Add in the Printer List.

Make Default Add Delete Utility ColorSync Show Info In Menu Name Astaus Kind Host	000			Printer	List		\bigcirc
Make Default i Add Delete Utility ColorSync Show Info	<u>à</u>		A-6	×	0		
In Menu Name Status Kind Host	Make Default	Add Delet	e Utility	ColorSync	Show Info		
	In Menu Name			Status	Kind	Host	

- 4 Select AppleTalk from the menu.
- 5 Type Phaser 6120 in the Name list.
- 6 Select Xerox Phaser 6120 from the Printer Using pop-up list.

e la	æ	Q	
fault Browser	IP Printer	Search	
Printer Name		La Connection	-
Phaser 6120		AppleTalk	
Phaser 6120-1		AppleTalk	0
Phaser 6120-2		AppleTalk	6
Phaser 6120-3		AppleTalk	
Phaser 6120-4		AppleTalk	
Phaser 6120-5		AppleTalk	
Phaser 6120-6		AppleTalk	
Phaser 6200DP		AppleTalk	
Name:	Phaser 6120		
Location:	WV 60/61		
Print Using:	Xerox Phaser 612	0	;

7 Click Add.



The new printer appears in the Printer List screen.

Using IP Printing

- 1 Connect the printer to an Ethernet network.
- 2 Open **Printer Setup Utility**, which can be accessed by selecting Macintosh HD, **Applications**, and then **Utilities**.
- 3 Click Add in the Printer List.



4 Select IP Printing from the menu bar.

900	Pi	rinter Browser	
đ	9	(Q,+	
efault Browser	IP Printer	Search	
Protocol:	Line Printer D	Daemon - LPD	\$
Address:			
	Enter host name	or IP address.	
Queue:			-
	Leave blank for d	lefault queue.	
Name:			
Location:			
Print Using:	Please select	a driver or printer model	
-			
(?)		More Printers	Add

5 The printer supports Raw TCP (HP JetDirect), LPR, and IPP. We recommend JetDirect - Socket.

Printer	(Q ₇	
P Printer	Se	
		arch
nternet Prin _ine Printer I	ting Protocol – IPP Daemon – LPD	P
HP Jet Direct	– Socket	ف
lid and complet	te address.	
		•
ave blank for de	erauit queue.	
eneric PostS	cript Printer	•
	More Printers)	Add
	nternet Printer Ine Printer IP Jet Direct id and comple ave blank for d	nternet Printing Protocol - IPP Jne Printer Daemon - LPD IP Jet Direct - Socket Id and complete address. ave blank for default queue. Generic PostScript Printer More Printers

- 6 Enter the IP address for the printer in the **Address** text box.
- 7 Type Phaser 6120 in the Name list.
- 8 Select Xerox from the Printer Using pop-up menu.
- 9 Select Xerox Phaser 6120 in the Model list.

	Pr	inter Browser	e
4	(10)	Q	
efault Browser	IP Printer	Se	arch
cidant bronser ;	in trainer		
Protocol:	HP Jet Direct	- Socket	•
Address:	13.62.127.49	<u>)</u>	•
	Valid and comple	te address.	
Queue:			-
	Leave blank for d	efault queue.	
Name:	Phaser 6120		
Location:	[
Print Using:	Xerox		:
	Model	200	
	Xerox Phaser 61	20	-
	Xerox Phaser 620	DOB	
	Xerox Phaser 620	OODP	m
	Xerox Phaser 620	DODX	
	Xerox Phaser 620	NOON	
	Xerox Phaser 62	SOB	×.
	Xerox Phaser 62	50DP	Ť
			(A44)
0		More Printers	Add

- 10 Click Add.
- 11 Select the options that you have on your printer, and then click Continue.

000	Printer Browser
	astallable Ontions
- "	3.62.127.49
Make sure full advan hardware,	your printer's options are accurately shown here so you can take tage of them. For information on your printer and its optional check the documentation that came with it.
🗹 Optio	onal Input Tray
🗹 Optio	onal Hard Disk
🗹 Optic	onal Duplexer
MAU	
LOCADO	
Publicition	
0	Cancel Continue

The new printer appears in the Printer List screen.



Selecting Print Options

- 1 Open **Printer Setup Utility**, which can be accessed by selecting Macintosh HD, **Applications**, and then **Utilities**.
- 2 Select this printer in the **Printer List**, and then select **Show Info** from the **Printers** menu.



3 Select Installable Options from the pop-up menu.

000	Printer Info	
PI	haser 6120	
Printer Na	✓ Name & Location Printer Model Installable Options	
Phaser	6120	
Location:		
WV 60	/61	
Queue Na	me:	
Phaser_	_6120-2	
Host Nam	e;	
Driver Ver	rsion:	
10.4		
PPD File V	ersion:	
0.0.4		
		Apply Changes

4 Select the options that you have on your printer, and then click **Apply Changes**.

000	Printer Info)
	Phaser 6120	
	Installable Options	:
Option	nal Input Tray	
Option	nal Hard Disk	
Option	nal Duplexer	
		(Apply Changes)

5 Close the Printer Info dialog box.

Specifying Page Setup Settings

The following dialog box appears when **Page Setup...** is selected from the **File** menu in the application being used.

1 Select Page Setup... from the File menu. The Page Setup dialog box appears.

00		Untitled
	Settings:	Page Attributes
	Format for:	Any Printer
	Paper Size:	US Letter
	Orientation:	
	Scale:	100 %
?		Cancel OK

2 Select this printer in the **Format for** pop-up menu.

Format for:	✓ Any Printer	D
	Phaser 6120	
Paper Size:	localhost	D
	Rodan on 13.62.81.66	1
Orientation:	11.	1
Scale:	Edit Printer List	

You can select the following sections from the **Settings** pop-up menu.

Section	Description
Page Attributes	This is used to specify the settings for the paper size, scaling, and print orientation.
Save As Default	This is used to save the new settings as the defaults.

Page Attributes Options

The Page Attributes section is used to specify the settings for the paper size, scaling, and print orientation.

Format for:	Phaser 6120	
	Xerox Phaser 6120	
Paper Size:	US Letter	=
	8.50 in x 11.00 in	
Orientation:	ti te	t 🛃
Scale:	100 %	

Paper Size

Select the desired paper size from the Paper Size pop-up menu.

Orientation

Select either a vertical or horizontal page orientation for printouts.

Scale

If you want to enlarge or reduce the size of the printout, enter the scale ratio here (1-100,000%)

Regardless of which paper size is selected, the printer does not print within 0.157 in. (4 mm) of the edge of the paper. For Legal size, the bottom 16 mm is black only. The color printing area only reaches 335.6 mm from the top edge.

Custom Paper Size Options

The **Custom Paper Size** section is found under the Paper Size pop-up menu. It is used to specify the dimensions for a custom paper size.

O Cu	stom Page Size	S	
	Page Size:	– Width	No Selectic Height
	Printer Margi	ns:	
	User defined		Å T
	No Selectic	No Selectic Top	No Selectic
	Left	No Selectic Bottom	Right
+ - Duplicate			
(?)		Cancel	ОК

Page Size

Enter the dimensions of the paper height and width for the custom paper size.

Height: 148 - 356 mm (5.9 - 14.0 in.)

Width: 92 - 216 mm (3.6 - 8.5 in.)

Printer Margins

Enter the dimensions for the top, left, right, and bottom margins.

Duplicate

Click this button to duplicate (copy) the settings of an existing custom paper size and create a new custom paper size based on those settings.

Specifying Print Settings

The following dialog box appears when **Print...** is selected from the **File** menu in the application being used.

- 1 Select **Print...** from the **File** menu. The **Print** dialog box appears.
- 2 Select this printer in the **Printer** pop-up menu. The **Print** dialog box is used to specify the following print options.

Print
Printer: Phaser 6120
Presets: Standard
Copies & Pages
Copies: 1 Collated
Pages: Pages: From: 1 to: 1
? PDF ▼ Preview Supplies Cancel Print

Print Dialog Contents

The Print dialog has a number of items that are always available regardless of which pane is displayed.

	Print	
Printer:	Phaser 6120	÷
Presets:	Standard	\$
	Copies & Pages	•
Copies: Pages:	1	
(?) (PDF v) (Pre-	view Supplies	Cancel Print

- Printer pop-up menu Select the destination printer from the Printer pop-up menu.
- Presets pop-up menu Select standard, custom, or printer-supplied presets from the Presets pop-up menu.
- Copies and Pages pop-up menu Click this button to navigate between panes.
- ? button Click this button to display help information about the Print dialog box.
- PDF button Click this button to save the print output as a PDF file.
- Preview button Click this button to view a preview image of the printout, to check that the print options are set correctly.
- Supplies button Click this button to display the manufacturer's web page of recommended supplies for the printer.
- Cancel button Click this button to close the Print dialog box without applying any of the settings.
- Print button Click this button to print using the selected print options.

Print Dialog Panes

Print		
Printer:	Phaser 6120	•
Presets:	Standard	•
Copies: Pages: ? PDF V Prev	✓ Copies & Pages Layout Scheduler Paper Handling ColorSync Cover Page Error Handling Paper Feed Quality Adjustment Settings Internet Explorer Supply Levels Summary	Cancel Print

Section	Description
Copies and Pages	This section contains options for the number of copies to be printed and the range of pages to print.
Layout	This section contains options for specifying the page layout when printing.
Scheduler	This section contains options for specifying the print timing and priority of jobs.
Paper Handling	This section contains options for specifying the pages to be printed and their printing order.
ColorSync	This section contains options for specifying ColorSync settings.
Cover Page	This section contains options for specifying cover page settings.
Error Handling	This section contains options for specifying how an error is reported.
Paper Feed	This section contains paper feed options.
Quality Adjustment Settings	This section contains options for print quality settings.

Section	Description
Supply Levels	This section will display the current level of your supplies, such as toner and imaging unit life left.
Summary	This is used to check the current settings.



No warning message is displayed if options that cannot be used together are selected.

Copies and Pages

The **Copies and Pages** section is used to specify the number of copies to print and the range of pages to print.

Print
Printer: Phaser 6120 🗘 Presets: Standard
Copies & Pages
Copies: 1 Collated Pages: All From: 1 to: 1
(?) (PDF ▼) (Preview) (Supplies) (Cancel (Print)

Copies

This specifies the number of copies to be printed. If the **Collated** check box is selected, all pages in the documents are printed as sets of printouts.

For example, if 5 is entered for **Copies** and **Collated** is selected, the document is printed five times from the first page to the last page.

Pages

All: Prints all pages in the document.

From, to: Specifies the range of pages to be printed.

Layout

The **Layout** section is used to specify the page layout when printing and the setting for two-sided printing.

	Print	
Printer: Presets:	Phaser 6120 • Standard • Layout •	
1	Pages per Sheet: 1 Layout Direction: Layout Direction: Layout Direction: Dir	
? PDF V Preview Supplies Cancel Print		

Pages per Sheet

Specifies the number of pages to be printed on one sheet of paper. For example, if **2** is selected, two pages are printed on one sheet of paper.

Layout Direction

If you are printing more than one page per sheet, this specifies the direction and order the pages should be arranged on each sheet of paper.

Border

This prints a border around the image for each of the pages printed on one sheet of paper when more than one page is printed on one sheet of paper.

Two-Sided

Select the desired setting for two-sided printing when the optional duplex unit is installed.

Off:	Two-sided printing is not performed.
Long-edged Binding:	Two-sided printing is performed with the binding along the long edge of the paper.
Short-edged Binding:	Two-sided printing is performed with the binding along the short edge of the paper.

Scheduler

The **Scheduler** section is used to specify the timing and priority for printing jobs.

Print
Printer: Phaser 6120
Presets: Standard
Scheduler
Print Document: Now At 4:00 PM
Priority: Medium 🗘
? PDF Preview Supplies Cancel Print

Print Document

Now: Select this option to begin printing immediately.

At: Specify the time to begin printing.

On Hold: Select this option to hold the print job.

Priority

Select the priority for printing jobs that are being held.

Paper Handling

The **Paper Handling** section is used to specify the pages that are to be printed and the order in which the pages are printed.

Pr	rint
Printer: Phaser 6120 Presets: Standard Paper Handling	•
Page Order: Automatic Normal Reverse	Print: All Pages Odd numbered pages Even numbered pages
Destination Paper Size:	
Use documents paper size:	US Letter
○ Scale to fit paper size: ✓ Scale down only	US Letter
(?) (PDF •) (Preview) (Supplies	Cancel Print

Page Order

Select the order in which you want the document to print.

Print

All pages:	Select this option to print all pages.
Odd numbered pages:	Select this option to print only the pages with odd page numbers.
Even numbered pages	Select this option to print only the pages with even page numbers.

Destination Paper Size Select the output paper size of the job. You can scale to fit or use the current document size.

ColorSync

Print	
Printer: Phaser 6120	•
Presets: Standard	¢
ColorSync	\$
Color Conversion: Standard	÷
Quartz Filter: None	•
? PDF • Preview Supplies	Cancel Print

- Color Conversion Enables you to select host-based color matching or printer-based color matching.
- Quartz Filter Allows you to select Quartz Filter.

Print	
Printer: Phaser 6120	
Presets: Standard 🛟	
Cover Page	
Print Cover Page: None O Before document O After document	
Cover Page Type: Standard	
Billing Info:	
? PDF Preview Supplies Cancel	Print

Print Cover Page Allows you to set cover page before or after document.

- Cover Page Type Allows you to select cover page type.
- Billing Info Allows you to set billing information printed on cover page.

Error Handling

Print	
Printer: Phaser 6120 🛟	
Presets: Standard	
Error Handling	
PostScript Errors	
 No special reporting Print detailed report 	
Tray Switching	
 Use printer's default Switch to another cassette with the same paper size Display alert 	
? PDF Preview Supplies Cancel	Print

PostScript Errors

Allows you to select whether or not a report is printed when a PostScript error occurs.

Tray Switching Select this option to determine the tray switching behavior.

Paper Feed

	Print	
Printer: Phaser	6120	÷
Presets: Standa	iid	•
Paper	Feed	;
 All pages from: 	Auto Select	;
O First page from:	Tray 1	A Y
Remaining from:	Tray 1	A Y
(?) (PDF ▼) (Preview)	Supplies	Cancel Print

The **Paper Feed** section is used to specify the paper feed setting.

All pages from

All pages in the document are printed using the paper in the specified paper tray.

First page from

The first page of the document is printed on paper from a paper tray different from the tray used to print the rest of the document.

Remaining from

The rest of the document is printed from the specified paper tray when the first page is to be printed on paper from a different tray.



Optional **Tray 2** is available only when it is installed.

Quality Adjustment Settings

	Print	
Printer: Phas Presets: Stan Qua	er 6120 🗘	
XEROX.	Quick Color: Auto Resolution: 2400 (Enhanced) Paper Type: Plain Paper Color Mode: Color	•
0.0.3	Details	\supset
? PDF • Preview) Supplies	Cancel Print

Quick Color

Allows you to select a color matching mode.

Resolution

Allows you to select the resolution to be used when printing a document.

Paper Type

Allows you to select the type of paper on which the print image will be printed.

Color Mode

Allows you to select color or grayscale.

Details

Click this button to get access to the custom setup.

Custom Quick Color Details, Image

Procete	(Standard	
Fresets.	Standard	
	Quality Adjustment Settings	
	Image Graphic Text Simulation	
	integer and interesting	1
Image I	RGB Source: sRGB 🛟	
Image	RGB Intent: Photographic	
mager		
Image I	Halftone: Smooth	
	Hide Details)

- Image RGB Source Allows you to select RGB color profiles for images.
- Image RGB Intent Allows you to select RGB rendering intents for images.
- Image Halftone Allows you to select halftone style for images.
- Hide Details Click this button to hide the Detailed Settings tabs and return to the Quality Adjustment Settings pane.

Custom Quick Color Details, Graphics

Print
Printer: Phaser 6120 Presets: Standard Quality Adjustment Settings
Image Graphic Text Simulation Same as settings for Image Same as settings for Text
Hide Details
PDF ▼ Preview Supplies Cancel Print

Graphics Setting

Allows you to indicate how graphics are adjusted for image or text.

Hide Details

Click this button to hide the Detailed Settings tabs and return to the Quality Adjustment Settings pane.

Custom Quick Color Details, Text

	Print	
Printer:	Phaser 6120	
Presets:	Standard 🛟	
	Quality Adjustment Settings	
	Image Graphic Text Simulation	
Text RC	GB Source: sRGB	
Text RC	GB Intent: Vivid	
Text RC	GB Gray Treatment: Black and Gray	
Text Ha	alftone: Detail	
	Hide Details	
? PDF Pre	eview Supplies Cancel Prin	t

- Text RGB Source Allows you to select RGB color profiles for text.
- Text RGB Intent Allows you to select RGB rendering intent for text.
- Text RGB Gray Treatment Allows you to select RGB gray treatment for text.
- Text Halftones Allows you to select halftone style for text.
- Hide Details Click this button to hide the Detailed Settings tabs and return to the Quality Adjustment Settings pane.

Custom Quick Color Details, Simulation

Print
Printer: Phaser 6120 Presets: Standard Quality Adjustment Settings
Image Graphic Text Simulation Simulation Profile: None \$ Simulation Gray Treatment: Composite Black \$ Simulation Match Paper Color
Hide Details
? PDF Preview Supplies Cancel Print

Simulation Profile Allows you to select Source Profile for simulating another printing device.

- Simulation Gray Treatment Allows you to select how grays will be simulated.
- Match Paper Color Allows you to set Match Paper Color.
- Hide Details Click this button to hide the Detailed Settings tabs and return to the Quality Adjustment Settings pane.

Supply Levels

The **Supply Levels** is used to display the current level of your supplies, such as toner and imaging unit life left.

	Print		
Printer:	Phaser 6120	•	
Presets:	Standard	•	
	Supply Levels		
Cyan Toner Cartr	ridge, Phaser 6120, PN113R00693 💳		
Magenta Toner Cartridge, Phaser 6120, PN113R00695			
Yellow Toner Cartridge, Phaser 6120, PN113R00694			
Black Toner Cartridge, Phaser 6120, PN113R00692			
Imaging	Unit, Phaser 6120, PN108R00691 📰		
? PDF • Prev	view Supplies	Cancel Print	

Summary

The **Summary** is used to check the currently selected print settings.

Print			
Printer: Presets:	Phaser 6120 Standard	•	
	Summary	•	
 Copies & Pages Layout Scheduler Paper Handling ColorSync Cover Page Error Handling Paper Feed Quality Adjustme Internet Explorer 	ent Settings		
Expand All Collapse	All		
? PDF V Pre	eview Supplies	Cancel	Print

Troubleshooting

Symptom	Solution
The setting in the saved presets is not applied.	Depending on the functions selected for the printer, some preset settings are not saved.
Media type error appears.	If a media type, such as "Transparency," is specified for Tray 1 or Tray 2, a media type error appears and the printer stops. Be sure to specify a media type supported by Tray 1 and Tray 2.
The printer stops responding.	Depending on the operating system, some paper size and paper type combinations are not permitted. If the job was sent with an incorrect combination of settings, the printer stops responding. Be sure to print with the correct combination of paper size and paper type settings.
Checking the version number of the printer	Click the following files, and then select Get Info from the File menu.
driver.	 For Mac OS X version 10.3: /Library/Printers/Xerox/PDEs/ Xerox phaser6120 Color.plugin
	 For Mac OS X version 10.2: /Library/Printers/PPD Plugins/Xerox phaser6120 Color.plugin
The dialog box displays incorrectly after you select another manufacture's printer and then select the Phaser 6120 again.	Close the Print dialog box, and then open it again.
The custom paper size is different from the size that was set.	Depending on the operating system, the custom paper size settings may change slightly (for example, 5.80" may change to 5.79").
When printing 2 pages on a single sheet of paper, the pages are not centered on the paper.	Depending on the operating system, the pages are not centered on the paper when printing two pages on a single sheet of paper with the following paper sizes.
	Legal, Letter Plus, Foolscap, Government Legal, Statement, Folio
Symptom	Solution
--	---
When printing multiple copies of multiple pages on a single sheet of paper with Collated selected, the pages are printed continuously.	When printing multiple copies of multiple pages on a single sheet of paper, Collated cannot be selected.
While printing from Adobe Reader, the pages are not correctly collated or the print job is cancelled.	If a printing error occurs with Adobe Reader, print using the Preview application provided by the operating system.

Download Manager

This utility, which can be used only if the optional hard drive is installed, enables fonts and overlay data to be downloaded to the printer's hard drive.

- 1 Insert the Phaser 6120 *Software and Documentation CD-ROM* in the CD/DVD drive of your Macintosh.
- 2 Click the CD icon on the desktop.



3 Click the Install Phaser 6120 icon.



4 Check the details of the License Agreement, and click **Accept** if you agree to the terms of the license.

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DEFINITIONS. "Program Materials" means the software product (executable program and/or data) provided with this Agreement or included within the equipment with which this Agreement is packed.	
Print Save As Decline Accept	•

5 Click the Download Manager icon.

XEROX	
Install Printer Driver	
Register Printer	
Color Connection	
Download Manager	
	Exit

6 Enter your username and password to continue. Click OK.



The Download Manager dialog box appears.

7 Click Install.

99	Install DLM	
	Mac Download Manager	
	0.0.3	
nstall Location -		
nstall Location -	stalled on the disk "GladiatorX"	Quit

8 After the installation has been completed, click Quit.



This completes the installation of the Phaser 6120 Download Manager.



Operation on Mac OS 9.X

System Requirements for the Printer Driver

Before installing the printer driver, make sure that your system meets the following system requirements:

Computer	Apple Macintosh computer with a PowerPC G3 or later processor (PowerPC G4 or later is recommended)
Connection between computer and printer	USB connection Network connection (10Base T/100Base TX)
Operating system	Mac OS 9.2.2 or later
RAM	More than OS recommendation (128 MB or more is recommended)
Available disk space	256 MB or more is recommended (for storing images)

Installing the Printer Driver

Mac OS 9.2



The procedure for installing the printer driver on Mac OS version 9.2 is described below. The following procedure or some steps may be different depending on the version of the operating system being used. Complete the installation according to the instructions on the dialog boxes that appear.

- 1 Insert the Phaser 6120 Software and Documentation CD-ROM in the CD/DVD drive of your Macintosh.
- 2 Click the CD icon on the desktop.



3 Click the Install Phaser 6120 icon.



4 Check the details of the License Agreement, and click Accept if you agree to the terms of the license.

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DEFINITIONS.	
"Program Materials" means the software product (executable program and/or data) provided with this Agreement or included within the equipment with which this Agreement is packed.	
Print Save As Decline Accept	•

5 Click Install Printer Driver.

NEIKO/A		
Install Printer Driver		
Register Printer		
Color Connection		
Download Manager		

The Install 6120 dialog box appears.

6 Click Install.

000	Install Phaser 6120 P	PD
	Xerox Phaser 6120	
	0.0.3	
- Install Location		Quit
ttems will be	installed on the disk "GladiatorX" Switch Disk	Install

Installation starts.

7 After the installation has been completed, click Quit.



This completes the installation of the Phaser 6120 PPD.

Selecting the Printer in the Chooser

- 1 Connect the printer and computer.
 - If you are using a USB connection, use the USB cable to connect the printer and your computer.
 - If you are using a network connection, use a 10Base-T/100Base-TX cable to connect the printer to a Ethernet network.
- 2 Select Chooser from the Apple menu.



3 Select the LaserWriter 8 icon from the icons on the left side of the Chooser.

The printer name appears in the **Select a printer** section on the right side of the Chooser.



4 Select the printer.

5 Click Create.

The Printer Setup dialog box appears.

ptional Hard Disk:	Installed	ŧ		
ptional Duplexer:	Installed	\$		

6 Select the options that are installed, and then click **OK**.

The icon for the Phaser 6120 appears on the desktop.

- With a USB connection, **6120** appears.
- With a network connection, **Xerox Phaser 6120** appears.

Specifying Page Setup Settings

The Page Setup dialog box appears when Page Setup... is selected from the File menu

Page Attributes Options

The **Page Attributes** section is used to specify the options for the paper size, scaling, and page orientation.

LaserWriter 8 Page Set	up •	8.7.5
	Format for: Phaser 6120-1	\$
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Paper: Letter	\$
	Scale: 100 %	
	Cancel	ОК

Paper

Select the desired Paper Size from the **Paper** pop-up menu.

■ Scale (%)

If you want to enlarge or reduce the size of the printout, enter the scale ratio (25%-400%) here.

Orientation

Select either a vertical or horizontal page orientation for printouts.



Regardless of which paper size is selected, the printer does not print within 4 mm (0.157 in.) of the edge of the paper.

#### **Specifying a Custom Paper Size**

You can also specify a paper size that is not listed in the **Paper Size** pop-up menu.

- 1 Select Custom Page Sizes... from the pop-up menu, in the Page Setup dialog box.
- 2 Click New.

Custom Page Sizes	•	
17		New       Edit       Delete
		Cancel OK

The Edit Paper Sizes dialog box appears.

Paper Size Width: 0 Height: 0 Width offset: 0 Height offset: 0	Margins Top: 0 Left: 0 Bight: 0 Bottom: 0
Custom Page Size Name:	Custom Page Size 1
Units: inches 🗢	Cancel OK

3 Enter a name for the custom paper size in the **Custom Page Size Name** field, enter the dimensions in the Width and Height fields, enter the margins in Margins fields, and then click OK.

The default units used for the dimensions for Width, Height and Margins is inches. To specify the unit of dimensions, select cm, inches, or pts from the Units pop-up menu.

4 To add several different custom paper sizes, click New and repeat step 3.



To delete an existing custom paper size, select the custom paper size from the list on the center of the dialog box, and then click Delete.

- 5 The custom paper size setting is saved, and the name of the custom paper size can now be selected from the **Paper** pop-up menu.
- 6 After you have finished entering the settings, click **Done**.

## **Specifying Print Settings**

The following dialog box appears when **Print...** is selected from the **File** menu in the application being used.

Printer: Phaser 6120-1 💠	)	Destination	8.7.3 Printer 😫
General Background Printing Color Matching Cover Page	llated		
Font Settings Job Logging Layout Paper Handling Save as File	то рт:	Auto Select	<u>+</u>
Watermark Job Types Quality Adjustment Settings	om: rom:	Tray 1 Tray 1	\$
Image Graphic Text Simulation		Cancel	Print

You can specify the following options from the Print dialog box.

#### **Print Dialog Box Options**

Section	Description
General	This section contains options for the number of copies to be printed, the paper source, and the range of pages to be printed.
Background Printing	This section contains options for spooling the print data for background or foreground printing and the document printing time.
Color Matching	This section contains options for ColorSync Color Matching.
Cover Page	This section contains for specifying cover page settings.
Font Settings	This section contains options for Font Documentation and Font Downloading.
Job Logging	This section contains options for creating a job log.
Layout	This section contains options for the number of pages per sheet of paper and other duplex options.

Section	Description
Paper Handling	This section contains options for specifying the pages to be printed and their printing order.
Save as File	This section contains options for saving the print image as a file and for the format of saved data.
Watermark	This section contains options for watermark settings.
Job Types	This section contains options for Job Types.
Quality Adjustment Settings	This section contains options for print quality adjustment.
Image	This section contains advanced color options for Images.
Graphic	This section contains advanced color options for Graphics.
Text	This section contains advanced color options for Text.
Simulation	This section contains options for Simulation Profile.



No warning message is displayed if options that cannot be used together are selected.

#### **Common Buttons**

Cancel

Click this button to close the Print dialog box without applying any of the settings.

Print

Click this button to print using the selected print options.

Save Settings

Click this button to save configuration changes made in the print dialog. These changes remain as the default settings until the configuration items are changed again.

#### **General Options**

General 🔹		
Pages: @ All From: To	:	
Paper Source: 🖲 All pages from:	Auto Select	¢
🔾 First page from:	Tray 1	\$
Remaining from:	Tray 1	\$

Copies

Allows you to specify how many copies of the print job you want printed.

Collated

If this item is selected, your print job is collated (one complete copy of the document is printed before the next copy is printed). Left unselected, the printing is uncollated.

Pages

Select **All** to print all pages in the open document. To print a specific range of pages, select **From**, and then enter the beginning page number in the **From** text box and the ending page number in the **To** text box.

Paper Source

Allows you to select the tray that the printer uses for the print job and to choose a different tray for the first page of the document, if you have more than one tray installed.

#### **Background Printing**



#### Print In

Allows you to choose between printing in foreground and printing in background. Printing in background creates a spool file that is temporarily saved on your computer until the print job is ready to be processed. This enables you to continue working in your applications while the print job is processing. If you do not have enough free file space on your computer to process a spool file, select Foreground printing.

#### Print Time

Allows you to assign a priority status to the print job and specify a particular time that the print job should be printed.

Print Color:	Color/Grayscale	<b>\$</b>	
Intent:	Auto selection	\$	
Printer Profile:	O Use ColorSync Outpu Generic CMYK Pro	t Profile file	
	Printer's Default	\$	

Print Color

Allows you to choose from the color configurations available on your computer.

Intent

Allows you to specify the color matching configuration or allow for automatic configuration. This item is disabled (grayed out) unless **ColorSync Color Matching** is the selected **Print Color** setting.

Printer Profile

Allows you to select from the printer profiles that are available.

#### **Font Settings**

F		
Font Documentation		
Annotate Font Key	5	
Font Downloading		
Changes from the Default Set	tings may affect printing	ig performance or appearance.
Proferred Format:		Тупа
ricicii curuinat. @	enyper Onue	Type
Alumnus descente ed.	neenen innts	
Always download	inceaca iones	
Always download	pe 42 format	Use Defaults

- Font Documentation
  - Annotate Font Keys: Allows you to determine if the font keys are annotated.
- Font Downloading
  - Preferred Format: Allows you to select the preferred font format.
  - Always download needed fonts: If selected, fonts should always be downloaded to the printer. Printer fonts are not used.
  - Never generate Type 42 format: If selected, Type 42 fonts are not generated.
  - Use Defaults:

Restores factory default settings for font downloading.

#### Job Logging

ob Logging	÷			
If there is a PostScript™	error:	Job Docum	entation F	older —
No special reporting		[		
🔾 Summarize on screen	E.			
O Print detailed report				
Job Documentation —				
🗌 Generate Job Copy				
🗌 Generate Job Log			Change	

- If there is a PostScript error Allows you to select whether or not a report is outputted when a PostScript error occurs.
- Job Documentation Allows you to specify generating a job copy in the folder specified as the Job Documentation Folder, and generating a job font log following the completion of the print job.
- Job Documentation Folder Allows you to select the location of the Job Documentation Folder. The folder selected holds a copy of the print jobs or job information of print jobs that are configured for job documentation. Use the **Change** button to browse to and select a different folder.

#### **Cover Page**



- Print Cover Page Lets you choose whether to print a cover page, and specify the placement of the cover page in relation to the remaining pages of the print job.
- Cover Page Paper Source Allows you to select the paper tray containing the Cover Paper. The Cover Page contains information about the print job such as: user name, application, document name, date, time, printer, and number of pages. This option is disabled (grayed out) if **Print Cover Page** is set to **None**.

#### **Paper Handling**

Printer: Phaser 6120-1 🔶	8.7.3 Destination: Printer 😫
If the cassette is out of paper:	to with same nanor size
) Display alert	te with same paper size
Save Settings	Cancel Print

If the cassette is out of paper Allows you to select the tray switching behavior if the original tray runs out of paper.

#### Save as File

ostScript Job		
Level 1 Compatible		
Level 2 and 3		
ASCII		
Binary		
one	\$	
	Level 1 Compatible Level 2 and 3 ASCII Binary Ione	Level 1 Compatible Level 2 and 3 ASCII Binary Ione \$

Format

Select the file format of the output file.

- PostScript Level Allows you to select from available PostScript levels.
- Data Format Sends the print job data to the file in either ASCII or Binary format.
- Font Inclusion

Allows you to choose the fonts that are included with the Inclusion print job as it is saved to a file.

#### Layout

ayout	•	
	Pages per sheet: 1	\$
	Layout direction: 12 2	1
1	Border: none	\$
<b>■</b> %	Print on Both Sides	
	Binding:	

- Pages per sheet Allows you to set the number of logical pages per physical sheet.
- Layout direction

Lets you identify either left-right or right-left logical page direction on the physical sheet.

Border

Allows you to select a border to surround each logical page.

Print on Both Sides

Allows you to configure the print job for duplex printing. This setting is disabled (grayed out) unless an optional duplex unit is installed.

Binding

Determines the orientation of the logical pages on the physical sheet so the printed media is oriented for binding on the short edge or long edge of the media.

#### Watermark

Watermark 😫 —	
None	
Size: 72 pts. ♦	
Font: Bookman 🔹	
Text: Draft 🔶	Position: Horizontal (Por 🜲
Custom	Color: Black 😫

#### None

Allows you to disable the watermark function.

#### Opaque

The watermark text will be solid. The page content beneath the watermark will not be visible.

#### Transparent

The watermark text will be semi-transparent. The page content beneath the watermark will be visible.

Size

Allows you to select watermark font size.

Font

Allows you to select watermark font type.

- Text Allows you to select watermark text.
- Position Allows you to select watermark position.
- Color

Allows you to select watermark font color.

● Disabled ○ Proof Print ○ Print and Hold Job Name:	
Proof Print Print and Hold Job Name:	
🔾 Print and Hold Job Name:	
○ Saved Print JobName	(A-Z, 0-9
🔾 Secure Print User Name:	
Security ID: None 💠 UserName	(A-Z,0-9
Job Type options are available only if the printer	r has a hard disk.

- Job Types Select type of job.
  - Disabled: The job is printed normally.
  - Proof Print: Printer prints 1 copy without the panel operation. You can then print the rest of the copies through the panel. The job is deleted after the whole copies are printed.
  - Print and Hold: Printer prints all of multicopy print job, and then holds the print job in the printer's hard drive for printing additional copies. The job isn't deleted until it is intentionally deleted or the held job timeout occurs.
  - Saved Print: Allows user to store print jobs to the hard drive, and later print them on demand from the control panel.
  - Secure Print: Printer dose not print the job without the panel operation. Printer prints the job when you input Security ID correctly. The job is deleted after all copies are printed.
- Job Name Allows you to set Job Name.
- User Name Allows you to set User Name.
- Security ID Select a Security ID to a Job.



To use Job Types feature, the optional hard drive must be installed on the printer.

In addition, the printer must be set up with the Chooser to use the hard drive. For details on selecting the hard drive with the Chooser, refer to "Selecting the Printer in the Chooser" on page 69.

#### **Quality Adjustment Settings**

Printer: Phaser 6120-1 🔶	8.7.3 Destination: Printer 😫
Quality Adjustment Setti       Resolution:       2400 (Enhanced)       Paper Type:       Plain Paper       \$       Color Mode:       Color	

- Resolution Allows you to select the resolution to be used when printing a document.
- Paper Type Allows you to select the type of paper on which the print image will be printed.
- Color Mode Allows you to select color or grayscale.

#### Image

Printer: Phaser 6120-1 Image Image RGB Source: SRGB Image RGB Intent: Photographic Image Halftone: Smooth	8.7.3 Destination: Printer 🜩
Save Settings	Cancel Print

- Image RGB Source Allows you to select RGB color profiles for photographic images.
- Image RGB Intent Allows you to select RGB intent for photographic images.
- Image Halftone Allows you to select halftone for photographic images.

#### Graphic

Printer: Phaser 6120-1 💠	8.7.3 Destination: Printer \$
Graphic GB Source: SRGB Graphic RGB Intent: Photographic \$ Graphic Halftone: Detail \$	•
Save Settings	Cancel Print

- Graphic RGB Source Allows you to select RGB color profiles for graphics.
- Graphic RGB Intent Allows you to select RGB intent for graphics.
- Graphic Halftone Allows you to select halftone for graphics.

#### Text

Printer: Phaser 6120-1	8.7.3 Destination: Printer \$
Text RGB Source: SRGB Text RGB Intent: Vivid Text RGB Gray Treatment: Black and Gray Text Halftone: Detail Text Halfto	•
Save Settings	Cancel Print

- Text RGB Source Allows you to select RGB color profiles for text.
- Text RGB Intent Allows you to select RGB intent for text.
- Text RGB Gray Treatment Allows you to select RGB gray treatment for text.
- Text Halftone Allows you to select halftone for text.

#### Simulation

Printer: Phaser 6120-1 🜩	8.7.3 Destination: Printer 🚖
Simulation 🔹	
Simulation Profile: None	•
Simulation Match Paper Color: False 😫	)
Simulation Gray Treatment: Composite Bla	ck 🜲
Save Settings	Cancel Print

- Simulation Profiles Allows you to select RGB color profiles for simulation.
- Simulation Match Paper Color Allows you to set Match Paper Color.
- Simulation Gray Treatment Allows you to select Simulation Gray Treatment.

## **Checking Print Jobs**

To check the progress of print jobs, double-click the Phaser 6120 desktop printer icon.

]	🗐 Phaser	· 6120-1	Í	ÐE
			Default	0 items Printer
Name	Pages	Copies	Print Time	4



In the Classic environment, Print Monitor automatically starts up, and the icon appears in the Dock. Click the Print Monitor icon to check the status of print jobs.

## Troubleshooting

Symptom	Action	
When printing on both sides of paper with a custom size, an error occurs.	Both sides of paper with a custom size cannot be printed on. In addition, there are limitations on the media types that can be selected. Refer to the <i>User Guide</i> (CD-ROM) provided with the printer.	
When printing from a Web browser, each frame is printed on a separate page.	Depending on the Web browser being used, each frame will be printed on a separate page. Try printing from a different Web browser. You can confirm it using the "preview" function of the print dialog.	
Two-sided printing cannot be selected.	If the printer is connected by USB, select the installed options with the Chooser. For details	
Tray 2 cannot be selected.	on selecting options with the Chooser, refer to "Selecting the Printer in the Chooser" on page 69. In addition, there are limitations on the media types that can be selected. Refer to the <i>User Guide</i> (CD-ROM) provided with the printer.	
The error was cancelled, but the error message appeared again.	Occasionally, the error message appears a few times, even though the error was cancelled.	

# 4

# Operation on Linux
## System Requirements for the Printer Driver

Before installing the printer driver, make sure that your system meets the following system requirements:

CPU	Intel IA-32
Operating systems	Red Hat Linux 9.0 (CUPS 1.1.15 or later), SuSE Linux v9.x (CUPS 1.1.15 or later)
Applications	OpenOffice 1.0.1 or later
Connecting the computer and printer	USB connection, Parallel connection, Network connection (10Base-T/10Base-TX/ 1000Base-T)
RAM	More than OS recommendation (128 MB or more is recommended)
Network	LPR (queue: lp, LP, default, DEFAULT)
	AppSocket/HP JetDirect
Available hard disk space	256 MB or more



This printer driver can also be used with Linux versions other than those listed above if CUPS 1.1.15 or later is installed.



As an example, the descriptions of the operations for SuSE are provided in this chapter.

## Installing PPD File From the Command Line



Before proceeding with the installation, be sure to exit all running applications.



Root privileges are required in order to install ppd file.

- 1 Copy the ppd file from the CD-ROM to the directory "/usr/share/cups/ model/".
- 2 Remove Administrator restrictions. Edit the */etc/cups/cupsd.conf* by commenting out of the following lines under Location/Admin: AuthType, AuthClass, AuthGroupName (SuSe only).
- 3 Restart CUPS. At a command prompt, enter "/etc/init.d/cups restart"



A ppd file for each language is available in the corresponding "drivers/linux/ppd/<language>" folder on the Software and Documentation CD-ROM. Use the appropriate ppd file for the language.

## **Adding the Printer**

- 1 Start up the web browser.
- 2 Enter the URL "http://localhost:631/printers", and then click **Do** Administration Tasks.

	ESP	Administration	Classes	Help	Jobs	Printers	Software	)
Do Administ	ratio	n Tasks						
Manage Prin	ter C	Classes						
On-Line Help	2							
Manage Job	s							
Manage Prin	ters							
Download th	e Cu	irrent CUP	S Soft	vare				
The Common UNIX Printing Easy Software Products, All	; System, ( Rights Ret	CUPS, and the CUPS log erved.	ge are the trade	nack prop	nty of <u>Le</u>	o Softwar D	adati, CUPS is	.copyright 1997-2002 by

3 Enter the username and password for using root privileges, and then click **OK**.

Y Pro	ompt
?	Enter username and password for "CUPS" at localhost:631 User Name:
	Password:
	Use Password Manager to remember these values.
	OK Cancel

4 Click Add Printer.

8		ESP	Administration	Classes	Help	Jobs	Printers	Software	
Adr	nin								
	Classes		_		-				
	And Clint	Manage Cla							
-	John Manage Soor								_
	Printers								
	Ads Parter	Manage Pr	nters .						
Copyrig	n 1990-2001 Easy of Easy Software	Software Pr	sdacts, All Rights Reserv	ed. The Com	nea UNIX heir respec	Printing 5	System, CUPS	and the CUPS logs are the	trademark

5 Enter the printer name, and then click **Continue**.You can optionally enter the description and location.

1	ESP	Administration	Classes	Help	Jobs	Printers	Software	
Admin								
Add New Printer								_
	Name Pr Location So Description	anar 6120 Ian Office Science						
Copyright 1990-2001 property of Easy Sife	Easy Software P Ince.Friedoris A	redorts, All Rights Reser Il other trademarks are th	ved. The Come	nen UNIX leiz ompect	Printing 1	System, CUPS rs.	and the CUPS logs are the	trademark

6 Select a Device Port from the Device list, and then click Continue.



- a TCP/IP: AppSocket/HP JetDirect, and then Continue.
- **b** Enter a Device URI in the following form: "socket://<Printer IP or Printer Hostname>[:port]". For example, using the printer IP would be "socket://150.16.241.103:9100". Using the printer hostname would be "socket://YourPrinterHostname:9100".

-

- c Click Continue.
- d USB: Select USB Printer #n (model name), and then Continue.
- e Parallel: Select Parallel Port #n (model name), and then Continue.

7 Select a printer manufacturer or make, and then click **Continue**.

	ESP	Administration	Classes	Help	Jobs	Printers	Software
Admin							
Model/Driver for phase	er 6120						
		Aseen Ricch Samong Sako Sony Dav Taky Taky Taky Cordination A					
Copyright 1993-2001 East property of East Science	y Seffware P e Freducts A	sebarts, All Rights Reserv	ed. The Cenn e property of t	nen UNIX heir respec	Printing tive own	System, CUPS rs	and the CUPS logs are the trademark

8 Select a printer model, and then click **Continue**.

	ESP	Administration	Classes	Help	Jobs	Printers	Software
Admin							
Model/Driver for	phaser 6120						
Madel	Xeron DocePrint P12 Xeron DocePrint X/8 Xeron Poscer 6100 Xeron Poscer 6100 Xeron Poscer 6100 Xeron Work Centre 4 Xeron Work Centre 4 Xeron Work Centre 9 Xeron Work Centre 9 Xeron Work Centre 9 Xeron Work Centre 9	02, Foomatic + (pi44 (art) C, Foomatic + cd(550 (art) C, Foomatic + cd(550 (art) P (art) Biop, Foomatic + cd(550 (ar 70cx, Foomatic + cd(550 (ar 70cx, Foomatic + bit 5700 ( K35c, Foomatic + bit 5700 (	4) () () () () () () () () () () () () ()				
Depyright 1993-2001 reperty of Easy Self	Easy Software Pro nace Products All	ducta, All Rights Reserv other trademarks are the	ed. The Cem e property of	men UNIX their respec	Printing tive owne	System, CUPS rs.	, and the CUPS lags are the trademark

The following message appears:

	ESP Administration	Classes Help	Jobs Printers	Software			
Admin							
trizzer has been added successfully.							
opyragin 1993-2001 Easy 5 reports of Easy Siftware P	foftware Products, All Rights Reser reducts. All other trademarks are th	ved. The Ceramon UNIX i to property of their respects	Printing System, CUPS, a ive owners.	nd the CUPS logo are the trademark			

## **Specifying Printer Driver Settings**

#### **Displaying the Settings Page**

- 1 Start up the web browser.
- 2 Enter the URL "http://localhost:631/admin", and then click Manage Printers. Printer on localhost.localdomain window appears.

	ESP Administration Classes Help Jobs Printers Software
Printer	
Default Destination: P	aard 120
	Xerox Phaser 6120
	Description: 13.62.70.127 Lection: Location Unknown Printer State: Lide, accepting jobs.
	Print Test Page Stop Printer Reject Jobs Modify Printer Configure Printer Delete Printer

3 Click the test printer, and then click **Configure Printer**. The printer driver settings page appears.

Adn	nin o	1 localh	ost -	CUPS	v1.1.17	- Mozill	a							,
<u>F</u> ile	<u>E</u> dit	<u>V</u> iew	<u>G</u> 0	Bool	marks	$\underline{T}ools$	Window	v <u>H</u> elp						
Back	•	Forward	Ť F	3. Reload	Stop	🦺 h	ttp://local	host:631/a	dmin/?op=	onfig-pri	nter&printer_	nan 👻 🐊 Search	Print	- M
			ES	Р	Admi	nistrat	tion (	Classes	Help	Jobs	Printer	s Software		ŕ
	dn	nin												
<b>* •</b>														
Cho	ose d	efault of	ption	s for p	naser 6120.									
	Basi	c Featu	ires											
	_						Auto Tr	av switch	ing: C En	abled 🖲	Disabled			
								Col	late: @ Ye	s C No	Dibabled			
								Color Me	ode: 🖲 Co	lor 🗇 G	ayscale			
							Du	plex Opti	ons: Simpl	ex 💌	Ī			-
								Paper S	ize: Letter		-			
							1	Paper Sou	rce: Tray	. 🖃				
								Paper T	pe: Printe	r Default	-			
								Resolut	ion: 600dr	i (High Q	uality) 💌			
									Conti	nue				
	Deta	ils												
							Gran	hic Halfte	one: Detail	•				
							Graphic	RGB Int	ent: Vivid		-			
							Graphic	RGB Sou	rce: sRGE		-			
							Im	age Halfte	one: Smoo	th 📕	_			
							Image	RGB Int	ent: Photo	graphic	-			
										5 ,				

### **Printer Driver Settings**

#### **Basic Features**

Parameters	Settings
Auto Tray Switching	Specifies tray switching behavior as <b>Enabled</b> or <b>Disabled</b> .
	The default setting is <b>Disabled</b> .
Collate	If <b>Yes</b> is selected, all pages in the documents are printed as sets of printouts.
	■ The default setting is <b>Yes</b> .
Color Mode	Specifies color mode as <b>Color</b> or <b>Grayscale</b> .
	■ The default setting is <b>Color</b> .
Duplex Options	Specifies the duplex print binding position as Long Edge, Simplex, or Short Edge.
	■ The default setting is <b>Simplex</b> .
Paper Source	Specifies the paper source as <b>Tray 1</b> , <b>Tray 2</b> , or <b>Auto</b> .
	■ The default setting is <b>Tray 1</b> .
Paper Type	Specifies the paper type as <b>Printer Default</b> , <b>Plain Paper</b> , <b>Thick</b> , <b>Transparency</b> , <b>Letterhead</b> , <b>Label</b> , <b>Postcard</b> , <b>Envelope</b> , or <b>Glossy</b> .
	The default setting is Plain Paper.
Resolution	Specifies the resolution of the image as <b>2400dpi (Enhanced)</b> , <b>600dpi (Standard)</b> .
	<ul> <li>The default setting is 2400dpi (Enhanced).</li> </ul>

#### Details

Parameters	Settings
Graphic Halftone	Specifies the halftone for graphics as <b>Detail</b> or <b>Smooth</b> .
	■ The default setting is <b>Detail</b> .
Graphic RGB Intent	Specifies RGB intent for graphics as Photographic, Vivid, Relative Color, or Absolute Color.
	The default setting is Vivid.
Graphic RGB Source	Specifies RGB source for graphics as <b>None</b> , <b>sRGB, Adobe RGB (1998), Apple RGB</b> , <b>ColorMatch RGB</b> , or <b>Blue Adjust RGB</b> .
	■ The default setting is <b>sRGB</b> .
Image Halftone	Specifies the halftone for images as <b>Detail</b> or <b>Smooth</b> .
	■ The default setting is <b>Smooth</b> .
Image RGB Intent	Specifies RGB intent for images as Photographic, Vivid, Relative Color, or Absolute Color.
	The default setting is Photographic.
Image RGB Source	Specifies RGB source for images as None, sRGB, Adobe RGB (1998), Apple RGB, ColorMatch RGB, or Blue Adjust RGB.
	The default setting is sRGB.
Simulation Gray Treatment	Specifies simulation gray treatment as Composite Black, Black and Gray, or Black Only.
	■ The default setting is <b>Composite Black</b> .
Simulation Match Paper	Specifies Match Paper Color as <b>On</b> or <b>Off</b> .
Color	The default setting is Off.
Simulation Profile	Specifies the simulation profile as <b>None</b> , <b>SWOP</b> , <b>EuroScale</b> , <b>Commercial Press</b> , <b>DIC</b> , or <b>TOYO</b> .
	■ The default setting is <b>None</b> .

Parameters	Settings
Text Halftone	Specifies the halftone for text as <b>Detail</b> or <b>Smooth</b> .
	■ The default setting is <b>Detail</b> .
Text RGB Gray Treatment	Specifies the RGB Gray Treatment as Composite Black, Black and Gray, or Black Only.
	The default setting is Black and Gray.
Text RGB Intent	Specifies RGB intent for text as Photographic, Vivid, Relative Color, or Absolute Color.
	■ The default setting is <b>Vivid</b> .
Text RGB Source	Specifies RGB source for text as None, sRGB, Adobe RGB (1998), Apple RGB, ColorMatch RGB, or Blue Adjust RGB.
	■ The default setting is <b>sRGB</b> .

#### **Installed Options**

Parameters	Settings
Disk	Select <b>Installed</b> if the optional Hard Drive for the printer has been installed.
	The default setting is Not Installed.
Duplex Unit	Select <b>Installed</b> if the optional duplex unit for the printer has been installed.
	The default setting is Not Installed.
Input Tray	Select <b>Installed</b> if the optional trays for the printer have been installed.
	The default setting is Not Installed.

## **Printing a Document**

The contents and available options that appear in the print dialog box may vary depending on the application being used. The description of the operation for Red Hat is provided below.

#### Example Using LPR Command

With applications other than OpenOffice, the following print dialog box appears.

1 Click **Properties** in the **Print** dialog box.

	Printer O File		
Printer:	PostScript/default	~	Properties
File:	/root/mozilla.ps		Choose File
<ul> <li>All Pa</li> <li>Pages</li> <li>Select</li> </ul>	ges i from 1 to 1 ion	Number of copi	les: 1
Print Fran	nes		
0.4.1.	d out on the screen		
O As lai	1		
O As iai	elected frame		

The Print Properties dialog box appears.

Pa	per Size:	Letter (8.5x1	1 inch)			
Print C	ommand:	Ipr -P phaser61	120			
Color:		Ocurrent				
		GrayScale	e 🖲 Co	lor		
Gap f	irom edge	of paper to Ma	e 🖲 Co argin (inch	lor nes) —		

- 2 Enter the command "Ipr -P" followed by the name of the printer, and then click **OK**. The Print dialog box appears again.
- 3 Click **Print** to print the document.

## **Checking Print Jobs**

You can check the status of print jobs from a Web browser.

- 1 Start up the web browser.
- 2 Enter the URL "http://localhost:631". The CUPS Administration Web page appears.



#### 3 Click Manage Jobs.

A list of the currently active print jobs appear.



To check the status of completed print jobs, click Show Completed Jobs.

## Troubleshooting

Symptom	Action
The printer stops because of a paper size error or a paper type error.	The job may have been sent with a prohibited combination of settings (for example, for the paper size and media type). Printing is not possible with postcards or transparencies if <b>Plain Paper</b> is selected.
Printing does not continue with a custom paper size.	Printing with custom paper sizes is not possible directly from the printer driver. This can only be performed from the command line. Specify the following command to print data.
	lpr -P [ <i>printer_name</i> ] -o media=Custom. [WIDTHxLENGTH] [ <i>file_name</i> ]
	<ol> <li>Format of Custom. [WIDTHxLENGTH]: Custom.150x200 mm, Custom.8x11 in, Custom.15x20 cm, or Custom.612x782 (postscript points)</li> </ol>
	<ol> <li>The specified file must be a PS, PDF or JPEG file.</li> </ol>
Printing cannot be completed correctly from OpenOffice or any other Office application (such as,	Applications running under Linux have their own print settings. Some of these functions may not be supported by this printer. Observe the following for best printing results.
Kword).	<ul> <li>Settings made within the application: Paper size and orientation</li> </ul>
	<ul> <li>Settings made with the printer driver (kprinter): Settings other than those specified above (for example, paper type, tray, and resolution)</li> </ul>
When printing from Adobe Reader, part of the image is printed in solid black or the job is interrupted.	There is a compatibility problem between Ghostscript and Adobe Reader. Try using a different PDF application.
Watermarks cannot be printed from Kword.	This is a bug with Kword. Use Overlay instead.



# *Printer Management Software*

## CentreWare Internet Services

This section provides information on CentreWare Internet Services (IS), an HTTP (HyperText Transfer Protocol)-based web page that resides in your printer and that you can access using your web browser.

This page gives you instant access to printer status and the most frequently used printer configuration options. Anyone on your network can access the printer using their web browser software. In addition, with the proper password, you can change the configuration of the printer without leaving your computer.



Users who are not given passwords by the administrator can still view the configuration settings and options but are not able to save or apply changes.

#### **Display Language**

For details on specifying the display language, refer to the User Guide (CD-ROM) provided with the printer.

In addition, the language can be selected in the System/Administration/ Languages page in CentreWare IS.

#### Requirements

To use CentreWare IS, the following is required:

- Windows Server 2003/XP/2000/98SE, Mac OS 9/X 10.2 and later, Linux
- Microsoft Internet Explorer version 5.5 or later Netscape Navigator version 7.1 or later Safari version 1.0 or later



An ethernet connection is recommended because it enables direct access to CentreWare IS. You cannot access CentreWare IS using a local (USB or Parallel) connection.

- TCP/IP communication software (used by CentreWare IS) installed on vour PC
- An ethernet network, to which both your PC and the printer are connected

## Setting Up the Printer Web Page

Setting up the printer web page to run on your network involves two basic steps:

- Determine the name or address of your printer.
- Set up the "no proxy" preferences in your browser software.

#### **Determining the Printer Name**

The printer web page can be accessed in two ways:



EX The printer names can also be determined via WINS if the network supports it.

Through the assigned name of the printer—This name comes from the IP host table (the filename is **hosts**) on the computer system and is usually assigned by the system administrator (for example, Phaser 6120). It may be more convenient for you to use the printer name than the IP address.

#### Location of the Host Table on the PC

- Windows Server 2003/XP \windows\system32\drivers\etc\hosts
- Windows Me/98SE
- \windows\hosts
- Windows 2000/NT4.0 \winnt\system32\drivers\etc\hosts
- Through the printer's IP address—The IP address of your printer is a unique number and, therefore, may be the preferred identification to enter, especially if you have more printers active in your network. The printer's IP address is listed on the configuration page.

#### Location of the Configuration Page in the Printer's Configuration Menu

MENU PRINTABLE PAGES MENU/CONFIGURATION

#### Setting Up Your Browser Software

Since your printer resides on your intranet and is not accessible beyond the firewall of your network, you must set up the proper "preferences" in your browser software. Your printer name or IP address must be added to the "no proxy" list in the preferences dialog box of the browser.

You only need to do this procedure once.

The sample screens below may be different from yours depending on software versions and operating systems in use.

Our examples represent the IP address of the printer with: xxx.xxx.xxx.xxx. Always enter your printer's IP address without leading zeros. For example, 192.168.001.002 should be entered as 192 168 1 2

#### Internet Explorer (version 6.0 for Windows)

- 1 Start Internet Explorer.
- 2 From the **Tools** menu choose Internet Options.
- 3 Select the Connections tab on the dialog box.
- 4 Choose the LAN Settings button to display the Local Area Network (LAN) Settings dialog box.
- 5 Select Advanced in Proxy server to open the Proxy Settings dialog box.
- 6 In the **Exceptions** text box. type a comma after the last entry and then type the printer name or the IP address of your printer.

Proxy Se	ettings		<u>? ×</u>
- Serve	, Type	Proxy address to use	Port
Ġ.	<u>H</u> TTP:	000.000.000.000	: 0000
	<u>S</u> ecure:	000.00.000.000	: 0000
	ETP:	000.000.000.000	: 0000
	<u>G</u> opher:	000.000.000.000	: 0000
	So <u>c</u> ks:		:
	🔽 🛛 se th	e same proxy server for all proto	ocols
- Exce	ptions , Do <u>n</u> ot use	e proxy server for addresses be	ginning with:
	Use semic	olons ( ; ) to separate entries.	
		OK	Cancel

- 7 Choose **OK** three times to return to the main browser window.
- 8 Enter the printer's IP address in the URL Address box to access the printer home page.

A <u>d</u> dress	🛃 http://192.168.1.2/	•	
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#### Netscape Navigator (version 7.1)

- 1 Start Netscape Navigator.
- 2 From the Edit menu choose Preferences.
- 3 Select the Advanced/Proxies directory from the left pane of the dialog box.
- 4 Select the Manual Proxv **Configuration** radio button.
- 5 In the No Proxy for: text box, type a comma after the last entry, and then type the

Preferences		×
Category	Proxies	
<ul> <li>▷ Appearance</li> <li>▷ Navigator</li> <li>▷ Composer</li> <li>▷ Mail &amp; Newsgroups</li> <li>▷ Instant Messenger</li> </ul>	Configure Proxies to O Direct connectio	Access the Internet
P Privacy & Security Advanced	ETP Proxy:	Port: 0
Cache	Gopher Proxy:	Port: 0
Proxies	HTTP Proxy:	Port: 0
Software Installat Mouse Wheel	SSL Proxy:	Pogt: 0
System	SOGKS Host:	Port: 0
Offline & Disk Space		O SOCKS v4 () SOCKS v5
	No Proxy for:	XXX.XXX.XXX
		Example: .mozilia.org, .net.nz
	Automatic prox	y configuration URL:
		OK Cancel Help

printer name or the IP address of your printer.

- 6 Choose **OK** to return to the main browser window.
- 7 Enter the printer name or IP address in the URL Location box to access the printer home page. -

Bookmarks 🦺 Location: http://192.168.1.2/	
-------------------------------------------	--

#### Safari (version 1.1)

- 1 From the **Apple** menu, choose **Location**, and then click **Network** preferences.
- 2 Click the **Proxies** tab in the Network preferences dialog box.
- 3 In the Bypass proxy settings for these Hosts & Domains list, type in the name or IP address of the printer.
- 4 Click Apply Now.
- 5 In the URL address bar, type in the name or IP address of the printer to access the printer's web page.

## Understanding the CentreWare IS Window

The illustration below identifies the navigation and configuration areas of the CentreWare IS window



Links to main topics

Configuration area

#### **Navigation**

Selecting the main topic and subtopic displays the configuration area for the printer options (parameters) associated with your selections.

To change a current setting, click on the current setting and then select from the available choices or enter the new value.



If you do not set the printer to have a password, the default is for all the settings to be available. In order to apply or save any changes made to the configuration settings. CentreWare IS must be logged in from Administrator Mode. (For details. see "Administrator Mode -Security Enabled" on page 119.)

#### Current Status

The current status of the printer is displayed at the top of all CentreWare IS windows. The icon displays the type of status being displayed.

lcon	Status	Description	Examples
8	Ready	The printer is online and either ready to print or printing.	READY WARMING UP PRINTING
	Warning	The printer needs attention, but printing continues.	C TONER LOW
8	Error	The printer needs attention before printing can resume.	PUT A4 PLAIN TRAY 1 REPLACE C TONER PAPER JAM TRAY 2
<b>2</b>	Caution	The printer must be rebooted. If that does not fix the error, service is required.	SERVICE CALL 04

By default, security is set to Disabled. If CentreWare IS is accessed while security is Disabled, all users can view and change or submit settings on the printer. When security is set to Enabled, users have to login to submit any changes.

#### **User Mode - Security Enabled**

You automatically enter User Mode whenever you enter CentreWare IS. In User Mode you can view configuration settings but not change them.

#### **Administrator Mode - Security Enabled**

In order to change any configuration settings through CentreWare IS, you must first enter Administrator Mode:

1 Type the password in the **Admin Password** text box.



The default password is "SYSADMIN"; however, once you have logged on in Administrator Mode, the password can be specified in the System/Administration/Security window.

2 Click the Login button.

If you type an incorrect password, the following message displays: "Invalid Password Please check your input and try again !" Retype the password.

## **Configuring the Printer**

The Configuration page enables you to view and change the configuration settings of the printer.

#### System Page

Internet Services Phaser 6120 System	Print Network Accounting
Name: Phase 6120 PNS: XRX0000AA92B00F opbu.xerox.com IP: 013.062.124.171 System Phase 6120 About Printar Supplies Status Administration	About Printer         Printer Name       : Phaser 6120         System Release       : 0.0.11         IP Address       : 0.3.062.124.171         Installed Memory       : 128 MB         Duble       Disk       : Installed         Hard Disk       : Not Installed         Tray 1 + Tray 2 + Duplex       Printer Quality       : ENHANCED
	XEROX CORPORATION 2005
	XEROX.

#### About Printer (shown above)

The System/About Printer window provides the following information:

Item	Description
Printer Name/Status	Shows the name assigned to your printer, and displays the current status of the printer-just as it is displayed on the printer's control panel.
	The status display enables you to remotely identify possible printer problems, such as out of paper and out of toner.
Device Status (Product image)	Identifies the type of printer that you are browsing.
	The printer is pictured in the illustration with all installed options.

Item	Description
System Release	Displays the release version of the system code.
IP Address	Identifies the IP address of the printer.
Installed Memory	Displays the amount of memory installed in the printer.
Duplex Unit	Identifies whether the duplex option is "Installed" or "Not Installed."
Hard Drive	Identifies whether the optional hard drive is "Installed" or "Not Installed."
Tray 2	Identifies whether the optional Tray 2 is "Installed" or "Not Installed."
Print Quality	Displays the current Print Quality setting.



All of the information displayed on the System Page/About Printer is read-only, however, some of the items (such as the media type), are configurable on other pages.

#### **Operator Control**

#### **Paper Handling**

Internet Services			
System Job	Print	Network Accou	unting
Name: Phaser 6120 DNS: XRX0000AA92B00F opbu.xerox.com IP: 013.062.124.171	Paper Hanc	lling	
174 avis	Tray 1 Settings		
System	Parameters	Current	Default
About Printer	Tray 1 Mode	Auto 💌	Auto
- Supplies Status	Media Size	Letter	Letter
Paper Handling	Media Type	Plain Paper 💽	Plain Paper
Administration	Tray 2 Settings		
	Media Size	Letter 💌	Letter
	Media Type	Plain Paper 💌	Plain Paper
	Print Mode Setti	ings	
	Duplex Mode	Off 🔹	Off
	Page Orientation	Portrait 💌	Portrait
<u> </u>	Jam Recovery	Yes 💌	Yes
	Tray Switching	On 💌	On
	Auto Continue	Off •	Off

The **System/Operator Control/Paper Handling** window enables you to view and change the current paper handling option settings. The settings are arranged in 2 columns: Current and Default.

Item	Description		
Tray 1 Settings			
Tray 1 Mode	Configures Tray 1 settings to be defined by the keypad in CASSETTE mode or to be automatically overridden by the driver in AUTO mode.		
	Choices: Auto, Cassette Default: Auto Configuration Menu Equivalent:		
	MENU PAPER MENU/INPUT TRAY/		
	TRAY 1 MODE		

#### **Supplies Status**

System Job	Print	Y	Networ	k	Acco	unting	
me: Phaser 6120 S: XRX0000AA92B00F opbu.xerox.com	Supplies	Sta	tus				
013.062.124.171							**Amount Remaining
Phaser 6120	Cyan Toner *	0	25	50	4	100	5677
Supplies Status	Magenta Toner *	0	25	50	()	100	5677
Derator Control	Yellow Toner *	0	25	50	(5	100	5677
	Black Toner *	0	25	50	15	100	65202
	Imaging Unit 45000 Images	0	25	50	(5 1	100	43200
	* Toner capacity average 5% col ** Approximate Life may vary b	is ap verage numb- ased o	proxima ». er of pag on enviro	tely 15 ges ren onment	00 or 4 naining tal and	500 pag based ( usage f	ges, based on on current usage. actors.

The System/Supplies Status window provides the following information:

Item	Description
Consumable items	Identifies the type of consumable that is being monitored.
Status bars	Graphically represent the remaining life of the identified consumable item.
Amount Remaining	Describes the remaining life of the consumable item in page or face counts.
	Page counts are based on 5% toner coverage for each page. If your pages average more than 5% coverage, the remaining life is less than the page count displayed.

Item	Description				
Media Size	Identifies the media size currently set in the media tray.				
	Configuration Menu Equivalent:				
	MENU PAPER MENU/INPUT TRAY/				
	TRAY 1 MODE/MEDIA SIZE				
Media Type	Identifies the media type currently set in the media tray.				
	Configuration Menu Equivalent:				
	MENU PAPER MENU/INPUT TRAY/				
	TRAY 1 MODE/MEDIA TYPE				
Tray 2 Settings					
Media Size	Identifies the media size currently set in the media tray.				
	Configuration Menu Equivalent:				
	MENU PAPER MENU/INPUT TRAY/				
	TRAY 1 MODE/MEDIA SIZE				
Media Type	Identifies the media type currently set in the media tray.				
	Configuration Menu Equivalent:				
	MENU PAPER MENU/INPUT TRAY/				
	TRAY 1 MODE/MEDIA TYPE				

Item	Description
Print Mode Settings	
Duplex Mode	Duplex printing enables you to print on both sides of the media. Choices are
	<ul> <li>Off: Prints simplex pages.</li> </ul>
	Short edge: Prints duplex pages so pages can be bound at the short edge.
	Long edge: Prints duplex pages so pages can be bound at the long edge.
	Choices: Off, Short edge, Long edge Default: Off
	Configuration Menu Equivalent: MENU PAPER MENU/DUPLEX
	A duplex unit must be installed to use the duplex feature.
Page Orientation	Identifies the page orientation that the printer should use. Choices are
	<ul> <li>Portrait: Vertical orientation (longest side of media vertical)</li> </ul>
	<ul> <li>Landscape: Horizontal orientation (longest side of media horizontal)</li> </ul>
	Choices: Portrait, Landscape
	Configuration Menu Equivalent:
	MENU PAPER MENU/ORIENTATION
Jam Recovery	When this feature is enabled (On), following the clearing of a media jam the printer reprints any pages that did not progress to the output bin when the media jam occurred.
	Choices: Off, On Default: On Configuration Menu Equivalent: MENU PAPER MENU/PAGE RECOVERY

Item	Description				
Tray Switching	Tray Switching enables the printer to switch from one paper source to another when the initial paper source is empty. You can turn Tray Switching on b selecting Yes. Selecting No turns Tray Switching c				
	Choices: No, Yes Default: Yes Configuration Menu Equivalent: MENU PAPER MENU/INPUT TRAY/ TRAY SWITCHING				
	The optional Tray 2 must be installed to use this setting. Both trays should also have the same media size and media type installed (unless Auto Continue is used - see Auto Continue for more information).				
Auto Continue	Configures the printer for automatically continuing printing if the media tray has a different media size or media type than what the print job requests.				
	If Off is selected, the Auto Continue feature is disabled. When the requested tray empties, printin will stop until you've identified the media to be use to complete the print job.				
	If On is selected, the Auto Continue feature is enabled. When the requested tray empties, the printer will automatically adjust for the media installed (or for the media installed in the second tray if tray chaining is active) and continue printin				
	Choices: On, Off Default: Off Configuration Menu Equivalent: MENU PAPER MENU/INPUT TRAY/ AUTO CONTINUE				
Custom Paper Size De	faults				
Width	Sets the width measurement for custom paper sizes.				
	Range: 92 - 216 mm (3.62 - 8.50 in.) Default: 92 mm (3.62 in.) Configuration Menu Equivalent: MENU PAPER MENU/INPUT TRAY/ CUSTOM/WIDTH				

Item	Description		
Height	Sets the height measurement for custom paper sizes.		
	Range: 5.83 - 14.02 in. (148 - 356 mm) Default: 5.83 in. (148 mm) Configuration Menu Equivalent: MENU PAPER MENU/INPUT TRAY/ CUSTOM/LENGTH		
Save Changes	Saves and applies any changes made.		
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.		
Set as Default button	Saves the changes made to Custom values.		
Restore Default button	Restores the Custom values to the ones saved in custom defaults.		
Restore Factory button	Changes all settings to the Factory values.		

#### **Color Matching & Quality**

Phaser 6120	Print	Network	ntina
Name: Phaser 6120 DNS: XRX0000AA92B00F opbu.xerox.com IP: 013.062.124.171	Color Match	ing & Quality	
0	Print Mode Settin	gs	
System Phaser 6120	Parameters	Current	Default
About Printer     Supplies Status	Print Quality		ENHANCED
Operator Control	Color Mode	Color	Color
Hand Color Matching & Qual	Toner Out Action	Stop 💌	Stop
	Density Control		
	Cyan	3	3
	Magenta	3	3
	Yellow	3	3
	Black	3	3
	Save Changes	Discard Changes	Set as Default

The **System/Operator Control/Color Matching & Quality** window enables you to view and change the current paper handling options. The settings are arranged in 2 columns: Current and Default.

Item	Description
Print Mode Settings	
Print Quality	Used to select the printing resolution. Choices are
	Standard: 600 dpi (dots per inch) color
	■ High: 2400 dpi
	■ Default: High
	Configuration Menu Equivalent:
	MENU SYSTEM DEFAULT/PRINT
	QUALITY

Item	Description
Color Mode	Sets the mode to use color or monochrome output.
	Choices: Color, Grayscale Default: Color Configuration Menu Equivalent: MENU SYSTEM DEFAULT/COLOR MODE
Toner Out Action	Determines if the printer continues accepting jobs sent to it when a low toner condition occurs.
	Choices: Stop, Continue Default: Stop Configuration Menu Equivalent: MENU QUALITY MENU/TONER OUT ACTION
Density Control	Adjusts toner (color) density of each color (cyan, magenta, yellow, and black). The higher the value, the higher the density of the color.
	Range: 1-5 Default: 3 Configuration Menu Equivalent: MENU QUALITY MENU/DENSITY CONTROL
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.
Set as Default button	Saves the changes made to Custom values.
Restore Default button	Restores the Custom values to the ones saved in custom defaults.
Restore Factory button	Changes all settings to the Factory values.

#### Administration

#### **Startup Options & Resets**

System Job	Print Netwo	rk Accounting
me: Phaser 6120 <u>VS</u> : XRX0000AA92B00F opbu.xerox.com : 013.062.124.171	Startup Options	& Resets
ystem	User Preferences	
Phaser 6120	Energy Saver	30 Minutes 💌
About Printer	Reset Printer	
Supplies Status	Printer Name	Phaser 6120
Derator Control	Sysstart	Off -
Administration	Start Page	
Startup Options & Resi		
- Email Server	Decete	
-Date & Time	6	
- Security	• None	
-D Online help	C Restore Factory	
Disk Operations	C Save Custom	
- <u>Configuration Summar</u>	C Restore Custom	
L Usage Summary	3	

The **System/Administration/Startup Options & Resets** window provides the following parameters for configuration:

Item	Description
User Preferences	
Energy Saver	If no print jobs are sent to the printer for the time specified by this parameter, the printer's Energy Saver feature is activated.
	Choices: 15 Minutes, 30 Minutes, 1 Hour, 2 Hours Default: 30 Minutes Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ENERGY SAVER
	2 Hours is available on the model for 120 volt.
Reset Printer	Reboots the printer.

Item	Description
Printer Name	Sets the printer name.
	Default: Phaser 6120
Start Page	Sets the printer to print a startup page when the printer is powered on.
	Choices: Yes, No Default: No Configuration Menu Equivalent: MENU SYSTEM DEFAULT/STARTUP OPTIONS/STARTUP PAGE
Resets	If None is selected, no action is performed.
	If Restore Factory is selected, restores the factory default settings of the printer.
	If Save Custom is selected, saves any changes to the printer parameters as the Custom settings.
	If Restore Custom is selected, restores the Custom settings of the printer.
	Choices: None, Restore Factory, Save Custom, Restore Custom Default: None Configuration Menu Equivalent: MENU SYSTEM DEFAULT/RESTORE/ SAVE
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

#### Languages

Internet Services Phaser 6120		
System Job	Print Network	Accounting
Name:         Phaser 6120           DNS:         XRX0000AA92B00F           opbu.xerox.com           IP:         013.062.124.171	Languages	
	User Preferences	
System	Control Panel Language	English 💌
About Printer	CentreWare IS Language	English 💌
- Supplies Status		
Operator Control		
Startup Options & Res	Save Changes	Discard Changes
D Languages		
Dista & Time		
- Security		
Online help		
Disk Operations		
Configuration Summary		
	VEDOV	
	XERUX.	

The **System/Administration/Languages** window provides the following parameters for configuration:

Item	Description
User Preferences	
Control Panel Language	Identifies the language of the control panel located on the printer.
	The language selections appear on the printer control panel in the corresponding language, for example, GERMAN appears as DEUTSCH.
	Choices: English, French, German, Italian, Portuguese, Spanish, Dutch, Swedish Default: English Configuration Menu Equivalent: MENU LANGUAGE

Item	Description
CentreWare IS Language	Identifies the language displayed in the CentreWare IS windows.
	The language selections appear in the message window in the corresponding language, for example, GERMAN appears as DEUTSCH.
	Choices: English, French, German, Italian, Portuguese, Spanish Default: English
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.
#### **E-Mail Server Settings**

System Job	Print Netw	ork Accounting
Ame: Phaser 6120 NS: XRX0000AA92B00F opbu.xerox.com 2: 013.062.124.171	Email Server Se	ttings
	Message Settings	
System	From Address:	
Phaser 6120		
About Printer	10:	
Supplies Status	Subject:	
🕼 Operator Control		
Administration		
Startup Options & Res	Mail Alerts	
- <u>Languages</u>	● Off C 1 Minute C 30 Minu	utes C 1 Hour C Test
- Email Server		
Date & Time	SMTP Mail Server	
- Security	Mail Server Address	000 000 000 000
Online help		000.000.000
Disk Operations		
Configuration Summar	NOTE: Mail Server IP Address	Changes Will Not Take Effect Until The Printer I
Le Usage Summary	Robert	

The **System/Administration/E-Mail Server** window provides the following parameters for configuration:

Item	Description
Message Settings	
From Address	Identifies the From address that appears on email generated by the printer. Default: [Blank]
	The value entered for this parameter must comply with RFC formatting standards: name@domain_name Commas, semicolons, colons, and spaces are not allowed.
То	Identifies the destination address of email generated by the printer. Default: [Blank]
Subject	Identifies the subject text that appears on email generated by the printer. Default: [Blank]

Item		Description
Mail Alerts		Identifies how long the printer waits after an error condition before generating and sending an email message. Choices: Off, 1 Minute, 30 Minutes, 1 Hour, Test Default: Off
SMTP Mail Server	Mail Server Address	Identity of your mail server. Default: 000.000.000.000 Changes to this field requires a reboot of the printer before it will work.
Save Chan	ges	Saves and applies any changes made.
Discard Changes		If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

## Security

System Job	Print Network	Accounting
ame: Phaser 6120 INS: XRX0000AA92B00F opbu.xerox.com 2: 013.062.124.171	Security	
System Phaser 6120 About Printer Supplies Status Operator Control Administration Starburg Options & Rese Email Server Date & Time Security Online hele Disk Operations Configuration Summar Usage Summary	Administration Enable security Set Password Verify Password Save Changes	Discard Changes

The **System/Administration/Security** window provides the following parameters for configuration:

Item	Description
Administration	
Enable Security	When selected, enables the printer's security feature, which requires users to enter the password to access or change printer information and configuration. Default: [Not checked] Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ SECURITY/CONFIG/ENABLE
Set Password	Sets the printer password. Range: Up to 16 characters Default: SYSADMIN Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ SECURITY/CONFIG/SET PASSWORD

Item	Description
Verify Password	Verifies the password entered in the above field. If the password entered in this field doesn't match the text entered in the Set Password field, the password is not set when the <b>Submit</b> button is selected. Range: Up to 16 characters Default: [Blank]
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

## Date & Time

Internet Services Phaser 6120			
System Job	Prin Date 8	nt Network	Accounting
System Phaser 6120 About Printer Supplies Status Derator Control Startup Options & Rese Lancuaces Email Server Date & Time Security Online hele Disk Operations Configuration Summar Usage Summary	Set Date Day 1 Hour 0	Save Changes	Year 2000 Sec 36 Discard Changes
	,	EROX CORPORATION 2005	
		XEROX.	

The **System/Administration/Date&Time** window provides the following parameters for configuration:

Item	Description
Set Date & Time	Allows you to enter or select the date and time.
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

## **Online Help**



The **System/Administration/Online Help** window provides the following parameters for configuration:

ltem		Description
Software Installation	Printer Drivers	Click on this link to download and install the latest Macintosh or Windows drivers.
	Printer Management Software	Click on this link to download and install printer management tools, such as Enterprise Management Solutions and CentreWare Web.

Item		Description
Xerox Links	Knowledge Base	Click on this link for specific solutions for error codes, print quality, color matching, media jams, software installation and much more.
	Register	Click on this link to register your printer.
	Order Supplies	Click on this link to order supplies.
	Xerox Network	Click on this link to go to the printer's home page.
	Color Connection	Click on this link for the latest in color printing ideas, hints and tips.
	Support FAQs	Click on this link for answers to your technical, troubleshooting and service questions.
Printer Documentation		Click on this link to go to the printer documentation.
Information Forwarding		Certain web-based tools rely on printer specific information, such as Firmware Version, ID Number, Serial Number, Page Count, and Status to provide dynamic Web content. Enabling this feature will authorize the printer to send this information to Xerox.
Save Changes		Saves and applies any changes made.
Discard Changes		If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

## **Configuration Summary**

		K Accounting
me: Phaser 6120 S: XRX0000AA92B00F opbu.xerox.com	Configuration Su	mmary
013.062.124.171	Printer Information	
	Product Name:	Phaser 6120
stem	Printer Name:	Phaser 6120
naser 6120	System Release:	0.0.11
About Printer	Engine Firmware Version:	413950G00800
Supplies Status	System Date:	SAT JAN 01 00:27:51 2000
Operator Control	Default Emulation:	Automatic
Administration	Installed Memory:	128
Administration	Serial Number:	YGG030009
Startup Options & Res	Print Quality:	ENHANCED
Languages	Typeface Fonts:	255
Email Server	Pages Printed:	23
Date & Time	Sheets Printed:	13
D Security	Normalized Pages	
D astro to to	Monochrome:	0
-D Disk Operations	Color:	23
Configuration Summar	Installed Options	
- Usage Summary	ansemed options	
1 1	Duplex Unit:	Installed
	Internal Hard Disk:	Installed
	Drive Size:	19067 MB
	Free Space:	19067 MB
	Real Time Clock:	Installed
	Tray 2:	Installed

The **System/Administration/Configuration Summary** window provides the following information:

Item	Description
Printer Information	Displays the basic printer properties, as well as page counts to date.
Installed Options	Displays all printer options and identifies which options are installed in the printer.
Printer Interfaces	Displays Parallel, USB, and Resident NIC (Network Interface Card) information.
Paper Settings	Displays Tray configuration, duplex setting, and Special Pages information.

## **Disk Operations**

Internet Services Phaser 6120	
System Job	Print Network Accounting
Name:         Phaser 6120           DNS:         XRX0000AA92B00F           opbu.xerox.com           IP:         013.062.124.171	Disk Operations
System Phaser 6120 About Printer Supplies Status Operator Control Administration Statuto Options & Rese Innouaces Email Server Date & Time Security Online Inele Disk Operations Confugaration Summar Usage Summary	<ul> <li>None</li> <li>Format Flash</li> <li>Format Disk</li> <li>Capture Print Job</li> <li>Off  Save Changes</li> <li>Discard Changes</li> </ul>
	XEROX CORPORATION 2005

The **System/Administration/Disk Operations** window provides the following parameters for configuration:

Item	Description
None	No disk operation is performed.
Format Flash	Clears the Flash memory of the printer. Configuration Menu Equivalent: MENU SYSTEM DEFAULT/FORMAT/ FORMAT FLASH
Format Disk	Clears the disk memory of the printer. Configuration Menu Equivalent: MENU SYSTEM DEFAULT/FORMAT/ FORMAT DISK
Capture Print Job	Sets the printer to capture a print job.
	Choices: On, Off, Print Default: Off
Save Changes	Click this button to perform the selected operation.

Item	Description
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

# Job Page

This window enables you to view the status and history of print jobs, print stored jobs, use direct printing and retrieve captured jobs from the hard drive.

## Job Listing (shown above)

Internet Services Phaser 6120 System Job		Print	Netw	ork Acc	ounting	
Name: Phaser 6120 DNS: XRX0000AA92B00F opbu.xerox.com IP: 013 062 124 171	Job	) Listin	ng			
Job     Job     Job Listing     Data Sand Job     Print Saved Job     File Download     Capture Print Job	Job ID 3	Completed	Owner INTERNAL	Title CONFIG PAGE	Interfaces	Pages/Sheets
	-	XEROX	FROX	2005		

The **Job/Job Listing** window provides the following information about recent print jobs:

Item	Description
Printed Jobs	
JOB ID	Each job that the printer receives is assigned a unique identification number.
STATUS	Displays the current status of the print job.
OWNER	If known, displays the owner of the print job.
TITLE	If known, displays the title of the print job.
INTERFACES	Displays the printer interface that was used to process the incoming print job.
PAGES/SHEETS	Indicates the number of pages in the print job.

## **Usage Summary**

Internet Services				
Phaser 6120				
i nusei orzo				
System Job	Print	Network	Accounting	
Name: Phaser 6120				
DNS: XRX0000AA92B00F	Usage Su	mmary		
IP: 013.062.124.171	Serial Number: YG(	5030009		
	System Release: 0.	0.12		
System				
Phaser 6120	Supplies Statu	15		
About Printer	Supplies Status	Max Life	Amount	
D Supplies Status	ner A Crane Concerne		Remaining	
山) Operator Control	Cyan Toner	1500	210	
Administration	Magenta Toner	1500	210	
UD Startup Ontions & P	Yellow Toner	1500	210	
Startup Options & K	Black Toner	4500	2970	
Languages	Imaging Unit	45000	36900	
Email Server	[ International Providence of the local sectors of	MARKEN I		
- Date & Time	Page Informa	tion		
- <u>Security</u>	Sheets Printed b	y Media Size		
-D <u>Online help</u>	Envelope:		0	
- Disk Operations	Postcards:		0	
- Configuration Summ	B5:		0	
	Letter:		6	
L	A4:		0	
	Legal:		0	
	Other:		0	
	Total Sheets Print	ed:	6	
	Sheets Printed b	y Media Type		
	Plain Paner:	· · · · · · · · · · · · · · · · · · ·	6	

# The **System/Administration/Usage Summary** window provides the following information:

ltem	Description
Supplies Status	Displays the statistics of consumable items in the printer.
Page Information	Displays printer statistics grouped by Sheets Printed by Media Size, Sheets Printed by Media Type, Total Normalized Counts and Normalized Coverage Information.
Normalization Information	Normalization is a calculation of coverage based on a letter/A4 size page.
	For example, Legal paper is 8.5x14 inches which is roughly 1.27 times the area of a letter size page. If the user were to print a legal page with a 10% coverage of cyan, how many letter/A4 pages would that coverage consist of for toner use concerns? The answer is 1.27 times as much - or the toner equivalent of 12.7% coverage on a letter size page.

#### **File Download**

Internet Services Phaser 6120	Print Network Accounting
Nama: Phaser 6120 DBS: X8X00000A4900F IE: 0013.062.124.171 Phaser 6120 Phaser 6120 Phaser 6120 Phaser 6120 Capture Print.Saved Jab Capture Print.Job	File Name: Browse

The **Job/File Download** page enables you to print a file directly from the printer without starting up the application.

The following file formats can be printed using direct printing: PDF, TIF, and JPEG.

Item	Description
File Name	Contains the name of the file to be printed.
Browse button	This button enables you to locate the file that you want to print. After selecting a file, the file name appears in the <b>File Name</b> text box.
Submit button	Clicking this button sends the chosen file to the printer for printing.

## Saved Jobs

Internet Services Phaser 6120	Print	Network	Accounting	
Name: Phaser 6120 OMS: XRX0000AA92B00F opbu.xerox.com IP: 013.062.124.171 OD Phaser 6120 Print Saved Job File Download Capture Print Job	SAVED JO	BS		
	XEROX CO	EROX.		

The **Job/Print Saved Job** window provides the following information about recent print jobs:

Item	Description
Saved Jobs	Displays all saved jobs.

# **USB Setup**

The Print page enables more detailed printer settings to be specified.



#### Local Interface

#### USB (shown above)

The **Print/Local Interface/USB Setup** window provides the following parameters for configuration:

Item	Description
User Preferences	
Enable USB	If selected, enables the parameter settings for USB. Default: [Checked] Configuration Menu Equivalent: MENU INTERFACE MENU/USB/ ENABLE
Job Timeout	Sets the number of seconds the interface waits for further data from the host before terminating a spooled print job. Range: 0 - 999 (in seconds) Default: 60 Configuration Menu Equivalent: MENU INTERFACE MENU/USB/JOB TIMEOUT
Save Changes	Saves and applies any changes made.

## **Capture Print Job**

Internet Services Phaser 6120 _{System} Job	Print Netwo	rk Accounting
Name:         Phaser 6120           DNS:         XRX0000AA92B00F           opbu.xerox.com         III:           UP:         013.062.124.171	Capture Print Jo	b
Phaser 6120  Dob Listing  Phits Saved Job  District Saved Job  Di	Save Changes	Discard Changes
	XEROX CORPORATION 2	005

The **Job/Capture Print Job** page enables you to print a file directly from the printer without starting up the application.

Item	Description
Job ID	Enter the job ID of the file to be downloaded.
Save Changes	Click this button to perform the selected operation.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

## **Print Information Pages**

Name:         Phaser 6120           DNS:         XRX0000AA92800F           opbu.xerox.com         013.062.124.171	Print Information Pages	
Print Phaser 6120 Print Information Pages Cocal Interface Default Setting List Fonts List Directories	Print Configuration Page     Print Supplies Page     Print List of Installed PS Fonts     Print List of Installed PCL Fonts     Print Directory Listing     Print Menu Map     Print Demo Page	

The **Print/Print Information Pages** window provides the following information about recent print jobs:

Item	Description
Print Configuration Page	Internal configuration page print command
Print Supplies Page	Internal statistics page print command
Print List of Installed PS Fonts	Internal PS font list print command
Print List of Installed PCL Fonts	Internal PCL font list print command
Print Directory Listing	Internal directory list page print command
Print Menu Map	Internal menu map page print command
Print Demo Page	Internal demo page print command
Print button	Sends the data to the printer.

Item	Description
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

## **Default Setting**

#### General

Name: Phaser 6120	General			
opbu.xerox.com IP: 013.062.124.171	General			
Dript	Emulation Sensing	9		
⊴Phaser 6120	Parameters	Current	Default	
Print Information Pages	Default Emulation	Automatic *	Automatic	
∋∅ Local Interface	Auto-Sense Default	PCL5	PCL5	
- General				
- PostScript	Save Chapter	Discard Char	Set as De	fault
∎∰ List Fonts	Best	ore Default	Bestore Factore	Tuun
List Directories		ore berdu.	Treatore Fuctory	

The **Print/Default Setting/General** window provides the following parameters for configuration. The settings are arranged in 3 columns: Current, Custom, Factory.

Item	Description
Emulation Sensing	
Default Emulation	Assigns the selected emulation as the default emulation. The default emulation is used whenever a print job without emulation identification is received. Choices: Automatic, PostScript, PCL5, PCL XL, Hex Dump, PDF Default: Automatic Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ EMULATIONS/DEFAULT

Item	Description
Auto-Sense Default	When Auto is selected as the Default Emulation (see above), the printer samples the incoming print job to try to determine the correct emulation to use for the job. If the printer is unable to discern the emulation of an incoming print job, the setting for this parameter is used as the emulation. Choices: PCL5, PostScript Default: PCL5 Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ EMULATIONS/AUTO DEFAULT
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.
Set as Default button	Saves the changes made to Custom values.
Restore Default button	Restores the Custom values to the ones saved in custom defaults.
Restore Factory button	Changes all settings to the Factory values.

#### PostScript

Vame: Phaser 6120 DNS: XRX0000AA92B00F opbu.xerox.com IP: 013.062.124.171	PostScript				
Print	Parameters	Current		Default	
Phaser 6120	PS Error Page	On 💌		On	
Local Interface	PS Protocol Network Setup	Binary		Binary	
List Fonts	Save Changes	Discard	Changes	Set as	Default
🖶 🛱 List Directories	Res	ore Default	Restor	E Factory	

The **Print/Default Setting/PostScript** window provides the following parameters for configuration. The settings are arranged in 3 columns: Current, Custom, Factory.

Item	Description
PS Error Page	Print an error page if the print job cannot be printed or creates an error. Choices: On, Off Default: On Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ EMULATIONS/POSTSCRIPT/ERROR PAGE
PS Protocol Ethernet	Sets the binary communications protocol (BCP). Choices: Binary, Quoted Binary Default: Binary Configuration Menu Equivalent: MENU INTERFACE MENU/ ETHERNET/PS PROTOCOL
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.
Set as Default button	Saves the changes made to Custom values.

Item	Description
Restore Default button	Restores the Custom values to the ones saved in custom defaults.
Restore Factory button	Changes all settings to the Factory values.

System Job	Print	Network	Accoun	ting
ame: Phaser 6120 <u>NS</u> : XRX0000AA92B00F opbu.xerox.com 2: 013.062.124.171	PCL			
Print	Parameters	Current		Default
Phaser 6120	Line Termination	CR=CR LF=	CRLF 👱	CR=CR LF=CRLF
Default Setting	PCL Fonts Pitch Size	10.00		10.00
- PostScript	Font Number	0		0
LD PCL	Point Size	12.00		12.00
🕼 List Fonts 🕼 List Directories	Symbol Set	PC8	•	PC8
	Save Changes	Discard	Changes	Set as Default
	Res	tore Default	Restor	e Factory

The **Print/Default Setting/PCL** window provides the following parameters for configuration. The settings are arranged in 3 columns: Current, Custom, Factory.

Item		Description
Line Termination		Sets the line termination value. Choices: CR=CR LF=CRLF, CR=CR LF=LF, CR=CRLF LF=LF, CR=CRLF LF=CRLF Default: CR=CR LF=CRLF Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ EMULATIONS/PCL/LINE TERMINATION
PCL Fonts F	Pitch Size	Controls the font pitch in characters per inch (cpi). Range: Up to 4 characters (0.44 - 99.99) Default:10.00 Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ EMULATIONS/PCL/FONT/PITCH SIZE

Item		Description
Font Number		Identifies the PCL font number. Range: Up to 5 characters (0 - 32767) Default: 0 Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ EMULATIONS/PCL/FONT/FONT NUMBER
	Point Size	Controls the height (in points) of the default font. Range: Up to 5 characters (4.00 - 999.75) Default: 12.00 Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ EMULATIONS/PCL/FONT/POINT SIZE
	Symbol Set	Sets the symbol set to be used. Default: PC8 Configuration Menu Equivalent: MENU SYSTEM DEFAULT/ EMULATIONS/PCL/FONT/SYMBOL SET
Save Chan	ges	Saves and applies any changes made.
Discard Changes		If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.
Set as Default button		Saves the changes made to Custom values.
Restore Default button		Restores the Custom values to the ones saved in custom defaults.
Restore Factory button		Changes all settings to the Factory values.

## **Download Font/Form**

#### List Fonts/PS Fonts

Internet Services Phaser 6120	
System Job	Print     Network     Accounting       PS FONTS LIST       AlbertusMT       AlbertusMT-Italic       AlbertusMT-Italic       AntiqueOlive-Bold       AntiqueOlive-Italic       AntiqueOlive-Compact       AntiqueOlive-Compact       AntiqueOlive-Ce-compact       AntiqueOlive-CE-Bold       AntiqueOlive-CE-Roman       AntiqueOliveCE-Italic       AntiqueOliveCE-Roman       Apple-Chancery       Apple-Chancery       Arial-BoldItalicMT       Arial-BoldItalicMT       ArialCE-Bold       ArialCE-Bold
	AvantGarde-Book

The **Printer/List Fonts/PS Fonts** window displays a list of PostScript fonts installed on the printer.

#### Configuration Menu Equivalent:

```
MENU PRINTABLE PAGES MENU/FONT LIST/
POSTSCRIPT
```

#### List Fonts/PCL Fonts

System Job	Print Network	k Accounting
Name: Phaser 6120 DNS: XRX0000AA92B00F opbu.xerox.com	PCL FONTS LIST	
<u>IP</u> : 013.062.124.247	Font Name	INDEX
	Courier	00000
Print	Courier Italic	00001
🗃 Phaser 6120	Courier Bold	00002
- Print Information Pages	Courier Bold Italic	00003
local Interface	Naskh	00004
M Default Catting	Naskh Bold	00005
B Derault Setting	Albertus Medium	00006
🗛 List Fonts	Albertus Extra Bold	00007
- PS Fonts	Antique Olive	00008
PCL Fonts	Antique Olive Italic	00009
List Directories	Antique Olive Bold	00010
<b>P</b>	Arial	00011
	Arial Italic	00012
	Arial Bold	00013
	Arial Bold Italic	00014
	Clarendon Condensed Bold	00015
	Coronet	00016
	Garamond Antiqua	00017
	Garamond Kursiv	00018
	Garamond Halbfett	00019
	Garamond Kursiv Halbfett	00020
	Letter Gothic	00021
	Letter Gothic Italic	00022
	Letter Gothic Bold	00023
	Marigold	00024

The **Printer/List Fonts/PCL Fonts** window displays a list of PCL Fonts installed on the printer and also the Index values of each font.

Configuration Menu Equivalent:

MENU PRINTABLE PAGES MENU/FONT LIST/PCL

#### List Directories/FLASH Memory

Internet Services Phaser 6120	
System Job	Print Network Accounting
Name: Phaser 6120 DNS: XRX0000AA92B00F	FLASH Directory Dath: /fffc0
DNS: XRX0000AA22800F opbu.xerox.com IP: 013.062.124.171 Phaser 6120 Print Information Paces Default Setting List Fonts List Fonts List Ninectories PLASH Memory Disk. Drive	***** FLASH DIRECTORY LISTING ***** Listing Directory /ff50/data/USfiles drwxrxwrxv1 0 0 2048 Jan 1 1980 Profiles Listing Directory /ff50/data/USfiles/Profiles Listing Directory /ff50/data/USfiles/Profiles Listing Directory /ff50/data/PCLSfiles drwxrwxrwx 1 0 0 2048 Jan 1 1980 hardfonts drwxrwxrwx 1 0 0 2048 Jan 1 1980 hardfonts drwxrwxrwx 1 0 0 2048 Jan 1 1980 hardfonts drwxrwxrwx 1 0 0 2048 Jan 1 1980 softfonts drwxrwxrwx 1 0 0 2048 Jan 1 1980 softfonts Listing Directory /ff50/data/PCLSfiles/hardfonts Listing Directory /ff50/data/PCLSfiles/hardfoatterns Listing Directory /ff50/data/PCLSfiles/hardfoatterns Listing Directory /ff50/data/PCLSfiles/hardfoatterns
	Listing Directory /Hfs0/data/PCL5files/softmacros Listing Directory /Hfs0/data/PCL5files/softpatterns Listing Directory /Hfs0/data/PCL5files/softpatterns drwxrwxrwx 1 0 0 2048 Jan 1 1980 hardfonts drwxrwxrwx 1 0 0 2048 Jan 1 1980 hardfonts drwxrwxrwx 1 0 0 2048 Jan 1 1980 softfonts drwxrwxrwx 1 0 0 2048 Jan 1 1980 softfonts

The **Printer/List Directories/FLASH Memory** window displays the list of files currently installed in the printer's flash memory.

#### Configuration Menu Equivalent:

MENU PRINTABLE PAGES MENU/DIRECTORY LIST

# **Network Page**

The Network page enables you to configure network settings.

Internet Services Phaser 6120			
System Job	Print	Network	
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	ETHERNET-TO	CP/IP	
	TCP/IP Settings		
GPhaser 6120	Enable TCP/IP		
	IP Address	013.062.125.155	
NetWare (IPX/SPX)	Subnet Mask	255.255.248.000	
- <u>EtherTalk/Bonjour</u>	Default Router	013.062.120.001	
- SNMP SSL/TLS	Host Name	henrys6120	
	Automatic IP Setti	ngs	
	Enable DHCP/BOOTP		
	Enable PING/ARP		
	Enable AUTO IP		
	Printing Protocols		
	Enable FTP		
	Enable Port 9100		
			1

#### Ethernet

#### TCP/IP (shown above)

The **Network/TCP/IP** window provides the following parameters for configuration:

Item	Description	
TCP/IP Settings		
Enable TCP/IP	Enables the settings for TCP/IP. Default: [Checked] Configuration Menu Equivalent:	
	TCP/IP/ENABLE	

#### List Directories/Disk Drive

Internet Services	
Dhasan C100	
Phaser 6120	
System Job	Print Network Accounting
Name: Phaser 6120 DMS: XRX0000A492800F opbuxerox.com IP: 013.062.124.171 Print Phaser 6120 IP: Int Information Pages Local Interface Local Interface List Fonts List Fonts List Memory Disk Drive	Disk Directory Path: /ata0a ***** DISK DIRECTORY LISTING ***** Listing Directory /ata0a/data drwxrwxrwx 1 0 0 16384 Jan 1 00:00 USfles drwxrwxrwx 1 0 0 16384 Jan 1 00:01 UStransfiles drwxrwxrwx 1 0 0 16384 Jan 1 00:01 PCLSfiles drwxrwxrwx 1 0 0 16384 Jan 1 00:01 Profiles Listing Directory /ata0a/data/USfiles Listing Directory /ata0a/data/USfiles Listing Directory /ata0a/data/USfiles Listing Directory /ata0a/data/USfiles drwxrwxrwx 1 0 0 16384 Jan 1 00:01 hardfonts drwxrwxrwx 1 0 0 16384 Jan 1 00:01 soffmacros drwxrwxrwx 1 0 0 16384 Jan 1 00:01 soffmators drwxrwxrwx 1 0 0 16384 Jan 1 00:01 soffmators Listing Directory /ata0a/data/PCLSfiles/hardfonts Listing Directory /ata0a/data/PCLSfiles/hardfonts
	Listing Directory /ata0a/data/PCL5files/hardpatterns
	Listing Directory /ata0a/data/PCL5files/softfonts

The **Printer/List Directories/Disk Drive** window displays the list of files currently installed in the printer's flash memory.

Configuration Menu Equivalent:

MENU PRINTABLE PAGES MENU/DIRECTORY LIST

Item		Description
IP Address		Sets the IP address. Default: 192.168.1.2 Configuration Menu Equivalent: MENU INTERFACE MENU/ETHERNET/ TCP/IP/IP ADDRESS
Subnet Mask		Sets the subnet mask address. Default: 000.000.000 Configuration Menu Equivalent: MENU INTERFACE MENU/ETHERNET/ TCP/IP/SUBNET MASK
Default Router		Sets the default router IP address. Default: 000.000.000 Configuration Menu Equivalent: MENU INTERFACE MENU/ETHERNET/ TCP/IP/DEFAULT ROUTER
Automatic IP Settings	Enable DHCP/ BOOTP	Selecting this check box enables DHCP. Default: [Checked] Configuration Menu Equivalent: MENU INTERFACE MENU/ETHERNET/ TCP/IP/DHCP/BOOTP
	Enable PING/ ARP	Selecting this check box enables PING/ARP. Default: [Checked]
	Enable AUTO IP	Selecting this check box enables automatic IP detection. Default: ON Configuration Menu Equivalent: MENU INTERFACE MENU/ETHERNET/ TCP/IP/ENABLE AUTO IP
Printing Protocols	Enable FTP	Selecting this check box enables FTP. Default: [Checked]
	Enable Port 9100	Selecting this check box enables Port 9100. Default: [Checked]
Save Changes		Saves and applies any changes made.
Discard Changes		If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

Internet Services		
Phaser 6120		
System Job	Print Network	Accounting
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	NetWare Support	
Network	Enable NetWare	<b>N</b>
Phaser 6120  CP/IP  NetWare (IPX/SPX)  EtherTalk/Boniour  IPP	General Parameters Ethernet Frame Type Operating Mode	Auto   Print Server
	Print Server Parameters	
- <u>SSL/ILS</u>	Print Server Password	XRX00206BC13AE1
	Validate Password	
	Print Server Mode	NDS 👤
	Preferred File Server	
	Preferred NDS Tree	
	Preferred NDS Context	
	Print Server Polling Rate	15 seconds
	Printer Number	1

The **Network/NetWare (IPX/SPX)** window provides the following parameters for configuration:

Item		Description
Enable NetWare		When selected, enables the NetWare settings. Default: [Checked]
General Parameters	Ethernet Frame Type	Sets the Ethernet Frame Type. Choices: Auto, Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP Default: Auto Configuration Menu Equivalent: MENU INTERFACE MENU/ ETHERNET/IPX/SPX/FRAME TYPE
	Operating Mode	Sets the operating mode. Choices: Print Server, Remote Printer Default: Print Server

Item		Description	
Print Server Parameters	Print Server Name	Sets the print server name. Range: Up to 64 characters Default: KMBTxxxxxx (Where x's are last 6 digits of MAC Address of the printer).	
	Print Server Password	If the print server requires a password, enter the password in this field. Range: Up to 64 characters Default: [Blank]	
	Validate Password	Used to validate the password entered in the <b>Print</b> <b>Server Password</b> field. Range: Up to 64 characters	
	Print Server Mode	Sets the print server mode. Choice: Bindery, Both, NDS Default: NDS	
	Preferred File Server	Sets the name of the preferred file server. Range: Up to 47 characters Default: [Blank]	
	Preferred NDS Tree	Identifies the NDS tree. Range: Up to 48 characters Default: [Blank]	
	Preferred NDS Context	Identifies the NDS context. Range: Up to 191 characters Default: [Blank]	
	Print Server Polling Rate	Sets the time interval (in seconds) that passes between print server pollings. Range: 1 - 65535 (in seconds) Default: 1	
	Printer Number	Allows you to assign a printer number for identification purposes. Range: 0 - 254 Default: 1	
Save Changes		Saves and applies any changes made.	
Discard Changes		If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.	

#### EtherTalk

Internet Services Phaser 6120 System Job	Print Networ	<b>k</b> Accounting
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	EtherTalk/Bonjo	ur
Network Phaser 6120 In TCP/IP NetWare (IPX/SPX) EtherTalk/Boniour IPE SIMMP SSL/TLS	EtherTalk Enable EtherTalk Printer Name Nétzone	Phaser 6120
	Bonjour Enable Bonjour Bonjour Printer Name Localhost Name	Phaser 6120(C1:3A:E1) Phaser 6120-C13AE1

The **Network/EtherTalk/Bonjour** window provides the following parameters for configuration:

Item	Description
Enable EtherTalk	When selected, enables the parameter settings for EtherTalk. Default: [Checked]
Printer Name	Identifies the printer name. Range: Up to 32 characters Default: Phaser 6120
Netzone	Identifies the zone where the printer is located. Range: Up to 32 characters Default: *
Enable Bonjour	When selected, enables the parameter settings for Bonjour. Default: [Checked]
Bonjour Printer Name	Identifies the printer name. Range: Up to 63 characters Default: Phaser 6120(xx:xx:xx)
Localhost Name	Text box for localhost name change. Range: Up to 63 characters; may contain only letters, digits, and hyphens. Must begin and end with a letter or digit. Default: Phaser6120-xxxxx
Save Changes	Saves and applies any changes made.

Item	Description
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

Internet Services			
Phaser 6120			
System Job	Print Networ	k Accounting	
Name:         Phaser         6120           DNS:         henrys6120         .opbu.xerox.com           IP:         013.062.125.155	IPP Settings		
Network	Enable IPP		
Phaser 6120	Printer Name	Phaser 6120	
- TCP/IP	Printer Location		
EtherTalk/Bonjour	Accept IPP Jobs	Enable -	
	Printer Make & Model	Xerox Phaser 6120	
- SNMP			
Le ssl/tls	Printer URLs Supported		
	Printer URLs	Authentication	Security
	http://13.62.125.155/ipp	Requesting User Name	None
	http://13.62.125.155:80/ipp	Requesting User Name	None
	http://13.62.125.155:631/ipp	Requesting User Name	None
	ipp://13.62.125.155/ipp	Requesting User Name	None
	ipp://13.62.125.155:631/ipp	Requesting User Name	None
	Operations Supported		
	Print Jobs		
	Validate Job		
	Cancel Job		
	Get Job Attributes		

The **Network/IPP Settings** window provides the following parameters for configuration:

Item	Description
Enable IPP	When selected, enables the parameter settings for IPP. Default: [Checked]
Printer Name	Identifies the printer name. Range: Up to 128 characters Default: Phaser 6120
Printer Location	Identifies the location of the printer. Range: Up to 128 characters Default: [Blank]
Accept IPP Jobs	When Enable is selected, allows the printer to process incoming IPP jobs. Choices: Enable, Disable Default: Enable

Item	Description	
Printer Make & Model	Identifies the printer manufacturer and printer model. This text is read-only.	
Printer URLs Supported	Displays the URLs supported by the printer. This text is read-only.	
Operations Supported	This read-only text lists the operations supported.	
Save Changes	Saves and applies any changes made.	
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.	
Internet Services Phaser 6120		
-----------------------------------------------------------------------------------------------------------------------------	----------------	-----------------
System Job	Print Network	Accounting
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	SNMP Settings	
Network	Enable SNMP	V
∎Phaser 6120		
	SNMP GET	
NetWare (IPX/SPX)	Community Name	•••••
EtherTalk/Bonjour	Access	Read
- SNMP		
	SNMP SET	
	Community Name	
	Access	Read/Write
	Save Changes	Discard Changes

The **Network/SNMP** window provides the following parameters for configuration:

Item		Description
Enable SNMP		If selected, enables the parameter settings for SNMP. Default: [Checked]
SNMP GET	Community	Sets the IP community of the printer. Range: Up to 32 characters Default: public
	Access	Identifies Read or Write access.
SNMP SET	Community	Sets the IP community of the printer. Range: Up to 32 characters Default: private
	Access	Identifies Read or Write access.
Save Chan	ges	Saves and applies any changes made.
Discard Changes		If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

### **SSL/TLS Information**



The **Network/SSL/TLS Information** page only appears when there is a Certificate installed.

Internet Services Phaser 6120	
System Job	Print Network Accounting
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	SSL/TLS
Network Phaser 6120 I CCP/IP NetWare (IPX/SPX) EtherTalk/Boniour I IPP SNMP SSL/LS	SSL/TLS Setting         No Certificate is installed.         Create a self-signed Certificate         Request a Certificate         Install a Certificate         Set encryption strength         Remove Certificate         SSL/TLS Mode
	Previous Next Discard Changes
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The **Network/SSL/TLS** page enables you to select the following SSL/ TLS settings that appear.



As a default, SSL/TLS is not installed. Select **Create a Self-Signed** Certificate and click Submit to create a certificate and specify the SSL settings.

Item		Description
SSL/TSL Setting	Create a Self-Signed Certificate	Displays the Self-signed Certificate Setting page.
	Request a Certificate	Displays the Request Certificate Setting Page.
	Install a Certificate	Displays the Install Certificate Setting Page.
	Set Encryption Strength	Displays the Encryption Strength Setting Page. Only available if a certificate is currently installed.
	Remove Certificate	Displays the Remove Certificate Setting Page. Only available if a certificate is currently installed.
	SSL/TSL Mode	Displays the SSL/TLS Mode Setting Page. Only available if a certificate is currently installed.
Previous b	utton	Returns to the previous screen.
Next button		Click to display the selected page.
Discard Ch	nanges	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

Internet Services Phaser 6120 System Job	Print Network Accounting
Name:         Phaser         6120           DNS:         henrys6120         .opbu.xerox.com           IP:         013.062.125.155	SSL/TLS
Network Phaser 6120 Marce (IPX/SPX) MetWare (IPX/SPX) MetWare (IPX/SPX) EtherTalk/Boniour IPP SIMP SILTLS	Self-Sighed Certificate Setting       Common Name       Organization       Organization Unit       Locelity       State/Province       Country Code
	Start Date (UTC) (mm/dd/yyyy hh:mm:ss) Number Of Days 30 (1 - 3650)
	Encryption 3DES_168bits,RC4_128bits,DES_56bits or RC4_40bits

The **Network/SSL/TLS/Self-Signed Certificate Setting** page enables you to create a certificate and specify SSL settings.

Item	Description	
Common Name	Identifies the IP address of the printer.	
	This text is read-only.	
Organization	Specify the name of the group or organization. Range: Up to 64 characters Default: [Blank]	
Organization Unit	Specify the name of the post. Range: Up to 64 characters Default: [Blank]	
Locality	Specify the name of the municipality. Range: Up to 128 characters Default: [Blank]	
State/Province	Specify the name of the state or province. Range: Up to 128 characters Default: [Blank]	

Item	Description
Country Code	Specify the name of the country as a country code regulated by ISO03166. Range: Up to 2 characters Default: [Blank]
Start Date	Specifies the start date of the Self-Signed Certificate.
Number of Days	Specify the period of validity. Range: 1 - 3650 Default: 30
Encryption Strength	<ul> <li>Specify the encryption level.</li> <li>Choices:</li> <li>3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits</li> </ul>
	RC4_128bits, DES_56bits or RC4_40bits
	DES_56bits or RC4_40bits
	Default: 3DES_168bits,RC4_128bits, DES_56bits or RC4_40bits
Previous button	Returns to the previous screen.
Next button	Click to display the selected page.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

### **Request a Certificate**

Internet Services Phaser 6120 System Job	Print	Network	Accounting
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	SSL/TLS		
Network	Request a Certif	ficate	
Phaser 6120  TCP/IP  tetherTalk/Bonjour  tetherTalk/Bonjour  pr SSL/TLS	Common Name Organization Organization Unit Locality State/Province Country Code		henrys6120.opbu.xerox.com
Ļ	Previous	Next	Discard Changes

The **Network/SSL/TLS/Request a Certificate** page provides the following parameters for configuration:

Item	Description	
Common Name	Displays the IP Address of the printer.	
Organization	Specifies the name of the group or organization.	
	Range: Up to 64 characters Default: [Blank]	
Organization Unit	Specifies the name of the post.	
	Range: Up to 64 characters Default: [Blank]	
Locality	Specifies the name of the municipality.	
	Range: Up to 128 characters Default: [Blank]	
State/Province	Specifies the name of the state or province.	
	Range: Up to 128 characters Default: [Blank]	

Item	Description	
Country Code	Specify the name of the country as a country code regulated by ISO03166.	
	Range: Up to 2 characters Default: [Blank]	
Previous button	Click to return to the Network/SSL/TLS page.	
Next button	Click to display the selected page.	
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.	

### **Certificate Signing Request Data**



The **Network/SSL/TLS/Certificate Signing Request Data** page displays the data that will be submitted to the certificate authority to request that a certificate be issued.

Item	Description
Certificate Request	Displays the data that will be submitted to the certificate authority to request that a certificate be issued.
OK button	Click to return to the Network/SSL/TLS page.

### Install a Certificate

Internet Services Phaser 6120 System Job	Print Network Accounting
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	SSL/TLS
Network Phaser 6120 I TCP/IP Netware (IPX/SPX) Etherfalk/Boniour I IPP SSIJTLS	Install a Certificate
	Encryption 3DES_168bits,RC4_128bits,DES_56bits or RC4_40bits
	Previous Next Discard Changes

The **Network/SSL/TLS/Install a Certificate** page enables you to install the certificate issued by the certificate authority.

ltem	Description
Install a Certificate	Attaches the CSR (certificate signing request) in the text format sent from the certificate authority.
Encryption	Specifies the encryption level.
Strength	Choices:
	<ul> <li>3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits</li> </ul>
	RC4_128bits, DES_56bits or RC4_40bits
	DES_56bits or RC4_40bits
	Default: 3DES_168bits,RC4_128bits, DES_56bits or RC4_40bits
Previous button	Click to return to the Network/SSL/TLS page.
Next button	Click to display the selected page.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

### **Encryption Strength**

Internet Services Phaser 6120	Print Network Accounting
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	SSL/TLS
Network Phaser 6120  TCP/IP NetWare (IPX/SPX) BetherTalk/Boniour	Encryption Strength Encryption 3DES_168bits,RC4_128bits,DES_56bits or RC4_40bits
HD IPP HD SNMP HD SSLATLS	Save Changes Cancel
	XEROX CORPORATION 2005

The **Network/SSL/TLS/Encryption Strength** page enables you to specify the encryption level.

Item	Description
Encryption Strength	Specifies the encryption level.
	Choices:
	<ul> <li>3DES_168bits, RC4_128bits, DES_56bits or RC4_40bits</li> </ul>
	RC4_128bits, DES_56bits or RC4_40bits
	DES_56bits or RC4_40bits
	Default: 3DES_168bits,RC4_128bits, DES_56bits or RC4_40bits
Save Changes	Saves and applies any changes made.
Cancel button	Click to return to the <b>Network/SSL/TLS</b> page.

### **Remove Certificate**

Internet Services Phaser 6120 System Job	Print Network Accounting
Name:         Phaser         6120           DNS:         henrys6120         .opbu.xerox.com           IP:         013.062.125.155	SSL/TLS
Network	Remove Certificate
Phaser 6120	Remove the installed Certificate?
NetWare (IPX/SPX)     EtherTalk/Boniour     IPP     SNMP     SSL/TLS	Save Changes Cancel
	XEROX CORPORATION 2005

The **Network/SSL/TLS/Remove Certificate** page enables you to delete the installed certificate.

Item	Description
Save Changes	Saves and applies any changes made.
Cancel button	Click to return to the Network/SSL/TLS page.

Internet Services Phaser 6120	Print Network Accounting	
Name:         Phaser 6120           DNS:         henrys6120           .opbu.xerox.com           IP:         013.062.125.155	SSL/TLS	
Network Phaser 6120 TCP/IP NetWare (IPX/SPX)	SSL/TLS Mode SSL/TLS Mode Enable	
EtherTalk/Boniour     IPP     SNMP     SSL/TLS	Save Changes Cancel	
	XEROX CORPORATION 2005	
	XEROX.	

The **Network/SSL/TLS/SSL/TLS Mode** page enables SSL to be enabled or disabled.

Item	Description
SSL/TLS Mode	If Enable is displayed, SSL is enabled. If Disable is selected, SSL is disabled. Choice: Enable, Disable
Save Changes	Saves and applies any changes made.
Cancel button	Click to return to the Network/SSL/TLS page.

## **Accounting Page**

If the optional hard drive is installed in the printer, the **Accounting** window enables you to view accounting reports and reset the Accounting file.

Name: Phaser 6120 DNS: XRX0000AA92B00F opbu.xerox.com	Job Accounting
IP:         013.062.124.171           Accounting         Phaser 6120           Image: Dab Accounting         Error Accounting           Error Accounting         Error Accounting	Enable Accounting  Reset Accounting Files  Records: 0 Display Information Number of Records to Display in CentreWare Internet Services All
	Save Changes Discard Changes

### Printer-Based Job Accounting (shown above)

The **Accounting/Printer-Based Job Accounting** page enables you to check details of print jobs.

Item	Description
Enable Accounting	If selected, enables the parameter settings for Accounting. Default: [Checked]
Reset Accounting Files	Resets the accounting file located on the printer's internal hard disk. Default: [Not checked]
Display Information	Sets where the accounting records are to be displayed for your review. Choices: Upload to Host, Display in CentreWare IS Default: Display in CentreWare IS

Item	Description
Number of Records to Display	Sets the number of accounting file records that are to be displayed when <b>Display in CentreWare IS</b> is selected in the Display Information field (described above). Choices: All, Last 10, Last 50, Last 100, Last 250, Last 500, None Default: None
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

### **Printer-Based Error Accounting**

Name: Phaser 6120 DNS: XRX0000AA92B00F opbu.xerox.com IP: 013.062.124.171	Error Accounting
Accounting Phaser 6120 Dab Accountina Error Accountina	Enable Accounting  Reset Accounting Files  Records: 0 Display Information Display in Centra Ware Internet Services Number of Records to Display All
	Save Changes Discard Changes

The **Accounting/Printer-Based Error Accounting** page enables you to check details of print errors.

Item	Description
Enable Accounting	If selected, enables the parameter settings for Accounting. Default: [Checked]
Reset Accounting Files	Resets the accounting file located on the printer's internal hard drive. Default: [Not checked]
Display Information	Sets where the accounting records are to be displayed for your review. Choices: Upload to Host, Display in CentreWare IS Default: Display in CentreWare IS
Number of Records to Display	Sets the number of accounting file records that are to be displayed when <b>Display in CentreWare IS</b> is selected in the Display Information field (described above). Choices: All, Last 10, Last 50, Last 100, Last 250, Last 500, None Default: None

Item	Description
Save Changes	Saves and applies any changes made.
Discard Changes	If you made changes to any of the parameter settings but do not wish to apply the changes, selecting this button restores the last submitted parameter settings.

## Installing Printer Management Software on Windows



You must have administrator privileges in order to install the Printer Management Software.



Before proceeding with the installation, be sure to exit all running applications.

The following procedure describes how to install the Printer Management Software:

- CentreWare Web
- Enterprise Management Systems: CentreWare for HP OpenView, CentreWare for Tivoli NetView. CentreWare for Unicenter TNG
- 1 Insert the Phaser 6120 Software and Documentation CD-ROM in your CD/DVD-ROM drive
- 2 Select your desired language from the list.
- 3 Select Printer Management Tools.

Install Printer Driver	Link to the Xerox web site to explore the available Xerox printer
Documentation	management tools and install the tools that best meet your needs.
Register Printer	
Color Connection	
Alternative Drivers	
Printer Management Tools	
Download Manager	

The link will automatically direct you to <u>www.xerox.com/office/pmtools</u> where you can access the different software tools for the printer.

4 When you are finished, click **Exit Program** and remove the *Software and Documentation CD-ROM* from your CD-ROM drive and store it in a safe place.



# Understanding the Network Setup Menus

### Accessing the Network Setup

Use the following series of keystrokes at the printer to access the Network Setup menu options on your printer. This menu provides access to all of the configurable network items.

Press this key	(until) the message window reads
★ Menu Select ↓	MENU PROOF/PRINTABLE PAGES MENU or if no optional hard drive is installed: MENU PRINTABLE PAGES MENU
$\triangleright$	MENU INTERFACE MENU
★ Menu Select ↓	
★ Menu Select ↓	

Restart the printer after changing settings in the Network Setup menu.

### **Using the Network Setup Menu Options**

If the printer is connected to a network, the following settings should be specified. For details about each setting, contact your network administrator.



When manually setting the IP address, Subnet Mask, and Gateway turn off DHCP first.

### TCP/IP

#### Enable

Purpose	Enables or disables TCP/IP.
	If YES is selected, TCP/IP is enabled.
	If NO is selected, TCP/IP is disabled.
Options	YES
	NO
Default	YES

#### DHCP/BOOTP

Purpose	If there is a DHCP or BOOTP server on the network, specifies whether the IP address and other network information is automatically assigned by the DHCP or BOOTP server.
Options	ON
	OFF
Default	ON

#### **IP Address**

Purpose	Sets the IP address of this printer on the network.
Range	0–255 for each xxx triplet
	Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	192.168.001.002

#### **Default Router**

Purpose	Sets the address of the router/gateway if a router/gateway is used on your network and you allow users outside your network environment to print on your printer.
Range	0–255 for each xxx triplet Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	000.000.000

#### Subnet Mask

Purpose	Sets the subnet mask value of the network. The subnet mask enables you to limit access to your printer (for example, according to departmental divisions).
Range	0–255 for each xxx triplet Use the Up and Down keys to increase or decrease each number; use the Left and Right keys to move between triplets.
Default	000.000.000

#### Enable HTTP

Purpose	Specify whether or not HTTP is used. Selecting NO disables CentreWare IS.
Range	YES
	NO
Default	YES

#### Enable Auto IP

Purpose	Select whether or not the IP address is automatically acquired when DHCP/BOOTP and PING, ARP are not functioning or when there is no response.
Range	YES
	NO
Default	YES

### IPX/SPX

### Frame Type

Purpose	Set the protocol to use for NetWare IPX/SPX.
Range	AUTO
	802.2
	802.3
	ETHER II
	SNAP
Default	AUTO

### EtherTalk

#### Name

Purpose	Printer Name to find/locate printer on EtherTalk.
Range	Up to 16 characters
Default	Phaser 6120

#### Name 2

Purpose	Extension of EtherTalk Name to additional 16 characters, making a total of 32 characters, if required.
Range	Up to 16 characters
Default	[Blank]

#### Netzone

Purpose	Set the Zone Name for EtherTalk.
Range	Up to 16 characters
Default	*

### Netzone 2

Purpose	Extention of Netzone to additional 16 characters, making a total of 32 characters, if required.
Range	Up to 16 characters
Default	[Blank]

### **Ethernet Speed**

Purpose	Specifies the transmission speed for the network and the transmission method for bi-directional transmission.
Range	AUTO
	100 FULL DUPLEX
	100 HALF DUPLEX
	10 FULL DUPLEX
	10 HALF DUPLEX
Default	AUTO

#### **PS Protocol**

Purpose	Configures the port to process PostScript jobs as binary or quoted (tagged) binary.
Range	Binary
	Quoted Binary
Default	Binary

## **Replacing the Battery Backup**

If the backup battery is dead, the printer's date and time cannot be retained. Follow the procedure described below to replace the backup battery.

### Note:

It's very important to protect the printer controller board and any associated circuit boards from electrostatic damage. In addition, always handle circuit boards by the edges only.

Turn off the printer and 1 disconnect the power cord and interface cables.



If the duplex option is installed, remove it.



2 Using a screwdriver or a coin, remove the screw on the back of the printer.



- 3 Remove the rear panel.
  - Since there are two hooks on the right side of the panel, remove the rear panel by slightly pulling the left side of the panel toward you, then sliding the panel off to the left.



4 While holding the tab on the hard drive mounting pin slid to the left, remove the hard drive.



5 Remove the backup battery from the back of the hard drive.



6 Install a new backup battery.



When installing the new backup battery, make sure that the + side faces up.



7 Attach the hard disk to the printer controller board.



8 Reinstall the panel and tighten the screw.

If you removed the duplex unit in step 1, reinstall it.

9 Reconnect all interface cables.

**10** Reconnect the power cord, and turn on the printer.



**11** From the control panel, select SYSTEM DEFAULT/DATE & TIME, and then set the date and time.

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