

DocuPrint CP225 w

User Guide



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Preface

Thank you for purchasing the DocuPrint CP225 w.

This guide is intended for users who use the printer for the first time, and provides all the necessary operating information about the print function.

Please read this guide to achieve the best performance from this printer.

This guide assumes you are familiar with computers and the basics of network operation and configuration.

After reading this guide, keep it safe and handy for future reference.

Fuji Xerox Co., Ltd.

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Types of Manuals

Paper Manuals

Safety Guide	Describes the information you need to know before using the printer and how to operate the printer safely.
Setup Guide	Provides step-by-step instructions on how to set up your printer. Also describes how to check the network connection.
Operator Panel Guide	Describes the icons assigned to the buttons or indicators on the operator panel.

Manuals Included on the Software Pack CD-ROM

User Guide (this guide)	Describes how to get ready to print and set various features. It also covers the operator panel menus, troubleshooting tips, and maintenance information.
Troubleshooting Guide	Describes the troubleshooting tips for printer problems such as paper jams. This guide can be opened from the Launcher.
Product Features	Describes the product features. This guide can be opened from the installer.
Show Me How	Describes the error recovery procedures for the printer. This can be opened from the SimpleMonitor.
PostScript 3 Compatible User Guide	Describes how to set up your printer as a PostScript 3 Compatible printer and the features that can be configured on your print driver.

Using This Guide

■ Organization

This guide is organized into the following chapters. The summary of each chapter is as follows:

1 Specifications	Describes the printer specifications.
2 Basic Operation	Describes the main components of the printer, the power saver mode, and how to turn on/off the printer.
3 Printer Management Software	Describes the software available for the printer.
4 Printer Connection and Software Installation	Describes the basic information about how to connect the printer to your computer and how to install the print driver.
5 Printing Basics	Describes the supported paper, how to load paper, and how to print data using various print features.
6 Using the Operator Panel Menus	Describes the setting items available on the operator panel, and their setup procedures.
7 Digital Certificates	Describes how to create and manage digital certificates.
8 Troubleshooting	Describes the troubleshooting tips for printer problems such as paper jams.
9 Maintenance	Describes how to clean the printer, how to replace toner cartridges, and how to see the printer status.
10 Contacting Fuji Xerox	Describes support information.

■ Conventions

- In this guide, personal computers and workstations are collectively called "computers".
- The following terms are used throughout this guide:

IMPORTANT:

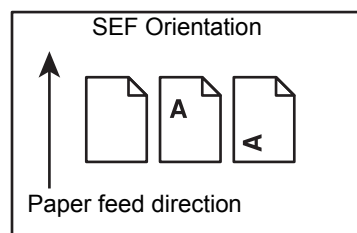
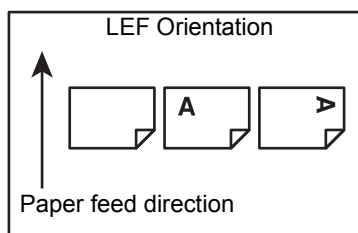
- Important information that must be read and followed.

NOTE:

- Additional information that merits emphasis.

See also:

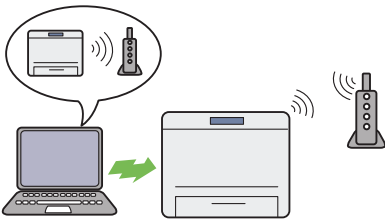
- References within this guide.
- Orientation of documents or paper is described in this guide as follows:
☐, ☐, Long Edge Feed (LEF): Loading the document or paper in landscape orientation.
☐, ☐, Short Edge Feed (SEF): Loading the document or paper in portrait orientation.



- Some of the items in the screen shots and illustrations may not be displayed or available depending on your printer model.

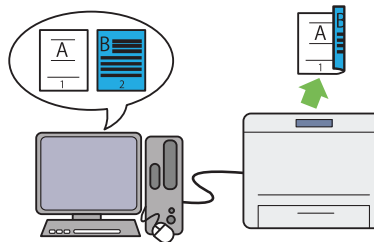
Product Features

Easy Wireless Connection Set Up (EZInstall)



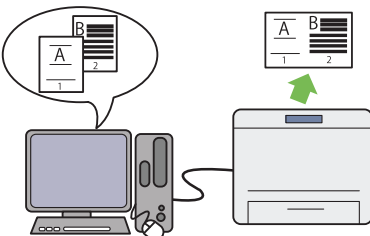
You can easily connect the printer to a wireless network by using the installer on the *Software Pack CD-ROM*. For more information, see "Configuring Wireless Connection Settings" on page 44.

Manual Duplex Print



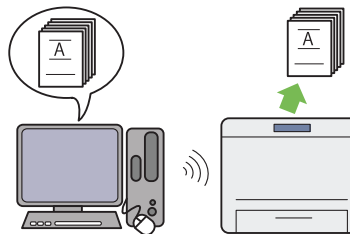
The duplex print feature allows you to print two or more pages on the front and back sides of a single sheet of paper manually. This feature helps reduce paper consumption. For more information, see "Manual Duplex Printing" on page 82.

Multiple Up Print



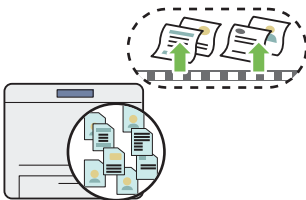
The multiple up print feature allows you to print multiple pages on a single sheet of paper. This feature helps reduce paper consumption. For more information, refer to the Help provided for the print driver.

Printing Through Wireless Connection (Wireless Print)



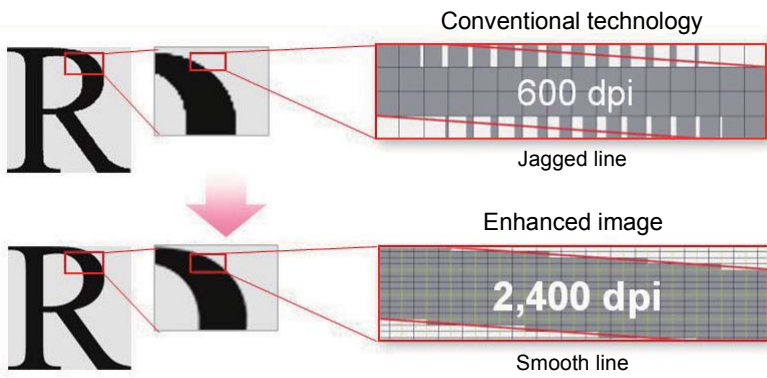
The wireless LAN feature on your printer allows you to install the printer at any location, and enables printing without a wired connection to your computer. For more information, see "Wireless Connection" on page 34.

Secure Print



The Secure Print feature allows you to temporarily store your print data in the printer memory and output it later. You can effectively manage your time when you print confidential data or large-volume data at off-peak hours. For more information, see "Using the Secure Print Feature" on page 86.

Fuji Xerox Imaging Technology






This printer reproduces smooth lines and gradations by 1200 × 2400 dpi high-resolution LED print heads and Micro Accurate Control Screen (MACS) Technology.

In addition, the color registration of each toner is corrected with ultra high precision through a digital process by Image Registration Control Technology (IReCT).

Specifications

This chapter lists the main specifications of the printer. Note that the specifications of the product may change without prior notice.

Items	Description
Product Code	DocuPrint CP225 w 220V: TL300870 DocuPrint CP225 w 110V: TL300873
Type	Desktop
Printing Method	LED Xerography IMPORTANT: <ul style="list-style-type: none"> LED + LED electrophotographic system
Warm-Up Time	28 seconds or less (at 22°C room temperature)
Continuous Print Speed	Color 1 Sided: 18 sheets/min Monochrome 1 Sided: 18 sheets/min IMPORTANT: <ul style="list-style-type: none"> Print speed may decrease due to factors such as paper type, paper size, and printing conditions. When continuously printing a single document of A4 .
First Print	Color: 15.0 seconds (A4 ) Monochrome: 12.5 seconds (A4 ) IMPORTANT: <ul style="list-style-type: none"> The values may vary depending on the machine configuration.
Resolution	1200 × 2400 dpi
Tone/Color	256 tones/color (16.7 million colors)
Paper Size	A4 (210 × 297 mm), B5 (182 × 257mm), A5 (148 × 210mm), C5 (162 × 229 mm), Monarch (3.875 × 7.5"), Com 10 (4.125 × 9.5"), DL (110 × 220 mm), Letter (8.5 × 11"), Legal (8.5 × 14"), Folio (8.5 × 13"), Executive (7.25 × 10.5"), Custom Size: 76.2 – 215.9 mm × 127 – 355.6 mm Image loss: 4 mm from the top, bottom, left, and right edges
Paper Weight	60 – 163 gsm IMPORTANT: <ul style="list-style-type: none"> Use only the recommended paper. Using paper other than that recommended for the printer can cause printing problems. Do not use special ink jet paper. The type of paper being used and environmental conditions can affect printing quality. Because of this, it is recommended to perform a test print and confirm proper print quality before using the printer.
Paper Capacity	150 sheets IMPORTANT: <ul style="list-style-type: none"> Fuji Xerox P paper (64 gsm)
Output Tray Capacity	Approximately 100 sheets (face down) IMPORTANT: <ul style="list-style-type: none"> Fuji Xerox P paper (64 gsm)
2-sided Printing Feature	Standard (Manual)

Items	Description
Memory Capacity	Standard: 256 MB (Onboard) Optional: — IMPORTANT: <ul style="list-style-type: none"> The above memory capacity does not guarantee print quality depending on the type and content of print data.
Fonts	PCL/PostScript 3 Compatible: 80 fonts and 36 Symbol Sets
Page Description Language	PCL, PostScript 3 Compatible
Emulation	PCL 6, PostScript 3 Compatible
Supported OS	PCL6 driver: Microsoft® Windows Server® 2003 (32-bit) Microsoft® Windows Vista® (32-bit) Microsoft® Windows Server® 2008 (32-bit) Microsoft® Windows® 7 (32-bit) Microsoft® Windows® 8 (32-bit) Microsoft® Windows® 8.1 (32-bit) Microsoft® Windows Server® 2003 (64-bit) Microsoft® Windows Vista® (64-bit) Microsoft® Windows Server® 2008 (64-bit) Microsoft® Windows® 7 (64-bit) Microsoft® Windows Server® 2008 R2 (64-bit) Microsoft® Windows® 8 (64-bit) Microsoft® Windows Server® 2012 (64-bit) Microsoft® Windows® 8.1 (64-bit) Microsoft® Windows Server® 2012 R2 (64-bit) PostScript 3 Compatible: Microsoft® Windows Server® 2003 (32-bit) Microsoft® Windows Vista® (32-bit) Microsoft® Windows Server® 2008 (32-bit) Microsoft® Windows® 7 (32-bit) Microsoft® Windows® 8 (32-bit) Microsoft® Windows® 8.1 (32-bit) Microsoft® Windows Server® 2003 (64-bit) Microsoft® Windows Vista® (64-bit) Microsoft® Windows Server® 2008 (64-bit) Microsoft® Windows® 7 (64-bit) Microsoft® Windows Server® 2008 R2 (64-bit) Microsoft® Windows® 8 (64-bit) Microsoft® Windows Server® 2012 (64-bit) Microsoft® Windows® 8.1 (64-bit) Microsoft® Windows Server® 2012 R2 (64-bit) Mac OS X 10.5 Leopard Mac OS X 10.6 Snow Leopard Mac OS X 10.7 Lion OS X 10.8 Mountain Lion OS X 10.9 Mavericks Red Hat® Enterprise Linux® 6 Desktop (32-bit) SUSE® Linux Enterprise Desktop 11 (32-bit) Ubuntu® 12.04 (32-bit) Red Hat® Enterprise Linux® 6 Desktop (64-bit) SUSE® Linux Enterprise Desktop 11 (64-bit) Ubuntu® 12.04 (64-bit) IMPORTANT: <ul style="list-style-type: none"> For information about the latest supported OS, refer to the Fuji Xerox web site.

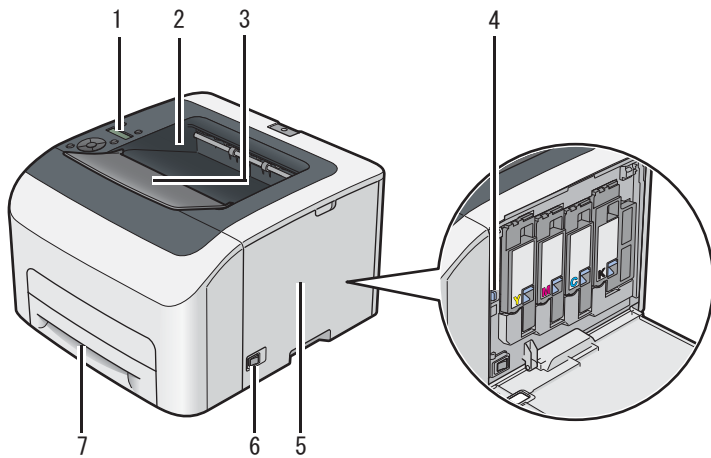
Items	Description
Interface	USB 2.0 (Hi-Speed), Ethernet (10Base-T/100Base-TX), IEEE 802.11b/802.11g/802.11n
Supported Protocol	TCP/IP (IPv4/IPv6, LPD, IPP, IPPS, Port9100, WSD, HTTP, HTTPS, RARP, AutoIP), SNMP, DHCP, DHCPv6, BOOTP, Bonjour (mDNS), AirPrint, Google Cloud Print NOTE: <ul style="list-style-type: none"> • WSD stands for Web Services on Devices.
Power Supply	AC 100 – 127 V ± 10%; 7 A; both 50/60 Hz ± 3 Hz AC 220 – 240 V ± 10%; 5 A; both 50/60 Hz ± 3 Hz IMPORTANT: <ul style="list-style-type: none"> • Power outlets that provide the above power level are recommended.
Operating Noise	During operation: 6.4 B; 49.1 dB (A) During stand-by: 3.5 B; 19.6 dB (A) IMPORTANT: <ul style="list-style-type: none"> • Measurements based on ISO7779 Unit B: acoustic power level (LwAd) Unit dB (A): radiated sound pressure (bystander position)
Power Consumption	Maximum power consumption: 810 W or less Low power mode : 9 W or less Sleep mode : 3 W or less Standby mode : 42 W or less IMPORTANT: <ul style="list-style-type: none"> • The printer does not use electricity when the power is switched off even with the power cord is plugged in.
Dimensions	397 (W) × 398 (D) × 246 (H) mm
Weight	Approximately 12.4 kg (including toner cartridges)
Usage Environment	During Use: Temperature: 10 – 32°C; Humidity: 10 – 85% (except malfunctions due to dew condensation) Non-Use: Temperature: -20 – 40°C; Humidity: 5 – 85% (except malfunctions due to dew condensation) IMPORTANT: <ul style="list-style-type: none"> • Until the conditions (temperature and humidity) inside the printer become acclimated to the installation environment, certain conditions of paper can cause poor printing quality.

Basic Operation

- "Main Components" on page 16
- "Turning On/Off the Printer" on page 19
- "Printing a Panel Settings Page" on page 20
- "Power Saver Mode" on page 21

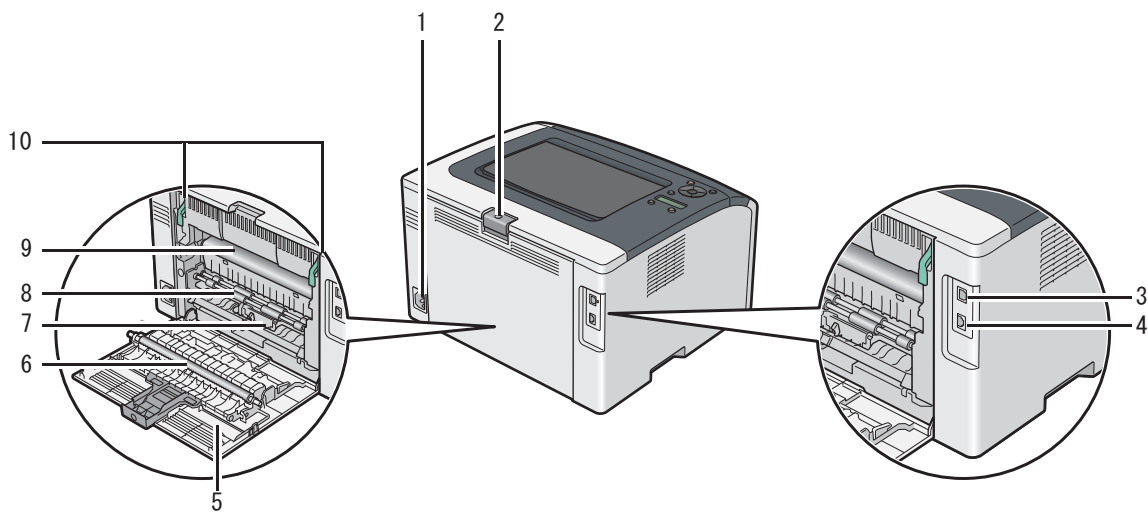
Main Components

■ Front View



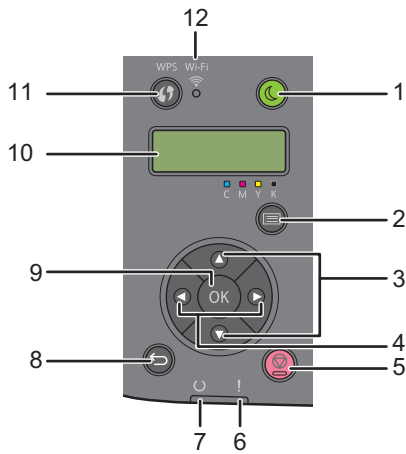
1	Operator Panel	2	Center Output Tray
3	Output Tray Extension	4	Print Head Cleaning Rod
5	Toner Access Cover	6	Power Switch
7	Standard 150 Sheet Tray		












■ Rear View



1	Power Connector	2	Rear Cover Handle
3	USB Port	4	Ethernet Port
5	Rear Cover	6	Transfer Roller
7	Paper Chute	8	Paper Feed Roller
9	Transfer Belt	10	Levers

■ Operator Panel







1	 (Power Saver) button	Lights up in the sleep mode for the power saver mode. Press this button to exit the power saver mode.
2	 (Menu) button	Switches to the Menu mode from the print mode.
3	 buttons	Scrolls through menus or items in the Menu mode. To enter numbers or passwords, press these buttons.
4	 buttons	Selects submenus or setting values in the Menu mode.
5	 (Stop) button	Cancels the current print job or clears the value you entered.
6	 (Error) indicator	Lights up when an error occurs and blinks when an unrecoverable error occurs.
7	 (Ready) indicator	Lights up when the printer is ready or the printer is in the low power mode for the power saver mode, and blinks when data is being received.
8	 (Back) button	Switches to the print mode from the top menu of the Menu mode. Returns to the upper hierarchy of the menu from the submenu of the Menu mode.
9	 button	Displays the selected menu or item and determines the selected value in the Menu mode.
10	LCD panel	Displays various settings, instructions, and error messages.
11	 (WPS) button	Starts Wi-Fi Protected Setup™ (Push Button Configuration).
12	 (Wi-Fi) LED	Lights up when wireless connection is established, and blinks in certain conditions.

Status of Wi-Fi LED

This section describes when the  (Wi-Fi) LED lights up or blinks.

See also:

- "Wireless Problems" on page 153

 (Wi-Fi) LED	Wi-Fi settings*	Printer Status
● Off	N/A	Connected to the network via Ethernet cable; Regardless of the Wi-Fi setting, wireless connection is not available when an Ethernet cable is connected to the printer
	Off	—
	On	The printer enters the power saver mode Failed to connect with Wireless LAN access point or router
● On	On	Wireless link established
 Blinking normal	On	Searching/Connecting with wireless LAN access point or router
 Blinking slowly	On	Searching/Connecting with WPS access point or router during wireless operation Connecting with a mobile device using Wi-Fi Direct®
 Blinking fast	On	Received an invitation from a mobile device to connect using Wi-Fi Direct

* You can enable/disable the Wi-Fi settings. For more information, see "Wi-Fi" on page 109.

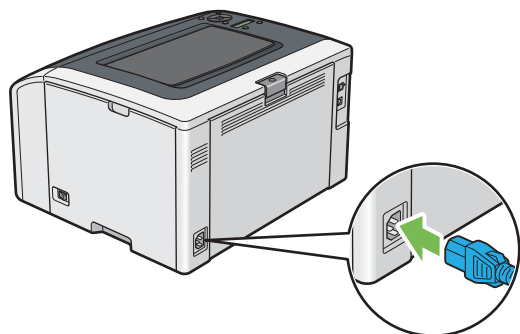
Turning On/Off the Printer

■ Turning On Your Printer

IMPORTANT:

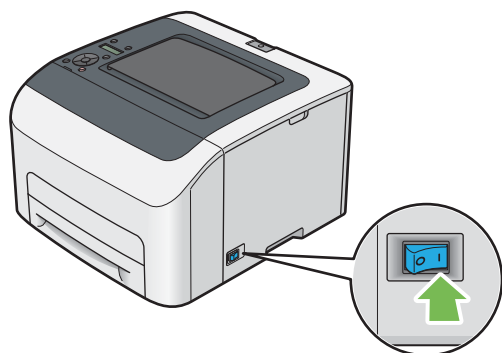
- Do not use extension cords or power strips.
- The printer should not be connected to an uninterruptible power supply (UPS) system.

- 1 Connect the power cord to the power connector on the rear of your printer (see "Rear View" on page 16).



- 2 Connect the other end of the cord to the power source.

- 3 Turn on the printer.

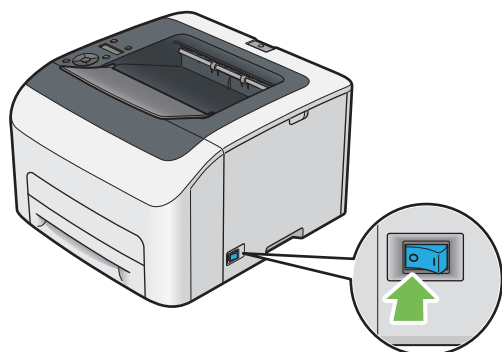


■ Turning Off Your Printer

- 1 Turn off the printer.




NOTE:

- The data in the memory is cleared when the printer is turned off.



Printing a Panel Settings Page

■ Using the Operator Panel

- 1 Press the  (**Menu**) button.
- 2 Select **Report / List**, and then press the  button.
- 3 Select **Panel Settings**, and then press the  button.
The Panel Settings page is printed.

■ Using the Printer Setting Utility (Windows Only)

The following procedure uses Microsoft® Windows® 7 as an example.

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.


NOTE:

- The window to select a printer appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.


- 2 Click the **Printer Settings Report** tab.
- 3 Select **Reports** from the list at the left side of the page.
The **Reports** page is displayed.
- 4 Click **Panel Settings**.
The Panel Settings page is printed.

Power Saver Mode



The printer has a power saving feature which reduces power consumption during periods of inactivity. This feature operates in two modes: low power mode and sleep mode. As delivered, the printer switches to the low power mode five minutes after the last job is finished. The printer then switches to the sleep mode after another six minutes of inactivity. When the printer is in the low power mode, the display shows *Ready to Print* and the LCD backlight turns off. In the sleep mode, all lamps on the operator panel except for the  (**Power Saver**) button go out. The display goes blank and nothing more appears.

The factory default settings of five minutes (Low Power Timer) and six minutes (Sleep Timer) are changeable within the range of 5 to 30 minutes (Low Power Timer) and 1 to 6 minutes (Sleep Timer). The printer returns to the ready-to-print state in about 28 seconds when re-activated.

■ Exiting the Power Saver Mode

The printer automatically exits the power saver mode when it receives a job from a computer. To manually exit the low power mode, press any button on the operator panel. To exit the sleep mode, press the  (**Power Saver**) button.

NOTE:

- When the printer is in the sleep mode, all buttons on the operator panel except for the  (**Power Saver**) button do not function. To use the buttons on the operator panel, press the  (**Power Saver**) button to exit the power saver mode.

See also:

- "Setting the Time for the Power Saver Mode" on page 123

Printer Management Software

Use the *Software Pack CD-ROM* that shipped with your printer to install a combination of software programs, depending on your operating system.

- "Print Driver" on page 23
- "CentreWare Internet Services" on page 24
- "Printer Setting Utility (Windows Only)" on page 25
- "SimpleMonitor (Windows Only)" on page 26
- "Launcher (Windows Only)" on page 27
- "Setup Disk Creation Tool (Windows Only)" on page 28

Print Driver

To access all of your printer's features, install the print driver from the *Software Pack CD-ROM*.

The print driver enables your computer and printer to communicate and provides access to your printer features.

See also:

- "Configuring Printer and Installing Software on Windows" on page 42
- "Configuring Printer and Installing Software on Mac OS X" on page 65

CentreWare Internet Services

The CentreWare Internet Services is a hypertext transfer protocol (HTTP)-based web page service that is accessed through your web browser.

Using the CentreWare Internet Services you can confirm the printer status, and change the printer configuration options easily. Anyone on your network can access the printer using the CentreWare Internet Services. In administrative mode you can change the configuration of the printer, and manage your printer settings without leaving your computer.

NOTE:

- Users who are not given passwords by the administrator can still view the configuration settings in user mode. However, they cannot save or apply any changes to the current configuration and settings.

■ Creating an Administrative Password

- 1 Launch your web browser.
- 2 Enter the IP address of the printer in the address bar, and then press the **Enter** key.
- 3 Click the **Properties** tab.
- 4 In the left navigation panel, scroll down to **Security** and select **Administrator Settings**.
- 5 Select **Enabled** for **Administrator Mode**.
- 6 In the **Administrator Login ID** field, enter a name for the administrator.

NOTE:

- The default ID and password are "11111" and "x-admin" respectively.

- 7 In the **Administrator Password** and **Re-enter Password** fields, enter a password for the administrator.
- 8 In the **Maximum Login Attempts** field, enter the number of login attempts allowed.
Setting to 0 does not limit the number of login attempts.
- 9 Click **Apply**.
Your new password has been set and anyone with the administrator name and password can log in and change the printer configuration and settings.

Printer Setting Utility (Windows Only)

The Printer Setting Utility is installed with the print driver.

The Printer Setting Utility allows you to view or specify the system settings. You can also diagnose the system settings by using the Printer Setting Utility.

The Printer Setting Utility consists of the **Printer Settings Report**, **Printer Maintenance**, and **Diagnosis** tabs.

NOTE:

- The **Password** dialog box appears the first time you try to change settings on the Printer Setting Utility when `Panel Lock` is set on the printer. In this case, enter the password you specified, and click **OK** to apply the settings.

SimpleMonitor (Windows Only)

The SimpleMonitor is installed with the print driver.

You can check the printer status with the SimpleMonitor. Double-click the SimpleMonitor printer icon on the taskbar at the bottom right of the screen. The window to select a printer appears, which displays the printer name, printer connection ports, and printer status. Click one of the printer name listed on the window to select a printer. The **Printer Status** window appears. Check the column **Status** to know the current status of your printer.

The **Printer Status** window alerts you when there is a warning or when an error occurs, for example, when a paper jam occurs or toner is running low.

By default, the **Printer Status** window launches automatically when printing error occurs. You can specify the conditions for starting the **Printer Status** window in **Printer Status Window Properties**.

To change the pop-up settings for the **Printer Status** window:

The following procedure uses Microsoft® Windows® 7 as an example.

- 1 Right-click the SimpleMonitor printer icon on the taskbar at the bottom right of the screen.
- 2 Select **Printer Status Window Properties**.
The **Printer Status Window Properties** window appears.
- 3 Select the type of the pop-up and then click **OK**.

You can also check the toner level of your printer and the job information on the **Printer Status** window.

NOTE:

- To modify the SimpleMonitor settings, select **Settings** in the window to select a printer.

Launcher (Windows Only)

The Launcher is installed with your print driver.

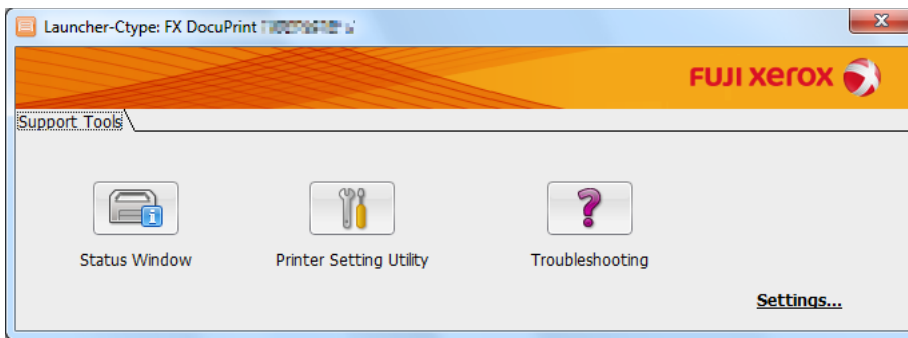
Using the **Launcher-Ctype** window, you can open the **Printer Status** window, Printer Setting Utility, and Troubleshooting Guide.

The following procedure uses Windows 7 as an example.

To open the **Launcher-Ctype** window:

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Launcher**.

The **Launcher-Ctype** window appears.



- 2 The **Launcher-Ctype** window provides the following buttons; **Status Window**, **Printer Setting Utility**, and **Troubleshooting**.

To exit, click **X** (Close) at the top-right corner of the window.

For details, see the help for each application.

Status Window	Opens the Printer Status window. See also: <ul style="list-style-type: none">• "SimpleMonitor (Windows Only)" on page 26
Printer Setting Utility	Opens the Printer Setting Utility. See also: <ul style="list-style-type: none">• "Printer Setting Utility (Windows Only)" on page 25
Troubleshooting	Opens the Troubleshooting Guide, which allows you to resolve issues by yourself.

Setup Disk Creation Tool (Windows Only)

The Setup Disk Creation Tool program located in the **MakeDisk** folder of the **Utilities** folder on the *Software Pack CD-ROM* and the print driver located on the *Software Pack CD-ROM* are used to create driver installation packages that contain custom driver settings. A driver installation package can contain a group of saved print driver settings and other data such as:

- Print orientation and multiple-up (document settings)
- Output color (graphic settings)

If you want to install the print driver with the same settings on multiple computers running on the same operating system, create a setup disk in a media or in a server on the network. Using the setup disk that you have created will reduce the amount of work required when installing the print driver.

- Install the print driver for your printer on the computer on which the setup disk is to be created.
- The setup disk can only be used on the operating system on which the disk was created or computers running the same operating system. Create a separate setup disk for each of the operating systems.

4

Printer Connection and Software Installation

- "Overview of Printer Connection and Software Installation" on page 30
- "Connecting Your Printer" on page 32
- "Setting the IP Address (for IPv4 Mode)" on page 38
- "Configuring Printer and Installing Software on Windows" on page 42
- "Configuring Printer and Installing Software on Mac OS X" on page 65
- "Configuring Printer and Installing the Print Driver on Linux (CUPS)" on page 70

Overview of Printer Connection and Software Installation

Read this section to know the overall steps to complete the printer connection and software installation.

Select one of the following connection methods.

- USB connection
- Ethernet connection
- Wireless connection

NOTE:

- If the *Software Pack CD-ROM* is not available, you can download the latest driver from our web site:
<http://www.fujixeroxprinters.com/>
- To use this printer in a Linux® environment, you need to install a Linux driver. For more information on how to install and use these, see also "Configuring Printer and Installing the Print Driver on Linux (CUPS)" on page 70.

■ USB Connection

• For Microsoft® Windows®

- 1 Connect the printer and the computer with the USB cable.
Refer to "USB Connection" on page 33.
- 2 Install the driver software on the computer from the *Software Pack CD-ROM*.
Refer to "Using Installer to Set Up Connection and Install Software" on page 43.

• For Mac OS X

- 1 Connect the printer and the computer with the USB cable.
Refer to "USB Connection" on page 33.
- 2 Install the driver software on the computer from the *Software Pack CD-ROM*.
Refer to "Configuring Printer and Installing Software on Mac OS X" on page 65.

■ Ethernet Connection

• For Windows

- 1 Connect the printer to a wired network.
Refer to "Ethernet Connection" on page 33.
- 2 Set the printer's IP address.
 - If DHCP is available on your network, refer to "Dynamic Methods of Setting the Printer's IP Address" on page 38.
 - You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 39.
- 3 Install the driver software on the computer from the *Software Pack CD-ROM*.
Refer to "Configuring Printer and Installing Software on Windows" on page 42.

• For Mac OS X

- 1 Connect the printer to a wired network.
Refer to "Ethernet Connection" on page 33.
- 2 Set the printer's IP address.
 - If DHCP is available on your network, refer to "Dynamic Methods of Setting the Printer's IP Address" on page 38.
 - You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 39.
- 3 Install the driver software on the computer from the *Software Pack CD-ROM*.
Refer to "Configuring Printer and Installing Software on Mac OS X" on page 65.

■ Wireless Connection

• For Windows

- 1 Connect the printer to a wireless network.
Refer to "Wireless Connection" on page 34.

Perform the following steps as necessary.

If you set up wireless connection using the installer on the *Software Pack CD-ROM*, the following steps are not necessary.
- 2 Set the printer's IP address.
 - If DHCP is available on your network, refer to "Dynamic Methods of Setting the Printer's IP Address" on page 38.
 - You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 39.
- 3 Install the driver software on the computer from the *Software Pack CD-ROM*.
Refer to "Configuring Printer and Installing Software on Windows" on page 42.

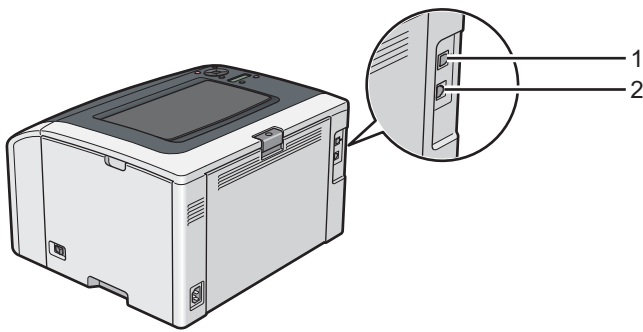
• For Mac OS X

- 1 Connect the printer to a wireless network.
Refer to "Wireless Connection" on page 34.
- 2 Set the printer's IP address.
 - If DHCP is available on your network, refer to "Dynamic Methods of Setting the Printer's IP Address" on page 38.
 - You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 39.
- 3 Install the driver software on the computer from the *Software Pack CD-ROM*.
Refer to "Configuring Printer and Installing Software on Mac OS X" on page 65.

Connecting Your Printer

To connect your printer to a computer or device, the following specification must be met for each of the connection type:

Connection Type	Connection Specifications
Ethernet	10 Base-T/100 Base-TX compatible
USB	USB2.0 compatible
Wireless	IEEE 802.11b/802.11g/802.11n



1 USB Port



2 Ethernet Port



■ Available Features for Each Connection Type

Connect the printer via USB, Ethernet, or Wireless. A USB connection is a direct connection and is not used for networking. Ethernet and wireless connections are used for networking. Hardware and cabling requirements vary for the different connection methods. Ethernet cable and wireless LAN access point (Registrar) or router are not included with your printer and must be purchased separately.

The available features for each connection type are shown in the following table.

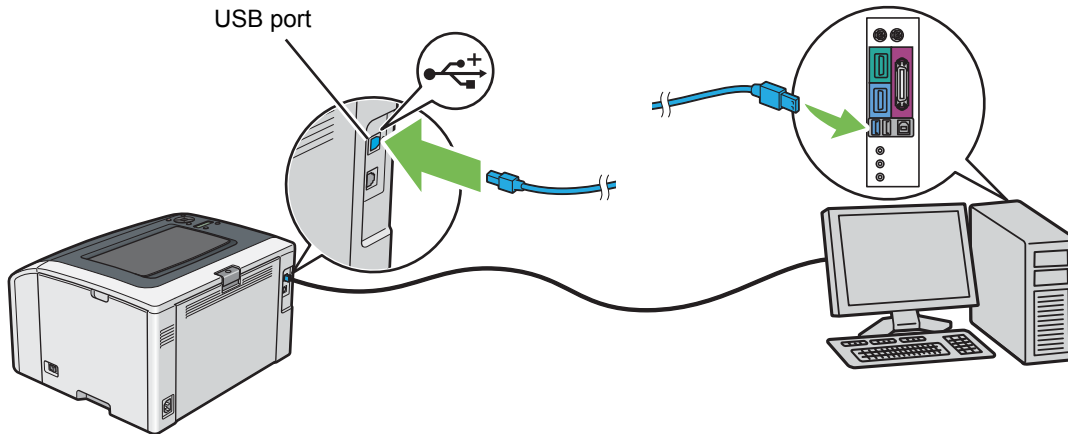
Connection Type	Available Feature
USB	<ul style="list-style-type: none"> • Instruct print jobs from a computer. • Use the Printer Setting Utility to view, specify, or diagnose the system settings. (Windows only) • Use the SimpleMonitor to check the printer status. (Windows only)
Ethernet	<ul style="list-style-type: none"> • Instruct print jobs from a computer on the network. • Use the CentreWare Internet Services to view the printer status or specify the printer settings. • Use the Printer Setting Utility to view, specify or diagnose the system settings. (Windows only) • Use the SimpleMonitor to check the printer status. (Windows only)
Wireless	<ul style="list-style-type: none"> • Instruct print jobs from a computer on the network. • Use the CentreWare Internet Services to view the printer status or specify the printer settings. • Use the Printer Setting Utility to view, specify or diagnose the system settings. (Windows only) • Use the SimpleMonitor to check the printer status. (Windows only)

■ Connecting Printer to Your Computer

USB Connection

To connect the printer to a computer via USB:

- 1 Make sure that the printer is turned off and unplugged from the power source.
- 2 Connect the smaller USB connector into the USB port at the rear of the printer and the other end to a USB port of the computer.



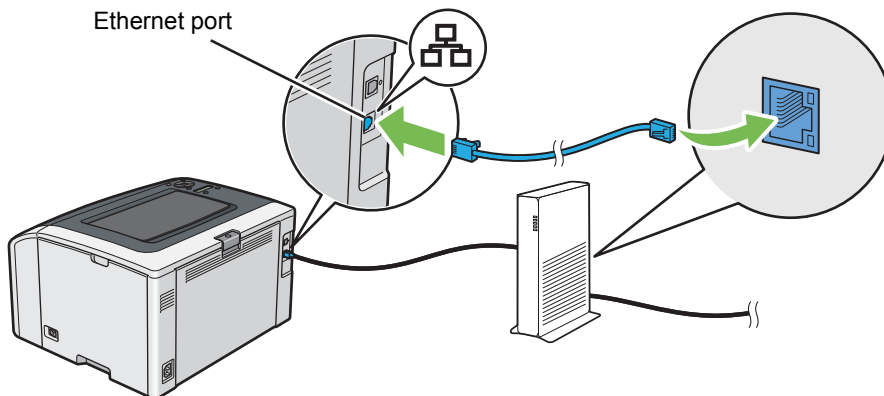
NOTE:

- Do not connect the printer USB cable to the USB slot available on the keyboard.

Ethernet Connection

To connect the printer to a computer via Ethernet:

- 1 Make sure that the printer is turned off and all cables have been disconnected.
- 2 Connect one end of the Ethernet cable into the Ethernet port at the rear of the printer and the other end to an Ethernet port of a router or hub.




NOTE:

- Connect the Ethernet cable, only if you need to setup a wired connection. Connecting the Ethernet cable stops some features or functions for Wireless network.

Wireless Connection

This section describes how to connect the printer to a computer via wireless network.

Confirm that the Ethernet cable has been disconnected from the printer and the  (Wi-Fi) LED is blinking before configuring the wireless connection.

IMPORTANT:

- The Wireless LAN feature is not available in all locations. Please check with your local Fuji Xerox representative for availability of wireless in your location.
- If you are using a method other than Wi-Fi Protected Setup™ (WPS) to configure your wireless network settings, be sure to get the SSID and security information from a system administrator before starting the setup procedure.
- Be sure to configure necessary settings on the wireless LAN access point (Registrar) or router before starting the printer setup. For information on the access point or router settings, refer to the manual supplied with the product.

The specifications of wireless setting function are described below:

Item	Specification
Connectivity	Wireless
Connectivity Standard	IEEE 802.11b/802.11g/802.11n compliant
Bandwidth	2.4 GHz
Data Transfer Rate	IEEE 802.11b mode: 11, 5.5, 2, 1 Mbps IEEE 802.11g mode: 54, 48, 36, 24, 18, 12, 9, 6 Mbps IEEE 802.11n mode: 65 Mbps
Security	64 (40-bit key)/128 (104-bit key) WEP, WPA™-PSK (TKIP, AES) ^{*1} , WPA2™-PSK (AES) ^{*1} (IEEE 802.1x attestation function of WPA 1x non-corresponds), Mixed Mode PSK
Certifications	Wi-Fi [®] , Wi-Fi Direct [®] , WPA2.0 (Personal)
Wi-Fi Protected Setup (WPS) ^{*2}	Push Button Configuration (PBC), Personal Identification Number (PIN)

^{*1} WPA stands for Wi-Fi Protected Access[®].

^{*2} WPS 2.0 compliant. WPS 2.0 works on access points with the following encryption types: Mixed Mode PSK, WPA-PSK-AES, WPA2-PSK-AES, Open (No Security)

You can select a method to configure a wireless setting from the following:

Using the installer on the *Software Pack CD-ROM* (Windows Only) (Recommended for initial setup)

Refer to "Launching the FX Printer Installation Screen" on page 43.

WPS-PBC ( (WPS) button)^{*1}

Refer to "WPS-PBC (WPS Button)" on page 35.

WPS-PBC (Operator Panel Menu)^{*1}

Refer to "WPS-PBC (Operator Panel Menu)" on page 35.

WPS-PIN^{*2}


Refer to "WPS-PIN" on page 36.

Auto SSID Setup

Refer to "Auto SSID Setup" on page 36.


Manual SSID Setup

Refer to "Manual SSID Setup" on page 37.



^{*1} WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration) is a method to authenticate and register devices required for wireless configuration, by starting WPS-PBC on the printer with the  (WPS) button or operator panel menu, and then pressing the button provided on the wireless LAN access point (Registrar) or router. This setting is available only when the access point supports WPS-PBC.


^{*2} WPS-PIN (Wi-Fi Protected Setup-Personal Identification Number) is a method to authenticate and register devices required for wireless configuration, by entering PIN assignments in the printer and computer. This setting, performed through access point, is available only when the access point of your wireless router supports WPS.


• WPS-PBC (WPS Button)

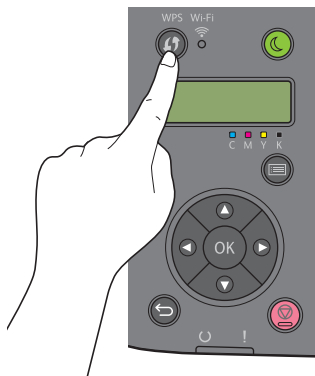
You can start WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration) by pressing the  (WPS) button.

NOTE:


- WPS-PBC is available only when the wireless LAN access point (Registrar) or router supports WPS-PBC.
- Before starting WPS-PBC with the  (WPS) button, confirm the position of the WPS button (button name may vary) on the wireless LAN access point (Registrar) or router. For information about the WPS operation on the wireless LAN access point (Registrar) or router, refer to the manual supplied with the product.
- The  (Wi-Fi) LED lights up or blinks to indicate the printer's wireless connection status. For more information, see "Status of Wi-Fi LED" on page 18.
If a problem occurs or error messages are displayed on the LCD panel, see "Wireless Problems" on page 153.

- 1 Press and hold the  (WPS) button on the printer for three seconds.

Confirm that the  (Wi-Fi) LED starts to blink slowly and `WiFi-WPS linking Timeout:[XXX]` appears on the LCD panel.




- 2 Start the WPS operation on the wireless LAN access point (Registrar) or router within two minutes.

When WPS is successful, the  (Wi-Fi) LED lights up. The wireless connection is established and setup for wireless LAN is complete.


• WPS-PBC (Operator Panel Menu)


You can start WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration) from the operator panel.


NOTE:

- WPS-PBC is available only when the wireless LAN access point (Registrar) or router supports WPS-PBC.
- Before starting WPS-PBC, confirm the position of the WPS button (button name may vary) on the wireless LAN access point (Registrar) or router. For information about the WPS operation on the wireless LAN access point (Registrar) or router, refer to the manual supplied with the product.
- The  (Wi-Fi) LED lights up or blinks to indicate the printer's wireless connection status. For more information, see "Status of Wi-Fi LED" on page 18.
If a problem occurs or error messages are displayed on the LCD panel, see "Wireless Problems" on page 153.


- 1 Press the  (Menu) button.

- 2 Select Admin Menu, and then press the  button.


- 3 Select Network, and then press the  button.

- 4 Select WPS Setup, and then press the  button.

- 5 Select PBC, and then press the  button.

- 6 Select Start, and then press the  button.


- 7 Confirm that `WiFi-WPS linking Timeout:[XXX]` appears, start the WPS-PBC on the wireless LAN access point (Registrar) or router within two minutes.









When WPS is successful, the  (Wi-Fi) LED lights up. The wireless connection is established and setup for wireless LAN is complete.

• WPS-PIN

The PIN code of WPS-PIN can only be configured from the operator panel.


NOTE:

- WPS-PIN is available only when the wireless LAN access point (Registrar) or router supports WPS-PIN.
- For the WPS operation on the wireless LAN access point (Registrar) or router, refer to the manual supplied with the product.
- The  (Wi-Fi) LED lights up or blinks to indicate the printer's wireless connection status. For more information, see "Status of Wi-Fi LED" on page 18.
If a problem occurs or error messages are displayed on the LCD panel, see "Wireless Problems" on page 153.






- 1 Press the  (Menu) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Network`, and then press the  button.
- 4 Select `WPS Setup`, and then press the  button.
- 5 Select `PIN Code`, and then press the  button.
- 6 Write down the displayed 8-digit PIN code, or select `Print PIN Code` and press the  button to print the PIN code.
- 7 Select `Start Configuration`, and then press the  button.
- 8 Select the wireless LAN access point from the list, and then press the  button.
- 9 Confirm that `WiFi-WPS linking Timeout: [XXX]` appears, and enter the PIN code displayed on step 6 into the wireless LAN access point within two minutes.

NOTE:

- For details about the WPS operation on the wireless LAN access point, refer to the manual supplied with the wireless LAN access point.

When WPS is successful, the  (Wi-Fi) LED lights up. The wireless connection is established and setup for wireless LAN is complete.

• Auto SSID Setup

- 1 Press the  (Menu) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Network`, and then press the  button.
- 4 Select `Wi-Fi Setup`, and then press the  button.
The printer automatically searches the access points on wireless network.
- 5 Select the desired access point, and then press the  button.
If the desired access point does not appear, see "Manual SSID Setup" on page 37.

NOTE:

- Some hidden SSID may not be displayed. If the SSID is not detected, turn on SSID broadcast from the access point.

6 Enter the passphrase or WEP key.

When the encryption type of the selected access point is WPA2 or Mixed in step 5:


- Enter the passphrase, and then press the **OK** button.

When the encryption type of the selected access point is WEP in step 5:

- Enter the WEP key, and then press the **OK** button.

NOTE:

- A passphrase is an encryption key for WPA and WPA2 encryption which consists of 8 to 63 alphanumeric (and 8 to 64 hexadecimal) characters. It may be described as a key on some access points or routers. For details, refer to the manual supplied with the access point or router.

When the Auto SSID Setup is successful, the  (**Wi-Fi**) LED lights up. The wireless connection is established and setup for wireless LAN is complete.

• **Manual SSID Setup**

1 Press the  (**Menu**) button.

2 Select `Admin Menu`, and then press the **OK** button.

3 Select `Network`, and then press the **OK** button.

4 Select `Wi-Fi Setup`, and then press the **OK** button.

5 Select `Manual Setup`, and then press the **OK** button.

6 Enter the SSID, and then press the **OK** button.

7 Select the network mode from `Infrastructure` and `Ad-hoc` depending on your environment, and then press the **OK** button.

8 Select the encryption type from `Mixed Mode PSK`, `WPA2-PSK-AES`, or `WEP`.

IMPORTANT:

- Be sure to use one of the supported encryption types to protect your network traffic.

NOTE:

- If you have selected `Ad-hoc` for the network mode, `WEP` is the encryption type.

To use `Mixed Mode PSK` or `WPA2-PSK-AES` encryption:

a Select `Mixed Mode PSK` or `WPA2-PSK-AES`, and then press the **OK** button.

b Enter the passphrase, and then press the **OK** button.

NOTE:

- A passphrase is an encryption key for WPA and WPA2 encryption which consists of 8 to 63 alphanumeric (and 8 to 64 hexadecimal) characters. It may be described as a key on some access points or routers. For details, refer to the manual supplied with the access point or router.

To use WEP encryption:

a Select `WEP`, and then press the **OK** button.

b Enter the WEP key, and then press the **OK** button.

c Select the desired transmit key from `WEP Key 1` to `WEP Key 4`, and then press the **OK** button.

When the Manual SSID Setup is successful, the  (**Wi-Fi**) LED lights up. The wireless connection is established and setup for wireless LAN is complete.

Setting the IP Address (for IPv4 Mode)

NOTE:

- To set an IP address for IPv6 in Dual Stack mode, use the CentreWare Internet Services. For more information, refer to the online Help on the CentreWare Internet Services. To display the CentreWare Internet Services in an IPv6 network, use a link local address. The printer's link local address is listed in the System Settings page. For details, see "Printing a System Settings Page" on page 99.

■ Printer's TCP/IP and IP Addresses

If your computer is on a large network, contact your network administrator for the appropriate TCP/IP addresses and additional system settings information.

If you are creating your own small local area network or connecting the printer directly to your computer using network, follow the procedure for automatically setting the printer's IP address.

Computers and printers primarily use TCP/IP protocols to communicate over a network. With TCP/IP protocols, each printer and computer must have a unique IP address. It is important that the addresses are similar, but not the same; only the last digit needs to be different. For example, your printer can have the address 192.0.2.1 while your computer has the address 192.0.2.2. Another device can have the address 192.0.2.3.

Many networks have a Dynamic Host Configuration Protocol (DHCP) server. A DHCP server automatically programs an IP address into every computer and printer on the network that is configured to use DHCP. A DHCP server is built into most cable and Digital Subscriber Line (DSL) routers. If you use a cable or DSL router, see your router's documentation for information on IP addressing.

■ Dynamic Methods of Setting the Printer's IP Address








The DHCP and AutoIP protocols are available for dynamically setting the printer's IP address. They are enabled by default in your printer.

You can turn on/off both protocols using the operator panel or the CentreWare Internet Services.

NOTE:

- You can print a report that includes the printer's IP address. For more information, refer to "Printing a System Settings Page" on page 99.

Using the Operator Panel

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Network`, and then press the  button.
- 4 Select `TCP/IP`, and then press the  button.
- 5 Select `IPv4 Ethernet` or `IPv4 Wi-Fi`, and then press the  button.
- 6 Select `Get IP Address`, and then press the  button.
- 7 Select `DHCP/AutoIP`, and then press the  button.
- 8 Turn off and turn on the printer.

Using the CentreWare Internet Services

- 1 Launch your web browser.
- 2 Enter the IP address of the printer in the address bar, and then press the **Enter** key.
- 3 Select **Properties**.
- 4 Select **TCP/IP** from the **Protocol Settings** folder on the left navigation panel.
- 5 In the **IP Address Mode** field under **IPv4**, select the **DHCP/AutoIP** option.
- 6 Click **Apply**.
- 7 Click **Reboot Machine** to restart the printer.

■ Assigning an IP Address Manually















NOTE:

- Assigning an IP address is considered as an advanced function and is normally performed by a system administrator.
- Depending on the address class, the range of the IP address assigned may be different. On Class A, for example, an IP address in the range from 0.0.0.0 to 127.255.255.255 will be assigned. For assignment of IP addresses, contact your system administrator.

You can assign the IP address by using the operator panel, the Printer Setting Utility, or the CentreWare Internet Services.

For Windows, you can also assign the IP address to the printer using the installer on the *Software Pack CD-ROM*.

Using the Operator Panel

- 1 Press the  (**Menu**) button.
- 2 Select **Admin Menu**, and then press the  button.
- 3 Select **Network**, and then press the  button.
- 4 Select **TCP/IP**, and then press the  button.
- 5 Select **IPv4 Ethernet** or **IPv4 Wi-Fi**, and then press the  button.
- 6 Select **Get IP Address**, and then press the  button.
- 7 Select **Panel**, and then press the  button.
- 8 Press the  (**Back**) button.
- 9 Confirm that **Get IP Address** appears.
- 10 Select **IP Address**, and then press the  button.
The first three digits of the IP address are selected.
- 11 Enter the value using the  or  button.
- 12 Press the  button.
The next three digits are selected.
- 13 Repeat steps 11 to 12 to set all digits in the IP address, and then press the  button.
- 14 Press the  (**Back**) button.
- 15 Confirm that **IP Address** appears.

- 16** Select `Subnet Mask`, and then press the **OK** button.
The first three digits of the subnet mask are selected.
- 17** Enter the value using the **▲** or **▼** button.
- 18** Press the **▶** button.
The next three digits are selected.
- 19** Repeat steps **17** to **18** to set subnet mask, and then press the **OK** button.
- 20** Press the **↶** (**Back**) button.
- 21** Confirm that `Subnet Mask` appears.
- 22** Select `Gateway Address`, and then press the **OK** button.
The first three digits of the gateway address are selected.
- 23** Enter the value of the gateway address using the **▲** or **▼** button.
- 24** Press the **▶** button.
The next three digits are selected.
- 25** Repeat steps **23** to **24** to set gateway address, and then press the **OK** button.
- 26** Turn off and turn on the printer.

See also:

- "Operator Panel" on page 17

Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

- 1** Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

- The window to select a printer appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.

- 2** Click the **Printer Maintenance** tab.
- 3** Select **TCP/IP Settings** from the list at the left side of the page.
The **TCP/IP Settings** page is displayed.
- 4** Select **Panel** from **IP Address Mode**, and then enter the values in **IP Address**, **Subnet Mask**, and **Gateway Address**.
- 5** Click **Restart printer to apply new settings** to take effect.

Using the Installer on the Software Pack CD-ROM (Windows Only)

You can assign the IP address to the printer when setting up the printer with the installer on the *Software Pack CD-ROM*.

When you use the Ethernet or the manual Wireless setup method, and `Get IP Address` is set to `DHCP/AutoIP` on the operator panel menu, the installer detects the printer by the automatically assigned IP address. You can modify the assigned IP address to the desired IP address by clicking **Advanced** on the **Configure Printer** screen while in the setup process.

See also:

- "Dynamic Methods of Setting the Printer's IP Address" on page 38

The IP address is assigned to your printer. To verify the setting, display the web browser on any computer connected to the network and enter the IP address into the address bar on the browser. If the IP address is set up correctly, the CentreWare Internet Services is displayed in your browser.

■ Verifying the IP Settings

You can confirm the settings by printing the System Settings page or using the ping command.

Printing the System Settings Page

- 1 Print the System Settings page.

See also:

- "Printing a System Settings Page" on page 99

- 2 Look under the **IPv4** heading of **TCP/IP** on the **Wired Network** or **Wireless Network** section of the System Settings page to confirm that the IP address, subnet mask, and gateway address are appropriate.

If the IP address is **0.0.0.0** (the factory default) or **169.254.xx.xx**, an IP address has not been assigned.

If the IP address is not resolved automatically, see "Assigning an IP Address Manually" on page 39.

Using the Ping Command

To verify if the printer is active on the network, run the ping command in your computer.

The following procedure uses Windows 7 as an example.

- 1 Click **Start** → **All Programs** → **Accessories** → **Run**.
- 2 Enter "cmd", and then click **OK**.
The **Command Prompt** window is displayed.
- 3 Enter "ping xxx.xxx.xxx.xxx" (xxx.xxx.xxx.xxx is the IP address of your printer), and then press the **Enter** key.
Receiving the reply from the printer IP address means that the printer is appropriately connected to the network.

Configuring Printer and Installing Software on Windows

■ Identifying Print Driver Pre-install Status (for Network Connection Setup)

Before installing the print driver on your computer, check the IP address of your printer and change the firewall settings.

Checking the IP Address for Your Printer

- 1 Print the System Settings page.

See also:

- "Printing a System Settings Page" on page 99

- 2 Confirm the IP address under **Wired Network** or **Wireless Network** on the System Settings page.

If the IP address is **0.0.0.0**, wait for a few minutes to resolve the IP address automatically, and then print the System Settings page again.

If the IP address is not resolved automatically, see "Assigning an IP Address Manually" on page 39.

Changing the Firewall Settings Before Installing Your Printer

You may need to change the firewall settings before installing the printer software. Contact your network administrator for more information.

The following procedure uses Windows 7 as an example.

- 1 Insert the *Software Pack CD-ROM* into your computer.
- 2 Click **Start** → **Control Panel**.
- 3 Click **System and Security**.
- 4 Click **Allow a program through Windows Firewall**.
- 5 Click **Change settings**.
- 6 Click **Allow another program**.
- 7 Click **Browse**.
- 8 Enter "D:\setup.exe" (in case your optical disk drive is D) in the **File name** text box, and then click **Open**.
- 9 Click **Add**.
- 10 Click **OK**.

■ Using Installer to Set Up Connection and Install Software

NOTE:

- The following procedure sets up printer connection and then install the print driver and software. If you have already established printer connection, see "Using Installer to Install Software" on page 46 to install the print driver and software immediately.

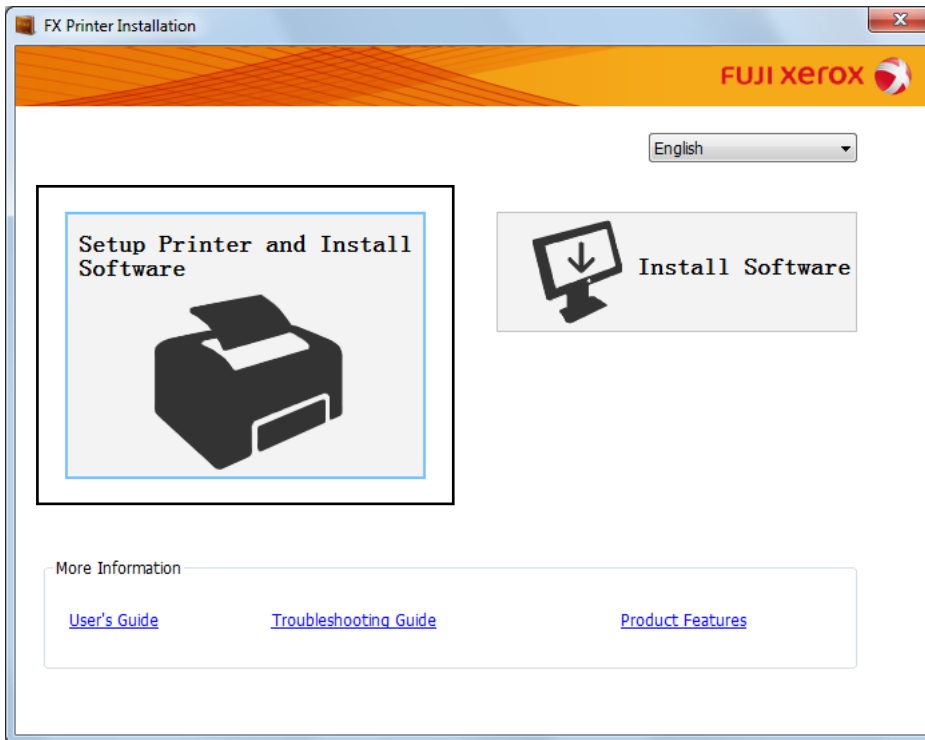
Launching the FX Printer Installation Screen

- 1 Insert the *Software Pack CD-ROM* into your computer to start the **FX Printer Installation** screen.

NOTE:

- For Windows 8, Windows 8.1, Windows Server® 2012, and Windows Server 2012 R2, click the message displayed on the upper right corner of the screen, and then select **Run setup.exe**.
- If the CD does not automatically launch, perform the following steps.
 - a For Windows Server 2003, Windows Server 2008, and Windows Server 2008 R2, click **Start** → **Run**.
For Windows Vista® and Windows 7, click **Start** → **All Programs** → **Accessories** → **Run**.
For Windows 8 and Windows Server 2012, right-click on the **Start** screen and click **All apps** → **Run**.
For Windows 8.1 and Windows Server 2012 R2, click Ⓣ on the **Start** screen → **Run**.
 - b Enter "D:\setup.exe" (in case your optical disk drive is D), and then click **OK**.

- 2 Click **Setup Printer and Install Software**.



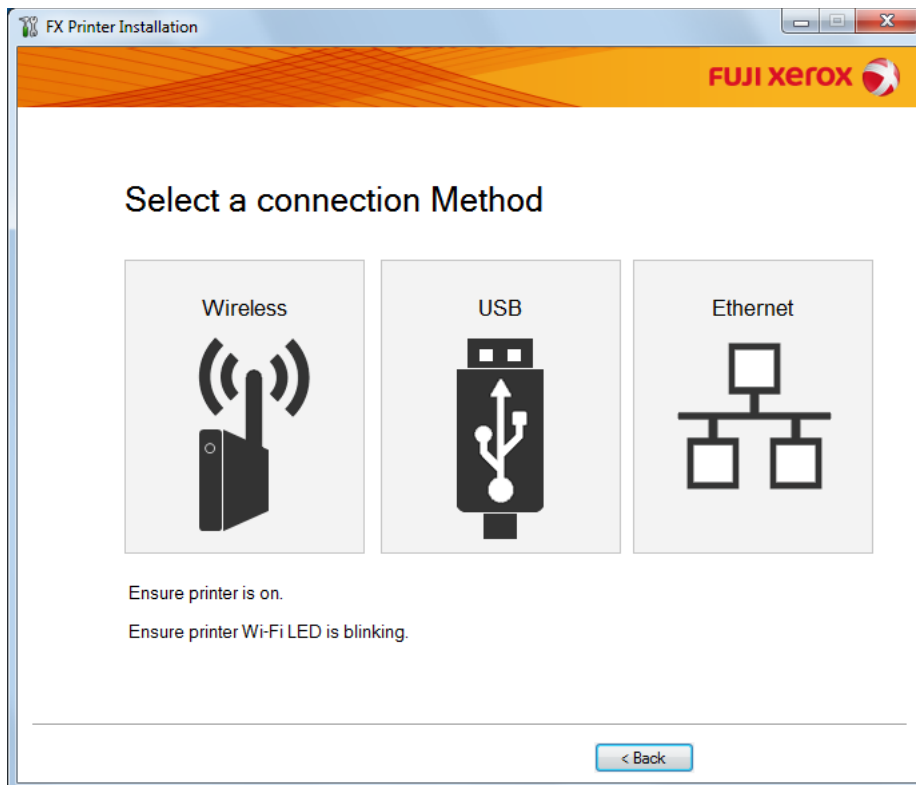
- 3 If you agree to the terms of the **License Agreement**, choose **I accept the terms of the license agreement**, and then click **Next**.

4 Select a connection method to the printer.

For the wireless connection, see "Configuring Wireless Connection Settings" on page 44.

For the USB connection, see "Configuring USB Connection Settings" on page 45.


For the Ethernet connection, see "Configuring Ethernet Connection Settings" on page 45.



Configuring Wireless Connection Settings

The installer software connects the printer and installs the required drivers and software.

The connection procedure varies depending on how your network and computer are set up.

- 1** Confirm that the printer is turned on and the  (Wi-Fi) LED is blinking.
- 2** Click **Wireless** on the **Select a connection Method** screen.
- 3** Follow the instructions displayed on the screen.
 - If the software detects your network and printer, the **SSID** and **Printer Name** will be displayed. Confirm the **SSID** and **Printer Name** and then click **Next**.
 - If the **Press "WPS" button on Printer and WPS button on Router** screen is displayed, follow the steps displayed on the screen.
 - In case the WPS button is not available on your router or you want to set up manually, click **Manual settings** and follow the instructions displayed on the screen.
- 4** Click **Finish** to exit the wizard when the **Ready to Print!** screen appears. If necessary, click **Print Test Page** to verify installation.

Configuring USB Connection Settings

- 1 Confirm that the USB cable is connected to the computer and the printer, and the printer is turned on.

NOTE:

- For Windows Vista, Windows Server 2003, or Windows Server 2008, if **Found New Hardware Wizard** appears, click **Cancel**.

- 2 Click **USB** on the **Select a connection Method** screen.

The Plug and Play installation starts and the required driver and software are automatically installed.


- 3 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears. If necessary, click **Print Test Page** to verify installation.

Configuring Ethernet Connection Settings

- 1 Click **Ethernet** on the **Select a connection Method** screen.

- 2 Connect the Ethernet cable to the printer and turn on the printer, and then click **Next**.

- 3 Select a printer you want to install from the **Printer** list, and then click **Next**.

If the target printer is not displayed on the **Printer** list, click  to refresh the list or click **Enter IP Address** to add a printer manually.

In **Enter IP Address**, enter the assigned IP address to the printer manually, and then click **OK**.

NOTE:

- If the target printer is not displayed on the list, ensure Ethernet cable is correctly inserted to the printer and the router, and also confirm the printer IP address is properly appointed.

- 4 Confirm **IP Mode** and **Type**, and then click **Next**.

If you want to change the printer's IP address settings, click **Advanced** and configure the items on the **IP Address Settings** screen. Especially if you want to set up the printer with fixed IP, select **Use Manual Address** from **Type**.

- 5 Check and configure the printer information such as a printer name, default printer setting, printer sharing setting, and then click **Next**.

- 6 Select the check box of the software and documentation you want to install, and then click **Install**.

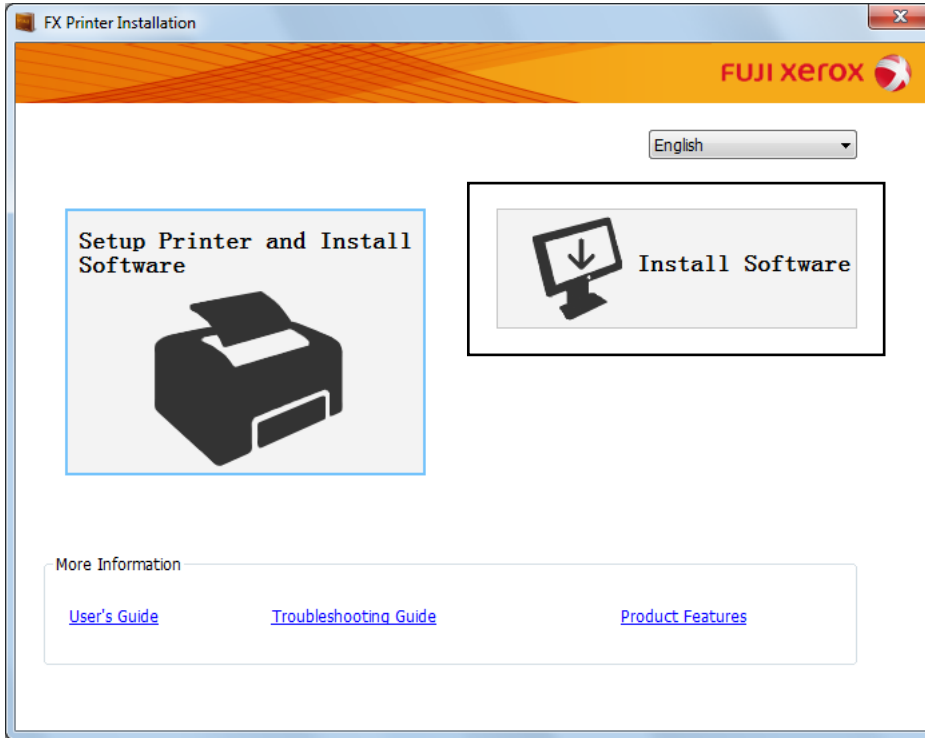
- 7 Click **Finish** to exit the wizard when the **Ready to Print!** screen appears. If necessary, click **Print Test Page** to verify installation.

■ Using Installer to Install Software

If the printer connection via USB/Ethernet/Wireless is already configured and you want to perform the print driver and software installation only, follow the procedure below.

If you have executed the steps in "Using Installer to Set Up Connection and Install Software" on page 43, the following procedure is not necessary.

1 Click **Install Software**.



- 2 If you agree to the terms of the **License Agreement**, choose **I accept the terms of the license agreement**, and then click **Next**.
- 3 Choose an installation type, and then click **Next**.
For the printer connected to your computer using the USB cable, select **Personal Installation**.
For the printer connected to a wired or wireless network, select **Network Installation**.
- 4 Follow the instructions displayed on the screen to complete the installation.

■ Installing the XML Paper Specification (XPS) Print Driver

This section describes how to install the XML Paper Specification (XPS) print driver using the Windows **Add Printer** wizard.

NOTE:

- The XML Paper Specification (XPS) driver is supported on Windows Vista and later operating systems.
- To print with the XML Paper Specification (XPS) driver, the following components are required on your computer.
For Windows Vista, Windows Vista 64-bit Edition, Windows Server 2008, Windows Server 2008 64-bit Edition, Windows Server 2008 R2, Windows 7, and Windows 7 64-bit Edition:
 - .Net Framework 4 or 4.5
 - Visual C++[®] Redistributable Packages for Visual Studio[®] 2012For Windows 8, Windows 8 64-bit Edition, Windows Server 2012, Windows 8.1, Windows 8.1 64-bit Edition, and Windows Server 2012 R2:
 - Visual C++ Redistributable Packages for Visual Studio 2012

Getting the Driver File

- 1 Insert the *Software Pack CD-ROM* into your computer.
- 2 Extract the zip file in the following path to your desired location.

D:\Drivers\XPS\Win_7Vista

D:\Drivers\XPS\Win_8

(in case your optical disk drive is D)

NOTE:

- XPS stands for XML Paper Specification.

Installing the Print Driver

• USB Connection Setup

Windows Vista or Windows Vista 64-bit Edition

- 1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.
 - 2 Click **Add a printer**.
 - 3 Click **Add a local printer**.
 - 4 Select the port connected to your printer, and then click **Next**.
 - 5 Click **Have Disk** to display the **Install From Disk** dialog box.
 - 6 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
 - 7 Click **Open**.
 - 8 Click **OK**.
 - 9 Select your printer name, and then click **Next**.
 - 10 To change the printer name, enter the printer name in the **Printer name** box.
To use this printer as the default printer, select the **Set as the default printer** check box displayed under the **Printer name**.
 - 11 Click **Next**.
Installation starts.
If the **User Account Control** dialog box appears, click **Continue**.
- NOTE:**
- If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.
- 12 Upon completion of the driver installation, click **Print a test page** to verify installation.
 - 13 Click **Finish**.

Windows Server 2008 or Windows Server 2008 64-bit Edition

NOTE:

- You must log in as an administrator.
- 1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.
 - 2 Click **Add a printer**.
 - 3 Click **Add a local printer**.
 - 4 Select the port connected to your printer, and then click **Next**.
 - 5 Click **Have Disk** to display the **Install From Disk** dialog box.
 - 6 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
 - 7 Click **Open**.
 - 8 Click **OK**.
 - 9 Select your printer name, and then click **Next**.
 - 10 To change the printer name, enter the printer name in the **Printer name** box.
To use this printer as the default printer, select the **Set as the default printer** check box.
 - 11 Click **Next**.
Installation starts.
 - 12 If you do not share your printer, select **Do not share this printer**.
If you share your printer, select **Share this printer so that others on your network can find and use it**.
 - 13 Click **Next**.
 - 14 Upon completion of the driver installation, click **Print a test page** to verify installation.
 - 15 Click **Finish**.

Windows 7, Windows 7 64-bit Edition, or Windows Server 2008 R2

- 1 Click **Start** → **Devices and Printers**.
 - 2 Click **Add a printer**.
If the **User Account Control** dialog box appears, click **Yes**.
- ### NOTE:
- If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.
- 3 Click **Add a local printer**.
 - 4 Select the port connected to your printer, and then click **Next**.
 - 5 Click **Have Disk** to display the **Install From Disk** dialog box.
 - 6 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
 - 7 Click **Open**.
 - 8 Click **OK**.
 - 9 Select your printer name, and then click **Next**.

- 10 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.
Installation starts.
- 11 If you do not share your printer, select **Do not share this printer**.
If you share your printer, select **Share this printer so that others on your network can find and use it**.
- 12 Click **Next**.
- 13 To use this printer as the default printer, select the **Set as the default printer** check box.
- 14 Upon completion of the driver installation, click **Print a test page** to verify installation.
- 15 Click **Finish**.

Windows 8, Windows 8 64-bit Edition, Windows 8.1, Windows 8.1 64-bit Edition, Windows Server 2012, or Windows Server 2012 R2

- 1 On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.
- 2 Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012 and Windows Server 2012 R2) → **Devices and Printers**.
- 3 Click **Add a printer**.
- 4 Click **The printer that I want isn't listed**.
- 5 Select **Add a local printer or network printer with manual settings**, and then click **Next**.
- 6 Select the port connected to your printer, and then click **Next**.
- 7 Click **Have Disk** to display the **Install From Disk** dialog box.
- 8 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
- 9 Click **Open**.
- 10 Click **OK**.
- 11 Select your printer name, and then click **Next**.
- 12 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.
Installation starts.
If the **User Account Control** dialog box appears, click **Yes**.
NOTE:
 - If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.
- 13 If you do not share your printer, select **Do not share this printer**.
If you share your printer, select **Share this printer so that others on your network can find and use it**.
- 14 Click **Next**.
- 15 To use this printer as the default printer, select the **Set as the default printer** check box.
- 16 Upon completion of the driver installation, click **Print a test page** to verify installation.
- 17 Click **Finish**.

• Network Connection Setup

Windows Vista and Windows Vista 64-bit Edition

- 1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.
 - 2 Click **Add a printer**.
 - 3 Click **Add a network, wireless or Bluetooth printer**.
 - 4 Select a printer or click **The printer that I want isn't listed**.
If you have selected your printer, go to step 7.
If you have clicked **The printer that I want isn't listed**, go to step 5.
 - 5 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.
 - 6 Select **TCP/IP Device** from **Device type**, and enter the IP address in the **Hostname or IP address** box, and then click **Next**.
If the **User Account Control** dialog box appears, click **Continue**.
- NOTE:**
- If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.
- 7 Click **Have Disk** to display the **Install From Disk** dialog box.
 - 8 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
 - 9 Click **Open**.
 - 10 Click **OK**.
 - 11 Select your printer name, and then click **Next**.
 - 12 To change the printer name, enter the printer name in the **Printer name** box.
To use this printer as the default printer, select the **Set as the default printer** check box.
 - 13 Click **Next**.
Installation starts.
 - 14 Upon completion of the driver installation, click **Print a test page** to verify installation.
 - 15 Click **Finish**.

Windows Server 2008 and Windows Server 2008 64-bit Edition

NOTE:

- You must log in as an administrator.

- 1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.
- 2 Click **Add a printer**.
- 3 Click **Add a network, wireless or Bluetooth printer**.
- 4 Select a printer or click **The printer that I want isn't listed**.
If you have selected your printer, go to step 7.
If you have clicked **The printer that I want isn't listed**, go to step 5.
- 5 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.
- 6 Select **TCP/IP Device** from **Device type**, and enter the IP address in the **Hostname or IP address** box, and then click **Next**.
If the **User Account Control** dialog box appears, click **Continue**.

NOTE:

- If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.
- 7 Click **Have Disk** to display the **Install From Disk** dialog box.
 - 8 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
 - 9 Click **Open**.
 - 10 Click **OK**.
 - 11 Select your printer name, and then click **Next**.
 - 12 To change the printer name, enter the printer name in the **Printer name** box.
To use this printer as the default printer, select the **Set as the default printer** check box.
 - 13 Click **Next**.
Installation starts.
 - 14 If you do not want your printer shared, select **Do not share this printer**. Otherwise, select **Share this printer so that others on your network can find and use it**.
 - 15 Click **Next**.
 - 16 Upon completion of the driver installation, click **Print a test page** to verify installation.
 - 17 Click **Finish**.

Windows Server 2008 R2

- 1 Click **Start** → **Devices and Printers**.
- 2 Click **Add a printer**.
- 3 Click **Add a network, wireless or Bluetooth printer**.
- 4 Select a printer or click **The printer that I want isn't listed**.

NOTE:

- If you click **The printer that I want isn't listed**, the **Find a printer by name or TCP/IP address** screen appears. Find your printer on the screen.

If the **User Account Control** dialog box appears, click **Continue**.

NOTE:

- If you are an administrator on the computer, click **Continue**; otherwise, contact your administrator to continue the desired action.

- 5 Click **Have Disk** to display the **Install From Disk** dialog box.
- 6 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
- 7 Click **Open**.
- 8 Click **OK**.
- 9 Select your printer name, and then click **Next**.
- 10 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.
Installation starts.
- 11 If you do not want your printer shared, select **Do not share this printer**. Otherwise, select **Share this printer so that others on your network can find and use it**.
- 12 Click **Next**.
- 13 To use this printer as the default printer, select the **Set as the default printer** check box.
- 14 Upon completion of the driver installation, click **Print a test page** to verify installation.
- 15 Click **Finish**.

Windows 7 and Windows 7 64-bit Edition

- 1 Click **Start** → **Devices and Printers**.
- 2 Click **Add a printer**.
- 3 Click **Add a network, wireless or Bluetooth printer**.
- 4 Select a printer or click **The printer that I want isn't listed**.
If you have selected your printer, go to step 7.
If you have clicked **The printer that I want isn't listed**, go to step 5.
- 5 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.
- 6 Select **TCP/IP Device** from **Device type**, and enter the IP address in the **Hostname or IP address** box, and then click **Next**.
If the **User Account Control** dialog box appears, click **Yes**.

NOTE:

- If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.

- 7 Click **Have Disk** to display the **Install From Disk** dialog box.
- 8 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
- 9 Click **Open**.
- 10 Click **OK**.
- 11 Select your printer name, and then click **Next**.
- 12 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.
Installation starts.
- 13 If you do not want your printer shared, select **Do not share this printer**. Otherwise, select **Share this printer so that others on your network can find and use it**.
- 14 Click **Next**.
- 15 To use this printer as the default printer, select the **Set as the default printer** check box.
- 16 Upon completion of the driver installation, click **Print a test page** to verify installation.
- 17 Click **Finish**.

Windows 8, Windows 8 64-bit Edition, Windows 8.1, Windows 8.1 64-bit Edition, Windows Server 2012, or Windows Server 2012 R2

- 1 On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.
 - 2 Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012 and Windows Server 2012 R2) → **Devices and Printers**.
 - 3 Click **Add a printer**.
 - 4 Select a printer or click **The printer that I want isn't listed**.
If you have selected your printer, go to step 7.
If you have clicked **The printer that I want isn't listed**, go to step 5.
 - 5 Select **Add a printer using a TCP/IP address or host name**, and then click **Next**.
 - 6 Select **TCP/IP Device** from **Device type**, and enter the IP address in the **Hostname or IP address** box, and then click **Next**.
 - 7 Click **Have Disk** to display the **Install From Disk** dialog box.
 - 8 Click **Browse**, and then select the extracted setup information (.inf) file in "Getting the Driver File" on page 47.
 - 9 Click **Open**.
 - 10 Click **OK**.
 - 11 Select your printer name, and then click **Next**.
 - 12 To change the printer name, enter the printer name in the **Printer name** box, and then click **Next**.
Installation starts.
If the **User Account Control** dialog box appears, click **Yes**.
- NOTE:**
- If you are an administrator on the computer, click **Yes**; otherwise, contact your administrator to continue the desired action.
- 13 If you do not want your printer shared, select **Do not share this printer**. Otherwise, select **Share this printer so that others on your network can find and use it**.

- 14 Click **Next**.
- 15 To use this printer as the default printer, select the **Set as the default printer** check box.
- 16 Upon completion of the driver installation, click **Print a test page** to verify installation.
- 17 Click **Finish**.

■ Setting Up for Web Services on Devices (WSD)

This section provides information for network printing with Web Services on Devices (WSD), the Microsoft protocol for Windows Vista and later operating systems.

For Windows Vista, Windows 7, Windows 8, and Windows 8.1, your printer is added with Web Services on Devices (WSD) by using the installer on the *Software Pack CD-ROM*. For details, see "Using Installer to Set Up Connection and Install Software" on page 43.

For Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, and Windows Server 2012 R2, you need to add the roles of print services first, and then install the print driver using the Windows **Add Printer** wizard. Follow the instructions below.

Adding Roles of Print Services

• For Windows Server 2008

- 1 Click **Start** → **Administrative Tools** → **Server Manager**.
- 2 From the **Action** menu, select **Add Roles**.
- 3 Select the **Print Services** check box on the **Server Roles** window in the **Add Roles Wizard**, and then click **Next**.
- 4 Click **Next**.
- 5 Select the **Print Server** check box, and then click **Next**.
- 6 Click **Install**.

• For Windows Server 2008 R2

- 1 Click **Start** → **Administrative Tools** → **Server Manager**.
- 2 From the **Action** menu, select **Add Roles**.
- 3 Select the **Print and Document Services** check box on the **Server Roles** window in the **Add Roles Wizard**, and then click **Next**.
- 4 Click **Next**.
- 5 Select the **Print Server** check box, and then click **Next**.
- 6 Click **Install**.

• For Windows Server 2012 and Windows Server 2012 R2

- 1 On the **Start** screen, click **Server Manager**.
- 2 Click **Add roles and features** to start **Add Roles and Features Wizard**.
- 3 Specify the settings and click **Next** until the **Select server roles** screen is displayed.
- 4 Select the **Print and Document Services** check box.
- 5 On the pop-up window, click **Add Features**.
- 6 Click **Next**.
- 7 Click **Next** on the **Select features** screen.
- 8 Read the explanation for **Print and Document Services** and click **Next**.
- 9 Select the **Print Server** check box, and then click **Next**.
- 10 Click **Install**.

WSD (Web Services on Devices) Printer Setup

You can install your new printer on the network using Windows **Add Printer** wizard. When installing using the *Software Pack CD-ROM* that shipped with your printer, see "Using Installer to Set Up Connection and Install Software" on page 43.

• Installing a Print Driver Using the Add Printer Wizard

- 1 For Windows 7 and Windows Server 2008 R2, click **Start** → **Devices and Printers**.
For Windows Vista, click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.
For Windows Server 2008, click **Start** → **Control Panel** → **Printer**.
For Windows 8 and Windows 8.1, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.
For Windows Server 2012 and Windows Server 2012 R2, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware** → **Devices and Printers**.
- 2 Click **Add a printer** to launch the **Add Printer Wizard**.
For Windows 8, Windows 8.1, Windows Server 2012, and Windows Server 2012 R2, go to step 4.
- 3 Select **Add a network, wireless or Bluetooth printer**.
- 4 In the list of available printers, select the one you want to use, and then click **Next**.

NOTE:

- In the list of available printers, the WSD (Web Services on Devices) printer is displayed in the form of `http://IP address/[UUID]`.
- If no WSD (Web Services on Devices) printer is displayed in the list, enter the printer's IP address manually to create a WSD (Web Services on Devices) printer. To enter the printer's IP address manually, follow the instructions below. To create a WSD (Web Services on Devices) printer, you must be a member of Administrators group.
 - 1 Click **The printer that I want isn't listed**.
 - 2 Select **Add a printer using a TCP/IP address or hostname** and click **Next**.
 - 3 Select **Web Services Device** from **Device type**.
 - 4 Enter the printer's IP address in the **Hostname or IP address** text box and click **Next**.
- Before installing the driver using the **Add Printer** wizard on Windows Server 2008 R2, add the print driver to your computer.

- 5 If prompted, install the print driver on your computer. If you are prompted for an administrator password or confirmation, type the password or provide confirmation.
- 6 Complete the additional steps in the wizard, and then click **Finish**.
- 7 Print a test page to verify printer installation.
 - a Open the **Devices and Printers** or **Printers** folder by performing step 1.
 - b Right-click the printer you just created, and then click **Printer properties (Properties for Windows Vista and Windows Server 2008)**.
 - c On the **General** tab, click **Print Test Page**. When a test page is printed successfully, the installation is complete.

■ Setting Up for Shared Printing

You can share your new printer on the network using the *Software Pack CD-ROM* that shipped with your printer, or using Windows Point and Print or peer-to-peer method.

This section describes Point and Print and peer-to-peer methods. Configure the printer sharing settings on the server computer, and then install its driver on all the client computers that use the shared printer by Point and Print or peer-to-peer method. Using either of the methods, however, you will not be able to use features such as the SimpleMonitor and other printer utilities, which will be installed from the *Software Pack CD-ROM*.

NOTE:

- You need to purchase an Ethernet cable separately for shared printing.

Configuring the Sharing Settings of Your Printer

• For Windows Server 2003 and Windows Server 2003 x64 Edition

- 1 Click **Start** → **Printers and Faxes**.
- 2 Right-click this printer icon and select **Properties**.
- 3 From the **Sharing** tab, select the **Share this printer** check box, and then enter a name in the **Share name** text box.
- 4 Click **Additional Drivers** and select the operating systems of all network clients using this printer.
- 5 Click **OK**.
If the files are not present in your computer, insert the server operating system CD.
- 6 Click **Apply**, and then click **OK**.

• For Windows Vista and Windows Vista 64-bit Edition

- 1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.
- 2 Right-click the printer icon and select **Sharing**.
- 3 Click **Change sharing options**.
The "**Windows needs your permission to continue**" appears.
- 4 Click **Continue**.
- 5 Select the **Share this printer** check box, and then enter a name in the **Share name** text box.
- 6 Select **Additional Drivers** and select the operating systems of all network clients using this printer.
- 7 Click **OK**.
- 8 Click **Apply**, and then click **OK**.

- **For Windows Server 2008 and Windows Server 2008 64-bit Edition**

- 1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.
- 2 Right-click the printer icon and select **Sharing**.
- 3 Select the **Share this printer** check box, and then enter a name in the **Share name** text box.
- 4 Click **Additional Drivers** and select the operating systems of all network clients using this printer.
- 5 Click **OK**.
- 6 Click **Apply**, and then click **OK**.

- **For Windows 7, Windows 7 64-bit Edition, and Windows Server 2008 R2**

- 1 Click **Start** → **Devices and Printers**.
- 2 Right-click the printer icon and select **Printer properties**.
- 3 On the **Sharing** tab, select the **Share this printer** check box, and then enter a name in the **Share name** text box.
- 4 Click **Additional Drivers** and select the operating systems of all network clients using this printer.
- 5 Click **OK**.
- 6 Click **Apply**, and then click **OK**.

- **For Windows 8, Windows 8 64-bit Edition, Windows 8.1, Windows 8.1 64-bit Edition, Windows Server 2012, and Windows Server 2012 R2**

- 1 On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.
- 2 Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012 and Windows Server 2012 R2) → **Devices and Printers**.
- 3 Right-click the printer icon and select **Printer properties**.
- 4 On the **Sharing** tab, select the **Share this printer** check box, and then enter a name in the **Share name** text box.
- 5 Click **Additional Drivers** and select the operating systems of all network clients using this printer.
- 6 Click **OK**.
- 7 Click **Apply**, and then click **OK**.

To check that the printer is shared:

- Make sure that the printer object in the **Printers, Printers and Faxes**, or **Devices and Printers** folder is shared. The share icon is displayed under the printer icon.
- Browse **Network** or **My Network Places**. Find the host name of the server and look for the shared name you assigned to the printer.

Now that the printer is shared, you can install the printer on network clients using the Point and Print method or the peer-to-peer method.

Point and Print

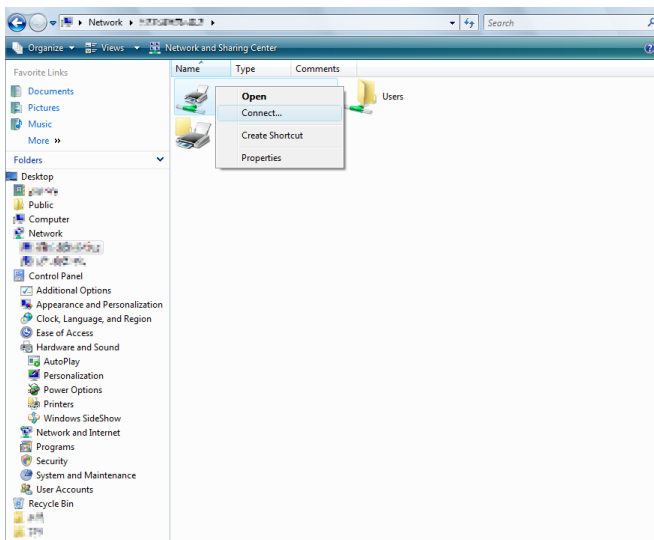
Point and Print is a Microsoft Windows technology that allows you to connect to a remote printer. This feature automatically downloads and installs the print driver.

• For Windows Server 2003 and Windows Server 2003 x64 Edition

- 1 On the Windows desktop of the client computer, double-click **My Network Places**.
- 2 Locate the host name of the server computer, and then double-click the host name.
- 3 Right-click the shared printer name, and then click **Connect**.
- 4 Wait until the driver is copied from the server to the client computer.
A new printer object is added to the **Printers and Faxes** folder. The duration of this procedure may vary based on the network traffic.
- 5 Close **My Network Places**.
- 6 Print a test page to verify installation.
 - a Click **Start** → **Printers and Faxes**.
 - b Select the printer you have installed.
 - c Click **File** → **Properties**.
 - d On the **General** tab, click **Print Test Page**.When a test page is printed successfully, the installation is complete.

• For Windows Vista and Windows Vista 64-bit Edition

- 1 Click **Start** → **Network**.
- 2 Locate and double-click the host name of the server computer.
- 3 Right-click the shared printer name, and then click **Connect**.



- 4 Click **Install driver**.
- 5 Click **Continue** in the **User Account Control** dialog box.
- 6 Wait until the driver is copied from the server to the client computer.
A new printer object is added to the **Printers** folder. The duration of this procedure may vary based on the network traffic.
- 7 Print a test page to verify installation.
 - a Click **Start** → **Control Panel** → **Hardware and Sound**.

- b Select **Printers**.
 - c Right-click the printer you just created and select **Properties**.
 - d On the **General** tab, click **Print Test Page**.
- When a test page is printed successfully, the installation is complete.

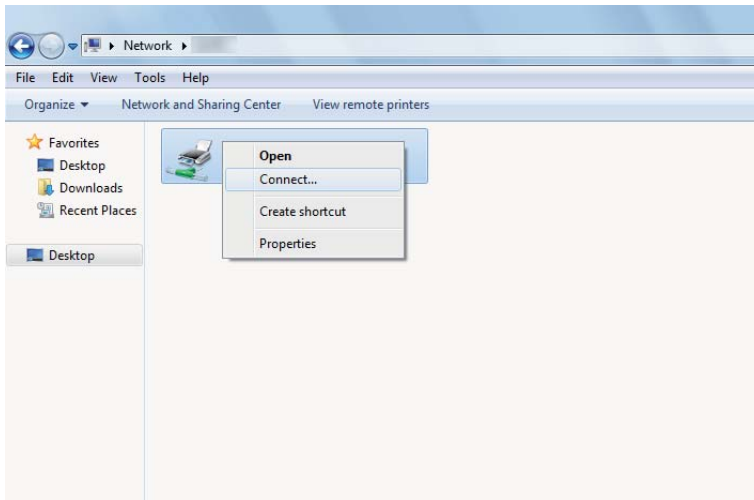
• **For Windows Server 2008 and Windows Server 2008 64-bit Edition**

- 1 Click **Start** → **Network**.
- 2 Locate the host name of the server computer, and then double-click the host name.
- 3 Right-click the shared printer name, and then click **Connect**.
- 4 Click **Install driver**.
- 5 Wait until the driver is copied from the server to the client computer.
A new printer object is added to the **Printers** folder. The duration of this procedure may vary based on the network traffic.
- 6 Print a test page to verify installation.
 - a Click **Start** → **Control Panel**.
 - b Select **Hardware and Sound**.
 - c Select **Printers**.
 - d Right-click the printer you just created and select **Properties**.
 - e On the **General** tab, click **Print Test Page**.

When a test page is printed successfully, the installation is complete.

• **For Windows 7, Windows 7 64-bit Edition, and Windows Server 2008 R2**

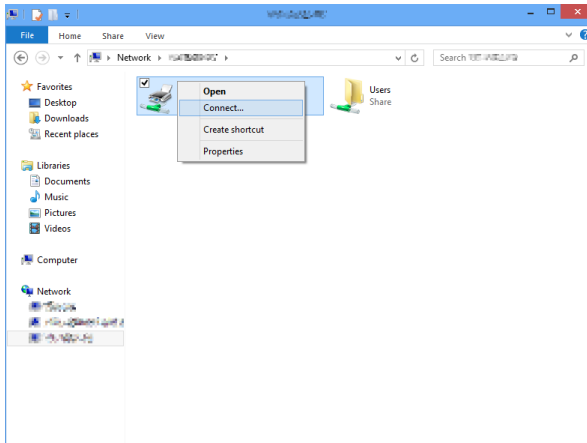
- 1 Click **Start** → **Computer** → **Network** (**Start** → **Network** for Windows Server 2008 R2).
- 2 Locate the host name of the server computer, and then double-click the host name.
- 3 Right-click the shared printer name, and then click **Connect**.



- 4 Click **Install driver**.
- 5 Wait until the driver is copied from the server to the client computer.
A new printer object is added to the **Devices and Printers** folder. The duration of this procedure may vary based on the network traffic.
- 6 Print a test page to verify installation.
 - a Click **Start** → **Devices and Printers**.
 - b Right-click the printer you just created and select **Printer properties**.
 - c On the **General** tab, click **Print Test Page**.
When a test page is printed successfully, the installation is complete.

- **For Windows 8, Windows 8 64-bit Edition, Windows 8.1, Windows 8.1 64-bit Edition, Windows Server 2012, and Windows Server 2012 R2**

- 1 On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.
- 2 Click **Control Panel** → **Network and Internet** → **View network computers and devices**.
- 3 Locate the host name of the server computer, and then double-click the host name.
- 4 Right-click the shared printer name, and then click **Connect**.



- 5 Click **Install driver**.
- 6 Wait until the driver is copied from the server to the client computer.
A new printer object is added to the **Devices and Printers** folder. The duration of this procedure may vary based on the network traffic.
- 7 Print a test page to verify installation.
 - a On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.
 - b Click **Control Panel** → **Hardware and Sound (Hardware for Windows Server 2012 and Windows Server 2012 R2)** → **Devices and Printers**.
 - c Right-click the printer you just created and select **Printer properties**.
 - d On the **General** tab, click **Print Test Page**.
When a test page is printed successfully, the installation is complete.

Peer-to-Peer

Peer-to-peer is a technology that allows you to connect to a printer connected to a host computer. You are required to download and install the print driver during the connection setup.

- **For Windows Server 2003 and Windows Server 2003 x64 Edition**

- 1 Click **Start** → **Printers and Faxes**.
- 2 Double-click the **Add Printer** icon to launch the **Add Printer Wizard**.
- 3 Click **Next**.
- 4 Select **A network printer, or a printer attached to another computer**, and then click **Next**.
- 5 Click **Browse for a printer**, and then click **Next**.

- 6 Select the printer, and then click **Next**.

If the printer is not listed, click **Back** and enter the path to the printer in the text box.

The server host name is the name of the server computer that identifies it on the network. The shared printer name is the name assigned during the server installation process.

If this is a new printer, you may be prompted to install a print driver. If no system driver is available, specify the location where the driver is available.

- 7 Select **Yes** if you want this printer to be set as the default printer, and then click **Next**.

- 8 Click **Finish**.

• For Windows Vista and Windows Vista 64-bit Edition

- 1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

- 2 Click **Add a printer** to launch the **Add Printer** wizard.

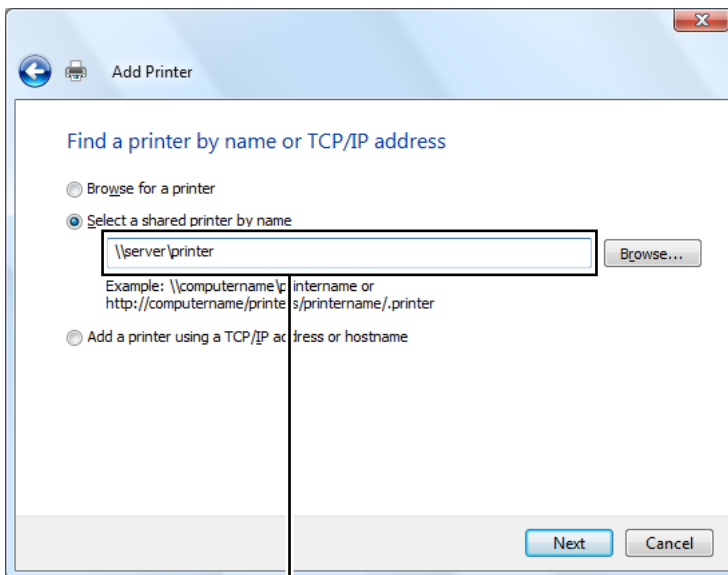
- 3 Select **Add a network, wireless or Bluetooth printer**, and then click **Next**.

If the printer is listed, select the printer, and then click **Next**.

If the printer is not listed, click **The printer that I want isn't listed**.

- a Click **Select a shared printer by name**.

- b Enter the path to the printer in the text box, and then click **Next**.



For example: \\<server host name>\<shared printer name>

The server host name is the name of the server computer that identifies it on the network. The shared printer name is the name assigned during the server installation process.

If this is a new printer, you may be prompted to install a print driver. If no system driver is available, specify the location where the driver is available.

- 4 Perform the following as required, and then click **Next**.

- Click **Yes** to set this printer as the default printer.
- Click **Print a test page** to verify installation.

- 5 Click **Finish**.

If a test page is printed successfully, the installation is complete.

• **For Windows Server 2008 and Windows Server 2008 64-bit Edition**

1 Click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

2 Click **Add a printer** to launch the **Add Printer** wizard.

3 Select **Add a network, wireless or Bluetooth printer**, and then click **Next**.

If the printer is listed, select the printer, and then click **Next**.

If the printer is not listed, click **The printer that I want isn't listed**.

a Click **Select a shared printer by name**.

b Enter the path to the printer in the text box, and then click **Next**.

For example: \\<server host name>\<shared printer name>

The server host name is the name of the server computer that identifies it on the network. The shared printer name is the name assigned during the server installation process.

If this is a new printer, you may be prompted to install a print driver. If no system driver is available, specify the location where the driver is available.

4 Perform the following as required, and then click **Next**.

- Click **Yes** to set this printer as the default printer.
- Click **Print a test page** to verify installation.

5 Click **Finish**.

If a test page is printed successfully, the installation is complete.

• **For Windows 7, Windows 7 64-bit Edition, and Windows Server 2008 R2**

1 Click **Start** → **Devices and Printers**.

2 Click **Add a printer** to launch the **Add Printer** wizard.

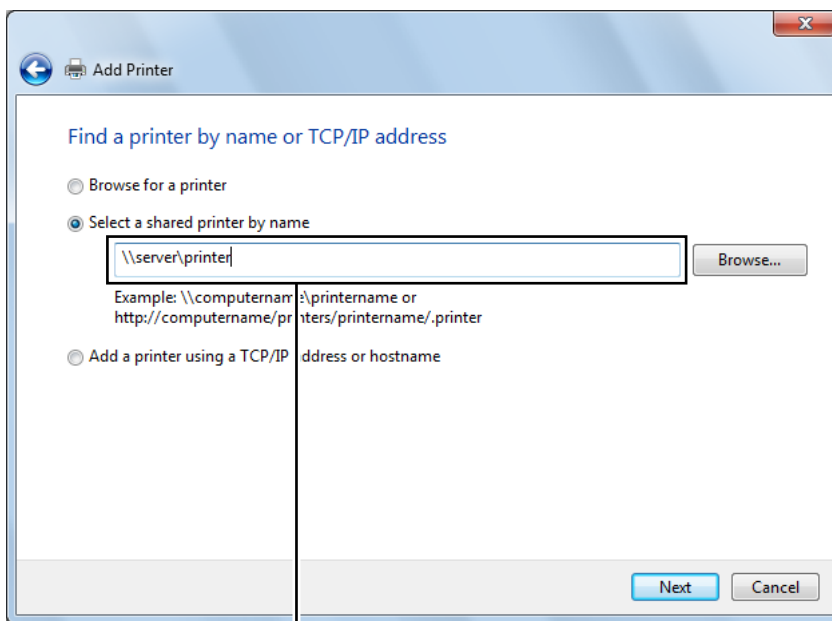
3 Select **Add a network, wireless or Bluetooth printer**.

If the printer is listed, select the printer, and then click **Next**.

If the printer is not listed, click **The printer that I want isn't listed**.

a Click **Select a shared printer by name**.

b Enter the path to the printer in the text box, and then click **Next**.



For example: \\<server host name>\<shared printer name>

The server host name is the name of the server computer that identifies it on the network. The shared printer name is the name assigned during the server installation process.

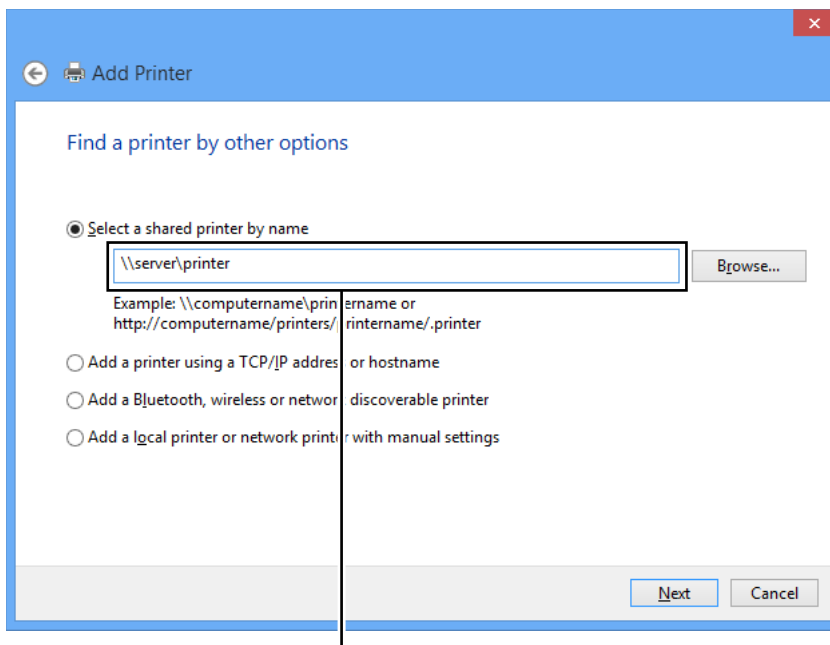
If this is a new printer, you may be prompted to install a print driver. If no system driver is available, specify the location where the driver is available.

- 4 Perform the following as required, and then click **Finish**.
 - Click **Set as the default printer** to set this printer as the default printer.
 - Click **Print a test page** to verify installation.

If a test page is printed successfully, the installation is complete.

• **For Windows 8, Windows 8 64-bit Edition, Windows 8.1, Windows 8.1 64-bit Edition, Windows Server 2012, and Windows Server 2012 R2**

- 1 On the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**.
- 2 Click **Control Panel** → **Hardware and Sound** (**Hardware** for Windows Server 2012 and Windows Server 2012 R2) → **Devices and Printers**.
- 3 Click **Add a printer** to launch the **Add Printer** wizard.
- 4 If the printer is listed, select the printer, and then click **Next**.
If the printer is not listed, click **The printer that I want isn't listed**.
 - a Click **Select a shared printer by name**.
 - b Enter the path to the printer in the text box, and then click **Next**.



For example: \\<server host name>\<shared printer name>

The server host name is the name of the server computer that identifies it on the network. The shared printer name is the name assigned during the server installation process.

If this is a new printer, you may be prompted to install a print driver. If no system driver is available, specify the location where the driver is available.

- 5 Confirm the printer name, and then click **Next**.
- 6 Perform the following as required, and then click **Finish**.
 - Click **Set as the default printer** to set this printer as the default printer.
 - Click **Print a test page** to verify installation.

If a test page is printed successfully, the installation is complete.

Configuring Printer and Installing Software on Mac OS X

■ Installing the Print Driver

For information on how to install the print driver, refer to the PostScript 3 Compatible User Guide.

■ Installing Software

- 1 Run the *Software Pack CD-ROM* on the Mac OS X.
- 2 Double-click the CD-ROM icon displayed on the desktop.
- 3 Double-click the installer icon.
- 4 Click **Continue** on the **Introduction** screen.
- 5 Select a language for the **Software License Agreement**.
- 6 After reading the **Software License Agreement**, click **Continue**.
- 7 If you agree to the terms of the **Software License Agreement**, click **Agree** to continue the installation process.

NOTE:

- When the screen to select the installation destination appears, select an installation location and click **Continue**.

- 8 Click **Install** to perform the standard installation.
- 9 For Mac OS X 10.5 and Mac OS X 10.6, enter the administrator's name and password, and then click **OK**.
For Mac OS X 10.7, OS X 10.8, and OS X 10.9, enter the administrator's name and password, and then click **Install Software**.
- 10 Click **Continue Installation**.
- 11 Click **Restart** to complete the installation.

■ Adding a Printer

Adding a Printer on OS X 10.9

• When Using a USB connection

- 1 Turn on the printer.
- 2 Connect the printer and your computer with the USB cable.
- 3 Display **System Preferences**, and then click **Printers & Scanners**.
- 4 Confirm your printer is added to **Printers & Scanners**.
If your printer is not displayed, execute the following procedures.
- 5 Click the plus (+) sign, and then click **Default**.
If **Add Printer or Scanner** is displayed, select **Add Printer or Scanner**, and then click **Default**.
Proceed to step 6.
- 6 Select the printer connected via USB from the **Name** list.
Name, **Location**, and **Use** are automatically entered.
- 7 Click **Add**.

• When Using Bonjour

- 1 Turn on the printer.
- 2 Make sure that your computer is connected to the network.
If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.
If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.
- 3 Display **System Preferences**, and then click **Printers & Scanners**.
- 4 Click the plus (+) sign, and select the printer from **Nearby Printers**.
The printer will be added to **Printers & Scanners**.
If there are no printers in **Nearby Printers**, select **Add Printer or Scanner**, and then click **Default**.
Proceed to step 5.
- 5 Select the printer connected via Bonjour from the **Name** list.
Name and **Use** are automatically entered.
NOTE:
 - If **AirPrint** is automatically selected for **Use**, select the model of your printer for **Use** manually.
- 6 Click **Add**.

• When Using IP Printing

- 1 Turn on the printer.
- 2 Make sure that your computer is connected to the network.
If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.
If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.
- 3 Display **System Preferences**, and then click **Printers & Scanners**.
- 4 Click the plus (+) sign, and then click **IP**.
If **Add Printer or Scanner** is displayed, select **Add Printer or Scanner**, and then click **IP**.
Proceed to step 5.
- 5 Select **Line Printer Daemon - LPD** for **Protocol**.
- 6 Enter the IP address of the printer in the **Address** area.
- 7 Select the model of your printer for **Use**.
NOTE:
 - When the printing is set up using IP printing, the queue name is displayed as blank. You do not need to specify it.
- 8 Click **Add**.

Adding a Printer on Mac OS X 10.7 and OS X 10.8

• When Using a USB connection

1 Turn on the printer.

2 Connect the printer and your computer with the USB cable.

3 Display **System Preferences**, and then click **Print & Scan**.

4 Confirm your printer is added to **Print & Scan**.

If your printer is not displayed, execute the following procedures.

5 Click the plus (+) sign, and then click **Default**.

If **Add Other Printer or Scanner (Add Printer or Scanner for OS X 10.8)** is displayed, select **Add Other Printer or Scanner (Add Printer or Scanner for OS X 10.8)**, and then click **Default**.

Proceed to step 6.

6 Select the printer connected via USB from the **Printer Name (Name for OS X 10.8)** list. **Name, Location, and Print Using (Use for OS X 10.8)** are automatically entered.

7 Click **Add**.

• When Using Bonjour

1 Turn on the printer.

2 Make sure that your computer is connected to the network.

If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.

If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.

3 Display **System Preferences**, and then click **Print & Scan**.

4 Click the plus (+) sign, and select the printer from **Nearby Printers**.

The printer will be added to **Print & Scan**.

If there are no printers in **Nearby Printers**, select **Add Other Printer or Scanner (Add Printer or Scanner for OS X 10.8)**, and then click **Default**.

Proceed to step 5.

5 Select the printer connected via Bonjour from the **Printer Name (Name for OS X 10.8)** list.

Name and **Print Using (Use for OS X 10.8)** are automatically entered.

NOTE:

- If **AirPrint Printer (AirPrint for OS X 10.8)** is automatically selected for **Print Using (Use for OS X 10.8)**, select the model of your printer for **Use** manually.

6 Click **Add**.

• When Using IP Printing

- 1 Turn on the printer.
- 2 Make sure that your computer is connected to the network.
If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.
If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.
- 3 Display **System Preferences**, and then click **Print & Scan**.
- 4 Click the plus (+) sign, and then click **IP**.
If **Add Other Printer or Scanner (Add Printer or Scanner for OS X 10.8)** is displayed, select **Add Other Printer or Scanner (Add Printer or Scanner for OS X 10.8)**, and then click **IP**.
Proceed to step 5.
- 5 Select **Line Printer Daemon - LPD** for **Protocol**.
- 6 Enter the IP address of the printer in the **Address** area.
- 7 Select the model of your printer for **Print Using (Use for OS X 10.8)**.
NOTE:
 - When the printing is set up using IP printing, the queue name is displayed as blank. You do not need to specify it.
- 8 Click **Add**.

Adding a Printer on Mac OS X 10.5.8 and Mac OS X 10.6

• When Using a USB connection

- 1 Turn on the printer.
- 2 Connect the printer and your computer with the USB cable.
- 3 Display **System Preferences**, and then click **Print & Fax**.
- 4 Confirm your printer is added to **Print & Fax** in **System Preferences**.
If your printer is not displayed, execute the following procedures.
- 5 Click the plus (+) sign, and then click **Default**.
- 6 Select the printer connected via USB from the **Printer Name** list.
Name, Location, and Print Using are automatically entered.
- 7 Click **Add**.

• When Using Bonjour

- 1 Turn on the printer.
- 2 Make sure that your computer is connected to the network.
If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.
If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.
- 3 Display **System Preferences**, and then click **Print & Fax**.
- 4 Click the plus (+) sign, and then click **Default**.
- 5 Select the printer connected via Bonjour from the **Printer Name** list.
Name and **Print Using** are automatically entered.
- 6 Click **Add**.

• When Using IP Printing

- 1 Turn on the printer.
- 2 Make sure that your computer is connected to the network.
If you use wired connection, make sure that the Ethernet cable is connected between the printer and the network.
If you use wireless connection, make sure that wireless connection is configured properly on your computer and printer.
- 3 Display **System Preferences**, and then click **Print & Fax**.
- 4 Click the plus (+) sign, and then click **IP**.
- 5 Select **Line Printer Daemon - LPD** for **Protocol**.
- 6 Enter the IP address of the printer in the **Address** area.
- 7 Select the model of your printer for **Print Using**.
NOTE:
 - When the printing is set up using IP printing, the queue name is displayed as blank. You do not need to specify it.
- 8 Click **Add**.

Configuring Printer and Installing the Print Driver on Linux (CUPS)

Your printer supports the following OS versions:

- Red Hat® Enterprise Linux® 6 Desktop (32-bit)
- SUSE® Linux Enterprise Desktop 11 (32-bit)
- Ubuntu® 12.04 (32-bit)
- Red Hat Enterprise Linux 6 Desktop (64-bit)
- SUSE Linux Enterprise Desktop 11 (64-bit)
- Ubuntu 12.04 (64-bit)

This section provides information for installing or setting up the print driver with CUPS (Common UNIX Printing System) on Red Hat Enterprise Linux 6 Desktop, SUSE Linux Enterprise Desktop 11, or Ubuntu 12.04.

NOTE:

- When using a CD drive in a Linux environment, you need to mount the CD according to your system environment. The command strings are `mount/media/CD-ROM`.
- The print drivers, the rpm file and deb file, are included in the **Linux** folder on the *Software Pack CD-ROM*.

■ Installing the Print Driver

For Red Hat Enterprise Linux 6 Desktop

- 1 Double-click the rpm file.
- 2 Click **Install**.
- 3 Enter the administrator password, and click **Authenticate**.
Installation starts. When the installation is complete, the window is automatically closed.

For SUSE Linux Enterprise Desktop 11

- 1 Double-click the rpm file.
- 2 Click **Install**.
- 3 Enter the administrator password, and click **Authenticate**.
Installation starts. When the installation is complete, the window is automatically closed.

For Ubuntu 12.04

- 1 Double-click the deb file.
- 2 Click **Install**.
- 3 Enter the user password, and click **OK**.
- 4 Click **Close**.
- 5 Click **X** (Close) at the top-left of the dialog box to close the **Package Installer** dialog box.

■ Setting Up the Queue

To execute printing, you must set up the print queue on your workstation.

NOTE:

- When you have finished setting up the queue, you can print jobs from the applications. Start the print job from the application, and specify the queue in the print dialog box.
However, you may be able to print only from the default queue depending on the application. In these cases, before you start printing, set the queue you want to print to as the default queue. For information on specifying the default queue, see also "Setting the Default Queue" on page 72.

For CUPS Web UI

The following procedure uses CUPS 1.4.3 as an example.

- 1 Open the URL "**http://localhost:631**" using a web browser.
- 2 Click **Administration**.
- 3 Click **Add Printer**.
- 4 Enter **root** as the user name, and then enter the administrator password.
- 5 Click **OK**.
- 6 Select either of the following according to the type of your printer connection.
For network connections:
 - a Select **LPD/LPR Host or Printer** from the **Other Network Printers** menu, and then click **Continue**.
 - b Enter the IP address of the printer in **Connection**.
Format: **lpd://xxx.xxx.xxx.xxx** (the IP address of the printer)
 - c Click **Continue**.
 - d Enter the name of the printer in **Name** in the **Add Printer** window, and then click **Continue**.
You can optionally specify the location and description of the printer for further information.
If you want to share the printer, select the **Share This Printer** check box.
For USB connections:
 - a Select **FUJI XEROX DocuPrint XXX (FUJI XEROX DocuPrint XXX)** from the **Local Printers** menu, and then click **Continue**.
 - b Enter the name of the printer in **Name** in the **Add Printer** window, and then click **Continue**.
You can optionally specify the location and description of the printer for further information.
If you want to share the printer, select the **Share This Printer** check box.
- 7 Select **FX** from the **Make** menu, and then click **Continue**.
- 8 Select **FX Printer Driver for Linux** from the **Model** menu, and then click **Add Printer**.
The setup is complete.
You can optionally specify the default options settings of the printer.

■ Setting the Default Queue

For CUPS Web UI

The following procedure uses CUPS 1.4.3 as an example.

- 1 Open the URL "**http://localhost:631**" using a web browser.
- 2 Click **Administration**.
- 3 Click **Manage Printers**.
- 4 Click the queue name for which you want to specify the printing options.
- 5 Click the **Administration** drop-down list box, and then select **Set AS Server Default**.
- 6 Enter **root** as the user name, enter administrator password and click **OK**.
The setting is complete.

■ Specifying the Printing Options

For CUPS Web UI

The following procedure uses CUPS 1.4.3 as an example.

- 1 Open the URL "**http://localhost:631**" using a web browser.
- 2 Click **Administration**.
- 3 Click **Manage Printers**.
- 4 Click the queue name for which you want to specify the printing options.
- 5 Click the **Administration** drop-down list box, and then select **Set Default Options**.
- 6 Specify the required settings, and click **Set Default Options**.
- 7 Enter **root** as the user name, enter administrator password and click **OK**.
The message **Printer xxx default options have been set successfully**. appears.
The setting is complete.

Printing Basics

- "About Print Media" on page 74
- "Supported Print Media" on page 76
- "Loading Print Media" on page 77
- "Printing" on page 85

About Print Media

Using paper that is not appropriate for the printer can cause paper jams, image quality problems, or printer failure. To achieve the best performance from your printer, we recommend you to use only the paper described in this section.

When using paper other than that recommended, contact the Fuji Xerox local representative office or an authorized dealer.

■ Print Media Usage Guidelines

The printer tray accommodates various sizes and types of paper and other specialty media. Follow these guidelines when loading paper and media in the tray:

- Fan paper or other specialty media before loading in the paper tray.
- Do not print on label stock once a label has been removed from a sheet.
- Use only paper envelopes. Do not use envelopes with windows, metal clasps, or adhesives with release strips.
- Print all envelopes single-sided only.
- Some wrinkling and embossing may occur when printing envelopes.
- Do not overload the tray. Do not load print media above the fill line on the inside of the paper width guides.
- Adjust the paper width guides to fit the paper size.
- If excessive jams occur, use paper or other media from a new package.



WARNING:

- **Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.**

See also:

- "Loading Print Media in the Standard 150 Sheet Tray" on page 77
- "Loading Envelope in the Standard 150 Sheet Tray" on page 80
- "Printing on Custom Size Paper" on page 91

■ Print Media That Can Damage Your Printer

Your printer is designed to use a variety of media types for print jobs. However, some media can cause poor output quality, increased paper jams, or damage to your printer.

Unacceptable media includes:

- Rough or porous media
- Plastic media
- Paper that has been folded or wrinkled
- Paper with staples
- Envelopes with windows or metal clasps
- Padded envelopes
- Non-laser glossy or coated paper
- Perforated media



WARNING:

- **Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.**

■ Print Media Storage Guidelines

Providing good storage conditions for your paper and other media contributes to optimum print quality.

- Store print media in dark, cool, and relatively dry locations. Most paper items are susceptible to damage from ultraviolet (UV) and visible light. UV radiation, which is emitted by the sun and fluorescent bulbs, is particularly damaging to paper items. The intensity and length of exposure to visible light on paper items should be reduced as much as possible.
- Maintain constant temperatures and relative humidity.
- Avoid attics, kitchens, garages, and basements for storing print media.
- Store print media flat. Print media should be stored on pallets, cartons, shelves, or in cabinets.
- Avoid having food or drinks in the area where print media is stored or handled.
- Do not open sealed packages of paper until you are ready to load them into the printer. Leave paper in the original packaging. For most commercial cut-size grades, the ream wrapper contains an inner lining that protects the paper from moisture loss or gain.
- Leave the media inside the bag until you are ready to use it; reinsert unused media in the bag and reseal it for protection. Some specialty media is packaged inside resealable plastic bags.

Supported Print Media

Using unsuitable print media may lead to paper jams, poor print quality, breakdown and damage to your printer. To use the features of this printer effectively, use the suggested print media that is recommended here.

IMPORTANT:

- The toner may come off the print media if it gets wet by water, rain, steam, and so on. For details, contact the Fuji Xerox local representative office or an authorized dealer.

■ Usable Print Media

The types of print media that can be used on this printer are as follows:

Standard 150 Sheet Tray

Paper Size	A4 SEF (210 × 297 mm) B5 SEF (182 × 257 mm) A5 SEF (148 × 210 mm) Letter SEF (8.5 × 11 inches) Legal SEF (8.5 × 14 inches) Folio SEF (8.5 × 13 inches) Executive SEF (7.25 × 10.5 inches) C5 SEF (162 × 229 mm) Monarch SEF (3.875 × 7.5 inches) Monarch LEF (7.5 × 3.875 inches)* Com 10 Env SEF (4.125 × 9.5 inches) DL SEF (110 × 220 mm) DL LEF (220 × 110 mm)* Custom Size: Width: 76.2 – 215.9 mm (3 – 8.5 inches) Length: 127 – 355.6 mm (5 – 14 inches)
Paper Type (Weight)	Plain (60 – 90 gsm) Bond (91 – 105 gsm) Lightweight Cardstock (106 – 163 gsm) Lightweight Glossy Cardstock (106 – 163 gsm) Envelope Labels Recycled (60 – 105 gsm)
Loading Capacity	150 sheets of standard paper

* Monarch and DL envelopes can be supported by LEF with their flaps open.

NOTE:

- SEF and LEF indicate the paper feed direction; SEF stands for short-edge feed. LEF stands for long-edge feed.
- Use only laser print media. Do not use ink jet paper in this printer.

See also:

- "Loading Print Media in the Standard 150 Sheet Tray" on page 77
- "Loading Envelope in the Standard 150 Sheet Tray" on page 80
- "Loading Letterhead in the Standard 150 Sheet Tray" on page 81

Using print media, which is different from the paper size or paper type set on the print driver, may lead to paper jams. To make sure that printing is correctly performed, select the correct paper size and paper type.

Loading Print Media

Loading print media properly helps prevent jams and ensures trouble-free printing.

Before loading print media, identify the recommended print side of the print media. This information is usually on the print media package.

NOTE:

- After loading paper in the standard 150 sheet tray, specify the same paper type on the print driver.

■ Capacity

The standard 150 sheet tray can hold:

- 150 sheets of standard paper
- 16.2 mm (0.64 inches) of thick paper
- One sheet of coated paper
- Five envelopes
- 16.2 mm (0.64 inches) of labels

■ Print Media Dimensions

The standard 150 sheet tray accepts print media within the following dimensions:

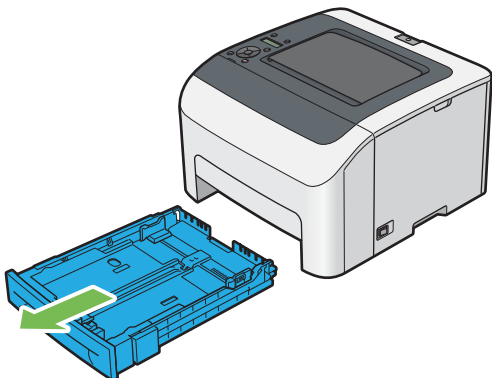
- Width: 76.2 – 215.9 mm (3.00 – 8.50 inches)
- Length: 127 – 355.6 mm (5.00 – 14.00 inches)

■ Loading Print Media in the Standard 150 Sheet Tray

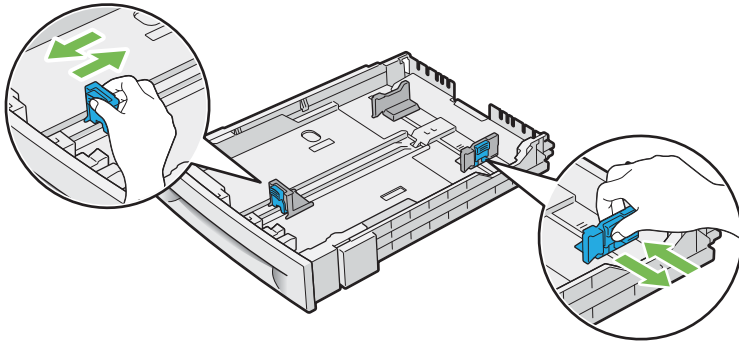
NOTE:

- To avoid paper jams, do not remove the tray while printing is in progress.
- Use only laser print media. Do not use ink jet print media in this printer.

- 1 Hold the tray with both hands, and remove it from the printer.

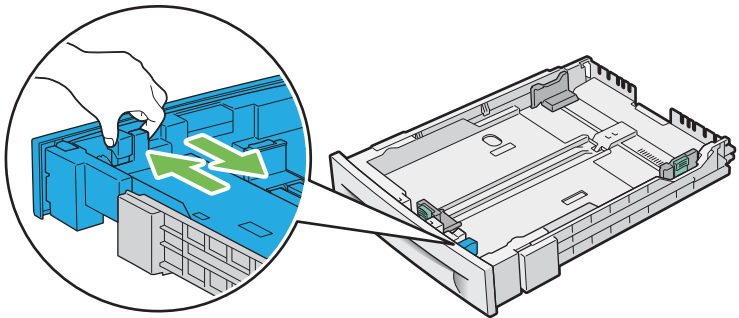


2 Adjust the paper guides.

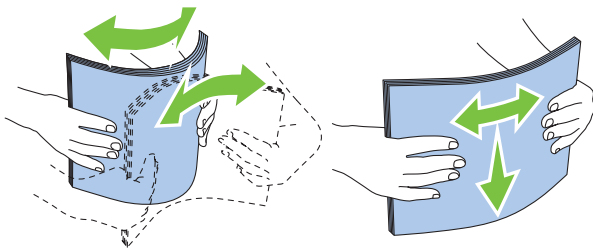


NOTE:

- When loading Legal size or user-specified print media, slide the extendable part of the tray while pinching the lever.



3 Before loading the print media, flex the sheets and fan them. Straighten the edges of the stack on a level surface.

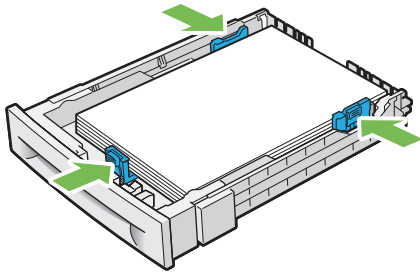


4 Load the print media into the tray with the recommended print side facing up.

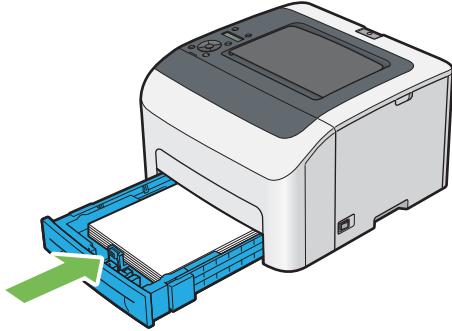
NOTE:

- Do not exceed the maximum fill line in the tray. Overfilling the tray may cause paper jams.
- When loading coated paper, load coated paper one sheet at a time.

- 5 Align the width guides and length guide against the edges of the print media.

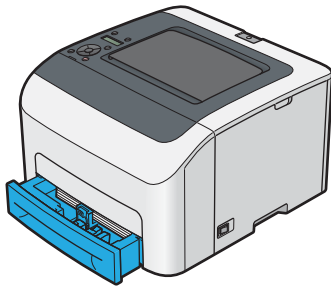


- 6 After confirming that the guides are securely adjusted, insert the tray into the printer.



NOTE:

- If the front side of the tray is extended, the tray protrudes when it is inserted into the printer.



- 7 Select the paper size and type from the print driver if the loaded print media is not plain paper.

NOTE:

- For more information about setting the paper size and type on the print driver, refer to the Help provided for the print driver.

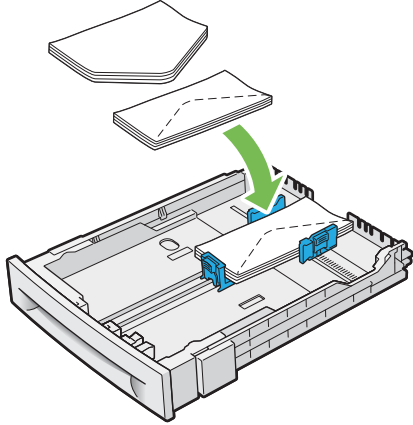
Loading Envelope in the Standard 150 Sheet Tray

NOTE:

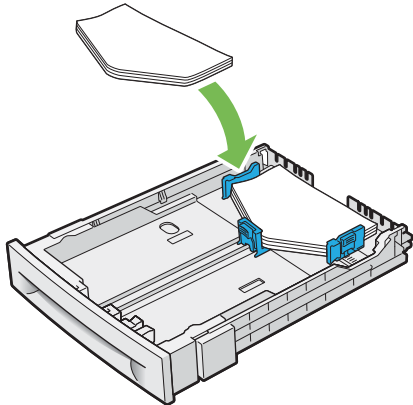
- When you print on envelopes, be sure to specify the envelope setting on the print driver. If not specified, the print image will be rotated 180 degrees.

• When Loading Com 10, DL, or Monarch

Load envelopes with the flaps closed. Place the print side facing up, and the flaps come at the right when you face towards the printer.



To prevent DL and Monarch from being wrinkled, they are recommended to be loaded with the flaps opened. Place the print side facing up, and the flaps come at the bottom when you face towards the printer.

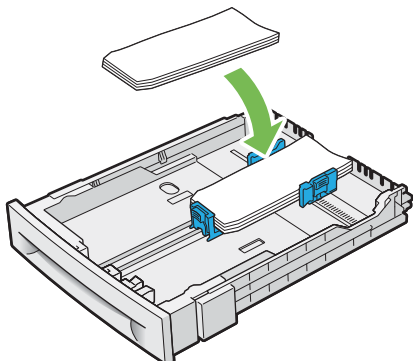


NOTE:

- When you load the envelopes in the long-edge feed (LEF) orientation, be sure to specify the landscape orientation on the print driver.

• When Loading C5

Load envelopes with the flaps opened. Place the print side facing up, and the flaps come at the bottom when you face towards the printer.

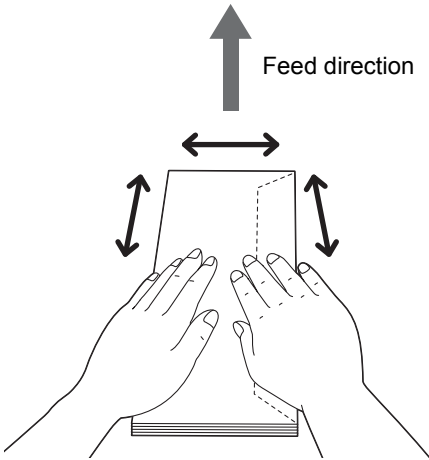


IMPORTANT:

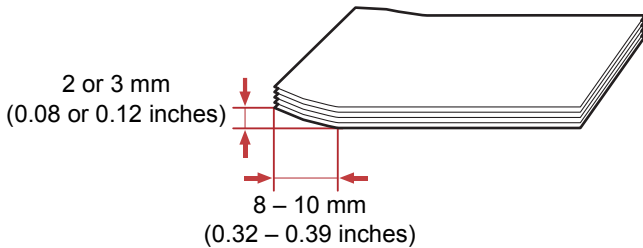
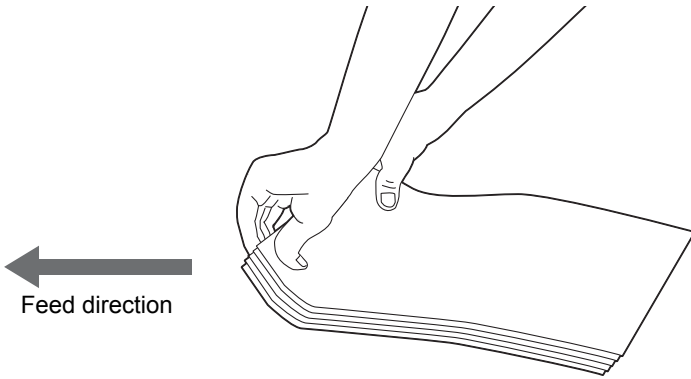
- Never use envelopes with windows or coated linings. These lead to paper jams and can cause damage to the printer.

NOTE:

- Up to 5 envelopes can be loaded in the standard 150 sheet tray.
- If you do not load envelopes in the standard 150 sheet tray right after they have been removed from the packaging, they may bulge. To avoid jams, flatten the envelopes before loading them in the standard 150 sheet tray. When flattening the envelopes, firmly press down on the entire surface of the envelopes as shown below.



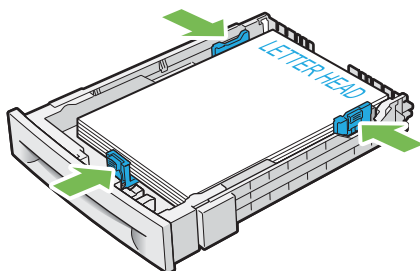
- If envelopes are still not fed correctly, curl the edge of the envelopes as shown in the following illustration. The amount of the curl should be 5 mm (0.20 inches) or less, 2 or 3 mm (0.08 or 0.12 inches) is recommended. The area of the curl should be 8 – 10 mm (0.32 – 0.39 inches) from the top edge of the envelopes. Do not curl the envelopes too much or make a crease.



- To confirm the correct orientation of envelopes, see the instruction on the Envelope/Paper Setup Navigator on the print driver.

Loading Letterhead in the Standard 150 Sheet Tray

Load the letterhead in the printer with the print side facing up. Make sure that the title on the letterhead enters the printer first.



Manual Duplex Printing

NOTE:

- When printing on curled paper, straighten the paper, and then insert it into the standard 150 sheet tray.

Operations on Your Computer

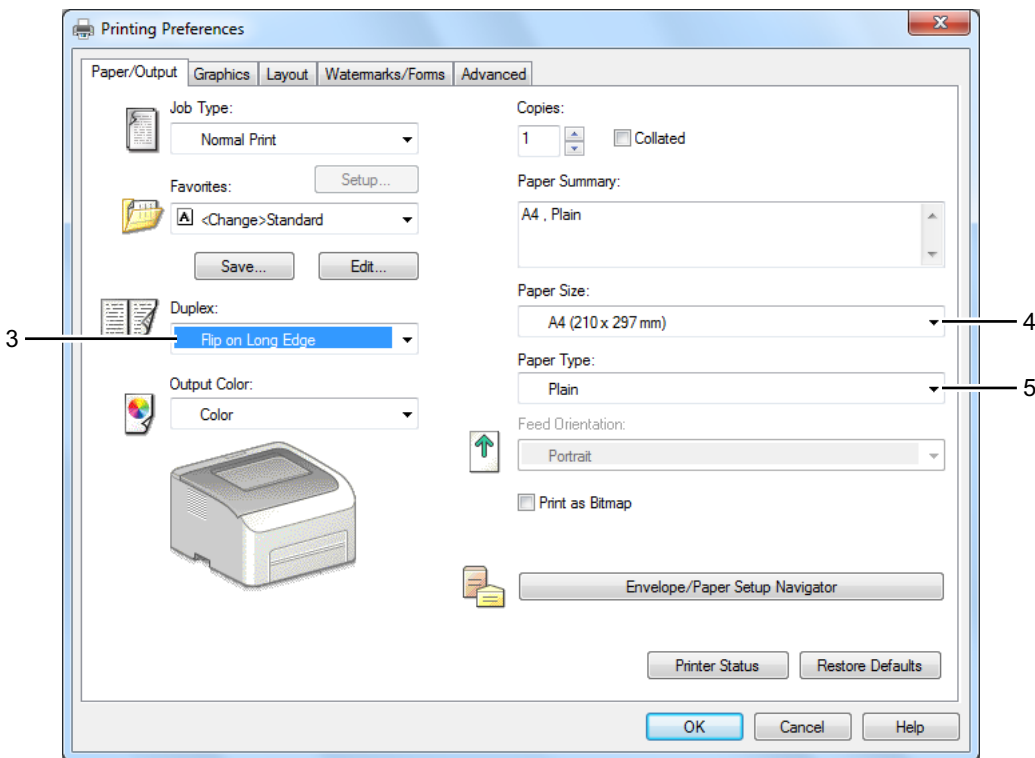
• Using the Windows Print Driver

The following procedure uses Microsoft® Windows® 7 as an example.

NOTE:

- The way to display the printer **Properties/Printing Preferences** dialog box differs according to the application software. Refer to the manual of your respective application software.

- 1 From the application menu, select **Print**.
- 2 Select the printer from **Select Printer**, drop-down list box, and then click **Preferences**.
The **Paper/Output** tab appears.
- 3 From **Duplex**, select either **Flip on Long Edge** or **Flip on Short Edge** to define the way 2-sided print pages are bound.



- 4 From the **Paper Size**, select the size of the document to be printed.
- 5 From **Paper Type**, select the paper type to be used.
- 6 Click **OK** to close the **Printing Preferences** dialog box.
- 7 Click **Print** in the **Print** dialog box to start printing.

IMPORTANT:

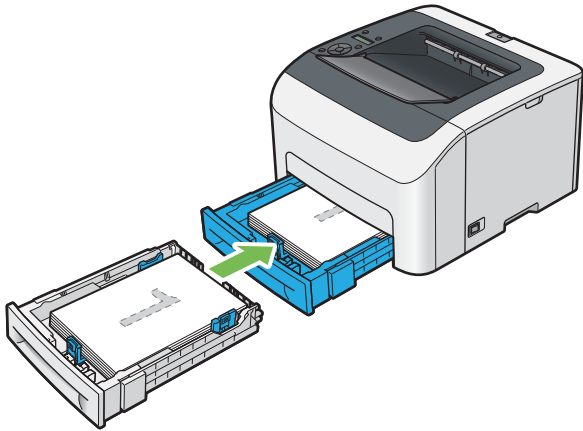
- When you start manual duplex printing, the instruction window appears. Note that the window cannot be reopened once it is closed. Do not close the window until duplex printing is complete.

Loading Print Media in the Standard 150 Sheet Tray

- 1 Print the even pages (back sides).

For a six-page document, back sides are printed in the order of page 6, page 4, then page 2.

The **!** (**Error**) indicator lights and **Insert Output** and **Press OK** appears on the LCD panel when the printer finishes printing the even pages.

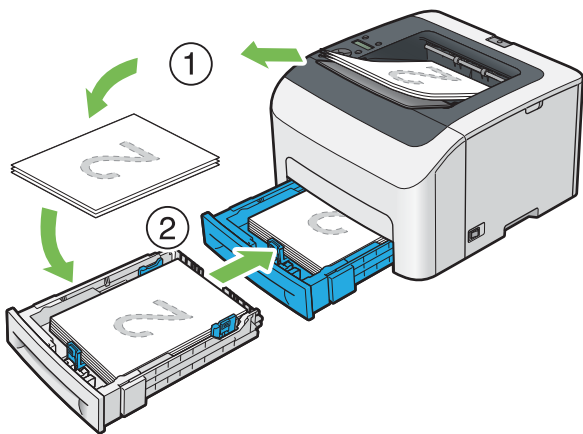


- 2 After the even pages are printed, remove the paper stack from the center output tray.

NOTE:

- Warped or curled paper can cause paper jams. Straighten them before setting.

- 3 Stack the paper and set them as they are (with the blank side facing up) into the standard 150 sheet tray. Pages are printed in the order of page 1 (back of page 2), page 3 (back of page 4), and then page 5 (back of page 6).



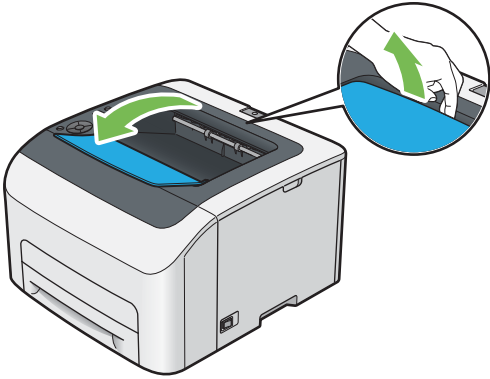
NOTE:

- Printing on both sides of the paper is not possible if the document consists of various sizes of paper.

■ Using the Output Tray Extension

The output tray extension is designed to prevent print media from falling from the printer after the print job is complete.

Before printing a document, make sure that the output tray extension is opened.



Printing

This section covers how to print documents from your printer and how to cancel a job.

■ Sending a Job to Print

Install the print driver to use all the features of the printer. When you choose **Print** from an application, a window representing the print driver opens. Select the appropriate settings for the file to print. Print settings selected from the driver have precedence over the default menu settings selected from the operator panel or the Printer Setting Utility.

For information on PostScript 3 Compatible driver printing for Mac OS X, refer to the PostScript 3 Compatible User Guide.

Sending a Print Job (Windows)

- 1 Open the file you want to print.
- 2 From the application menu, select **Print**.
- 3 Verify that the correct printer is selected in the dialog box. Modify the system settings as needed (such as the pages you want to print or the number of copies).
- 4 To adjust system settings not available from the first screen, such as **Paper Size**, **Output Color**, or **Layout**, click **Preferences**.
The **Printing Preferences** dialog box appears.
- 5 Specify the system settings. For more information, click **Help**.
- 6 Click **OK** to close the **Printing Preferences** dialog box.
- 7 Click **Print** to send the job to the selected printer.

■ Canceling a Print Job

There are several methods for canceling a print job.

For information on PostScript 3 Compatible driver printing for Mac OS X, refer to the PostScript 3 Compatible User Guide.

Canceling a Print Job From the Operator Panel

To cancel a job after it has started printing:

- 1 Press the  (**Stop**) button.

NOTE:

- Printing is canceled only for the current job. All the following jobs will continue to print.

Canceling a Print Job From the Computer (Windows)

• Canceling a Print Job From the Taskbar

When you send a job to print, a small printer icon appears in the right corner of the taskbar.

- 1 Double-click the printer icon.
A list of print jobs appears in the printer window.
- 2 Select the job you want to cancel.
- 3 Press the **Delete** key.
- 4 Click **Yes** on the **Printers** dialog box to cancel a print job.

• Canceling a Print Job From the Desktop

- 1 Minimize all programs to reveal the desktop.
For Windows Server® 2003, click **Start** → **Printers and Faxes**.
For Windows 7 and Windows Server 2008 R2, click **Start** → **Devices and Printers**.
For Windows Vista® and Windows Server 2008, click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.
For Windows 8 and Windows 8.1, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.
For Windows Server 2012 and Windows Server 2012 R2, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware** → **Devices and Printers**.
A list of available printers appears.
- 2 Double-click the printer you selected when you sent the job.
A list of print jobs appears in the printer window.
- 3 Select the job you want to cancel.
- 4 Press the **Delete** key.
- 5 Click **Yes** on the **Printers** dialog box to cancel a print job.

■ Using the Secure Print Feature

When you send a job to the printer, you can specify the information such as user ID, passcode, and job name in the print driver to store the job in the memory. When you are ready to print the job, use the operator panel menus of the printer to identify which job in the memory you want to print.

NOTE:

- The Secure Print feature is available only when **RAM Disk** under **System Settings** is set to **On**.
- The data in the memory is cleared when the printer is turned off.

Secure Print

You can store print jobs secured with a passcode in the memory. Users with the passcode can print them from the operator panel. This feature can be used to print confidential documents. The stored job in the memory is deleted automatically after printing. You can select to delete the stored job before printing, or the stored job is deleted by turning off the printer.



NOTE:

- Secure Print is available when you use the PCL or PostScript 3 Compatible driver.

Procedures for Printing Secure Print

The following are procedures for storing and printing jobs.

• Storing Print Jobs

For Secure Print, select **Secure Print** for **Job Type** and specify the user ID, passcode and job name by clicking **Setup** in the **Paper/Output** tab of the print driver. When you send the job to the printer, the job will be stored in the memory until you request to print from the operator panel or turn off the printer.

NOTE:

- If a print job is too large for the memory available, the printer may display error messages.
- If a document name is not assigned to your print job in the print driver, the job's name will be identified using the printer's time and date of submission to distinguish it from other jobs you have stored under your name.

• Printing the Stored Jobs

Once jobs are stored, you can use the operator panel to specify printing.

Printing the Secure Print Job

Secure Print requires the passcode you specified in the driver when you sent the job.

- 1 Press the ◀ button.
- 2 Select `Secure Print`, and then press the (OK) button.
- 3 Select your user ID you specified in the print driver, and then press the (OK) button.
- 4 Enter the passcode you specified in the print driver, and then press the (OK) button.
For details about specifying the passcode, see "Specifying Your Passcode on the Operator Panel" on page 88.
- 5 Select `All Documents` or the document you want to print, and then press the (OK) button.
- 6 Select `Print`, and then press the (OK) button.
If you have selected `All Documents` in the step 5, go to step 7.
If you have selected the document you want to print in the step 5, go to step 8.
- 7 Select `Use PC Settings` or `Input Number`.
If you want to print the number of copies you specified on the PC, select `Use PC Settings`, and then press the (OK) button. The stored document will be printed.
If you want to specify the number of copies you want to print on the operator panel, select `Input Number`, and then press the (OK) button.

- 8 Specify the number of copies to be printed using the ▲ and ▼ buttons, and then press the (OK) button.
The stored document will be printed.

• Specifying Your Passcode on the Operator Panel

When you select your user ID for Secure Print, a screen to enter the passcode appears.

Use the operator panel to enter the numeric passcode you specified in the print driver. The passcode you entered will be displayed as asterisks (*****) to ensure confidentiality.

If you enter an invalid passcode, `wrong password` appears. Wait for three seconds, or press the ↩ button to return to the screen for user selection.

When you enter a valid passcode, you have access to all print jobs matching the user name and passcode you entered. The print jobs matching the passcode you entered appear on the screen. You can then choose to print or to delete jobs matching the passcode you entered. For details, see "Printing the Stored Jobs" on page 87.

• Deleting Stored Jobs

A job that has been stored will be deleted after printing if selected to do so on the operator panel. Otherwise, the job remains stored until you delete them on the operator panel.

NOTE:

- The data in the memory is cleared when the printer is turned off.

■ Selecting Printing Options

For information on PostScript 3 Compatible driver printing for Mac OS X, refer to the PostScript 3 Compatible User Guide.

Selecting Printing Preferences (Windows)

Printing preferences control all of your print jobs, unless you override them specifically for a job. For example, if you want to use duplex printing for most jobs, set this option in printing preferences.

To select printing preferences:

- 1 For Windows Server 2003, click **Start** → **Printers and Faxes**.

For Windows 7 and Windows Server 2008 R2, click **Start** → **Devices and Printers**.

For Windows Vista and Windows Server 2008, click **Start** → **Control Panel** → **Hardware and Sound** → **Printers**.

For Windows 8 and Windows 8.1, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware and Sound** → **Devices and Printers**.

For Windows Server 2012 and Windows Server 2012 R2, on the **Desktop** screen, place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings**. Click **Control Panel** → **Hardware** → **Devices and Printers**.

A list of available printers appears.

- 2 Right-click the icon for your printer, and then select **Printing preferences**.

The printer's **Printing Preferences** screen appears.

- 3 Make selections on the driver tabs, and then click **OK** to save your selections.

NOTE:

- For more information about Windows print driver options, click **Help** on the print driver.

Selecting Options for an Individual Job (Windows)

If you want to use special printing options for a particular job, change the driver settings before sending the job to the printer. For example, if you want to use Photo print-quality mode for a particular graphic, select this setting in the driver before printing that job.

- 1 With the desired document or graphic open in your application, access the **Print** dialog box.
- 2 Select your printer and click **Preferences** to open the print driver.
- 3 Make selections on the driver tabs.

NOTE:

- When using the PCL or PostScript 3 Compatible driver, you can save current printing options with a distinctive name and apply them to other print jobs. Select either the **Paper/Output**, **Graphics**, **Layout**, **Watermark/Forms**, or **Advanced** tab, and then click **Save** under **Favorites** on the **Paper/Output** tab. Click **Help** for more information.

- 4 Click **OK** to save your selections.
- 5 Print the job.

See the following table for specific printing options:

The table shown below uses the PCL driver as an example.

Printing Options for Windows

Driver Tab	Printing Options
Paper/Output tab	<ul style="list-style-type: none">• Job Type<ul style="list-style-type: none">– Setup• Favorites<ul style="list-style-type: none">– Save– Edit• Duplex• Output Color• Copies• Collated• Paper Summary• Paper Size• Paper Type• Feed Orientation• Print as Bitmap• Envelope/Paper Setup Navigator• Printer Status• Restore Defaults
Graphics tab	<ul style="list-style-type: none">• Output Color• Image Adjustment Mode• Image Types• Screen• Toner Saving Mode• Gray Guaranteed• Image Settings• Color Balance• Profile Settings• Restore Defaults

Driver Tab	Printing Options
Layout tab	<ul style="list-style-type: none"> • Image Orientation • Multiple Up • Booklet / Poster / Mixed Document • Output Size • Reduce / Enlarge • Margin Shift/Margin • Restore Defaults
Watermarks/Forms tab	<ul style="list-style-type: none"> • Watermarks <ul style="list-style-type: none"> – New Text – New Bitmap – Edit – Delete • First Page Only • Forms <ul style="list-style-type: none"> – Off – Create / Register Forms – Image Overlay – File Name – Browse • Header / Footer Options • Restore Defaults
Advanced tab	<ul style="list-style-type: none"> • Items • Settings for • Font Settings • Restore Defaults

■ Printing on Custom Size Paper

This section explains how to print on custom size paper using the print driver.

The way to load custom size paper is the same as the one to load standard size paper.

See also:

- "Loading Print Media in the Standard 150 Sheet Tray" on page 77

For information on PostScript 3 Compatible driver printing for Mac OS X, refer to the PostScript 3 Compatible User Guide.

Defining Custom Paper Sizes

Before printing, set the custom size on the print driver.

NOTE:

- When setting the paper size on the print driver, be sure to specify the same size as the actual print media used. Setting the wrong size for printing can cause printer failure. This is especially true if you configure a bigger size when using a narrow width paper.

• Using the Windows Print Driver

On the Windows print driver, set the custom size in the **Custom Paper Size** dialog box. There are two ways to access the **Custom Paper Size** dialog box. This section explains the procedures using Windows 7 as an example. An administrator's password only allows users with administrator rights to change the settings. Users without administrator rights can only view the contents.

- 1 Click **Start** → **Devices and Printers**.
- 2 Right-click the printer, and then select **Printer properties**.
- 3 Select the **Configuration** tab.
- 4 Select **Custom Paper Size**.
- 5 Select a name to customize from the **Details** list.
- 6 Specify the length of the short edge and long edge under **Change Setting For**.
You can specify the values either by entering them directly or using the up arrow and down arrow buttons. The length of the short edge cannot be longer than the long edge even if it is within the specified range. The length of the long edge cannot be shorter than the short edge even if it is within the specified range.
- 7 To assign a paper name, select the **Name the Paper Size** check box, and then enter the name in **Paper Name**. Up to 24 characters can be used for the paper name.
- 8 If necessary, repeat steps 5 to 7 to define another custom size.
- 9 Click **OK** twice.

Printing on Custom Size Paper

Use the following procedures to print using the Windows print driver.

• Using the Windows Print Driver

This section explains the procedure using Windows 7 as an example.

NOTE:

- The way to display the printer **Properties/Printing Preferences** dialog box differs according to the application software. Refer to the manual of your respective application software.

- 1 From the application menu, select **Print**.
- 2 Select your printer and click **Preferences**.
- 3 Select the **Paper/Output** tab.
- 4 From **Paper Size**, select the size you want to print on.

See also:

- "Defining Custom Paper Sizes" on page 90

- 5 Click **OK**.
- 6 Click **Print** in the **Print** dialog box to start printing.

■ Checking Status of Print Job

Checking Status via the SimpleMonitor (Windows Only)

You can check the printer status and print job status with the SimpleMonitor.

See also:

- "SimpleMonitor (Windows Only)" on page 26

For more information about the SimpleMonitor, see Help:

The following procedure uses Windows 7 as an example.

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **SimpleMonitor-Ctype for Asia-Pacific**.

The window to select a printer appears.

- 2 Click the name of the desired printer from the list.

The **Printer Status** window appears.

- 3 Select **Help**.

Checking Status via the CentreWare Internet Services

You can check the status of the print job sent to the printer at the **Jobs** tab of the CentreWare Internet Services.


See also:

- "CentreWare Internet Services" on page 24

■ Printing With Wi-Fi Direct

This section provides information for Wi-Fi Direct[®] printing. Wi-Fi Direct allows your Wi-Fi[®] mobile devices such as computers, smart phones, and tablets, to connect to the printer directly via a Wi-Fi network. With Wi-Fi Direct, you can print documents, photos, or e-mail on your Wi-Fi mobile devices directly without a wireless access point.







NOTE:

- Wi-Fi Direct supports only IPv4 connection.
- Only printing function is available via the Wi-Fi Direct network.
- The maximum number of devices that can be connected via the Wi-Fi Direct network is one.
- You cannot connect your mobile device to the Internet via the printer's Wi-Fi Direct network.
- Depending on the device, the channel used to connect the device to the printer via Wi-Fi Direct may differ from the channel used by the printer to connect to a network via Wi-Fi infrastructure mode. In such a case, simultaneous connection with Wi-Fi Direct and Wi-Fi infrastructure mode may not work properly.
- The printer connected with Wi-Fi Direct supports the following protocols; LPD, Port9100, WSD (Web Services on Devices) (print), Bonjour (mDNS), SNMPv1/v2c, CentreWare Internet Services.
- The  (**Wi-Fi**) LED lights up or blinks to indicate the printer's Wi-Fi Direct connection status. For more information, see "Status of Wi-Fi LED" on page 18.

Setting Up Wi-Fi Direct



To use Wi-Fi Direct, you need to first set up the Wi-Fi Direct settings from the operator panel of the printer. To connect the mobile device to the printer via Wi-Fi Direct, you need to operate the mobile device to establish connection.

• Setting Up the Printer



- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Network`, and then press the  button.
- 4 Select `Wi-Fi Direct Setup`, and then press the  button.
- 5 Select `Wi-Fi Direct`, and then press the  button.
- 6 Select `Enable`, and then press the  button.

When you use a Wi-Fi Direct certified mobile device (including the device with the Wi-Fi Direct PIN function), proceed to step 9.



When you use a mobile device that is not Wi-Fi Direct certified, or mobile device with WPS-PBC (Wi-Fi Protected Setup™-Push Button Configuration), WPS-PIN (Wi-Fi Protected Setup-Personal Identification Number), proceed to step 7.


- 7 Select `Group Role`, and then press the  button.
- 8 Select `Group Owner`, and then press the  button.

For a mobile device with WPS-PBC

- a Select `WPS Setup`, and then press the  button.
- b Select `PBC`, and then press the  button.
The printer is ready to use the WPS-PBC connection.

For a mobile device with WPS-PIN

- a Select `WPS Setup`, and then press the  button.
- b Select `PIN Code`, and then press the  button.
The printer is ready to use the WPS-PIN connection.

- 9 Select `Connection Status`, and then press the  button.
- 10 Confirm no device is connected with the Wi-Fi Direct connection.

NOTE:

- When other device is connected (the mobile device name is displayed on `Connection Status`), you cannot use the Wi-Fi Direct connection. Disconnect the other device from the Wi-Fi Direct network. For details, see "Disconnecting Wi-Fi Direct Network" on page 95.

The printer is ready to use the Wi-Fi Direct connection.

• Connecting a Wi-Fi Direct Certified Mobile Device

The following is a typical procedure for connecting a mobile device to the printer using Wi-Fi Direct. The procedure varies depending on the mobile device you are using. Refer to the manual provided with your mobile device.

- 1 From the mobile device, start the procedure to connect using Wi-Fi Direct.
- 2 Accept the invitation for Wi-Fi Direct connection displayed on the LCD panel of the printer.

NOTE:

- If you want to change the printer's group role of the Wi-Fi Direct network, select `Group Role` under the `Wi-Fi Direct Setup` menu.

• Connecting a Wi-Fi Direct Certified Mobile Device With PIN Code








The following is a typical procedure for connecting a mobile device to the printer using Wi-Fi Direct PIN code. The procedure varies depending on the mobile device you are using. Refer to the manual provided with your mobile device.

NOTE:

- Before you connect the mobile device to the printer, confirm that `WPS Setup` is set to `PIN Code`.

- 1 From the mobile device, start the procedure to connect using Wi-Fi Direct PIN code. The PIN code is displayed on the LCD panel of the printer.
- 2 Input the PIN code displayed on the LCD panel to the mobile device.

• Connecting a Mobile Device That Is not Wi-Fi Direct Certified

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Network`, and then press the  button.
- 4 Select `Wi-Fi Direct Setup`, and then press the  button.
- 5 Select `SSID`, and then press the  button.
- 6 Confirm the SSID of the printer.
- 7 Select `PassPhrase`, and then press the  button.
- 8 Select `Show Passphrase`, and then press the  button.
- 9 Confirm the passphrase of the printer.

NOTE:

- To confirm the printer's SSID and passphrase, you can also print the list by selecting `Print Passphrase` under the `PassPhrase` menu.

- 10 Connect the mobile device to the Wi-Fi Direct network.
For Windows 8, Windows 8.1, Windows RT, and Windows RT 8.1

- a Tap **Settings** in the **PC settings menu**.
- b Tap the Wi-Fi icon.
- c Tap the printer's SSID, and then tap **Connect**.
- d Enter the passphrase, and then tap **Next**.
The mobile device will connect to the printer.

For Windows 7

- a Click the network icon on the taskbar.
- b Click the printer's SSID, and then click **Connect**.
- c Enter the passphrase, and then click **OK**.
- d Click **Cancel** to exit the **Set Network Location** window.
The mobile device will connect to the printer.

For Windows Vista

- a Click **Start** → **Connect To**.
- b Click the printer's SSID.
- c Enter the passphrase, and then click **Connect**.
The mobile device will connect to the printer.

For iOS

- a Tap **Settings** → **Wi-Fi**.
- b Tap the printer's SSID.
- c Enter the passphrase, and then tap **Join**.

The mobile device will connect to the printer.

For Android™

The procedure varies depending on the mobile device you are using. Refer to the manual provided with your mobile device.

11 Install the printer on the mobile device.

For Windows 8, Windows 8.1, Windows RT, and Windows RT 8.1

- a Tap **Devices** in the **PC settings** menu.
- b Tap **Add a device** in the **Devices** sub-menu.
- c Tap **DIRECT-XXXXX**.

The printer is ready for use.

For Windows Vista and Windows 7

You need to install the print driver on the mobile device. For details, see "Configuring Printer and Installing Software on Windows" on page 42.

For iOS

You need to install the printing application such as Print Utility for iOS, and then the printer is ready for use.

For Android

You need to install the printing application such as Fuji Xerox Print Utility for Android, and then the printer is ready for use.

• Connecting a Mobile Device With WPS-PBC and WPS-PIN







The following is a typical procedure for connecting a mobile device to the printer using WPS-PBC or WPS-PIN. The procedure varies depending on the mobile device you are using. Refer to the manual provided with your mobile device.

- 1 From the mobile device, start the procedure to connect using the WPS-PBC or WPS-PIN.
The procedure varies depending on the mobile device you are using. Refer to the manual provided with your mobile device.
- 2 Accept the invitation for Wi-Fi Direct connection displayed on the LCD panel of the printer.

Printing via Wi-Fi Direct

The printing procedure varies depending on the mobile device you are using. Refer to the manual provided with your mobile device to print as you normally do from the device.

Disconnecting Wi-Fi Direct Network

- 1 Press the  (**Menu**) button.
- 2 Select **Admin Setting**, and then press the  button.
- 3 Select **Network**, and then press the  button.
- 4 Select **Wi-Fi Direct Setup**, and then press the  button.
- 5 Select **Connection Status**, and then press the  button.
- 6 Press the  button to select the device name.

- 7 Select `Disconnect` or `Reset Passphrase`, and then press the **OK** button.

NOTE:

- If the mobile device automatically reconnects to the printer, select `Reset Passphrase`. The device is successfully disconnected.

Resetting the Passphrase

- 1 Press the **Menu** button.
- 2 Select `Admin Settings`, and then press the **OK** button.
- 3 Select `Network`, and then press the **OK** button.
- 4 Select `Wi-Fi Direct Setup`, and then press the **OK** button.
- 5 Select `Connection Status`, and then press the **OK** button.
- 6 Press the **OK** button to select the device name.
- 7 Select `Reset Passphrase`, and then press the **OK** button.
- 8 Select `Start`, and then press the **OK** button.

The Wi-Fi Direct is disconnected and the passphrase is reset.

You can also reset the passphrase from the following steps.

- 1 Press the **Menu** button.
- 2 Select `Admin Setting`, and then press the **OK** button.
- 3 Select `Network`, and then press the **OK** button.
- 4 Select `Wi-Fi Direct Setup`, and then press the **OK** button.
- 5 Select `Passphrase`, and then press the **OK** button.
- 6 Select `Reset Passphrase`, and then press the **OK** button.
- 7 Select `Start`, and then press the **OK** button.

The Wi-Fi Direct is disconnected and the passphrase is reset.

■ Mobile Printing

This printer supports printing from a variety of mobile devices using the Print Utility for Android or Print Utility for iOS.

For Android OS, download for free from Google Play™, or please visit our online support at <http://www.fxap.com.sg/product/productDescription.jsp?id=174>

For iOS, download for free from App Store, or please visit our online support at <http://www.fxap.com.sg/product/productDescription.jsp?id=166>

■ Printing With AirPrint



This section provides information for printing with AirPrint. AirPrint allows you to print through a network with iPad (all models), iPhone (3GS or later), and iPod touch (3rd generation or later) running the latest version of iOS. AirPrint also allows you to accomplish basic network printing with Macintosh (Mac OS X 10.7 or later) without installing additional drivers.

Setting Up AirPrint on Your Printer

To use AirPrint, Bonjour (mDNS) and IPP protocols are required on your printer. Make sure that `Bonjour (mDNS)` and `IPP` are set to `Enable` on the operator panel menu. For details, see "Protocol" on page 108. `Bonjour (mDNS)` and `IPP` can also be enabled by selecting the **Enabled** check box for **Enable AirPrint** from the CentreWare Internet Services. Follow the procedure below to configure the environment settings for AirPrint from the CentreWare Internet Services.

- 1 Confirm that the printer is connected to the network.
- 2 Launch the CentreWare Internet Services by entering the IP address of the printer in your web browser.
- 3 Click the **Properties** tab.
- 4 In the left navigation panel, scroll down to **Protocol Settings** and click **AirPrint**.
- 5 Select the **Enabled** check box for **Enable AirPrint**.


NOTE:

- If the **Enabled** check box is not active, it means that both `Bonjour (mDNS)` and `IPP` are already set to `Enable` on the operator panel menu and the printer is ready for AirPrint.


- 6 Click **Apply**.
- 7 Click **Reboot Machine** to restart the printer.
The printer is ready for AirPrint.

Printing via AirPrint

The following procedure uses the iPhone running iOS 7 as an example.

- 1 Open your e-mail, photo, web page, or document you want to print.
- 2 Tap the action icon .
- 3 Tap **Print**.
- 4 Select your printer and set printer options.
- 5 Tap **Print**.

NOTE:

- To cancel the printing job, double-click the **Home** button, tap the **Print Center** icon . If there are more than one job in the queue, select the job you want to cancel, then tap **Cancel Printing**.

■ Printing With Google Cloud Print

This section provides information for Google Cloud Print™ service with your smart phone, tablet, or any other device. By registering the printer to your Google™ account, you can use the Google Cloud Print service to print from various devices connected to the Internet. You can print documents, photos or e-mails using the Google Chrome™ browser or applications such as Google Drive™ on your mobile device. For more information about Google Cloud Print, visit the Google web site.

Preparing to Use the Printer with Google Cloud Print







To use Google Cloud Print, you need to prepare the following in advance:

- Connect the printer to a network that has access to the Internet.

NOTE:

- Google Cloud Print supports only IPv4 connection.
- If the printer is connected to a network that uses a proxy server, you need to specify the settings in Proxy Server from the CentreWare Internet Services. For more information, see "CentreWare Internet Services" on page 24.
- Acquire a Google account and a Gmail™ address.
- Set `Google Cloud Print` to `Enable` from the operator panel menu, or set **GCP** to **Enabled** from the CentreWare Internet Services.

• When using the operator panel

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Setting`, and then press the  button.
- 3 Select `Network`, and then press the  button.
- 4 Select `Protocol`, and then press the  button.
- 5 Select `Google Cloud Print`, and then press the  button.
- 6 Select `Enable`, and then press the  button.
- 7 Turn off the printer, and turn it on again to apply the settings.

• When using the CentreWare Internet Services

- 1 Launch the CentreWare Internet Services by entering IP address of the printer in your web browser. For more information, see "CentreWare Internet Services" on page 24.
- 2 Click the **Properties** tab.
- 3 In the left navigation panel, click **Port Status**.
- 4 Select the **Enabled** check box for **GCP**.
- 5 Click **Apply**.
- 6 Click **Reboot Machine** to restart the printer.
The printer is ready for Google Cloud Print.

Registering the Printer to Your Google Account

To register the printer to your Google account, follow the procedure below.

- 1 Launch the CentreWare Internet Services by entering IP address of the printer in your web browser. For more information, see "CentreWare Internet Services" on page 24.
- 2 Click the **Properties** tab.
- 3 In the left navigation panel, scroll down to **Protocol Settings** and click **Google Cloud Print**.
- 4 Click **Register This Device to Google Cloud Print**.
A sheet with a URL for the Google Cloud Print printer registration web site is printed.
- 5 From the web browser of your computer, visit the Google web site and sign in with your Google account. Visit the Google Cloud Print registration web site by entering the URL on the printout into your web browser. You can also visit the site by scanning the QR code with your mobile device.

- 6 On the Google Cloud Print registration web site, click **Finish printer registration**.
- 7 Click **Manage your printers**. Your printer will be listed in the **Printers** list and will be ready for use with the Google Cloud Print service.

Printing via Google Cloud Print

The printing procedure varies depending on the application or the device you are using. You can see the application list that supports Google Cloud Print service on the Google web site.



• Printing From an Application on a Mobile Device

The following procedure uses the Google Drive application on an Android mobile device as an example.

- 1 Install the Google Drive application on your mobile device.



NOTE:

- You can download the application from Google Play.

- 2 Access the Google Drive application from your mobile device and tap  to select the document.
- 3 Tap  and then tap **Print**.
- 4 Select your printer from the list.
- 5 Select printer options and then tap **Print**.

• Printing From Google Chrome

The following procedure uses the Google Chrome browser on a Windows PC as an example.

- 1 Open the Google Chrome browser.
- 2 Open the web page or e-mail that you want to print.
- 3 Click  or  (varies depending on the version of the Google Chrome browser) in the top right corner and then click **Print**.
- 4 Click **Change** in the **Destination** area.
- 5 Choose your printer from the Google Cloud Print area.
- 6 Click **Print**.




■ Printing a Report Page

You can print various types of reports and lists. For details on each report and list, see "Report / List" on page 103. This section describes how to print a report page using the System Settings page as an example.

Printing a System Settings Page

To verify detailed printer settings, print a System Settings page.

• Using the Operator Panel

- 1 Press the  (**Menu**) button.
- 2 Select **Report / List**, and then press the  button.
- 3 Select **System Settings**, and then press the  button.
The System Settings page is printed.

• Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

- The window to select a printer appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.

- 2 Click the **Printer Settings Report** tab.
- 3 Select **Reports** from the list at the left side of the page.
The **Reports** page is displayed.
- 4 Click **System Settings**.
The System Settings page is printed.

■ Printer Settings

Using the Operator Panel to Change the Printer Settings

You can select menu items and corresponding values from the operator panel.





When you first browse through the menus from the operator panel, you see the default menu setting for the menu item on the second line. These settings are the original printer settings.

When you select a new value or setting in the menu item, the newly selected value or setting is displayed to indicate the current user setting.

NOTE:





- Factory defaults may vary for different regions.
- These settings are active until new ones are selected or the factory defaults are restored.
- The print driver settings may have precedence over the settings made on the operator panel.

To select a new value as a setting:

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select the desired menu, and then press the  button.
- 4 Select the desired menu or menu item, and then press the  button.
 - If a menu is selected, the menu is opened and the first menu item in the menu appears.
 - If a menu item is selected, the default menu setting for the menu item appears.

Each menu item has a list of values for the menu item. A value can be:

- A phrase or word to describe a setting
- A numerical value that can be changed
- An On or Off setting

- 5 Select the desired value.
- 6 Press the  button.
This enables the setting value, and it appears as the first menu item in the menu.
- 7 Press the  (**Back**) or  button to return to the previous menu.
To continue setting other items, select the desired menu. To quit setting new values, press the  (**Menu**) button to return to the top screen of the Menu mode.

Using the Printer Setting Utility to Change the Printer Settings (Windows Only)

You can select menu items and corresponding values from the Printer Setting Utility.

The following procedure uses Windows 7 as an example.

NOTE:

- Factory defaults may vary for different regions.
- These settings are active until new ones are selected or the factory defaults are restored.
- The print driver settings may have precedence over the settings made on the Printer Settings Utility.

To select a new value as a setting:

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

- The window to select a printer appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility appears.

- 2 Click the **Printer Maintenance** tab.

- 3 Select the desired menu item.

Each menu item has a list of values for the menu item. A value can be:


- A phrase or word to describe a setting
- A numerical value that can be changed
- An On or Off setting

- 4 Select the desired value, and then click **Apply New Settings** or **Restart printer to apply new settings**.

Using the Operator Panel Menus

- "Understanding the Printer Menus" on page 103
- "Panel Lock Function" on page 122
- "Setting the Time for the Power Saver Mode" on page 123
- "Resetting to Factory Defaults" on page 124

Understanding the Printer Menus

This section describes menu options that can be accessed by pressing the  (**Menu**) button on the operator panel.


NOTE:

- The access to the operator panel menus can be limited with a password by enabling the Panel Lock function. For more information, see "Panel Lock Function" on page 122.

■ Report / List

Use `Report / List` to print various types of reports and lists.

NOTE:

- A password is required to enter the operator panel menus when `Panel Lock Set` is set to `Enable`. In this case, enter the password you specified, and press the  button.

System Settings

Purpose:

To print a list of the information such as the printer name, serial number, and print volume.

Network settings are also printed.

Panel Settings

Purpose:

To print a detailed list of all the settings on the operator panel menus.

Job History

Purpose:

To print a detailed list of the jobs that have been processed. This list contains the last 50 jobs.

Error History

Purpose:

To print a detailed list of paper jams and fatal errors.

Demo Page

Purpose:

To print a test page.

PCL Fonts List

Purpose:

To print a sample of the available PCL fonts.

PS Fonts List

Purpose:

To print a sample of the available PS fonts.

Stored Documents

NOTE:

- Stored Documents feature is available only when `RAM Disk` under `System Settings` is set to `On`.

Purpose:

To print a list of all files stored for Secure Print in the RAM disk.

■ Meter Readings

Use `Meter Readings` to check the total number of printed pages.


Values:

Meter 1	Displays the total number of color prints.
Meter 2	Displays the total number of monochrome prints.
Meter 3	Always shows 0 on your printer.
Meter 4	Displays the total number of color and monochrome prints (Meter 1 + Meter 2).

■ Admin Menu

Use `Admin Menu` to configure a variety of printer features.

NOTE:

- A password is required to enter the operator panel menus when `Panel Lock Set` is set to `Enable`. In this case, enter the password you specified, and then press the  button.

Network

Use the `Network` menu to change the printer settings affecting jobs sent to the printer through the wired or wireless network.

NOTE:

- The value marked by an asterisk (*) is the factory default setting.

• Ethernet

Purpose:

To specify the communication speed and the duplex settings of Ethernet. The change becomes effective after the printer is turned off and then on.

Values:

Auto*	Detects the Ethernet settings automatically.
10BASE-T Half	Uses 10base-T half-duplex.
10BASE-T Full	Uses 10base-T full-duplex.
100BASE-TX Half	Uses 100base-TX half-duplex.
100BASE-TX Full	Uses 100base-TX full-duplex.

NOTE:

- This item is displayed when the Ethernet cable is connected or `Wi-Fi` is set to `Off`.

• Wi-Fi Status

Purpose:

To display the information on the wireless signal strength. No changes can be made on the operator panel to improve the status of the wireless connection.

Values:

Good	Indicates good signal strength.
Acceptable	Indicates marginal signal strength.
Low	Indicates insufficient signal strength.
No Reception	Indicates that no signal is received.

NOTE:

- This item is displayed when the Ethernet cable is disconnected and Wi-Fi is set to On.

• Wi-Fi Setup

Purpose:

To configure the wireless network interface. The printer automatically searches and list available access points.

Select one of the access points, and enter a passphrase or WEP key to complete the wireless setup. You can also specify and configure the wireless network manually.

Values:

Select Access	Select the access point from the list. The access points are listed starting with the one in the best communication condition.		
	WEP Key	When you select an access point using WEP as the security method, enter the WEP key. For 64bit keys, enter 10 hexadecimal characters. For 128bit keys, enter 26 hexadecimal characters.	
	PassPhrase Entry	When you select an access point using WPA™ (Wi-Fi Protected Access®) or WPA2™, or Mixed as the encryption type, enter the passphrase of 8 to 63 alphanumeric (or 8 to 64 hexadecimal) characters.	
Manual Setup	Enter NetworkSSID	Specify a name to identify the wireless network. Up to 32 alphanumeric characters can be entered.	
	Infrastructure	Select to configure the wireless settings through the access point such as a wireless router.	
	No Security	Select to configure the wireless settings with no encryption settings.	
	Mixed Mode PSK	Select to configure the wireless settings with the Mixed Mode PSK encryption. Mixed Mode PSK automatically selects the encryption type from either WPA-PSK-AES or WPA2-PSK-AES.	
		PassPhrase Entry	Specify the passphrase of 8 to 63 alphanumeric (or 8 to 64 hexadecimal) characters.
	WPA2-PSK-AES	Select to configure the wireless settings with the WPA2-PSK-AES encryption.	
		PassPhrase Entry	Specify the passphrase of 8 to 63 alphanumeric (or 8 to 64 hexadecimal) characters.
	WEP	Select to configure the wireless settings with the WEP encryption.	
	WEP Key	Specify the WEP key to use through the wireless network. For 64bit keys, enter 10 hexadecimal characters. For 128bit keys, enter 26 hexadecimal characters.	
	Transmit Key	Select a transmit key from WEP Key 1, WEP Key 2, WEP Key 3, and WEP Key 4.	

Ad-hoc	Select to configure the wireless settings without the access point such as a wireless router.
No Security	Select to configure the wireless settings with no encryption settings.
WEP	Select to configure the wireless settings with the WEP encryption.
WEP Key	Specify the WEP key to use through the wireless network. For 64bit keys, enter 10 hexadecimal characters. For 128bit keys, enter 26 hexadecimal characters.
Transmit Key	Select a transmit key from WEP Key 1, WEP Key 2, WEP Key 3, and WEP Key 4.

NOTE:

- This item is displayed when the Ethernet cable is disconnected and Wi-Fi is set to On.

• WPS Setup

Purpose:

To configure the wireless network using Wi-Fi Protected Setup™ (WPS).


Values:

PBC	Configures the wireless settings with WPS-PBC ^{*1} .	
PIN Code	Start Configuration	Configures the wireless settings using WPS-PIN ^{*2} assigned automatically by the printer.
	Print PIN Code	Prints the PIN code. Confirm it when you enter the PIN code to your computer.

^{*1} WPS-PBC stands for Wi-Fi Protected Setup-Push Button Configuration.

^{*2} WPS-PIN stands for Wi-Fi Protected Setup-Personal Identification Number.

NOTE:

- Instead of selecting PBC, you can also start WPS-PBC by pressing and holding the  (WPS) button.
- WPS 2.0 compliant. WPS 2.0 works on access points with the following encryption types: Mixed Mode PSK, WPA-PSK-AES, WPA2-PSK-AES, Open (No Security)
- This item is displayed when the Ethernet cable is disconnected and Wi-Fi is set to On.

• Wi-Fi Direct Setup

Purpose:

To configure the Wi-Fi Direct® settings.

Values:

Wi-Fi Direct	Disable*	Disables the Wi-Fi Direct connection.	
	Enable	Enables the Wi-Fi Direct connection.	
Group Role	Group Owner*	Sets your printer as the group owner for Wi-Fi Direct.	
	Auto	Automatically resolves the group role for Wi-Fi Direct.	
Device Name	Displays the printer name.		
Connection Status	No Entry	Indicates that no device is available.	
	Device name	Disconnect	Disconnects the connected device when using Wi-Fi Direct.
		Reset Passphrase	Disconnects the connected device and reset passphrase when using Wi-Fi Direct.
	Current Role	Displays the current role of the printer.	
	Current SSID	Displays the current SSID of the connected wireless network.	
SSID	EnterNetworkSSID	Displays SSID of the printer. You can specify the name to identify the wireless network.	

PassPhrase	Show Passphrase	Displays the passphrase. Confirm it when you enter the passphrase to your mobile device.
	Print Passphrase	Prints the passphrase. Confirm it when you enter the passphrase to your mobile device.
	Reset Passphrase	Resets the passphrase.
WPS Setup	PBC	Configures the Wi-Fi Direct settings with the security method of WPS-PBC.
	PIN Code	Configures the Wi-Fi Direct settings using the PIN code to your mobile device.
PIN Code ^{*1}	Print PIN Code	Prints the PIN code. Confirm it when you enter the PIN code to your mobile device.
	Reset PIN Code	Resets the PIN code.

^{*1} This item is displayed when Wi-Fi Direct is set to Enable and WPS Setup is set to PIN Code.

NOTE:

- This item is displayed when the Ethernet cable is disconnected and Wi-Fi is set to On.

• Reset Wi-Fi

Purpose:

To reset the wireless connection settings. After executing this function, all information about the access point is cleared.

NOTE:

- This item is displayed when the Ethernet cable is disconnected and Wi-Fi is set to On.

• TCP/IP

Purpose:

To configure TCP/IP settings. The change becomes effective after the printer is turned off and then on.

Values:

IP Mode	Dual Stack [*]	Uses both IPv4 and IPv6 to set the IP address.	
	IPv4	Uses IPv4 to set the IP address.	
IPv4 Ethernet/ IPv4 Wi-Fi	Get IP Address	DHCP/AutoIP [*]	Automatically sets the IP address.
		BOOTP	Uses BOOTP to set the IP address.
		RARP	Uses RARP to set the IP address.
		DHCP	Uses DHCP to set the IP address.
		Panel	Enables the IP address entered on the operator panel.
	IP Address	Manually sets the IP address allocated to the printer.	
	Subnet Mask	Manually sets the subnet mask.	
	Gateway Address	Manually sets the gateway address.	
IPv4 Wi-Fi Direct	IP Address	Displays the IPv4 address allocated to the printer when using Wi-Fi Direct.	
	Subnet Mask	Displays the subnet mask when using Wi-Fi Direct.	
IPsec ^{*1}	Disable [*]	Disables the IPsec.	
	Enable	Enables the IPsec.	

^{*1} This item is displayed when the IPsec is enabled on the CentreWare Internet Services.

NOTE:

- To set an IP address for IPv6 in Dual Stack mode, use the CentreWare Internet Services. For more information, refer to the online Help on the CentreWare Internet Services.

• Protocol

Purpose:

To enable or disable each protocol. The change becomes effective after the printer is turned off and then on.

Values:

LPD	Enable*	Enables the LPD port.
	Disable	Disables the Line Printer Daemon (LPD) port.
Port 9100	Enable*	Enables the Port 9100 port.
	Disable	Disables the Port 9100 port.
IPP* ¹	Enable*	Enables IPP.
	Disable	Disables IPP.
WSD (Web Services on Devices)	Enable*	Enables the Web Services on Devices (WSD) port.
	Disable	Disables the Web Services on Devices (WSD) port.
SNMP v1/v2c	Enable*	Enables SNMP v1/v2c.
	Disable	Disables SNMP v1/v2c.
Status Messenger	Enable*	Enables Status Messenger.
	Disable	Disables Status Messenger.
Internet Services	Enable*	Enables Internet Services.
	Disable	Disables Internet Services.
Bonjour (mDNS)	Enable*	Enables Bonjour (mDNS).
	Disable	Disables Bonjour (mDNS).
HTTP-SSL/TLS* ²	Enable*	Enables HTTP-SSL/TLS.
	Disable	Disables HTTP-SSL/TLS.
Google Cloud Print	Disable*	Disables Google Cloud Print™.
	Enable	Enables Google Cloud Print.

*¹ To add a printer using an IPP port on Windows®, insert port number "631" in the URL of the printer.
For example: [http:// \[Printer's IP address\]:631/ipp](http://[Printer's IP address]:631/ipp)

*² HTTP-SSL/TLS is displayed when a digital certificate is created using the CentreWare Internet Services. For details about creating a digital certificate, see the Help on the CentreWare Internet Services.

• IP Filter

Purpose:

To block data received from certain IP addresses through the wired or wireless network. You can set up to five IP addresses.

Values:

No. n/Address (n is 1 – 5.)	Sets the IP address for Filter n.	
No. n/Mask (n is 1 – 5.)	Sets the address mask for Filter n.	
No. n/Mode (n is 1 – 5.)	Off*	Disables the feature for Filter n.
	Accept	Accepts an access from the specified IP address.
	Reject	Rejects an access from the specified IP address.

NOTE:

- This item is only available for LPD or Port 9100.

• Initialize NVM

Purpose:

To initialize the network settings stored in the NVM (non-volatile memory). After executing this function and rebooting the printer, all network settings are reset to their default values.

• PS Data Format

Purpose:

To specify the PostScript 3 Compatible communication protocol for a parallel interface, you can configure the `PS Data Format` settings for the wired network. The change becomes effective after the printer is turned off and then on again.

Values:

Auto*	Sets the PostScript 3 Compatible communications protocol automatically.
Standard	Sets the PostScript 3 Compatible communications protocol to Standard.
BCP	Sets the PostScript 3 Compatible communications protocol to BCP.
TBCP	Sets the PostScript 3 Compatible communications protocol to TBCP.

• Wi-Fi

Purpose:

To enable the wireless connection. The change becomes effective after the printer is turned off and then on.

Values:

On*	Enables the wireless connection.
Off	Disables the wireless connection.

NOTE:

- This item is displayed only when the Ethernet cable is disconnected.
- When you use the USB connection and do not use the wireless connection, you need to set `Wi-Fi` to `Off`.

System Settings

Use the `System Settings` menu to specify the various basic settings for the printer.

NOTE:

- The value marked by an asterisk (*) is the factory default setting.

• Power Saver Timer


Purpose:

To specify the time for transition to the power saver mode.

Values:

Low Power Timer	5min* 5 - 30min	Specifies the time taken by the printer to enter the low power mode after it finishes a job.
Sleep Timer	6min* 1 - 6min	Specifies the time taken by the printer to enter the sleep mode after it has entered the low power mode.

Select 5min (default) for Low Power Timer if your printer shares an electrical circuit with your room lights and you notice them flickering. Otherwise, select a high value to keep your printer available for frequent use with the minimum warm-up time.

The printer automatically returns to the standby mode from the power saver mode when it receives data from the computer. In Low Power Timer, you can also change the status of the printer to the standby mode by pressing any button on the operator panel. In Sleep Timer, you can change the status of the printer to the standby mode by pressing the  (**Power Saver**) button on the operator panel.

• Auto Reset

Purpose:

To specify the time for the printer to automatically return to the standby mode. When the setting is not complete in the specified time, the previous setting is restored.

Values:

45sec*
1min
2min
3min
4min

• Fault Timeout

Purpose:

To specify the time taken by the printer before it cancels jobs that stop abnormally. The print job is canceled if it times out.

Values:

On	60sec* 3 - 300sec	Specifies the time taken by the printer before it cancels for jobs that stop abnormally.
Off		Disables the fault timeout.

• Job Timeout

Purpose:

To specify the amount of time that the printer waits for data to arrive from the computer. The print job is canceled if it times out.

Values:

On	30sec* 5 - 300sec	Specifies the amount of time that the printer waits for data to arrive from the computer.
Off		Disables the job timeout.

• mm / inch

Purpose:

To specify the measurement unit displayed after the numeric value on the operator panel.

Values:

Millimeters (mm) *	Selects millimeter as the measurement unit.
Inches (")	Selects inch as the measurement unit.

• LowTonerAlertMsg

Purpose:

To specify whether to show the alert message when the toner is low.

Values:

On*	Shows the alert message when the toner is low.
Off	Does not show the alert message when the toner is low.

• PaperSizeMismatch

Purpose:

To specify whether to use paper of a different size when the paper that is loaded in the standard 150 sheet tray does not match the paper size settings for the current job.

Values:

On (except A4/Ltr) *	Shows the alert message except for the time A4 size paper is loaded in the tray and Letter size is set for the current job and for the other way around.
Off	No tray size substitute accepted.
On	Shows the alert message when the paper size loaded in the tray is different from the paper size set for the current job.

• RAM Disk

Purpose:

To allocate memory to the RAM disk file system for the Secure Print features. The change becomes effective after the printer is turned off and then on again.

Values:

Off*	Does not allocate memory to the RAM disk file system. Secure Print jobs will abort and be recorded to the job log.
On	Sets the allocation of memory to the RAM disk file system.

Maintenance

Use the `Maintenance` menu for maintenance work including initialization of the NVM (non-volatile memory).

NOTE:

- The value marked by an asterisk (*) is the factory default setting.

• F/W Version

Purpose:

To display the version of the controller.

• Adjust Paper Type

Purpose:

To adjust the paper type.

Values:

Plain	Heavyweight*
	Lightweight
Labels	Heavyweight*
	Lightweight

• Adjust BTR

Purpose:

To specify the optimum voltage settings for printing for the transfer roller (BTR). To lower the voltage, set negative values. To increase, set positive values.

The default settings may not give the best output on all paper types. If you see mottles on the print output, try to increase the voltage. If you see white spots on the print output, try to decrease the voltage.

NOTE:

- The print quality changes depending on the values you select for this item.

Values:

Plain	0*
	-3 - 3
Bond	0*
	-3 - 3
Light Card	0*
	-3 - 3
LW Gloss Card	0*
	-3 - 3
Labels	0*
	-3 - 3
Recycled	0*
	-3 - 3
Envelope	0*
	-3 - 3

• Adjust Fusing Unit

Purpose:

To specify the optimum temperature settings for printing for the fusing unit. To lower the temperature, set negative values. To increase, set positive values.

The default settings may not give the best output on all paper types. When the printed paper has curled, try to lower the temperature. When the toner does not fuse on the paper properly, try to increase the temperature.

NOTE:

- The print quality changes depending on the values you select for this item.

Values:

Plain	0*
	-3 - 3
Bond	0*
	-3 - 3
Light Card	0*
	-3 - 3
LW Gloss Card	0*
	-3 - 3
Labels	0*
	-3 - 3
Recycled	0*
	-3 - 3
Envelope	0*
	-3 - 3

• Auto Regi Adjust

Purpose:

To automatically start adjusting color registration.

Values:

On*	Automatically adjusts color registration.
Off	Does not automatically adjust color registration.

• Adjust ColorRegi

Purpose:

To start adjusting color registration when you need.

Color registration adjustments are required when the printer is initially installed and after the printer is moved.

Values:

Auto Adjust	Automatically performs color registration correction.
-------------	-------------------------------------------------------

• Clean Developer

Purpose:

To rotate the developer motor and stir the toner in the toner cartridge.

• Toner Refresh

Purpose:

To use up a toner cartridge when you need to replace it before the end of its life, or to stir the toner in a new toner cartridge.

Values:

Yellow	Cleans the toner in the yellow toner cartridge.
Magenta	Cleans the toner in the magenta toner cartridge.
Cyan	Cleans the toner in the cyan toner cartridge.
Black	Cleans the toner in the black toner cartridge.

• BTR Refresh

Purpose:

To specify whether to execute counter measures for curling/separating discharge of the paper.

Values:

Off*	Does not automatically execute counter measures for curling/separating discharge of the paper.
On	Automatically executes counter measures for curling/separating discharge of the paper.

• Initialize NVM

Purpose:

To initialize NVM for system parameters. After executing this function and rebooting the printer, the menu parameters, except the parameters for the network, are reset to their factory default values.

See also:

- "Resetting to Factory Defaults" on page 124

• Non-Genuine Mode

Purpose:

To use toner cartridges of another manufacturer.

NOTE:

- Using non-genuine toner cartridges may make some printer features unusable, reduce print quality and decrease the reliability of your printer. Fuji Xerox recommends only new Fuji Xerox brand toner cartridges for your printer. Fuji Xerox does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Fuji Xerox.
- Before you use toner cartridges of another manufacturer, be sure to restart the printer.

Values:

Toner	Off*	Does not use toner cartridges of another manufacturer.
	On	Uses toner cartridges of another manufacturer.

• Adjust Altitude

Purpose:

To specify the altitude of the location where the printer is installed.

The discharge phenomenon for charging the photo conductor varies with barometric pressure. Adjustments are performed by specifying the altitude of the location where the printer is being used.

NOTE:

- An incorrect altitude adjustment setting leads to problems such as poor printing quality and incorrect indication of remaining toner.

Values:

0m*	Specifies the altitude of the location where the printer is installed.
1000m	
2000m	
3000m	

• Machine Life



Purpose:

To specify whether to continue print operations when the printer comes to the end of its service life.

Values:

Stop Print*	Stops print operations at the end of service life.
Continue Print	Continues print operations after the end of service life.

NOTE:

- When the printer no longer operates showing the error code 191-310 on the LCD panel, press the  (**Back**) button and the  button at the same time and change the `Machine Life` setting to `Continue Print`. Then, you can keep using the printer.
- Although you can keep using the printer after the end of its service life by changing the setting to `Continue Print`, the printing quality is not guaranteed.

Secure Settings

Use the `Secure Settings` menu to set a password to limit access to the menus. This prevents items from being changed accidentally.

NOTE:

- The value marked by an asterisk (*) is the factory default setting.

• Panel Lock

Purpose:

To restrict access to the operator panel menus and change the password.

See also:

- "Panel Lock Function" on page 122

Values:

Panel Lock Set	Disable*	Does not restrict access to the operator panel menus.
	Enable	Restricts access to the operator panel menus with a password.
Change Password* ¹		Change the password set to access the operator panel menus.

¹ This item is displayed when Panel Lock Set is set to Enable.

• Software Download

Purpose:

To enable or disable download of firmware updates.

Values:

Enable*	Enables firmware updates.
Disable	Disables firmware updates.

• Show Network Info

Purpose:

To show or hide network information on the LCD panel.

Values:

IP Address*	Shows the IP address of the printer.
Host Name	Shows the host name of the printer.
Hide Information	Does not show network information.

USB Settings

Use the USB Settings menu to change printer settings affecting a USB port.

NOTE:

- The value marked by an asterisk (*) is the factory default setting.

• Port Status

Purpose:

To change the USB settings on your printer.

Values:

Enable*	Enables the USB interface.
Disable	Disables the USB interface.

• PS Data Format

Purpose:

To specify the PostScript 3 Compatible communication protocol for a parallel interface, you can configure the **PS Data Format** settings for the wired network.

Values:

Auto*	Sets the PostScript 3 Compatible communications protocol automatically.
Standard	Sets the PostScript 3 Compatible communications protocol to Standard.
BCP	Sets the PostScript 3 Compatible communications protocol to BCP.
TBCP	Sets the PostScript 3 Compatible communications protocol to TBCP.

PCL Settings

Use the **PCL Settings** menu to change printer settings that only affect jobs using the PCL emulation printer language.

NOTE:

- The value marked by an asterisk (*) is the factory default setting.

• Paper Size

Purpose:

To specify the default paper size.

Values:

A4 - 210x297* ¹			
A5 - 148x210			
B5 - 182x257			
Letter - 8.5x11			
Folio - 8.5x13			
Legal - 8.5x14			
Executive			
#10 Env - 4.1x9.5			
Monarch Env.			
Monarch Env. L			
DL Env - 110x220			
DL Env L			
C5 Env - 162x229			
New Custom Size	Portrait (Y) * ²	297 mm*	Specifies the length of the custom size paper. 127 - 355 mm
		210 mm*	
	Landscape (X) * ²	11.7 inch*	Specifies the length of the custom size paper. 5.0 - 14.0 inch
		8.3 inch*	

¹ The default for Paper Size varies depending on region-specific factory default.

² The item is displayed when mm / inch is set to Millimeters (mm).

³ The item is displayed when mm / inch is set to Inches (").

NOTE:

- Selecting **New Custom Size** for the paper size prompts you to enter a custom length and width.

• Orientation

Purpose:

To specify how text and graphics are oriented on the page.

Values:

Portrait*	Prints text and graphics parallel to the short edge of the paper.
Landscape	Prints text and graphics parallel to the long edge of the paper.

• Font

Purpose:

To specify the default font from the fonts registered in the printer.

Values:

Courier*	AlbertusMd	ITCBookmanDb
CGTimes	AlbertusXb	ITCBookmanLtIt
CGTimesBd	Arial	ITCBookmanDbIt
CGTimesIt	ArialBd	NwCentSchlbkRmn
CGTimesBdIt	ArialIt	NwCentSchlbkBd
CGOmega	ArialBdIt	NwCentSchlbkIt
CGOmegaBd	TimesNew	NwCentSchlbkBdIt
CGOmegaIt	TimesNewBd	Times
CGOmegaBdIt	TimesNewIt	TimesBd
Coronet	TimesNewBdIt	TimesIt
ClarendonCd	Helvetica	TimesBdIt
UniversMd	HelveticaBd	ZapfChanceryMdIt
UniversBd	HelveticaOb	Symbol
UniversMdIt	HelveticaBdOb	SymbolPS
UniversBdIt	HelveticaNr	Wingdings
UniversMdCd	HelveticaNrBd	ZapfDingbats
UniversBdCd	HelveticaNrOb	CourierBd
UniversMdCdIt	HelveticaNrBdOb	CourierIt
UniversBdCdIt	PalatinoRmn	CourierBdIt
AntiqueOlv	PalatinoBd	LetterGothic
AntiqueOlvBd	PalatinoIt	LetterGothicBd
AntiqueOlvIt	PalatinoBdIt	LetterGothicIt
GarmondAntiqua	ITCAvantGardBk	CourierPS
GarmondHlb	ITCAvantGardDb	CourierPSBd
GarmondKrsv	ITCAvantGardBkOb	CourierPSOb
GarmondKrsvHlb	ITCAvantGardDbOb	CourierPSBdOb
Marigold	ITCBookmanLt	Line Printer

• Symbol Set

Purpose:

To specify a symbol set for a specified font.

Values:

PC-8*	PS MATH	WINGDINGS
PC-8 DN	PI FONT	DNGBTSMS
PC-850	LEGAL	ISO-L6
PC-852	ISO-4	PC-1004

PC-8 TK	ISO-6	PC-775
WIN L1	ISO-11	WINBALT
WIN L2	ISO-15	UCS-2
WIN L5	ISO-17	ROMAN-8
DESKTOP	ISO-21	ROMANEXT
MC TEXT	ISO-60	ISO-L1
PS TEXT	ISO-69	ISO-L2
MS PUB	WIN 3.0	ISO-L5
MATH-8	SYMBOL	

• Font Size

Purpose:

To specify the font size for scalable typographic fonts, within the range of 4.00 to 50.00. The default is 12.00. Font size refers to the height of the characters in the font. One point equals approximately 1/72 of an inch.

NOTE:

- The `Font Size` menu is only displayed for typographic fonts.

• Font Pitch

Purpose:

To specify the font pitch for scalable mono spaced fonts, within the range of 6.00 to 24.00. The default is 10.00.

Font pitch refers to the number of fixed-space characters in a horizontal inch of type. For nonscheduled mono spaced fonts, the pitch is displayed, but cannot be changed.

NOTE:

- The `Font Pitch` menu is only displayed for fixed or mono spaced fonts.

• Form Line

Purpose:

To set the number of lines in a page.

Values:

64 ^{*1}	Sets the value in increments of 1.
5 - 128	

^{*1} The default for `Form Line` varies depending on the default paper size.

The printer sets the amount of space between each line (vertical line spacing) based on the `Form Line` and `Orientation` menu items. Select the correct `Form Line` and `Orientation` before changing `Form Line`.

See also:

- "Orientation" on page 117

• Quantity

Purpose:

To specify the number of copies to print.

Values:

1*	Sets the value in increments of 1.
1 - 999	

• Draft Mode

Purpose:

To save toner by printing in the draft mode. The print quality is reduced when you print in the draft mode.

Values:

Disable*	Does not print in the draft mode.
Enable	Prints in the draft mode.

• Line Termination

Purpose:

To add the line termination commands.

Values:

Off*	The line termination command is not added. CR=CR, LF=LF, FF=FF
Carriage Return	The CR command is added. CR=CR, LF=CR-LF, FF=CR-FF
Line Feed	The LF command is added. CR=CR-LF, LF=LF, FF=FF
CR + LF	The CR and LF commands are added. CR=CR-LF, LF=CR-LF, FF=CR-FF

• Output Color

Purpose:

To specify the output color.

Values:

Color*	Prints in the color mode.
Black & White	Prints in the black and white mode.

PS Settings

Use the **PS Settings** menu to change printer settings that only affect jobs using the PostScript 3 Compatible printer language.

NOTE:

- The value marked by an asterisk (*) is the factory default setting.

• PS Error Report

Purpose:

To specify whether to print the contents of PostScript 3 Compatible errors.

Values:

On*	Prints an error message before it discards the job.
Off	Discards the print job without printing an error message.

NOTE:

- Instructions from the PS driver override the settings specified on the operator panel.

• PS Job Timeout

Purpose:

To specify the runtime of one PostScript 3 Compatible job.

Values:

Off*		Job timeout does not occur.
On	$\frac{1\text{min}}{1 - 900\text{min}}$	A PostScript 3 Compatible error occurs if processing is not completed after the specified time.

• Output Color

Purpose:

To specify the output color.

Values:

Color*		Prints in color mode.
Black & White		Prints in black and white mode.

• Image Depth

Purpose:

To specify the image depth setting to 1 bit or 2 bit.

Values:

2 Bit*		Prints in 2 bit color.
1 Bit		Prints in 2 bit color or if you use the other PS driver not provided with this printer, it prints in 1 bit color.

PDF Settings

Use the PDF Settings menu to change printer settings that only affect the PDF jobs.

NOTE:

- The value marked by an asterisk (*) is the factory default setting.

• Quantity

Purpose:

To specify the number of copies to print.

Values:

1*		Sets the value in increments of 1.
	$1 - 999$	

• Print Mode

Purpose:

To specify the print mode.

Values:

Normal*		For documents with normal sized characters.
High Quality		For documents with small characters or thin lines, or documents printed using a dot-matrix printer.

• PDF Password

Purpose:

To specify the password to print the secure PDF.

Values:

PDF Password	Enter the password to print the secure PDF.
--------------	---------------------------------------------

• Output Size

Purpose:

To specify the output paper size for PDF.

Values:

Auto*
A4 - 210x297
A5 - 148x210
B5 - 182x257
Letter - 8.5x11
Folio - 8.5x13
Legal - 8.5x14
Executive

• Layout

Purpose:

To specify the output layout.

Values:

Auto*
100% (No Zoom)
2 Pages Up
4 Pages Up

• Output Color

Purpose:

To specify the output color.







Values:

Color*	Prints in color mode.
Black & White	Prints in black and white mode.



Panel Lock Function

When your printer is configured as a network printer available to a number of users, the access to the operator panel menus can be limited by enabling the Panel Lock function. This prevents unauthorized users from changing the settings made by the administrator. However, you can select settings for individual print jobs using the print driver.








■ Enabling the Panel Lock

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Secure Settings`, and then press the  button.
- 4 Select `Panel Lock`, and then press the  button.
- 5 Select `Panel Lock Set`, and then press the  button.
- 6 Select `Enable`, and then press the  button.








NOTE:

- The factory-default panel password is 0000.
- If you have forgotten your password, turn off the printer. Then, while holding the  (**Menu**) button, turn on the printer. Continue to hold the  (**Menu**) button until the display shows `Please Wait...`. When the printer enters to the top screen of the Menu mode, the password is reset to "0000".

■ Changing the Panel Lock Password

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Enter the current password, and then press the  button.
- 4 Select `Secure Settings`, and then press the  button.
- 5 Select `Panel Lock`, and then press the  button.
- 6 Select `Change Password`, and then press the  button.
- 7 Enter a new password, and then press the  button.

■ Disabling the Panel Lock










- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Enter the password, and then press the  button.
- 4 Select `Secure Settings`, and then press the  button.
- 5 Select `Panel Lock`, and then press the  button.
- 6 Select `Panel Lock Set`, and then press the  button.
- 7 Select `Disable`, and then press the  button.

Setting the Time for the Power Saver Mode

The printer switches to the power saver mode after the specified time.

See also:

- "Power Saver Mode" on page 21







- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `System Settings`, and then press the  button.
- 4 Select `Power Saver Timer`, and then press the  button.
- 5 Select `Low Power Timer` or `Sleep Timer`, and then press the  button.
- 6 Press the  or  button to select the desired value, and then press the  button.
You can select from 5 – 30 minutes for `Low Power Timer` or 1 – 6 minutes for `Sleep Timer`.
- 7 To return to the previous screen, press the  (**Back**) button.

Resetting to Factory Defaults

After executing `Initialize NVM` and rebooting the printer, all the menu parameters are reset to their factory default values.

NOTE:

- The following procedure does not initialize the network settings.
 - To initialize the network settings, refer to "Initialize NVM" on page 108.
 - To reset the wireless connection settings, refer to "Reset Wi-Fi" on page 107.

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Maintenance`, and then press the  button.
- 4 Select `Initialize NVM`, and then press the  button.
- 5 Confirm `System Section` appears, and then press the  button.
- 6 Confirm that `Are you sure?` appears.
- 7 Select `Yes`, and then press the  button.
The printer starts initializing the Non-Volatile Memory (NVM).
- 8 Confirm that `Initializing...` appears and the printer automatically reboots to apply the settings.

Digital Certificates

- "Using Digital Certificates" on page 126

Using Digital Certificates

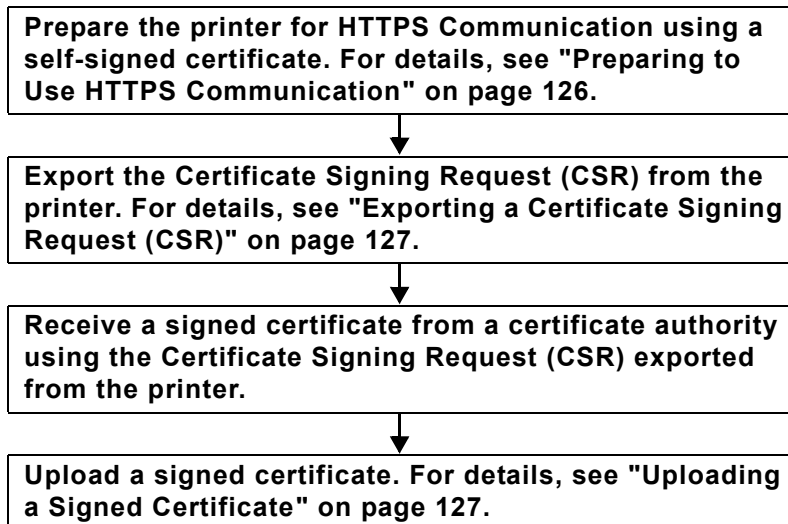
The authentication feature using digital certificates upgrades security when sending print data or setting data. To use digital certificates, set the digital certificate on the printer, and then enable various SSL/TLS communication.

NOTE:

- For information about the digital certificate error, see "Understanding Printer Messages" on page 157 and "Digital Certificate Problems" on page 155.

■ Setting a Digital Certificate

The following is a typical setup flow for setting digital certificates.



Preparing to Use HTTPS Communication

Before managing digital certificates, set HTTPS communication with a self-signed certificate.

- 1 Launch the CentreWare Internet Services by entering IP address of the printer in your web browser. For more information, see "CentreWare Internet Services" on page 24.
- 2 Click the **Properties** tab.
- 3 Click **SSL/TLS Server Communication** under **Security**.
- 4 Click **Create New Certificate**.
The **Generate Certificate** page is displayed.
- 5 Select the size of the public key from the list of **Public Key Size**.
- 6 Specify the issuer of SSL self-signed certificate.
- 7 Click **Generate Certificate**.
Your request was successfully processed. is displayed.
- 8 Click **Back**.
- 9 Select the **Enabled** check box of **SSL/TLS Server Communication**, and then click **Apply**.
Settings have been changed. Reboot system for new settings to take effect. is displayed.
- 10 Click **Reboot Machine**.

Exporting a Certificate Signing Request (CSR)

NOTE:

- To export a CSR from the printer, **SSL/TLS Server Communication** must be enabled with a self-signed certificate. For details, see "Preparing to Use HTTPS Communication" on page 126.
- If you are going to use a PKCS #12 digital certificate, do not export the CSR. The text box to enter the password when uploading the PKCS #12 digital certificate is displayed only when the CSR is not exported.

- 1 Launch the CentreWare Internet Services by entering IP address of the printer in your web browser.
For more information, see "CentreWare Internet Services" on page 24.
- 2 Click the **Properties** tab.
- 3 Click **SSL/TLS Server Communication** under **Security**.
- 4 Click **Certificate Signing Request (CSR)**.
The **Certificate Signing Request (CSR)** page is displayed.
- 5 Specify each item of the certificate signing request.
- 6 Click **Apply**.
- 7 Confirm the settings of the certificate signing request, and then click **Export**.
- 8 Save a CSR file to your computer.
Use this CSR to receive a signed certificate from a trusted certificate authority.

Uploading a Signed Certificate

After you have received the signed certificate from a trusted certificate authority, upload the signed certificate to the printer. You can also upload a PKCS #12 digital certificate that you created without using the CSR from the machine.

NOTE:

- The maximum number of digital certificates that you can upload is one.
- 1 Launch the CentreWare Internet Services by entering IP address of the printer in your web browser.
For more information, see "CentreWare Internet Services" on page 24.
 - 2 Click the **Properties** tab.
 - 3 Click **SSL/TLS Server Communication** under **Security**.
 - 4 Click **Upload Signed Certificate**.
The **Upload Signed Certificate** page is displayed.
 - 5 When uploading a PKCS #12 digital certificate, enter the password that is set on the digital certificate.

NOTE:

- **Password** is displayed only when the CSR is not exported from the printer.
If you are uploading a digital certificate that you received using the CSR from the printer, proceed to step 7.
- 6 Re-enter the password for confirmation.
 - 7 Click **Choose File** of **File Name**, and select the file to be imported.
 - 8 Click **Import**.

■ Managing the Digital Certificate

NOTE:

- To manage digital certificates, you must have a digital certificate set on the printer. For details, see "Setting a Digital Certificate" on page 126.

Confirming the Settings of a Digital Certificate

- 1 Launch the CentreWare Internet Services by entering IP address of the printer in your web browser.
For more information, see "CentreWare Internet Services" on page 24.
- 2 Click the **Properties** tab.
- 3 Click **SSL/TLS Server Communication** under **Security**.
- 4 Click **Certificate Management**.
The **Certificate Management** page is displayed.

Deleting a Digital Certificate

- 1 Launch the CentreWare Internet Services by entering IP address of the printer in your web browser.
For more information, see "CentreWare Internet Services" on page 24.
- 2 Click the **Properties** tab.
- 3 Click **SSL/TLS Server Communication** under **Security**.
- 4 To delete both the signed certificate and the self-signed certificate, click **Delete All Certificates**.
To delete just the digital certificate that is currently in use, proceed to step 5.
- 5 Click **Certificate Management**.
The **Certificate Management** page is displayed.
- 6 Click **Delete** at the upper-right corner.
- 7 Click **Delete**.

NOTE:

- When a digital certificate is deleted, the features associated with the deleted digital certificate are disabled. To delete a digital certificate being used, disable the feature in advance or switch the association to another digital certificate, and then switch to another operation mode if possible before deleting the digital certificate.
For an SSL Server, switch to another certificate such as a self-signed certificate.

■ Setting the SSL/TLS Communication Feature

Setting SSL/TLS Server Communication

Set the SSL/TLS Server Communication to use encrypted communication between HTTP and SMTP servers.

- 1 Launch the CentreWare Internet Services by entering IP address of the printer in your web browser. For more information, see "CentreWare Internet Services" on page 24.
- 2 Click the **Properties** tab.
- 3 Click **SSL/TLS Server Communication** under **Security**.
- 4 Confirm that the **Enabled** check box of **SSL/TLS Server Communication** is displayed.

NOTE:

- If **Disabled** is displayed instead of a check box, the digital certificate is not set. For details, see "Setting a Digital Certificate" on page 126.

- 5 Select the **Enabled** check box of **SSL/TLS Server Communication**.
- 6 Click **Apply**.
Settings have been changed. Reboot system for new settings to take effect. is displayed.
- 7 Click **Reboot Machine**.
After restarting the printer, communication is encrypted when communicating with HTTP or SMTP.

Troubleshooting

- "Clearing Jams" on page 131
- "Basic Printer Problems" on page 138
- "Display Problems" on page 139
- "Printing Problems" on page 140
- "Print Quality Problems" on page 141
- "Adjusting Color Registration" on page 150
- "Wireless Problems" on page 153
- "Wi-Fi Direct Problems" on page 154
- "Digital Certificate Problems" on page 155
- "Other Problem" on page 156
- "Understanding Printer Messages" on page 157
- "Contacting Service" on page 160
- "Getting Help" on page 161
- "Non-Genuine Mode" on page 162

Clearing Jams

Careful selection of appropriate print media and proper loading allow you to avoid most jams.

See also:

- "About Print Media" on page 74
- "Supported Print Media" on page 76

NOTE:

- Before buying large quantities of any print media, it is recommended that you try a sample first.

■ Avoiding Jams

- Use only recommended print media. For details, see "About Print Media" on page 74.
- See "Loading Print Media in the Standard 150 Sheet Tray" on page 77 to load print media properly.
- Do not overload the print media sources. Make sure that the stacked print media does not exceed the maximum height indicated on the paper width guides.
- Do not load wrinkled, creased, damp, or curled print media.
- Flex, fan, and straighten print media before you load it. If a jam occurs with print media, try feeding one sheet at a time through the standard 150 sheet tray.
- Do not use print media that you have cut or trimmed.
- Do not mix print media sizes, weights, or types in the same print media source.
- Make sure that the recommended print side is facing up when you insert the print media.
- Keep print media stored in an acceptable environment. For details, see "Print Media Storage Guidelines" on page 75.
- Make sure that all cables connected to the printer are correctly inserted.
- Overtightening the guides may cause jams.

■ Identifying the Location of Paper Jams

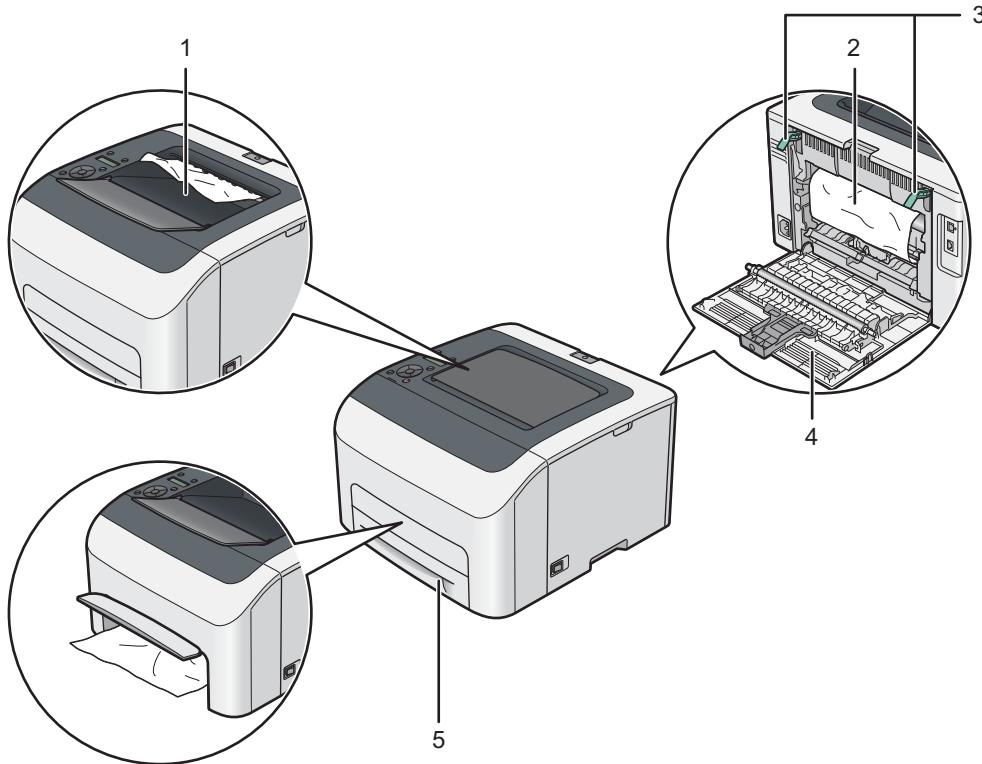
⚠ CAUTION:

- Do not attempt to remove a paper deeply jammed inside the product, particularly a paper wrapped around the fusing unit or the heat roller. Otherwise, it may cause injuries or burns. Switch off the product immediately and contact your local Fuji Xerox representative.

IMPORTANT:

- Do not attempt to clear any jams using tools or instruments. This may permanently damage the printer.

The following illustration shows where paper jams may occur along the print media path.



- | | |
|---|-------------------------|
| 1 | Center Output Tray |
| 2 | Transfer Belt |
| 3 | Levers |
| 4 | Rear Cover |
| 5 | Standard 150 Sheet Tray |

■ Clearing Paper Jams From the Front of the Printer

NOTE:

- To resolve the error displayed on the LCD panel, you must clear all print media from the print media path.

- 1 Lift up the cover above the standard 150 sheet tray, and remove any paper jammed from the front of the printer.



- 2 Release the cover above the standard 150 sheet tray.

■ Clearing Paper Jams From the Rear of the Printer

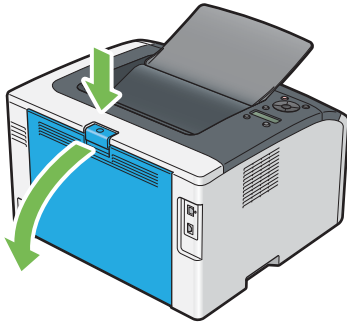
IMPORTANT:

- To prevent electric shock, always turn off the printer and disconnect the power cord from the grounded outlet before performing maintenance.
- To avoid burns, do not clear paper jams immediately after printing. The fusing unit becomes extremely hot during use.

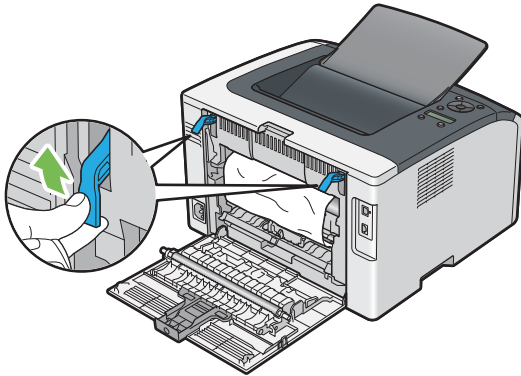
NOTE:

- To resolve the error displayed on the LCD panel, you must clear all print media from the print media path.

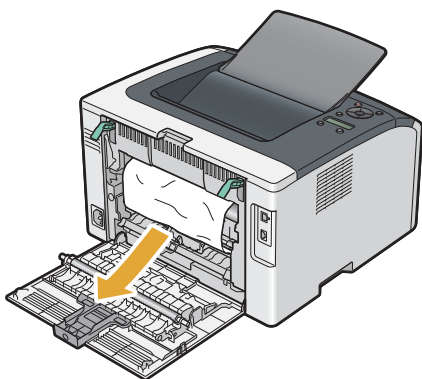
- 1 Push the rear cover handle and open the rear cover.



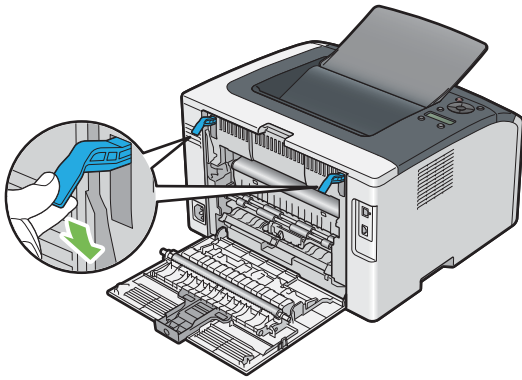
- 2 Lift up the levers.



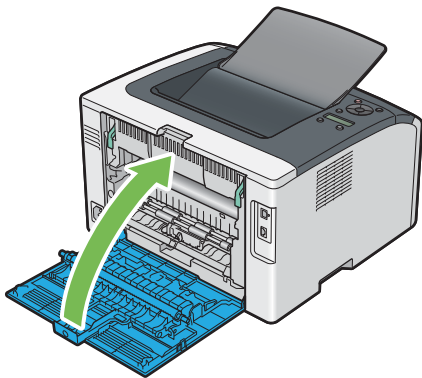
- 3 Remove any paper jammed from the rear of the printer by carefully pulling it in the direction of the arrow shown in the following illustration.



4 Lower the levers to their original position.



5 Close the rear cover.



■ Clearing Paper Jams From the Center Output Tray

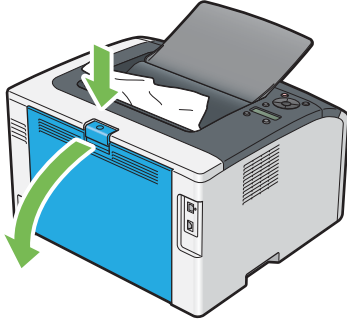
IMPORTANT:

- To prevent electric shock, always turn off the printer and disconnect the power cord from the grounded outlet before performing maintenance.
- To avoid burns, do not clear paper jams immediately after printing. The fusing unit becomes extremely hot during use.

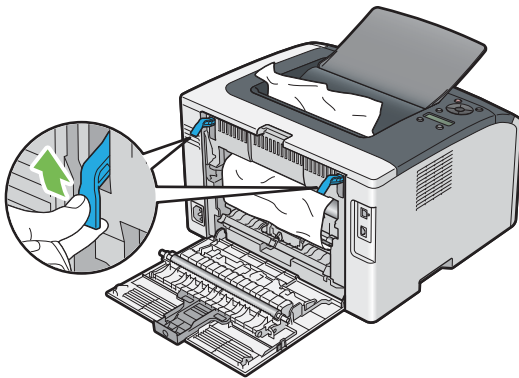
NOTE:

- To resolve the error displayed on the LCD panel, you must clear all print media from the print media path.

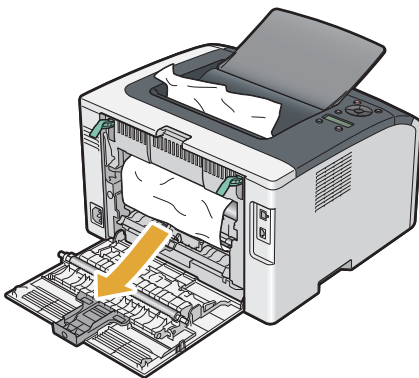
- 1 Push the rear cover handle and open the rear cover.



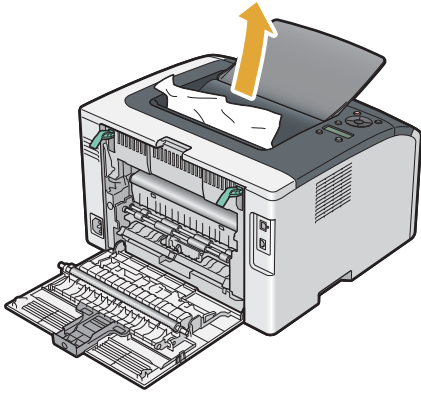
- 2 Lift up the levers.



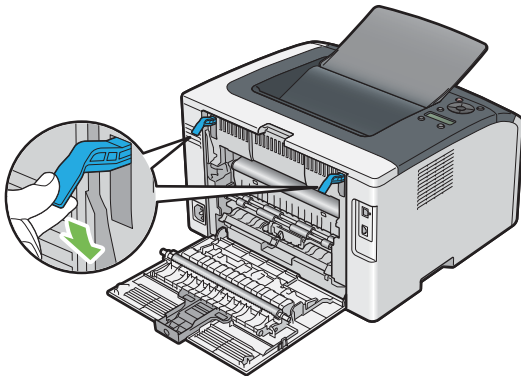
- 3 Remove any paper jammed from the rear of the printer by carefully pulling it in the direction of the arrow shown in the following illustration.



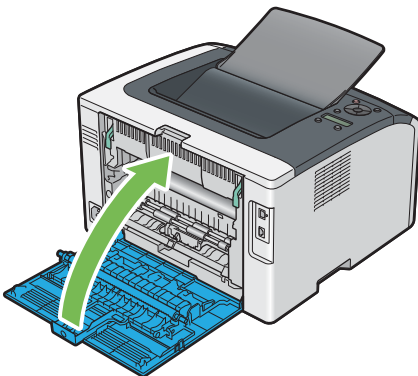
4 If no paper is found in the paper path, remove any paper jammed from the center output tray.



5 Lower the levers to their original position.



6 Close the rear cover.



■ Jam Problems

Misfeed jam

Problem	Action
Print media misfeeds occur.	Make sure that the standard 150 sheet tray is properly inserted. If the problem persists, verify that the correct print media is being used. Depending on the print media you use, take any of the following actions: <ul style="list-style-type: none">• For thick paper, use the one that is 163 gsm or less.• For thin paper, use the one that is 60 gsm or more.• For the envelope, make sure that it is properly loaded in the standard 150 sheet tray as instructed in "Loading Envelope in the Standard 150 Sheet Tray" on page 80.
	If the envelope is deformed, correct it or use another envelope.
	If performing manual duplex printing, make sure that the print media is not curled.
	Fan the print media.
	If the print media is damp, turn over the print media.
	If the problem continues, use print media that is not damp.

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

Multi-feed jam

Problem	Action
Print media multiple feeds occur.	Make sure that the standard 150 sheet tray is properly inserted. If the print media is damp, use print media that is not damp.
	Fan the print media.

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

Basic Printer Problems

Some printer problems can be easy to resolve. If a problem occurs with your printer, check each of the following:

- The power cord is connected to the printer, and to a properly grounded electrical outlet.
- The printer is turned on.
- The electrical outlet is not turned off at any switch or breaker.
- Other electrical equipment plugged into the outlet is working.
- When your printer is connected to the computer with the wireless connection, the Ethernet cable is not connected between the printer and the network.

If you have checked all of the above and still have a problem, turn off the printer, wait for 10 seconds, and then turn on the printer. This often fixes the problem.



NOTE:

- If error messages are displayed on the LCD panel or on your computer screen, follow the on-screen instructions to resolve the printer problems. For details about error messages and error codes, see "Understanding Printer Messages" on page 157.

Display Problems

Problem	Action
Menu settings changed from the operator panel have no effect.	Settings in the software program, print driver, or printer utilities have precedence over the settings made on the operator panel. Change the menu settings from the print driver, printer utilities, or software program instead of the operator panel.

Printing Problems

Problem	Action
Job did not print or incorrect characters printed.	<p>Confirm that <code>Ready to Print</code> appears on the LCD panel before you send a job to print. Press the  (Back) button to return to <code>Ready to Print</code>.</p> <p>Make sure that print media is loaded in the printer. Press the  (Back) button to return to <code>Ready to Print</code>.</p> <p>Verify that you are using the correct print driver.</p> <p>If you are using wireless connection, make sure that the wireless connection is established.</p> <p>If you are using USB connection, make sure that you are using the correct USB cable and that it is securely connected to the printer.</p> <p>Verify that the correct print media size is selected.</p> <p>If you are using a print spooler, verify that the spooler has not stalled.</p> <p>Check the interface of your printer from <code>Admin Menu</code>.</p> <p>Determine the host interface you are using. Print a <code>System Settings</code> page to verify that the current interface settings are correct. See "Printing a System Settings Page" on page 99 for details on how to print a <code>System Settings</code> page.</p>
Print media misfeeds or multiple feeds occur.	<p>Make sure that the print media you are using meets the specifications for your printer.</p> <p>See also:</p> <ul style="list-style-type: none"> "Usable Print Media" on page 76 <p>Fan the print media before loading it.</p> <p>Make sure that the print media is loaded correctly.</p> <p>Make sure that the paper width guides and length guide are adjusted correctly.</p> <p>Make sure that the standard 150 sheet tray is securely inserted.</p> <p>Do not overload the print media sources.</p> <p>Do not force print media into the standard 150 sheet tray when you load it. Otherwise, it may skew or buckle.</p> <p>Make sure that the print media is not curled.</p> <p>Load the recommended print side correctly for the type of print media you are using.</p> <p>See also:</p> <ul style="list-style-type: none"> "Loading Print Media" on page 77 <p>Turn the print media over or around and try printing again to see if feeding improves.</p> <p>Do not mix print media types.</p> <p>Do not mix print media sizes.</p> <p>Remove the top and bottom curled sheets of a ream before loading the print media.</p> <p>Load the print media source only when it is empty.</p>
The envelope is creased after printing.	<p>Make sure that the envelope is loaded as instructed in "Loading Envelope in the Standard 150 Sheet Tray" on page 80.</p>
Page breaks in unexpected places.	<p>Increase the value for Job Timeout in the System Settings menu, that is on the Printer Maintenance tab in the Printer Setting Utility.</p> <p>Increase the timeout value for the protocol in use in the Protocol Settings menu on the CentreWare Internet Services.</p>
Printer does not duplex pages.	<p>Select either of the duplex printing options (flip on short edge/flip on long edge) in the print driver.</p> <p>See also:</p> <ul style="list-style-type: none"> "Manual Duplex Printing" on page 82

Print Quality Problems

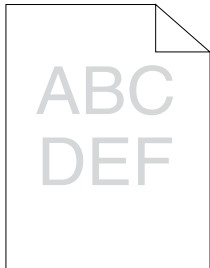
NOTE:

- In this section, some procedures use the Printer Setting Utility or the SimpleMonitor. Some procedures that use the Printer Setting Utility can also be performed using the operator panel.

See also:

- "Understanding the Printer Menus" on page 103
- "Printer Setting Utility (Windows Only)" on page 25
- "SimpleMonitor (Windows Only)" on page 26

■ The Output Is Too Light

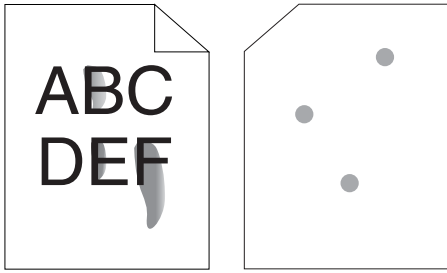


Problem	Action
The output is too light.	<p>The toner cartridges may be low or need to be replaced. Confirm the amount of toner in each toner cartridge.</p> <ol style="list-style-type: none">1 Check the toner level in the Status tab in the Printer Status window of the SimpleMonitor.2 Replace the toner cartridges as necessary.
	<p>Verify that the print media is dry and the correct print media is used. If not, use the print media recommended for the printer.</p> <p>See also:</p> <ul style="list-style-type: none">• "Usable Print Media" on page 76
	<p>Try changing the paper type setting in the print driver. The following procedure uses the Microsoft® Windows® print driver as an example.</p> <ol style="list-style-type: none">1 On the Paper/Output tab in Printing Preferences of the print driver, change the Paper Type setting.2 Load dry (not damp) and correct print media, and then click Print Test Page in the Properties window of the print driver.
	<p>Disable the toner saving feature in the print driver.</p> <p>See also:</p> <ul style="list-style-type: none">• "Conserving Supplies" on page 175

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Toner Smears or Print Comes Off/Stain on Back Side

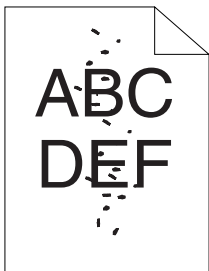


Problem	Action
Toner smears or print comes off. The output has stain on the back side.	<p>The print media surface may be uneven. Try changing the paper type setting in the print driver. For example, change Plain to Lightweight Cardstock. The following procedure uses the Windows print driver as an example.</p> <ol style="list-style-type: none"> 1 On the Paper/Output tab in Printing Preferences of the print driver, change the Paper Type setting.
	<p>Verify that the correct print media is being used.</p> <p>If not, use the print media recommended for the printer.</p> <p>See also:</p> <ul style="list-style-type: none"> • "Usable Print Media" on page 76
	<p>Adjust the temperature of the fusing unit.</p> <ol style="list-style-type: none"> 1 Launch the Printer Setting Utility, and click Adjust Fusing Unit on the Printer Maintenance tab. 2 Adjust the fixing temperature by turning up the value for your printing media. 3 Click Apply New Settings.

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Random Spots/Blurred Images

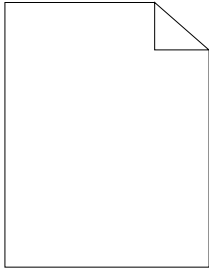


Problem	Action
The printed result has random spots or is blurred.	<p>Make sure that the toner cartridges are installed correctly.</p> <p>See also:</p> <ul style="list-style-type: none"> • "Installing a Toner Cartridge" on page 169
	<p>If you use non-genuine brand toner cartridges, install genuine brand toner cartridges.</p> <p>Clean up the fusing unit.</p> <ol style="list-style-type: none"> 1 Load one sheet of paper in the standard 150 sheet tray, and then print a solid image all over paper. 2 Load the printed sheet with the printed side facing down, and then print a blank sheet of paper.

NOTE:

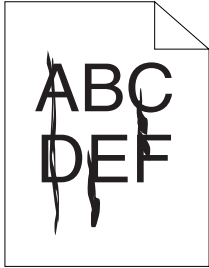
- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ The Entire Output Is Blank



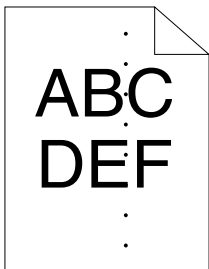
If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.

■ Streaks Appear on the Output



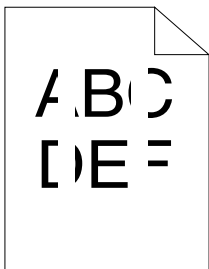
If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.

■ Pitched Color Dots



If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.

■ Vertical Blanks



Problem	Action
The printed result has vertical blanks.	Clean inside the printer and perform a test print. 1 Clean inside the printer by using the print head cleaning rod. 2 Click Print Test Page in the Properties window of the print driver. See also: <ul style="list-style-type: none">"Cleaning Inside the Printer" on page 164

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

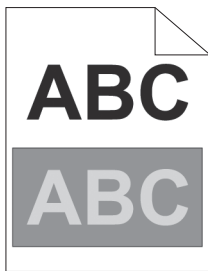
■ Mottle

Problem	Action
The printed result has mottled appearance.	<p>Adjust the transfer bias.</p> <ol style="list-style-type: none"> 1 Launch the Printer Setting Utility, and click Adjust BTR on the Printer Maintenance tab. 2 Adjust the setting for the type of print media being used. 3 Click Apply New Settings.
	<p>If you use non-recommended print media, use the print media recommended for the printer.</p>

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Ghosting



Problem	Action
The printed result has ghosting.	<p>Adjust the transfer bias.</p> <ol style="list-style-type: none"> 1 Launch the Printer Setting Utility, and click Chart Print on the Diagnosis tab. 2 Click Ghost Configuration Chart. The Ghost Configuration Chart is printed. 3 Click BTR Refresh Mode on the Printer Maintenance tab. 4 Select the check box next to On, and then click Apply New Settings. 5 Click Chart Print on the Diagnosis tab. 6 Click Ghost Configuration Chart. The Ghost Configuration Chart is printed.
	<p>The print media surface may be uneven. Try changing the paper type setting in the print driver. For example, change Plain to Lightweight Cardstock. The following procedure uses the Windows print driver as an example.</p> <ol style="list-style-type: none"> 1 On the Paper/Output tab in Printing Preferences of the print driver, change the Paper Type setting.
	<p>Adjust the temperature of the fusing unit.</p> <ol style="list-style-type: none"> 1 Launch the Printer Setting Utility, and click Adjust Fusing Unit on the Printer Maintenance tab. 2 Adjust the fixing temperature by turning up the value for your printing media. 3 Click Apply New Settings.
	<p>If you use non-recommended print media, use the print media recommended for the printer.</p>

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Fog



Problem	Action
The entire page is foggy.	Contact the Fuji Xerox local representative office or an authorized dealer.
Part of the page is foggy.	Start Clean Developer . <ol style="list-style-type: none">1 Launch the Printer Setting Utility, and click Clean Developer on the Diagnosis tab.2 Click the Start button. <hr/> <p>If the problem continues even after performing Clean Developer, start Refresh Mode.</p> <ol style="list-style-type: none">1 Launch the Printer Setting Utility, and click Refresh Mode on the Diagnosis tab.2 Select the color that is the same as the fog. <hr/> <p>If the problem continues even after performing Refresh Mode, start Refresh Mode again.</p> <p>NOTE:</p> <ul style="list-style-type: none">• If the problem continues even after performing Refresh Mode twice, contact the Fuji Xerox local representative office or an authorized dealer.

■ Bead-Carry-Out (BCO)

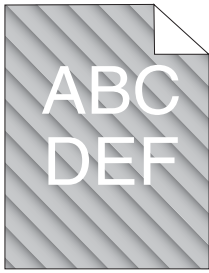


Problem	Action
Bead-Carry-Out (BCO) is happening.	If the printer is installed in a high altitude location, set the altitude of the location. <ol style="list-style-type: none">1 Launch the Printer Setting Utility, and click Adjust Altitude on the Printer Maintenance tab.2 Select the value close to the altitude of the location where the printer is installed.3 Click Apply New Settings.

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Auger Mark

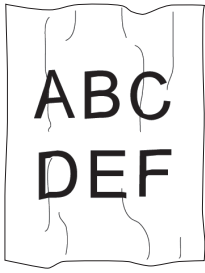


Problem	Action
The printed result has auger mark.	<p>The toner cartridges may be low or need to be replaced. Confirm the amount of toner in each toner cartridge.</p> <ol style="list-style-type: none">1 Check the toner level in the Status tab in the Printer Status window of the SimpleMonitor.2 Replace the toner cartridges as necessary.
	<p>Start Clean Developer.</p> <ol style="list-style-type: none">1 Launch the Printer Setting Utility, and click Clean Developer on the Diagnosis tab.2 Click Start.

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Wrinkled/Stained Paper

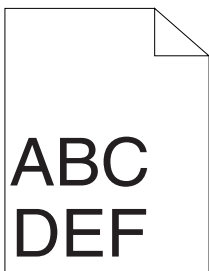


Problem	Action
The output is wrinkled. The output is stained.	<p>Verify that the correct print media is being used.</p> <p>If not, use the print media recommended for the printer.</p> <p>If excessive wrinkles occur, use paper or other media from a new package.</p> <p>See also:</p> <ul style="list-style-type: none"> • "Usable Print Media" on page 76 • "About Print Media" on page 74 <p>If you use the envelope, check whether the crease is within 30 mm of the four edges of the envelope.</p> <p>If the crease is within 30 mm of the four edges of the envelope, this is considered normal. Your printer is not at fault.</p> <p>If not, take the following actions:</p> <ul style="list-style-type: none"> • If the envelope is Com 10 envelope, which is 220 mm or longer and has a flap on the long edge, use a different size envelope. • If the envelope is C5, which is 220 mm or longer and has a flap on the short edge, load it in the standard 150 sheet tray with the flap open and facing up. • If the envelope is Monarch or DL, which is shorter than 220 mm, load it long edge feed in the standard 150 sheet tray with the flap open and facing up. <p>If the problem continues, use a different size envelope.</p>

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ The Top Margin Is Incorrect



Problem	Action
The top margin is incorrect.	Make sure that the margins are set correctly on the application being used.

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Color Registration Is Out of Alignment

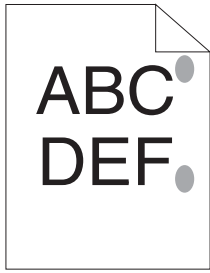


Problem	Action
Color registration is out of alignment.	<p>Execute an auto color registration adjustment.</p> <ol style="list-style-type: none">1 Launch the Printer Setting Utility, and click Registration Adjustment on the Printer Maintenance tab.2 Deselect the check box next to On.3 Click Start next to Auto Correct. <hr/> <p>Clean the CTD sensor.</p> <ol style="list-style-type: none">1 Clean the CTD sensor.2 Launch the Printer Setting Utility, and click Registration Adjustment on the Printer Maintenance tab.3 Deselect the check box next to On.4 Click Start next to Auto Correct. <p>See also:</p> <ul style="list-style-type: none">• "Cleaning the Color Toner Density (CTD) Sensor" on page 166 <hr/> <p>Print the color registration chart and manually correct the color registration.</p> <ol style="list-style-type: none">1 Launch the Printer Setting Utility, and click Registration Adjustment on the Printer Maintenance tab.2 Deselect the check box next to On.3 Click Start next to Print Color Regi Chart. The color registration chart is printed.4 Check the values with the straight lines on the chart.5 Select the value for each color on the Printer Setting Utility.6 Click Apply New Settings.7 Click Start next to Print Color Regi Chart to print the color registration chart again.8 Adjust until all straight lines are at the value of 0. <p>See also:</p> <ul style="list-style-type: none">• "Adjusting Color Registration" on page 150

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.

■ Protrudent/Bumpy Paper



Problem	Action
Printed surface got protrudent/bumpy.	Clean up the fusing unit. 1 Load one sheet of paper in the standard 150 sheet tray, and then print a solid image all over the paper. 2 Load the printed sheet with the printed side facing down, and then print a blank sheet of paper.

NOTE:

- If the problem continues even though you have taken suggested actions described above, contact the Fuji Xerox local representative office or an authorized dealer.







Adjusting Color Registration

This section describes how to adjust the color registration when you first install the printer or after moving it to a new location.

■ Performing Auto Correct

Auto Correct allows you to correct the color registration automatically.

Using the Operator Panel

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Maintenance`, and then press the  button.
- 4 Select `Adjust ColorRegi`, and then press the  button.
- 5 Select `Auto Adjust`, and then press the  button.
- 6 Confirm that `Are you sure?` appears.
- 7 Select `Yes`, and then press the  button.
Auto Correct is performed.

Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

- The window to select a printer appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility opens.

- 2 Click the **Printer Maintenance** tab.
- 3 Select **Registration Adjustment** from the list at the left side of the page.
The **Registration Adjustment** page is displayed.
- 4 Deselect the check box next to **On**.
- 5 Click **Start** next to **Auto Correct**.
The color registration is corrected automatically.

■ Printing the Color Registration Chart

Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

- The window to select a printer appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility opens.

- 2 Click the **Printer Maintenance** tab.
- 3 Select **Registration Adjustment** from the list at the left side of the page.
The **Registration Adjustment** page is displayed.
- 4 Deselect the check box next to **On**.
- 5 Click **Start** next to **Print Color Regi Chart**.

The color registration chart is printed.

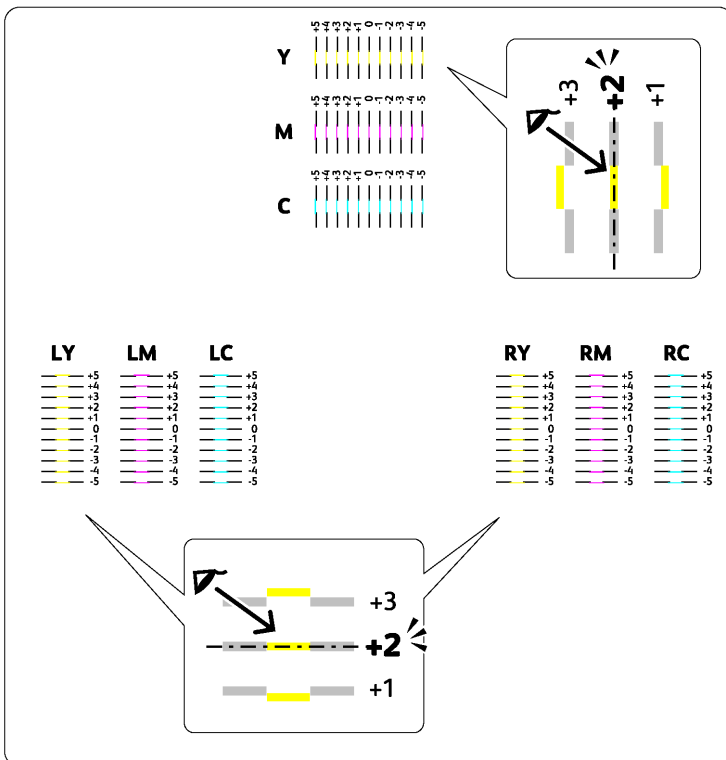
■ Determining Values

On the color registration chart printed, find the straightest lines where the two black lines and the colored line are most closely aligned for each color (Y, M, and C).

If you find the straightest line, make a note of the value (-5 – +5) indicated by the straightest line for each color.

When the value is 0 for each color, you do not need to adjust the color registration.

When the value is not 0, enter the value according to the procedure in "Entering Values" on page 152.



■ Entering Values

Using the Printer Setting Utility (Windows Only)

Enter the values that you found in the color registration chart to make adjustments.

The following procedure uses Windows 7 as an example.

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

- The window to select a printer appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility opens.

- 2 Click the **Printer Maintenance** tab.
- 3 Select **Registration Adjustment** from the list at the left side of the page.
The **Registration Adjustment** page is displayed.
- 4 Deselect the check box next to **On**.
- 5 Select the value you checked in the color registration chart, and then click **Apply New Settings**.
- 6 Click **Start** next to **Print Color Regi Chart**.
The color registration chart is printed with the new values.
- 7 Adjust until all straight lines are at the value of 0.
Viewing the images before and after will help.

IMPORTANT:

- After printing the color registration chart, do not turn off the printer until the printer motor has stopped running.

Wireless Problems

Problem	Action
Cannot setup wireless connection.	<p>Make sure that the Ethernet cable is disconnected from the printer.</p> <p>Make sure that Wi-Fi is set to On.</p> <p>See also:</p> <ul style="list-style-type: none">• "Wi-Fi" on page 109 <p>Try disabling the firewall on your computer. The firewall on your computer may be blocking communication with your printer.</p>
Cannot setup wireless connection with WPS (Wi-Fi Protected Setup™).	Make sure that the security setting of the wireless LAN access point or router is WPA™ (Wi-Fi Protected Access®) or WPA2™. (WEP is not supported on WPS.)
Cannot setup wireless connection with the WPS-PBC (Wi-Fi Protected Setup-Push Button Configuration).	Press the WPS button on the wireless LAN access point or router within two minutes after starting the WPS operation on the printer. For details about the wireless LAN access point or router, refer to the manual supplied with the wireless LAN access point or router.
Cannot setup wireless connection with WPS-PIN (Wi-Fi Protected Setup-Personal Identification Number).	Check if the PIN you have entered on the computer is correct.
Cannot connect to the wireless network after setting up wireless connection.	Check if the passphrase for WPA/WPA2 encryption or WEP key set on the wireless LAN access point or router has been changed. (Passphrase may be described as key on some access points or routers.) For details about the wireless LAN access point or router, refer to the manual supplied with the wireless LAN access point or router.

Wi-Fi Direct Problems

Problem	Action
The device cannot discover the printer.	The printer may be connected to another device via Wi-Fi Direct®. Disconnect the printer and the device. For details, see "Disconnecting Wi-Fi Direct Network" on page 95.
The printer cannot disconnect from the device even when the procedure in "Disconnecting Wi-Fi Direct Network" has been performed.	The device may be automatically reconnecting to the printer. Reset the passphrase for Wi-Fi Direct and disconnect the device. For details, see "Resetting the Passphrase" on page 96.
The network mode of the printer cannot be set to Ad-Hoc mode on the CentreWare Internet Services.	Make sure that <code>Wi-Fi Direct</code> is set to <code>Disable</code> .
<code>Wi-Fi Direct</code> cannot be set to <code>Enable</code> .	Make sure that the network mode is set to Infrastructure mode on the CentreWare Internet Services.

Digital Certificate Problems

Problem	Action
The Certificate Signing Request (CSR) / Upload Signed Certificate is not displayed.	Create a self-signed certificate and enable SSL/TLS Server Communication . For details, see "Preparing to Use HTTPS Communication" on page 126.
The digital certificate cannot be uploaded.	Confirm validity period of the digital certificate as well as the time setting of the device. Confirm that the password is correct. Confirm that the file type is PKCS #7/#12 or x509CACert (extension: p7b/p12/pfx/cer/crt). Confirm that the attribute information (Key usage/Extended key usage) of the digital certificate to be imported is set correctly. Use Internet Explorer®.
Although a digital certificate was uploaded, it is not displayed.	To upload a digital certificate for use with the device (own device), import the secret key and a digital certificate of the PKCS #12 (p12/pfx) format as a pair.
Server validation is not operating correctly.	Although uploading a root certificate (Trusted) to use for server authentication, an intermediate certificate may be required when validating the path. When executing a digital certificate file with the certification authority, create the digital certificate with a format including all paths and then import that digital certificate.

Other Problem








Problem	Action
Condensation has occurred inside the printer.	This usually occurs within several hours after you heat the room in winter. This also occurs when the printer is operating in a location where relative humidity reaches 85% or more. Adjust the humidity or relocate the printer to an appropriate environment.


Understanding Printer Messages




The printer LCD panel displays messages describing the current state of the printer and indicates possible printer problems you must resolve. This section describes error codes included in the messages, their meanings, and how to clear the messages.

IMPORTANT:

- When an error code is displayed, the print data remaining on the printer and the information accumulated in the memory of the printer are not secured.

Error-Code	What You Can Do
009-950	Replace the specified toner cartridge.
009-951	See also:
009-952	<ul style="list-style-type: none">• "Replacing Toner Cartridges" on page 167
009-953	
010-397	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
016-315	
016-317	See also:
016-501	<ul style="list-style-type: none">• "Online Services" on page 181
016-502	
016-719	Press the  button to cancel the current job. Retry when the printer does not process any job.
016-720	Press the  button to cancel the current print job.
016-744	See also:
016-745	<ul style="list-style-type: none">• "Canceling a Print Job" on page 85
016-749	Press the  button to cancel the current job. Retry when the printer does not process any job.
016-753	PDL emulation error has occurred. Press the  button to clear the message and cancel the current print job. Check if the password is correct.
016-755	
016-920	Press the  button. Execute the operation again according to the operation procedure, and try wireless settings again.
016-921	
016-982	The printer memory is full and cannot continue processing the current print job. Press the  button to clear the message and cancel the current print job.
018-338	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
	See also:
	<ul style="list-style-type: none">• "Online Services" on page 181
024-340	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
024-360	
	See also:
	<ul style="list-style-type: none">• "Online Services" on page 181
024-371	Turn off the printer, and then on. Or, unplug the Ethernet cable or USB cable, and then plug it again. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
	See also:
	<ul style="list-style-type: none">• "Online Services" on page 181
024-946	Press the  button to clear the message. Check for any misfed paper in the standard 150 sheet tray, and set the tray to the printer.
024-958	Load the correct paper.
024-963	See also:
	<ul style="list-style-type: none">• "Loading Print Media in the Standard 150 Sheet Tray" on page 77

Error-Code	What You Can Do
041-340	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
042-358	
042-372	See also:
061-370	<ul style="list-style-type: none"> • "Online Services" on page 181
075-100	Check and clear the paper path, load the specified paper, and then press the  button.
	See also:
	<ul style="list-style-type: none"> • "Clearing Paper Jams From the Front of the Printer" on page 132
077-100	Check and clear the paper path.
077-104	See also:
	<ul style="list-style-type: none"> • "Clearing Paper Jams From the Rear of the Printer" on page 133
077-106	Check and clear the paper path.
077-108	See also:
077-109	<ul style="list-style-type: none"> • "Clearing Paper Jams From the Center Output Tray" on page 135
077-304	Close the rear cover.
077-900	Check and clear the paper path.
	See also:
	<ul style="list-style-type: none"> • "Clearing Paper Jams From the Center Output Tray" on page 135
077-901	Check and clear the paper path.
	See also:
	<ul style="list-style-type: none"> • "Clearing Paper Jams From the Rear of the Printer" on page 133
091-313	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
	See also:
	<ul style="list-style-type: none"> • "Online Services" on page 181
091-402	The service life of your printer is coming to an end, and the printer will soon stop running. If you want to keep using the printer, change the <code>Machine Life</code> setting to <code>Continue Print</code> . However, continuous use of the printer will degrade the print quality.
	See also:
	<ul style="list-style-type: none"> • "Machine Life" on page 114
091-441	The printer has exceeded its service life or the settings have been changed to continue using it. The quality of printouts will degrade if the printer continues to be used.
	See also:
	<ul style="list-style-type: none"> • "Machine Life" on page 114
092-651	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
092-661	
	See also:
	<ul style="list-style-type: none"> • "Online Services" on page 181
092-310	Clean the CTD sensor.
	See also:
	<ul style="list-style-type: none"> • "Cleaning the Color Toner Density (CTD) Sensor" on page 166
093-423	Replace the specified toner cartridge soon.
093-424	See also:
093-425	<ul style="list-style-type: none"> • "Replacing Toner Cartridges" on page 167
093-426	
093-919	Re-install the specified toner cartridge, turn off the printer, and then on.
093-920	See also:
093-921	<ul style="list-style-type: none"> • "Replacing Toner Cartridges" on page 167
093-922	

Error-Code	What You Can Do
093-930 093-931	Remove the specified toner cartridge and install a new one. If you do not replace the toner cartridge, print quality problems may occur.
093-932 093-933	See also: <ul style="list-style-type: none"> • "Replacing Toner Cartridges" on page 167
093-960 093-961	Re-install the specified toner cartridge with the supported one.
093-962 093-926	See also: <ul style="list-style-type: none"> • "Replacing Toner Cartridges" on page 167
093-970 093-971	Re-install the specified toner cartridge.
093-972 093-973	See also: <ul style="list-style-type: none"> • "Replacing Toner Cartridges" on page 167
116-314 116-355	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer. See also: <ul style="list-style-type: none"> • "Online Services" on page 181
116-703 116-720	PDL emulation error has occurred. Press the  button to clear the message and cancel the current print job.
124-333	Turn off the printer, and then on. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer. See also: <ul style="list-style-type: none"> • "Online Services" on page 181
191-310	Although the service life of your printer has been over and the printer stopped running, you can still use the printer by pressing the  (Back) button and the  button at the same time. However, continuous use of the printer will degrade the print quality. See also: <ul style="list-style-type: none"> • "Machine Life" on page 114
191-311	The life of your printer has been over, and you can no longer use the printer.

Contacting Service

When you call for printer service, be prepared to describe the problem you are experiencing or the error message on the LCD panel.

You need to know the model of your printer and serial number. See the label on the rear cover of your printer.

Getting Help

Fuji Xerox provides several automatic diagnostic tools to help you produce and maintain print quality.

■ LCD Panel Messages

The LCD panel provides you with information and troubleshooting help. When an error or warning condition occurs, the LCD panel displays a message informing you of the problem.

See also:

- "Understanding Printer Messages" on page 157

■ SimpleMonitor Alerts (Windows Only)

The SimpleMonitor is a tool that is included on the *Software Pack CD-ROM*. It automatically checks the printer status when you send a print job. If the printer is unable to print your job, the SimpleMonitor automatically displays an alert on your computer screen to let you know that the printer needs attention.

■ Obtaining the Product Information

Obtaining the Latest Print Driver

The latest print driver can be obtained by downloading it from our web site.

This section explains the procedures using Windows 7 as an example.

NOTE:

- The communication fee shall be borne by users.

- 1 Click **Start** → **Devices and Printers**.
- 2 Right-click the printer, and then select **Printer properties**.
- 3 Select the **Configuration** tab.
- 4 Select **About**.
- 5 Click **Fuji Xerox Web Site**.
Your web browser launches and our web site is displayed.
- 6 Follow the instructions on the web site and download an appropriate print driver.

NOTE:

- The URL of the driver download service page is as follows: <http://www.fujixeroxprinters.com/>
- For the latest information about the print driver features, refer to the Help provided for the print driver.

Updating the Printer's Firmware

Our web site also provides a tool that allows you to update the printer's firmware (software embedded within the printer) from your computer.

The latest firmware and updating tool can be downloaded from the following URL.

Follow the instructions on the web site and download the correct firmware update.

<http://www.fujixeroxprinters.com/>

NOTE:

- The communication fee shall be borne by users.

Non-Genuine Mode

When toner within a toner cartridge is empty, `Replace XXXX Cartridge (XXXX: Yellow, Magenta, Cyan, or Black)` appears on the LCD panel.

When you want to use the printer in the Non-Genuine mode, enable the Non-Genuine mode and replace the toner cartridge.

IMPORTANT:

- If you use the printer in the Non-Genuine mode, the performance of the printer may not be at its optimum. Any problems that may arise from the use of the Non-Genuine mode are not covered by our quality guarantee. The continuous use of the Non-Genuine mode can also cause the printer to break down, and any repair charges for such break down will be incurred by users.







NOTE:

- To disable the Non-Genuine mode, select `Off` for `Toner in Non-Genuine Mode` on the operator panel or deselect the check box next to `On` on the Non-Genuine Mode page on the Printer Setting Utility.

■ Using the Operator Panel

NOTE:

- Before starting the operation described below, confirm that `Ready to Print` is displayed on the LCD panel.

- 1 Press the  (**Menu**) button.
- 2 Select `Admin Menu`, and then press the  button.
- 3 Select `Maintenance`, and then press the  button.
- 4 Select `Non-Genuine Mode`, and then press the  button.
- 5 Select `Toner`, and then press the  button.
- 6 Select `On`, and then press  the button.
The printer switches to the `Non-Genuine Mode`.

■ Using the Printer Setting Utility (Windows Only)

The following procedure uses Windows 7 as an example.

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **Printer Setting Utility**.

NOTE:

- The window to select a printer appears in this step when multiple print drivers are installed on your computer. In this case, click the name of the desired printer listed in **Printer Name**.

The Printer Setting Utility opens.

- 2 Click the **Printer Maintenance** tab.
- 3 Select **Non-Genuine Mode** from the list at the left side of the page.
The **Non-Genuine Mode** page is displayed.
- 4 Select the check box next to **On**, and then click **Apply New Settings**.

Maintenance

- "Cleaning the Printer" on page 164
- "Replacing Toner Cartridges" on page 167
- "Ordering Supplies" on page 171
- "Storing Consumables" on page 172
- "Managing the Printer" on page 173
- "Conserving Supplies" on page 175
- "Checking Page Counts" on page 176
- "Moving the Printer" on page 177

Cleaning the Printer

This section describes how to clean the printer in order to maintain it in good condition and print clean printouts all the time.

WARNING:

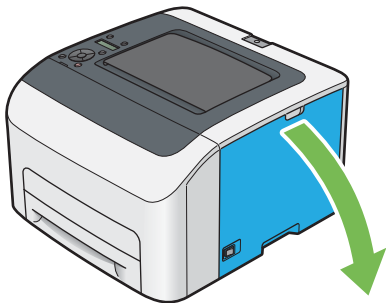
- When cleaning this product, use the designated cleaning materials exclusive to it. Other cleaning materials may result in poor performance of the product. Never use aerosol cleaners to avoid catching fire and explosion.

CAUTION:

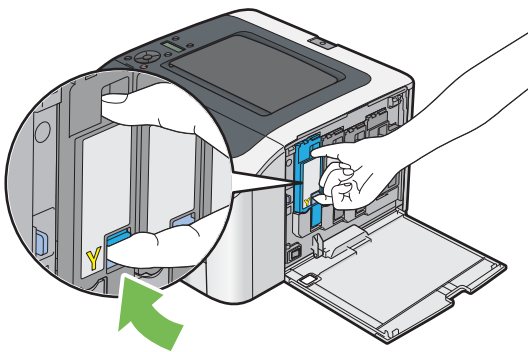
- When cleaning this product, always switch off and unplug it. Access to a live machine interior may cause electric shock.

■ Cleaning Inside the Printer

- 1 Turn off the printer and disconnect the power cord.
- 2 Open the toner access cover.



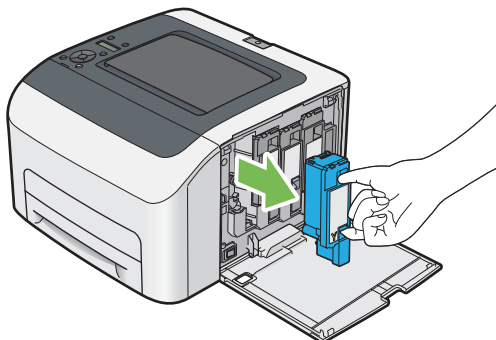
- 3 Pinch the toner cartridge firmly.



- 4 Pull the toner cartridge out.

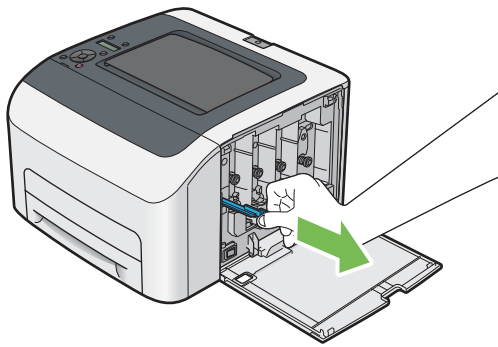
IMPORTANT:

- Always pull the toner cartridge out slowly so you do not spill any toner.

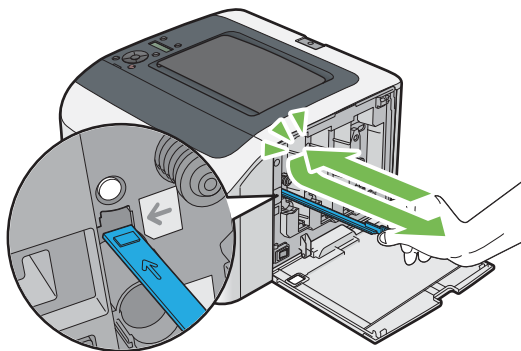


- 5 Pull the other three toner cartridges out as well.

- 6** Pull the print head cleaning rod out.

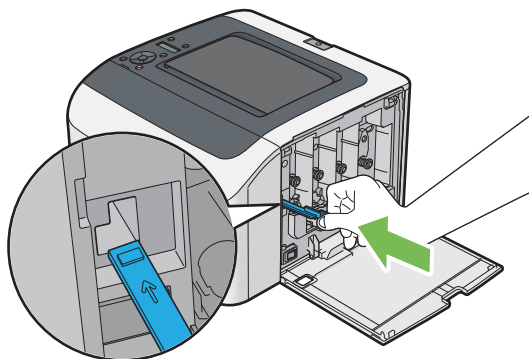


- 7** Insert the print head cleaning rod fully into the hole beside the arrow on the printer until its tip reaches the interior of the printer as illustrated below, and then pull it out.

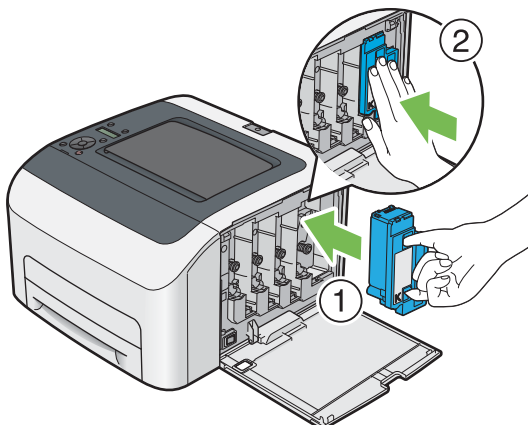


- 8** Repeat the same procedure for the other three holes.

- 9** Insert the print head cleaning rod back to its original location.

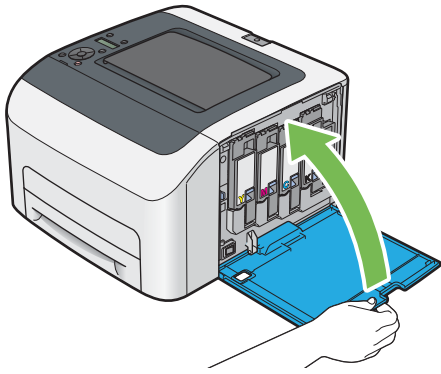


- 10** Replace the black toner cartridge by adjusting it to the associated cartridge holder, and then insert it firmly by pressing near the center of the label until the toner cartridge clicks.



11 Replace the other three toner cartridges as well.

12 Close the toner access cover.



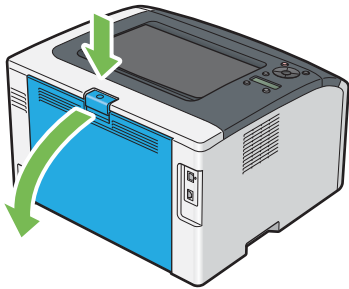
13 Connect the power cord and turn on the printer.

■ Cleaning the Color Toner Density (CTD) Sensor

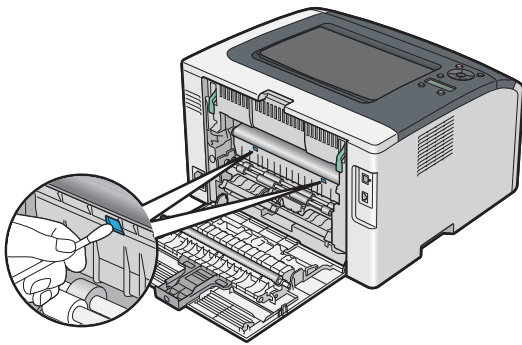
Clean the CTD sensor only when an alert for the CTD sensor is shown on the **Printer Status** window or LCD panel.

1 Turn off the printer and disconnect the power cord.

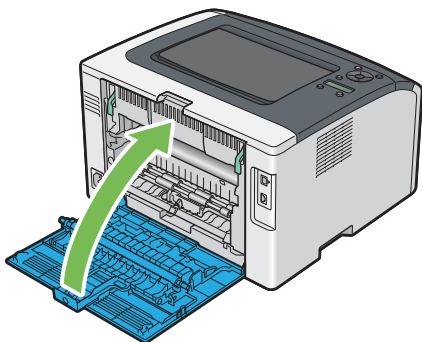
2 Push the rear cover handle and open the rear cover.



3 Clean the CTD sensor inside the printer with a clean dry cotton swab.



4 Close the rear cover.



5 Connect the power cord and turn on the printer.

Replacing Toner Cartridges

Fuji Xerox toner cartridges are available only through Fuji Xerox.

It is recommended that you use Fuji Xerox toner cartridges for your printer. Fuji Xerox does not provide warranty coverage for problems caused by using accessories, parts, or components not supplied by Fuji Xerox.

WARNING:

- **Never use a vacuum cleaner for spilled toner and residual toner in this product, toner cartridge or toner bottle. It may catch fire by electric sparks inside a vacuum cleaner and cause explosion. Use a broom or a wet cloth to wipe off the spills. If you spill a large volume of toner, contact your local Fuji Xerox representative.**
- **Never throw a toner cartridge into an open flame. Remaining toner in the cartridge may catch fire and cause burn injuries or explosion. If you have a used toner cartridge no longer needed, contact your local Fuji Xerox representative for its disposal.**

CAUTION:

- **Keep drum cartridges (or drum if not a cartridge type) and toner cartridges out of the reach of children. If a child accidentally swallows toner, spit it out, rinse mouth with water, drink water and consult a physician immediately.**
- **When replacing drum cartridges (or drum if not a cartridge type) and toner cartridges, be careful not to spill the toner. In case of any toner spills, avoid contact with clothes, skin, eyes and mouth as well as inhalation.**
- **If toner spills onto your skin or clothing, wash it off with soap and water. If you get toner particles in the eyes, wash it out with plenty of water for at least 15 minutes until irritation is gone. Consult a physician if necessary. If you inhale toner particles, move to a fresh air location and rinse your mouth with water. If you swallow toner, spit it out, rinse your mouth with water, drink plenty of water and consult a physician immediately.**

IMPORTANT:

- Do not shake the used toner cartridge to avoid spilling of the toner.
- Be sure to use the starter toner cartridge shipped with the printer until it gets empty, and then replace it with a purchased one.

■ Overview

The printer has toner cartridges of four colors: black (K), yellow (Y), magenta (M), and cyan (C).

When a toner cartridge reaches its usable life-span, the following messages appear on the LCD panel (XXXX: Yellow, Magenta, Cyan, or Black).

Message	Action
XXXX Cartridge is Close to Life*	The specified toner cartridge has become low. Prepare a new one.
Replace XXXX Cartridge	The specified toner cartridge has become empty. Replace the old toner cartridge with a new one.

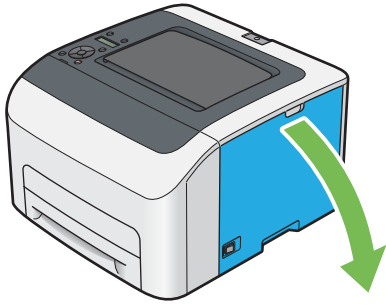
* This warning appears only when Fuji Xerox toner cartridges are used, and Non-Genuine Mode is set to Off.

IMPORTANT:

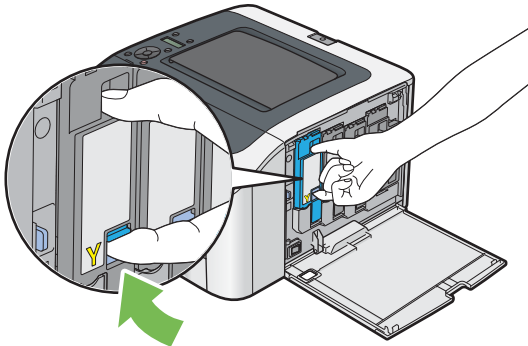
- When placing a used toner cartridge on the floor or on a table, place a few sheets of paper under the toner cartridge to catch any toner that may spill.
- Do not reuse old toner cartridges once you remove them from the printer. Doing so can impair print quality.
- Do not shake or pound the used toner cartridges. The remaining toner may spill.
- We recommend you to use up the toner cartridges within one year after removing them from the packaging.

■ Removing the Toner Cartridges

- 1 Turn off the printer.
- 2 Open the toner access cover.



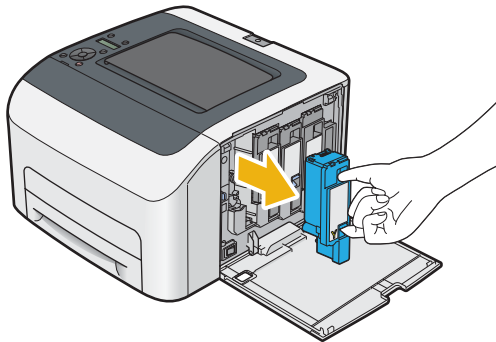
- 3 Spread a few sheets of paper on the floor or table where the removed toner cartridge is to be placed.
- 4 Pinch the toner cartridge firmly.



- 5 Pull the toner cartridge out.

IMPORTANT:

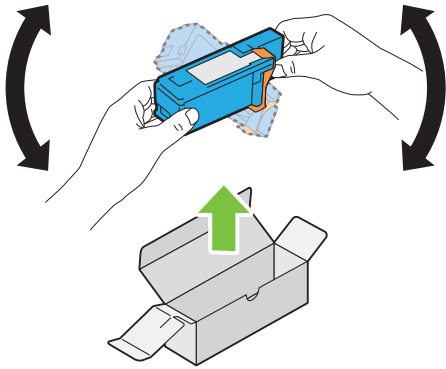
- Always pull the toner cartridge out slowly so you do not spill any toner.



- 6 Place the toner cartridge slowly on the sheets of paper spread in step 3.

■ Installing a Toner Cartridge

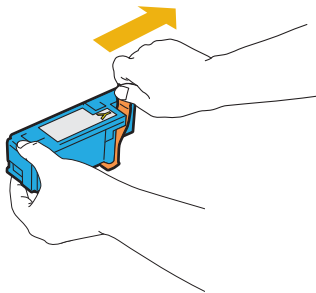
- 1 Unpack a new toner cartridge of the desired color and shake it five to six times to distribute the toner evenly.



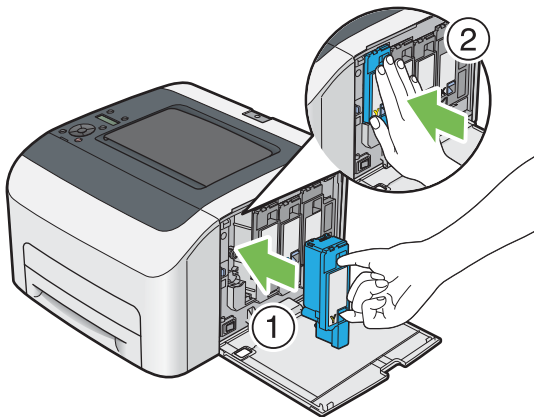
NOTE:

- Confirm that the color of the new toner cartridge matches that on the handle before replacing it.
- Handle the toner cartridge carefully to avoid spilling of the toner.

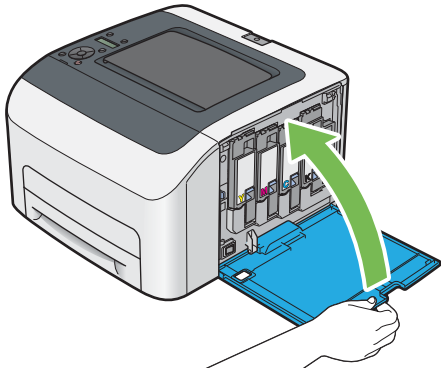
- 2 Remove the tape from the toner cartridge.



- 3 Adjust the toner cartridge to the associated cartridge holder, and then insert it firmly by pressing near the center of the label until the toner cartridge clicks.



- 4 Close the toner access cover.



- 5 Turn on the printer.
- 6 Pack the removed toner cartridge in the box in which the installed toner cartridge was packed up.
- 7 Take care not to contact with the spilled toner and remove the sheets of paper spread under the removed toner cartridge.

Ordering Supplies

The toner cartridges need to be ordered occasionally. Each toner cartridge includes installation instructions on the box.

■ Consumables

IMPORTANT:

- Use of consumables not recommended by Fuji Xerox can impair machine quality and performance. Use only consumables recommended by Fuji Xerox.

Product Name	Product Code	Printable number of pages
Toner Cartridge [Black] High capacity	CT202264	Approx. 2000 pages
Toner Cartridge [Yellow] Standard capacity	CT202270	Approx. 700 pages
Toner Cartridge [Yellow] High capacity	CT202267	Approx. 1400 pages
Toner Cartridge [Magenta] Standard capacity	CT202269	Approx. 700 pages
Toner Cartridge [Magenta] High capacity	CT202266	Approx. 1400 pages
Toner Cartridge [Cyan] Standard capacity	CT202268	Approx. 700 pages
Toner Cartridge [Cyan] High capacity	CT202265	Approx. 1400 pages

- Average standard pages. Declared yield in accordance with ISO/IEC 19798 and ISO/IEC 24712. These values are estimates and vary depending on conditions such as the content being printed, paper size, paper type, the machine's operating environment, initializing process performed when you turn on or off the printer, and adjustments to maintain print quality.

NOTE:

- The printable number of pages for the starter toner cartridges shipped with the printer are approximately 1000 pages for black toner cartridge and 700 pages for yellow, magenta, and cyan toner cartridges.
- Each toner cartridge includes installation instructions on the box.

■ When to Order Toner Cartridges

The LCD panel displays a warning when the toner cartridge nears its replacement time. Verify that you have replacements on hand. It is important to order a toner cartridge when the messages first appear to avoid interruptions to your printing. The LCD panel displays an error message when the toner cartridge must be replaced. To order toner cartridges, contact the Fuji Xerox local representative office or an authorized dealer.

IMPORTANT:

- This printer is designed to provide the most stable performance and print quality when used with the recommended toner cartridges. Not using toner cartridges recommended for this machine degrades the performance and printing quality of the printer. You could also incur charges if the machine breaks down. To receive customer support and achieve the optimum performance of the printer, be sure to use recommended toner cartridges.

■ Recycling Supplies

- For environmental protection and efficient use of resources, Fuji Xerox reuses returned toner cartridges and drums (photoreceptors) to make recycle parts, recycle materials or energy recovery.
- Proper disposal is required for toner cartridges no longer needed. Do not open toner cartridges. Return them to your local Fuji Xerox representative.

Storing Consumables

Store consumables in their original packaging until you need to use them. Do not store consumables in:

- Temperatures greater than 40°C (104°F).
- An environment with extreme changes in humidity or temperature.
- Direct sunlight.
- Dusty places.
- A car for a long period of time.
- An environment where corrosive gases are present.
- An environment with salty air.

Managing the Printer

■ Checking or Managing the Printer With the CentreWare Internet Services

When the printer is installed in a TCP/IP environment, you can check printer status and configure settings using a web browser on a network computer. You can also use the CentreWare Internet Services to check the remaining volume of consumables and the paper loaded in this printer.

NOTE:

- When using the printer as a local printer, you cannot use the CentreWare Internet Services. For details about checking the status of a local printer, see "Checking Printer Status With the SimpleMonitor (Windows Only)" on page 173.

Starting the CentreWare Internet Services

Use the following procedure to start the CentreWare Internet Services.

- 1 Launch your web browser.
- 2 Enter the IP address of the printer in the address bar.
The CentreWare Internet Services page appears.

• Using Online Help

For details regarding the items that can be set in each CentreWare Internet Services screen, click **Help** to display the online Help.

■ Checking Printer Status With the SimpleMonitor (Windows Only)

The SimpleMonitor is a tool that is installed with your print driver. It automatically checks the printer status when you send a print job. The SimpleMonitor can also check the status of the paper tray and remaining amount of toner cartridges.

Starting the SimpleMonitor

Double-click the SimpleMonitor icon on the taskbar or right-click the icon and select **Printer Selection**.

If the SimpleMonitor icon is not displayed on the taskbar, open the SimpleMonitor from the **Start** menu.

The following procedure uses Microsoft® Windows® 7 as an example.

- 1 Click **Start** → **All Programs** → **Fuji Xerox** → **Fuji Xerox Printer Software for Asia-Pacific** → your printer → **SimpleMonitor-Ctype for Asia-Pacific**.
The window to select a printer appears.
- 2 Click the name of the desired printer from the list.
The **Printer Status** window appears.

For details about the functions of the SimpleMonitor, refer to the Help.

See also:

- "SimpleMonitor (Windows Only)" on page 26

■ Checking Printer Status Through E-mail

When connected in a network environment where sending and receiving of e-mail is possible, the printer can send an e-mail report to specified e-mail addresses containing the following information:

- The network settings and the printer status
- The error status which has occurred on the printer

Setting the E-mail Environment

Activate the CentreWare Internet Services. On the **Properties** tab, configure the following settings according to your e-mail environment. After configuring the settings on each screen, always click **Apply**. For details about each item, refer to the online Help for the CentreWare Internet Services.

Item	Item to be configured	Description
General Setup > StatusMessenger	Recipient's E-mail Address 1	Set the e-mail address to which notices about changes in printer status or errors are sent.
	Recipient's E-mail Address 2	
	Notification Items	Set the contents of the notices to send in the e-mail.
Port Status	StatusMessenger	Select the Enabled check box.
Protocol Settings > E-mail	SMTP Server Settings	Select appropriate settings for sending and receiving e-mail.
	• Machine's E-mail Address	
	• SMTP Server Address	
	• SMTP Server Port Number	
	Send Authentication	
	• E-Mail Send Authentication	
	• Login Name	
	• Password	
	• Re-enter Password	
	POP3 Server Settings	
	• POP3 Server Address	
	• POP3 Server Port Number	
	• Login Name	
• Password		
• Re-enter Password		

Conserving Supplies

You can change several settings in your print driver to conserve toner cartridge and paper.

Supply	Setting	Function
Toner cartridge	Windows print driver: Toner Saving Mode in the Graphics tab	This feature allows the users to select a print mode that uses less toner. When this feature is used, the image quality will be lower than when it is not used.
Print media	Windows print driver: Multiple Up in Layout tab	The printer prints two or more pages on one side of a sheet. The available numbers that each print driver can print one sheet of paper are as follows: <ul style="list-style-type: none">• Windows print driver: 2, 4, 8, or 16 pages Combined with the duplex setting, Multiple Up allows you to print up to 32 pages on one sheet of paper. (16 images on the front and 16 on the back)

Checking Page Counts

The total number of printed pages can be checked at the operator panel. Three meters are available: `Meter 1` (color prints), `Meter 2` (monochrome prints), and `Meter 4` (`Meter 1 + Meter 2`). `Meter 3` always shows 0 on your printer.



The `Meter Readings` counts the number of pages printed properly. Single side color print (including multiple-up) is counted as one job, and 2-sided print (including multiple-up) is counted as two. During 2-sided printing, if an error occurs after one side is printed properly, it is counted as one page.

When printing color data, which has been converted by using ICC profile on an application, with the `Color` setting, the data is printed by color even if it seems to be black and white data on the monitor. In that case, `Meter 1` and `Meter 4` are increased.

When doing 2-sided printing, a blank page may be inserted automatically depending on the settings of the application. In this case, the blank page is counted as one page. However, when doing 2-sided printing for odd number of pages, the blank page inserted to the back side of the last odd page is not counted.

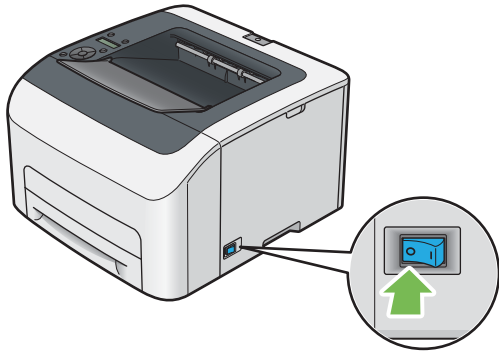
See also:

- "Meter Readings" on page 104

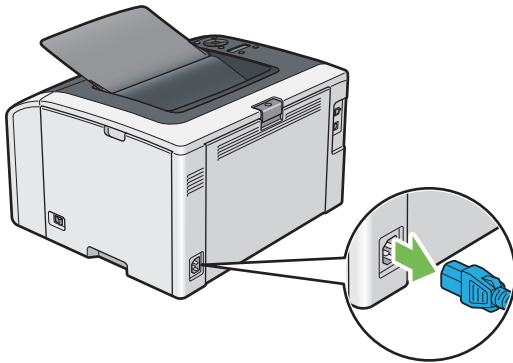
- 1 Press the  (**Menu**) button.
- 2 Select `Meter Readings`, and then press the  button.
- 3 Check the values for each meter.

Moving the Printer

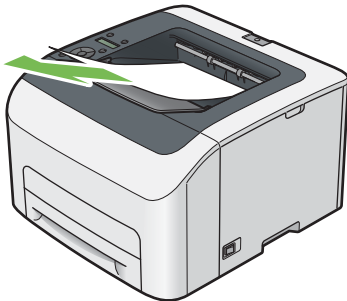
- 1 Turn off the printer.



- 2 Disconnect the power cord and the other cables.

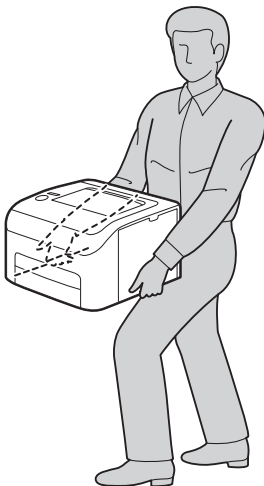


- 3 Remove any paper in the center output tray if there is.



- 4 Close the output tray extension if it is opened.

- 5 Lift the printer and move it gently.



6 Adjust the color registration before using your printer.

See also:

- "Adjusting Color Registration" on page 150

Contacting Fuji Xerox

- "Technical Support" on page 180
- "Online Services" on page 181

Technical Support

Fuji Xerox recommends the Customer first utilize support materials shipped with the product, product diagnostics, information contained on the web, and e-mail support. If unsuccessful, to obtain service under product warranty the Customer must notify Fuji Xerox Telephone Support or its authorized service representative of the defect before the expiration of the warranty period. Customer will provide appropriate assistance to Telephone Support personnel to resolve issues, such as restoration of the operating system, software program and drivers to their default configuration and settings, verification of functionality of Fuji Xerox supplied products, replacement of customer replaceable units, clearing paper misfeeds and cleaning the unit and other prescribed routine and preventative maintenance.

If the Customer's product contains features that enable Fuji Xerox or its authorized service representative to diagnose and repair problems with the product remotely, Fuji Xerox may request that the Customer allow such remote access to the product.

Online Services

You can find detail Product and Consumable warranty information on our website at <http://www.fujixeroxprinters.com/>

Fuji Xerox Online Support Assistant provides instructions and troubleshooting guides to resolve your printer problems. It is an easy-to-use, searchable online help. To find out more, please visit our online support at <http://www.fujixeroxprinters.com/>

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DocuPrint CP225 w

User Guide

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