FUJI XEROX

DocuPrint CM115 w
User Guide

In this manual, safety instructions are preceded by the symbol ⚠. Always read and follow the instructions before performing the required procedures.

It may be a legal offence to print currency notes, certificates of stocks and securities, or any other documents of similar nature, regardless of whether they will be used.

Fuji Xerox is not responsible for any breakdown of machines due to infection of computer virus or computer hacking.

IMPORTANT:

1. This manual is copyrighted with all rights reserved. Under the copyright laws, this manual may not be copied or modified in whole or part, without the written consent of the publisher.
2. Parts of this manual are subject to change without prior notice.
3. We welcome any comments on ambiguities, errors, omissions, or missing pages.
4. Never attempt any procedure on the machine that is not specifically described in this manual. Unauthorized operation can cause faults or accidents. Fuji Xerox is not liable for any problems resulting from unauthorized operation of the equipment.

Preface

Thank you for purchasing the DocuPrint CM115 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, copy, and scan functions.

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.

Contents

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.

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.

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 Copying	Describes how to copy documents and the adjustment features.
7 Scanning	Describes how to set and use the Scan features.
8 Using the Operator Panel Menus and Keypad	Describes the setting items available on the operator panel, their setup procedures, and how to use the numeric keypad.
9 Digital Certificates	Describes how to create and manage digital certificates.
10 Troubleshooting	Describes the troubleshooting tips for printer problems such as paper jams.
11 Maintenance	Describes how to clean the printer, how to replace toner cartridges, and how to see the printer status.
12 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.
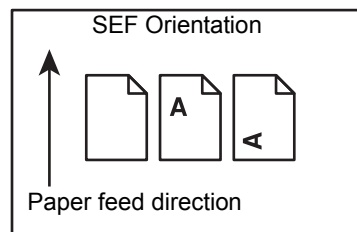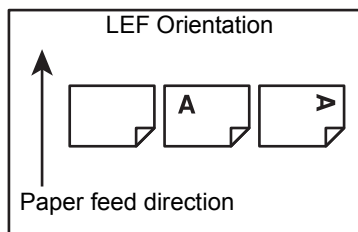
- Some of the items in the screen shots and illustrations may not be displayed or available depending on your printer model.

Product Features

Easy Wireless Connection Set Up (EZInstall)
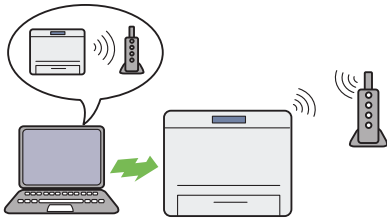
You can easily connect the printer to a wireless network by using the installer on the *Software Pack CD-ROM*.

For more information, see "Configuring Wireless Connection Settings" on page 52.

Manual Duplex Print
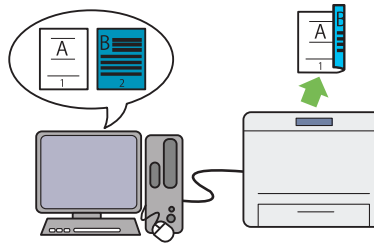
The duplex print feature allows you to print two or more pages on the front and back sides of a single sheet of paper manually. This feature helps reduce paper consumption.

For more information, see "Manual Duplex Printing" on page 95.

N-Up (2-in-1 Copy)
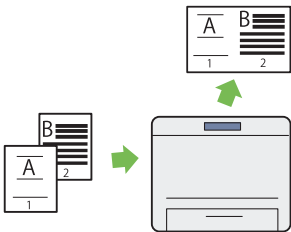
The N-Up copy feature allows you to copy two original pages on a single sheet of paper. This feature helps reduce paper consumption.

For more information, see "N-Up" on page 128.

ID Card Copy
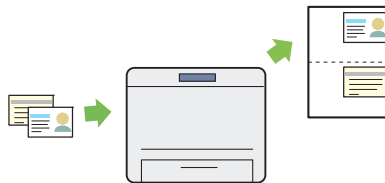
You can copy both sides of an ID card on one side of a single sheet of paper in its original size by pressing the ID Card Copy button on the operator panel. This feature helps to show both sides of an ID card in one page in its original size.

For more information, see "Using the ID Card Copy" on page 131.

Scanning to a USB Storage Device
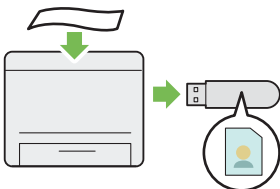
You do not need a computer to connect your USB storage device to save the scanned data. Insert your USB storage device in the port on the printer, and save the scanned data directly to your USB storage device.

For more information, see "Scanning to a USB Storage Device" on page 156.

Priority Sheet Inserter (PSI)
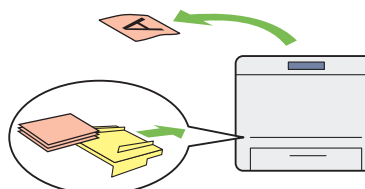
Print media loaded on the PSI is given precedence over those loaded on the multipurpose feeder (MPF). Using the PSI allows you to use other types or sizes of print media preferentially over the regular print media loaded on the MPF.

For more information, see "Loading Print Media in the Priority Sheet Inserter (PSI)" on page 91.

Printing Through Wireless Connection (Wireless Print)
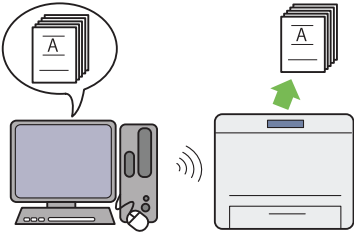
The wireless LAN feature on your printer allows you to install the printer at any location, and enables printing without a wired connection to your computer.

For more information, see "Wireless Connection" on page 41.

USB Direct Print
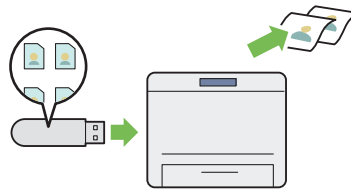
The Print from USB Memory feature allows you to print directly from your USB storage device without requiring you to start your computer and an application.

For more information, see "Direct Print Using the USB Storage Device" on page 103.

Fuji Xerox Imaging Technology

Conventional technology

600 dpi

Jagged line

Enhanced image

2,400 dpi
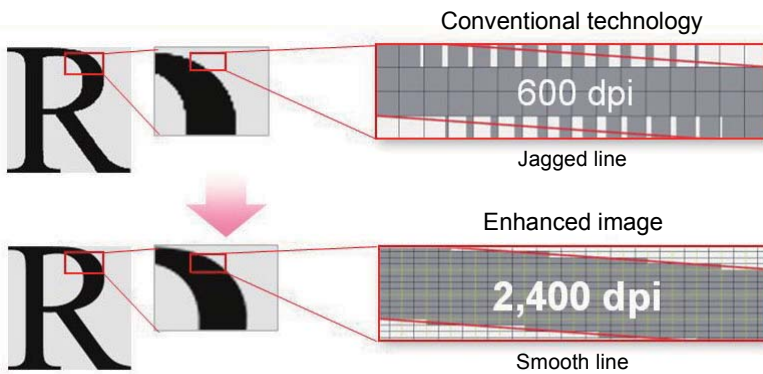
Smooth line

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).

1

Specifications

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

Basic Function/Copy Function

Type	Console
Memory	256 MB
Color Capability	Full color
Scan Resolution	600 × 600 dpi
Print Resolution	1200 × 2400 dpi
Halftone/Printable Colors	256 tones/color (16.7 million colors)
Warm-Up Time	32 seconds or less (at 22°C room temperature) **IMPORTANT:** • It may take longer due to the image quality adjustment.
Original Paper Size	The maximum size is 215.9 × 297 mm for both sheets and books.

Output Paper Size	Multipurpose feeder:
	    Maximum: Legal
	    Minimum: 76.2 × 127 mm (3 × 5")
	
	Priority sheet inserter:
	    Maximum: Legal
	    Minimum: 76.2 × 190.5 mm (3 × 7.5")
	
	Image loss width: Top edge, 4 mm or less; bottom edge, 4 mm or less; left and right edges, 4 mm or less

Output Paper Weight	60 – 163 gsm **IMPORTANT:** • Use paper recommended by Fuji Xerox. Copying may not be performed correctly depending on the conditions.
First Copy Output Time	Monochrome: 24.0 seconds (for A4 ▢/monochrome mode) Color: 40.0 seconds (for A4 ▢/color mode) **IMPORTANT:** • The values may vary depending on the machine configuration.
Reduction/Enlargement	Size-for-Size: 1:1 ± 1.3% Preset %: 50%, 70%, 81%, 100%, 122%, 141%, 200% Variable %: 25 – 400% (1% increments)
Continuous Copy Speed	Monochrome: 12 sheets/minute Color: 10 sheets/minute **IMPORTANT:** • Print speed may decrease due to factors such as paper type, paper size, and printing conditions. • When continuously printing a single document of A4 ▢.
Paper Tray Capacity	Standard: 150 sheets (Multipurpose feeder) + 10 sheets (Priority sheet inserter) Maximum paper capacity: 160 sheets (standard) **IMPORTANT:** • When using Fuji Xerox P paper (64 gsm)
Continuous Copy	99 images **NOTE:** • The machine may pause temporarily to perform image stabilization.
Output Tray Capacity	Approximately 100 sheets (face down ▢) **IMPORTANT:** • When using Fuji Xerox P paper (64 gsm)

Power Supply	AC 110 – 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: • Power outlets that provide the above power level are recommended.
Power Consumption	Maximum power consumption: 790 W or less
	Low power mode: 25 W or less
	Sleep mode: 2 W or less
	Standby mode: 42 W or less
Dimensions	410 (W) × 389 (D) × 318 (H) mm
	IMPORTANT: • When the front cover is closed.
Weight	15 kg
	IMPORTANT: • The weight of paper is not included. • The weight of the toner cartridges is included.
Space Requirement	848 (W) × 937 (D) mm
	IMPORTANT: • When the front cover and rear cover are open.

Print Function

Type	Built-in
Continuous Print Speed	Same as the Copy Function
Print Resolution	Same as the Copy Function
Page Description Language	Host-based
Protocol	TCP/IP (IPv4/IPv6, LPD, IPP, IPPS, Port9100, WSD, HTTP, HTTPS, SMTP, RARP, AutoIP), SNMP, DHCP, DHCPv6, BOOTP, Bonjour (mDNS), AirPrint IEEE 802.11b/802.11g/802.11n (standard) **NOTE:** • WSD stands for Web Services on Devices.

Operating System	Standard: GDI 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)
	  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:
	• For information about the latest supported OS, refer to the Fuji Xerox web site.

Interface	Standard: USB 2.0 (Hi-Speed), IEEE 802.11b/802.11g/802.11n

Scan Function

Type	Color scanner
Scan Resolution	1200 × 1200 dpi, 600 × 600 dpi, 300 × 300 dpi, 200 × 200 dpi
Scan Speed	Monochrome: 18 sheets/minute Color: 7 sheets/minute (600 dpi, Scan to PC) **IMPORTANT:** • The scanning speed varies depending on documents.
Interface	Same as the Print Function

Scan to PC	Protocol: TCP/IP (SMB, FTP)
	Operating System:
	    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
	
	IMPORTANT:
	• For information about the latest supported OS, refer to the Fuji Xerox web site.
	File Format:
	    Monochrome binary:
	        TIFF (Compression type: MMR)
	        PDF (v1.7) (Compression type: MMR)
	    Gray scale/Full color:
	        TIFF (Compression type: JPEG)
	        JPEG (Compression type: –)
	        PDF (v1.7) (Compression type: JPEG)

Scan to E-mail	Protocol: TCP/IP (SMTP, POP3)
	File Format:
	    Monochrome binary:
	        TIFF (Compression type: MMR)
	        PDF (v1.7) (Compression type: MMR)
	    Gray scale/Full color:
	        TIFF (Compression type: JPEG)
	        JPEG (Compression type: –)
	        PDF (v1.7) (Compression type: JPEG)

2

Basic Operation

Main Components

■ Front View
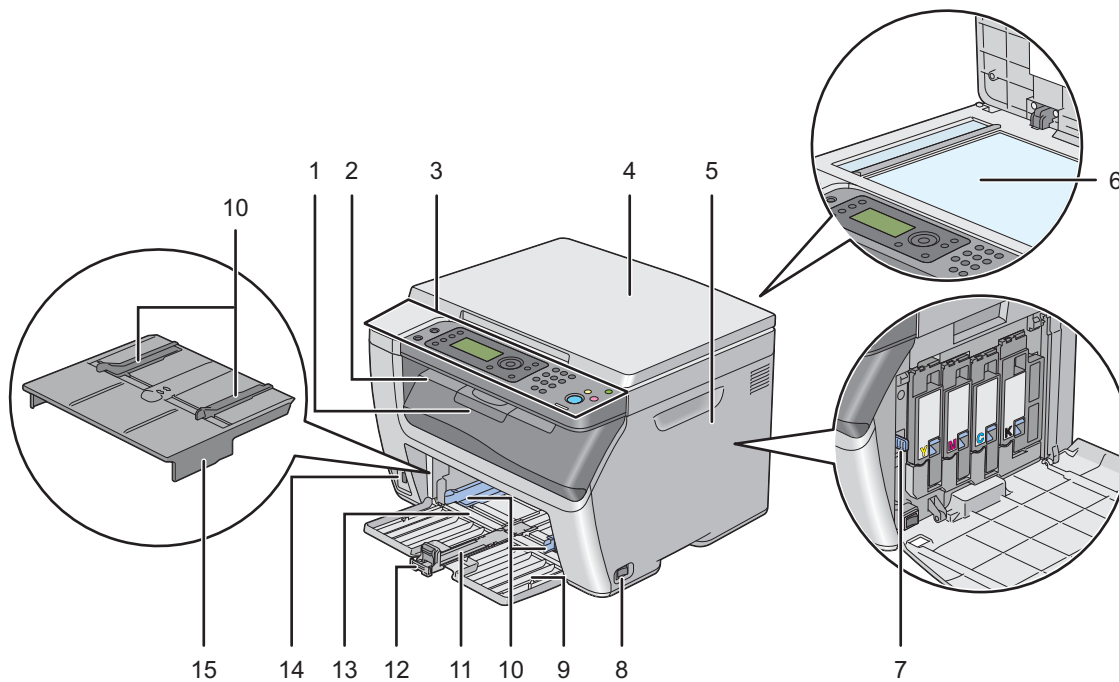
1	Output Tray Extension	2	Center Output Tray
3	Operator Panel	4	Document Cover
5	Toner Access Cover	6	Document Glass
7	Print Head Cleaning Rod	8	Power Switch
9	Front Cover	10	Paper Width Guides
11	Slide Bar	12	Length Guide
13	Multipurpose Feeder (MPF)	14	USB Drive
15	Priority Sheet Inserter (PSI)		

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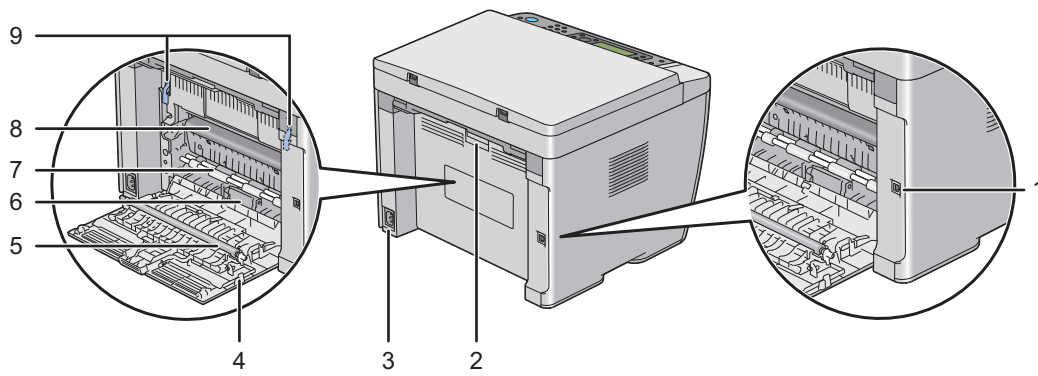
1	USB Port	2	Rear Cover Handle
3	Power Connector	4	Rear Cover
5	Transfer Roller	6	Paper Chute
7	Paper Feed Roller	8	Transfer Belt
9	Levers		

■ Operator Panel
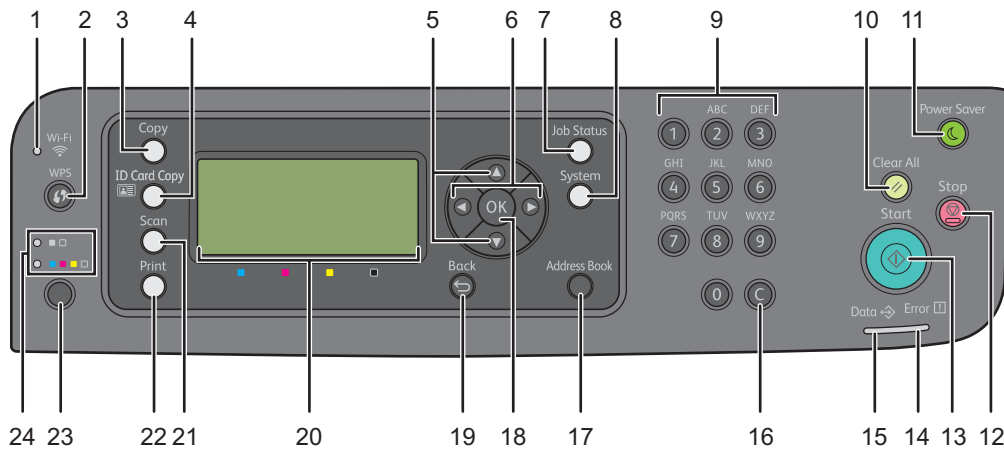
1	🛜 (**Wi-Fi**) LED	Lights up when wireless connection is established, and blinks in certain conditions.
2	⚡ (**WPS**) button	Starts WPS-PBC (Wi-Fi Protected Setup™-Push Button Configuration).
3	**Copy** button/LED	Moves to the Copy menu.
4	🖼 (**ID Card Copy**) button/LED	Moves to the ID Card Copy menu.
5	▲ ▼ buttons	Moves a cursor or highlight up or down.
6	◀ ▶ buttons	Moves a cursor or highlight left or right.
7	**Job Status** button/LED	Moves to the Job Status menu.
8	**System** button/LED	Moves to the System menu.
9	Numeric keypad	Enters characters and numbers.
10	⧸ (**Clear All**) button	Resets the current setting, and returns to the top screen of each menu.
11	☾ (**Power Saver**) button/LED	Lights up in the sleep mode. Press this button to exit the sleep mode.
12	⊘ (**Stop**) button	Cancels the current processing or pending job.
13	◇ (**Start**) button	Starts a job.
14	⚠ (**Error**) LED	Lights up when the printer has an error.
15	⬌ (**Data**) LED	Lights up for incoming, outgoing, or pending jobs.
16	**C** (**Clear**) button	Deletes characters and numbers.
17	**Address Book** button	Pressing this button at the Scan menu, moves to the Address Book menu.
18	(ок) button	Confirms the entry of values.
19	↩ (**Back**) button	Returns to the previous screen.
20	LCD Panel	Displays various settings, instructions, and error messages.
21	**Scan** button/LED	Moves to the Scan menu.
22	**Print** button/LED	Moves to the Print menu.
23	**Color Mode** button	Switches the color mode.
24	**B&W**/**Color** LED	Lights up to indicate which color mode is selected.

NOTE:

• Moving to a different menu or returning to a previous screen cancels the current entry or setting. Make sure to press the (ок) button to save the current entry or setting.

• See "Using the Numeric Keypad" on page 193 for details on how to use the numeric keypad to enter alphanumeric characters.

Status of Wi-Fi LED

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

See also:

- "Wireless Problems" on page 229

🛜 (Wi-Fi) LED	`Wi-Fi` settings*	Printer Status
● Off	`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 for wireless LAN access point or router
☀ Blinking slowly	`On`	Searching/Connecting for 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 169.

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 20).
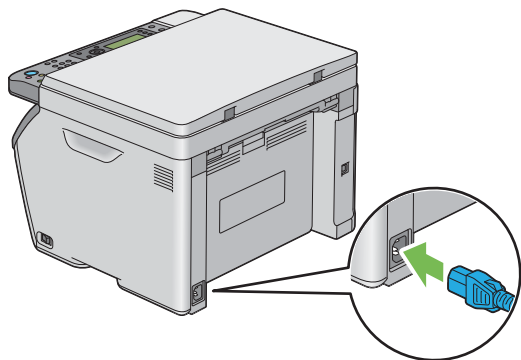
2 Connect the other end of the cord to the power source.

3 Turn on the printer.
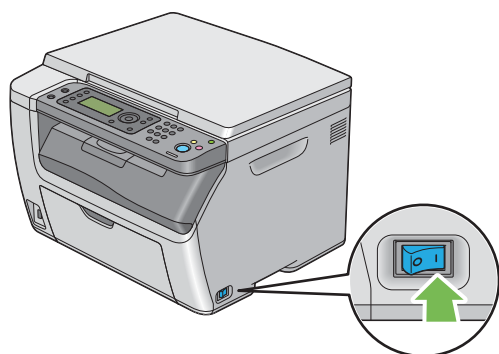
NOTE:

- When you turn on the printer for the first time, follow the on-screen instructions on the LCD panel to configure the initial settings of your printer.

See also:

- "Setting Initial Settings on the Operator Panel" on page 25

■ Turning Off Your Printer

1 Turn off the printer.

    NOTE:

      • The data in the memory is cleared when the printer is turned off.
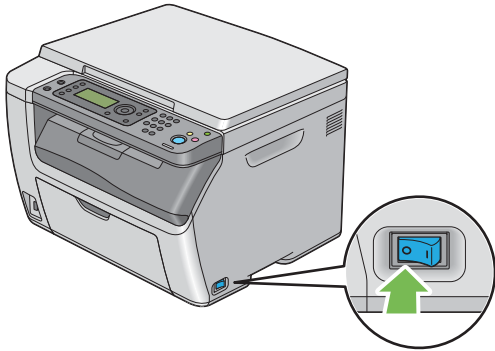
Setting Initial Settings on the Operator Panel

You need to set the printer language, clock date, and time when you turn on the printer for the first time.

When you turn the printer on, the wizard screen to perform the initial setup appears on the LCD panel. Follow the steps below to set the initial settings.

NOTE:
- If you do not start configuring the initial settings, `Ready` appears on the LCD panel in three minutes. After that, you can set the following initial setup by enabling `Power On Wizard` on the operator panel if needed.
  For more information about the operator panel, see "Understanding the Printer Menus" on page 164.

1 Select the language you want to use on the operator panel, and then press the (OK) button.

2 Press the (OK) button to start setting the region.

3 Select your region, and then press the (OK) button.

4 Select the appropriate time zone, and then press the (OK) button.

5 Specify the current date, and then press the (OK) button.

6 Specify the current time, and then press the (OK) button.

7 Press the (OK) button to complete the initial settings on the operator panel.

Printing a Panel Settings Page

■ Using the Operator Panel

1 Press the **System** button.

2 Select `Report / List`, and then press the (OK) button.

3 Select `Panel Settings`, and then press the (OK) 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 LCD backlight turns off. In the sleep mode, the ☾ (**Power Saver**) button lights up. The LCD panel 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 191

3

Printer Management Software

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

Print and Scan Drivers

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

- The print driver enables your computer and printer to communicate and provides access to your printer features.
- The scan driver enables you to scan images directly to your personal computer and place scanned images directly into an application via USB or the network.

The scan driver is installed with your print driver. It is available for Microsoft® Windows® and Mac OS X.

See also:

- "Configuring Printer and Installing Software on Windows" on page 50
- "Configuring Printer and Installing Software on Mac OS X" on page 72

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 your 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 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, Troubleshooting Guide, Address Book Editor, and Express Scan Manager.

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.
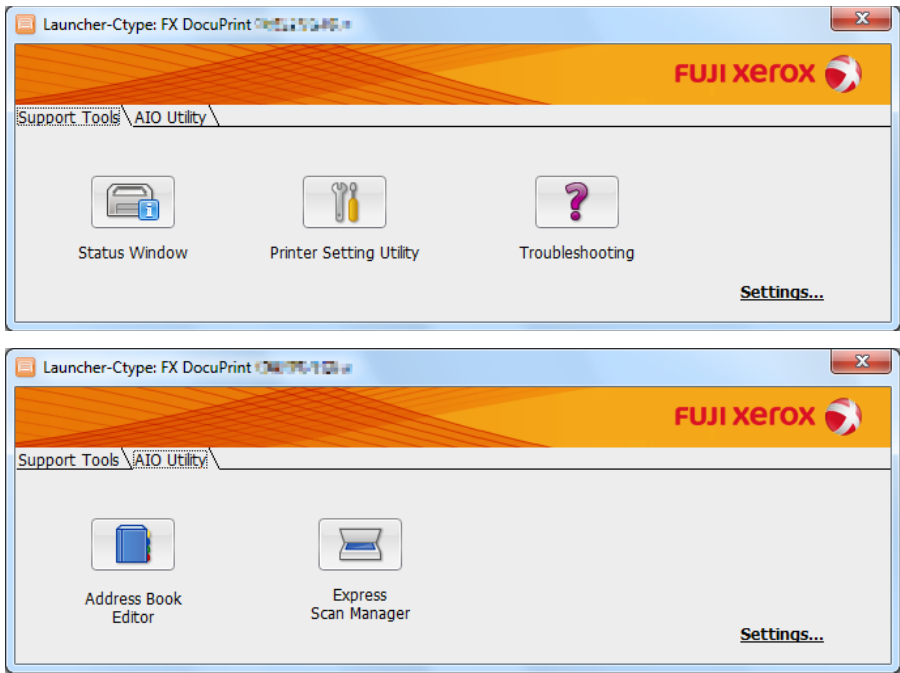
2   The **Launcher-Ctype** window provides the following buttons; **Status Window**, **Printer Setting Utility**, **Troubleshooting**, **Address Book Editor**, and **Express Scan Manager**.

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:** • "SimpleMonitor (Windows Only)" on page 32
Printer Setting Utility	Opens the Printer Setting Utility. **See also:** • "Printer Setting Utility (Windows Only)" on page 31
Troubleshooting	Opens the Troubleshooting Guide, which allows you to resolve issues by yourself.
Address Book Editor	Opens the Address Book Editor, which allows you to add and edit Address Book entries. **See also:** • "Address Book Editor" on page 34
Express Scan Manager	Opens the Express Scan Manager. **See also:** • "Express Scan Manager" on page 35

Address Book Editor

The Address Book Editor is installed with your print driver. It is available for Windows and Mac OS X.

The Address Book Editor provides a convenient interface for modifying the printer's Address Book entries. Using it you can add:

- E-Mail entries
- Server entries

When you start the software, the Address Book Editor reads the printer's Address Book. You can add, edit, and delete entries. After making changes, you can save the updated Address Book to the printer or to your computer.

Express Scan Manager

The Express Scan Manager is installed with your print driver. It is available for Windows and Mac OS X.

The Express Scan Manager handles scan jobs sent from the printer to your computer via USB. When scan jobs are sent from the printer to the computer, the Express Scan Manager automatically manages the scan jobs.

Before scanning to your computer, start the Express Scan Manager and configure the output destination of the scanned image files.

Select the **Open the image file** check box to display scanned files saved in the specified destination after scanning.

NOTE:
- When you separately install the Express Scan Manager from the *Software Pack CD-ROM*, you also need to install the scan driver from the *Software Pack CD-ROM*.

See also:
- "Scanning From the Operator Panel - Scan to Application" on page 135

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 setting)

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

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
- 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 76.

■ USB Connection

• For Microsoft® Windows®

1 Connect the printer and the computer with the USB cable.

Refer to "USB Connection" on page 41.

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 51.

• For Mac OS X

1 Connect the printer and the computer with the USB cable.

Refer to "USB Connection" on page 41.

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 72.

■ Wireless Connection

• For Windows

1 Connect the printer to a wireless network.

Refer to "Wireless Connection" on page 41.

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 46.
- You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 47.

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 50.

• For Mac OS X

1 Connect the printer to a wireless network.

Refer to "Wireless Connection" on page 41.

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 46.
- You can also manually set the printer's IP address by using the operator panel. Refer to "Assigning an IP Address Manually" on page 47.

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 72.

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
USB	USB2.0 compatible
Wireless	IEEE 802.11b/802.11g/802.11n
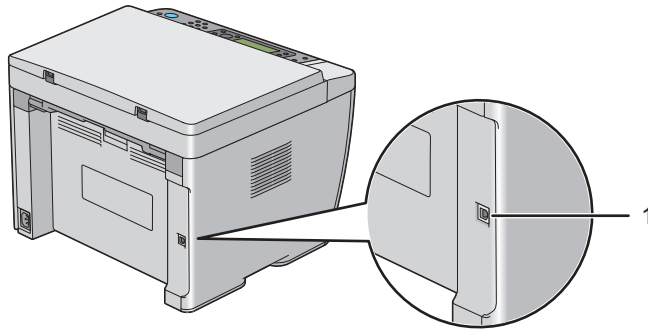
1 USB Port

■Available Features for Each Connection Type

Connect the printer via USB or Wireless. A USB connection is a direct connection and is not used for networking. Wireless connection is used for networking. Hardware and cabling requirements vary for the different connection methods. Wireless LAN access point (Registrar) or router is 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	• Instruct print jobs from a computer. • Scan an image into an application. • Scan an image to a folder on the computer. • Use the Address Book Editor to manage Address Book entries. • Use the Express Scan Manager to handle scan jobs sent from the printer to your 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)
Wireless	• Instruct print jobs from a computer on the network. • Scan an image to a computer on the network. • Scan an image to an FTP server. • Scan to e-mail. • 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.

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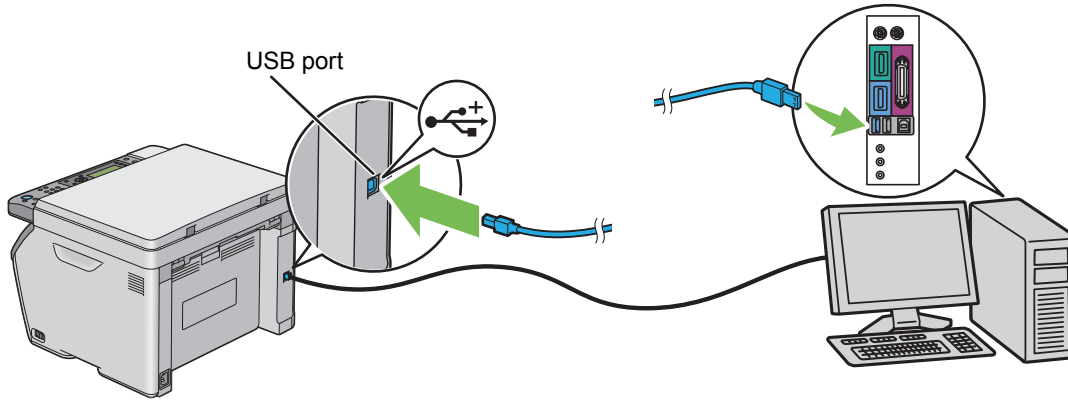
NOTE:
- Do not connect the printer USB cable to the USB slot available on the keyboard.

Wireless Connection

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

Confirm that 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 51.
WPS-PBC (⟨⟩ (**WPS**) button)[1]   Refer to "WPS-PBC (WPS Button)" on page 42.
WPS-PBC (Operator Panel Menu)[1]   Refer to "WPS-PBC (Operator Panel Menu)" on page 43.
WPS-PIN[2]   Refer to "WPS-PIN" on page 43.
Auto SSID Setup   Refer to "Auto SSID Setup" on page 44.
Manual SSID Setup   Refer to "Manual SSID Setup" on page 44.

[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 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 22.
  If a problem occurs or error messages are displayed on the LCD panel, see "Wireless Problems" on page 229.

1 Press and hold the ⟨⟩ (**WPS**) button on the printer for three seconds.

Confirm that the 📶 (**Wi-Fi**) LED starts to blink slowly and `Press WPS Button on WPS Router` appears on the LCD panel.
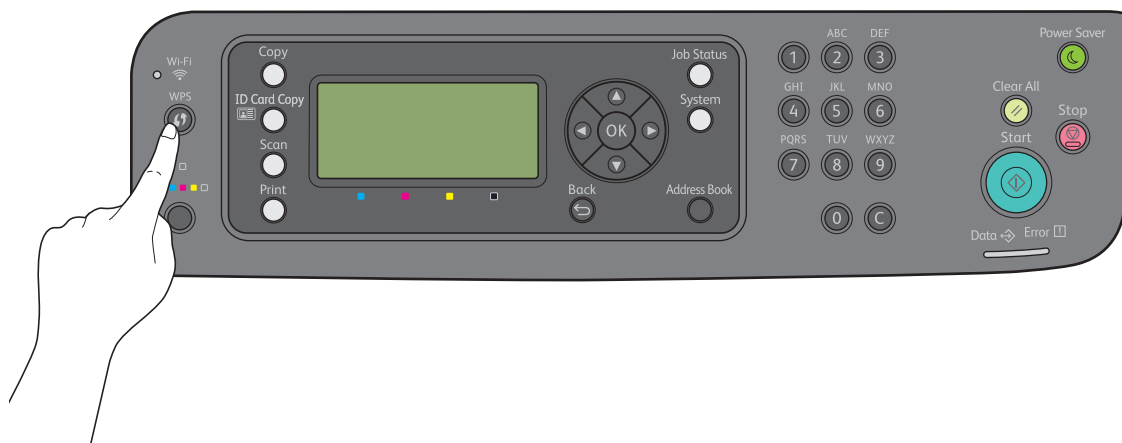
2 Start the WPS operation on the wireless LAN access point (Registrar) or router within two minutes.

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 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 22.
  If a problem occurs or error messages are displayed on the LCD panel, see "Wireless Problems" on page 229.

1 Press the **System** button.

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

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

4 Select `WPS Setup`, and then press the (OK) button.

5 Select `PBC`, and then press the (OK) button.

6 Select `Yes`, and then press the (OK) button.

7 Confirm that the 📶 (**Wi-Fi**) LED starts to blink slowly and `Press WPS Button on WPS Router` appears, and then 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 22.
  If a problem occurs or error messages are displayed on the LCD panel, see "Wireless Problems" on page 229.

1 Press the **System** button.

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

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

4 Select `WPS Setup`, and then press the (OK) button.

5 Select `PIN Code`, and then press the (OK) button.

6 Write down the displayed 8-digit PIN code, or select `Print PIN Code` and press the (OK) button to print the PIN code.

7 Select `Start Configuration`, and then press the (OK) button.

8 Confirm that `Please Wait... WPS AP Searching` appears.

9 Select the SSID of the access point you want to connect to, and then press the (OK) button.

10 Confirm that `Please Wait... Wireless Setting` appears.

11 Enter the PIN code displayed on step **6** into the wireless LAN access point (Registrar) or router.

  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 **System** button.

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

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

4 Select `Wireless Setup`, and then press the (OK) button.

The printer automatically searches the access points on wireless network.

5 Select the desired access point, and then press the (OK) button.

If the desired access point does not appear, see "Manual SSID Setup" on page 44.

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 access point selected in step **5** is WPA2 or Mixed:
- Enter the passphrase, and then press the (OK) button.

When the encryption type of the access point selected in step **5** is WEP:
- 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 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 **System** button.

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

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

4 Select `Wireless 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 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 115.

■ 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 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 115.

Using the Operator Panel

1 Press the **System** button.

2 Select Admin Menu, and then press the (OK) button.

3 Select Network, and then press the (OK) button.

4 Select TCP/IP, and then press the (OK) button.

5 Select IPv4 Wireless, and then press the (OK) button.

6 Select Get IP Address, and then press the (OK) button.

7 Select DHCP/AutoIP, and then press the (OK) 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 **System** button.

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

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

4 Select `TCP/IP`, and then press the (OK) button.

5 Select `IPv4 Wireless`, and then press the (OK) button.

6 Select `Get IP Address`, and then press the (OK) button.

7 Select `Panel`, and then press the (OK) button.

8 Press the ⬅ (**Back**) button.

9 Select `IP Address`, and then press the (OK) button.
The first three digits of the IP address are selected.

10 Enter the value using the numeric keypad.

11 Press the ▶ button.
The next three digits are selected.

12 Repeat steps **10** to **11** to enter all digits in the IP address, and then press the (OK) button.

13 Press the ⬅ (**Back**) button.

14 Select `Subnet Mask`, and then press the (OK) button.
The first three digits of the subnet mask are selected.

15 Enter the value using the numeric keypad.

16 Press the ▶ button.

The next three digits are selected.

17 Repeat steps **15** to **16** to set subnet mask, and then press the (OK) button.

18 Press the ⤺ (**Back**) button.

19 Select `Gateway Address`, and then press the (OK) button.

The first three digits of the gateway address are selected.

20 Enter the value using the numeric keypad.

21 Press the ▶ button.

The next three digits are selected.

22 Repeat steps **20** to **21** to set gateway address, and then press the (OK) button.

23 Turn off and turn on the printer.

See also:
• "Operator Panel" on page 21

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 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 46

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 115

2 Look under the **IPv4** of **TCP/IP** heading on the **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 47.

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**.

A **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 115

2 Confirm the IP address next to **IP Address** under **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 47.

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 drivers and software. If you have already established printer connection, see "Using Installer to Install Software" on page 53 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**.
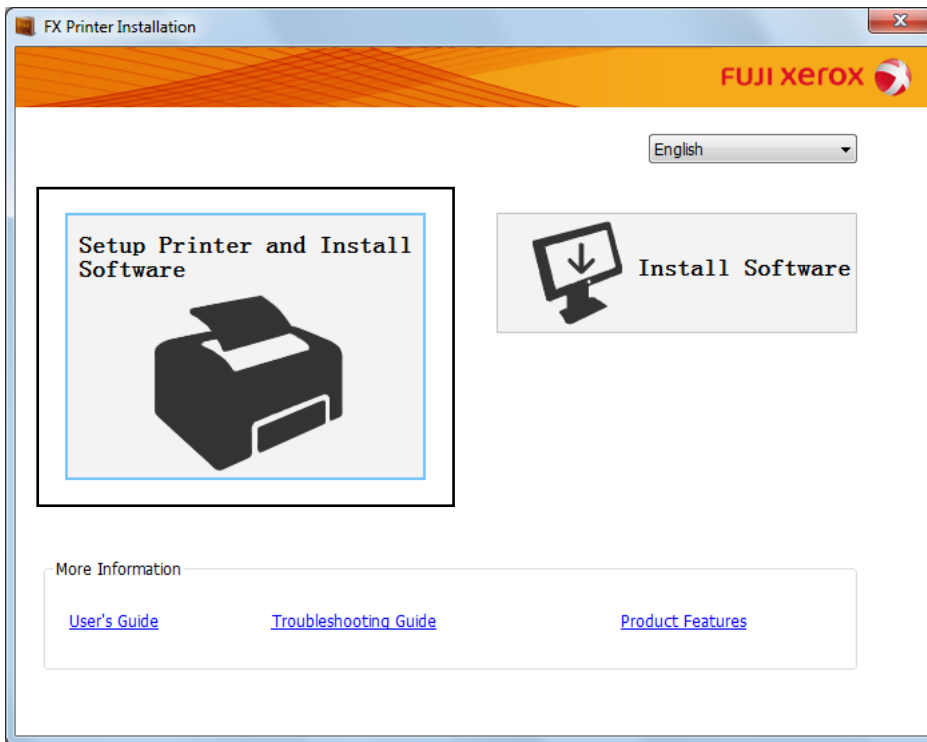
3 If you agree to the terms of the **License Agreement**, choose **I accept the terms of the license agreement**, and then click **Next**.

4 Select a connection method to the printer.

For the wireless connection, see "Configuring Wireless Connection Settings" on page 52.

For the USB connection, see "Configuring USB Connection Settings" on page 53.
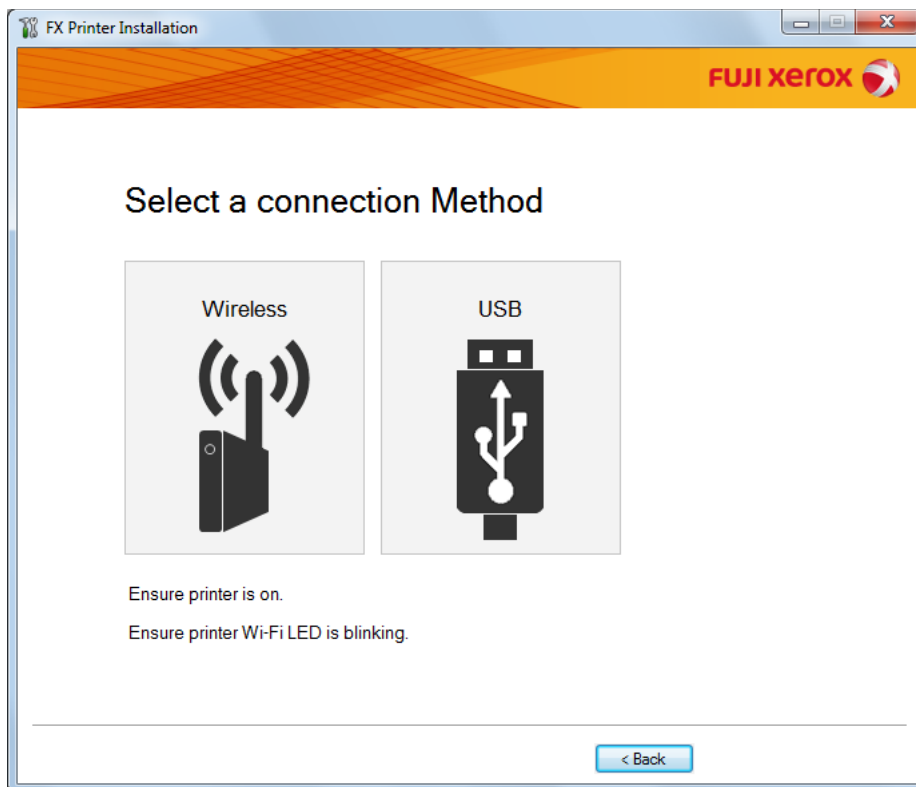
Configuring Wireless Connection Settings

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.

■ Using Installer to Install Software

If the printer connection via USB/Wireless is already configured and you want to perform the 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 51, the following procedure is not necessary.

1 Click **Install Software**.
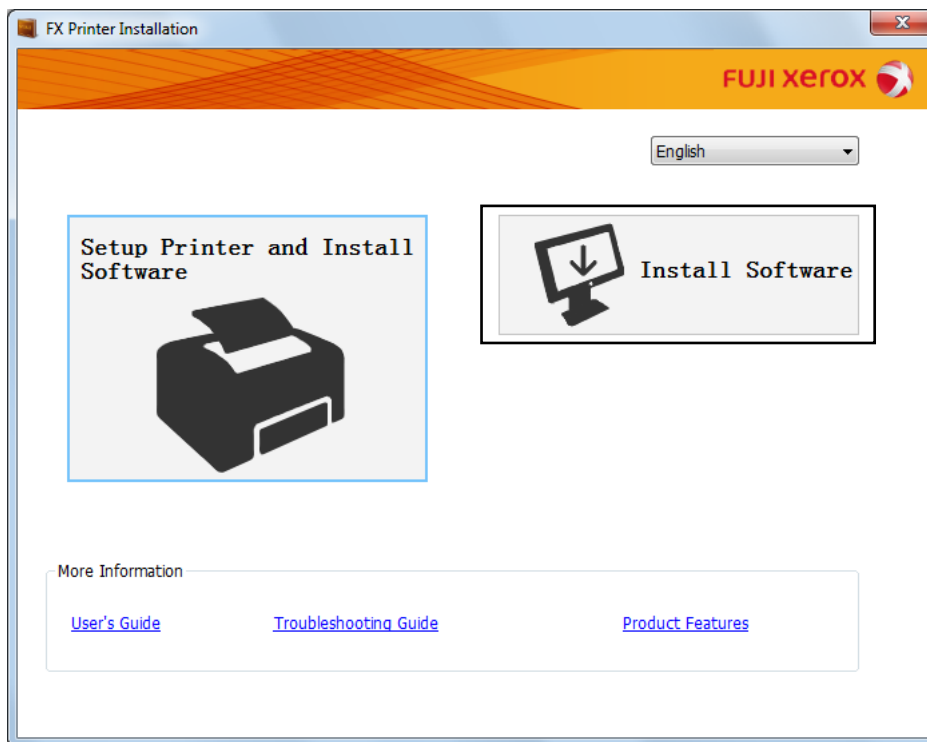
2 If you agree to the terms of the **License Agreement**, choose **I accept the terms of the license agreement**, and then click **Next**.

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 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® 2012

  For 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 54.

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 54.

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 54.

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 54.

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 54.

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 54.

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 54.

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 54.

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 54.

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 51.

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 51.

• 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 or Windows 7, 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*.

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**.
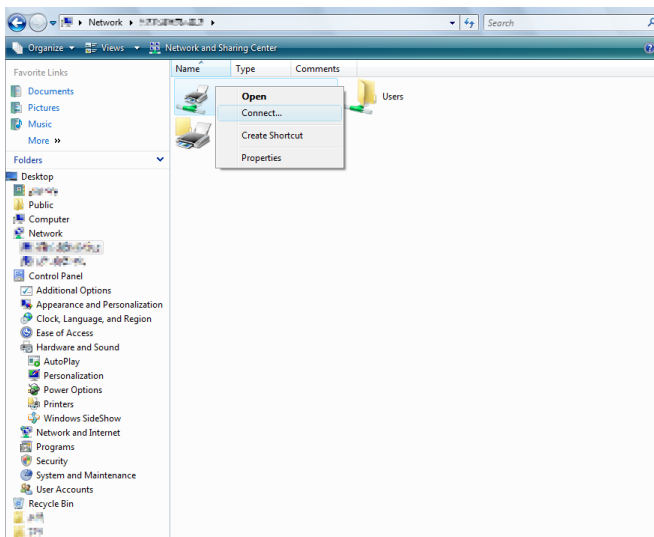
4   Click **Install driver**.

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**.
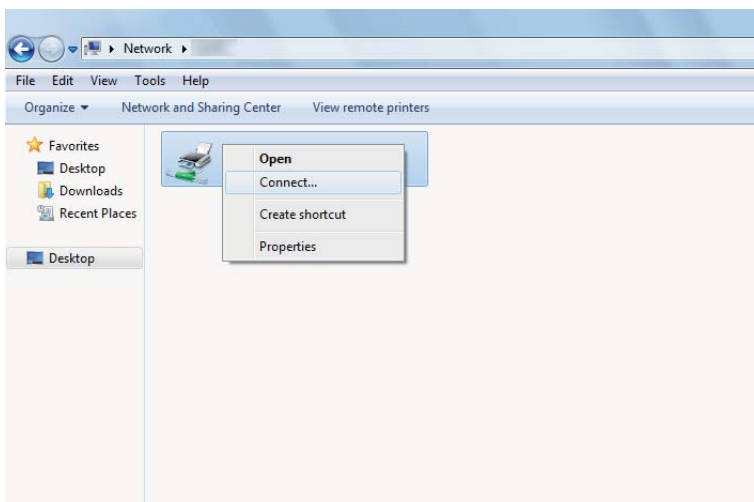
4 Click **Install driver**.

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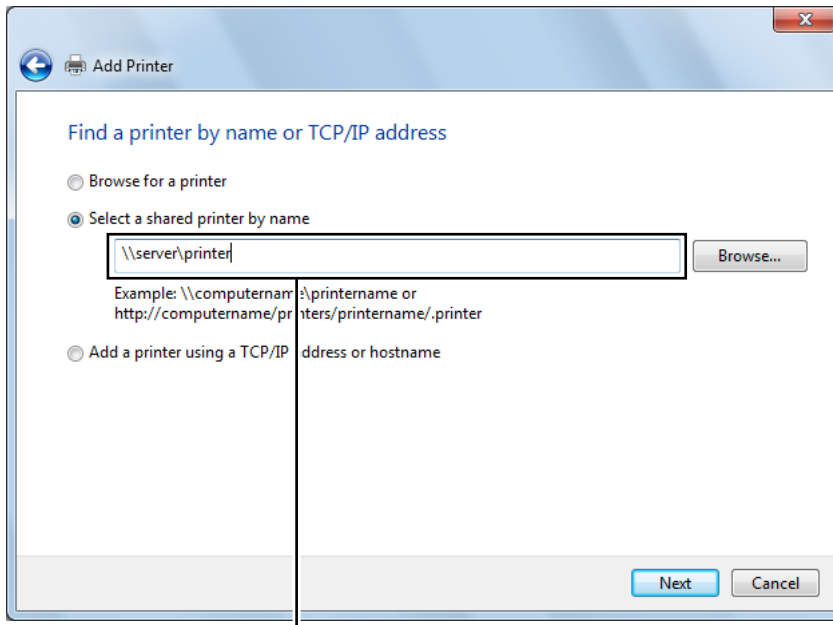
  For example: \\<server host name>\<shared printer name>

  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, you need to specify the path to the available drivers.

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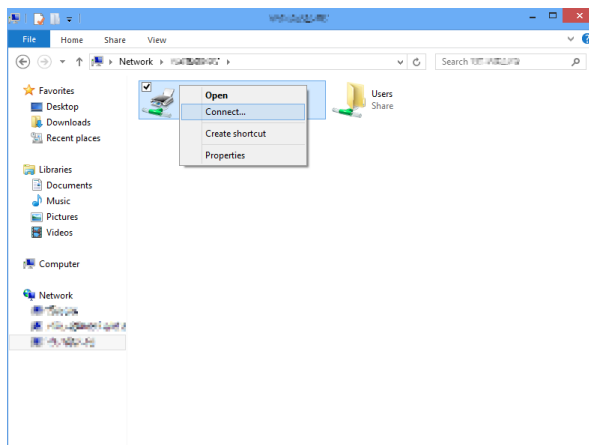
• **For Windows 8, Windows 8 64-bit Edition, Windows 8.1, Windows 8.1 64-bit Edition, Windows Server 2012, and Windows Server 2012 R2**

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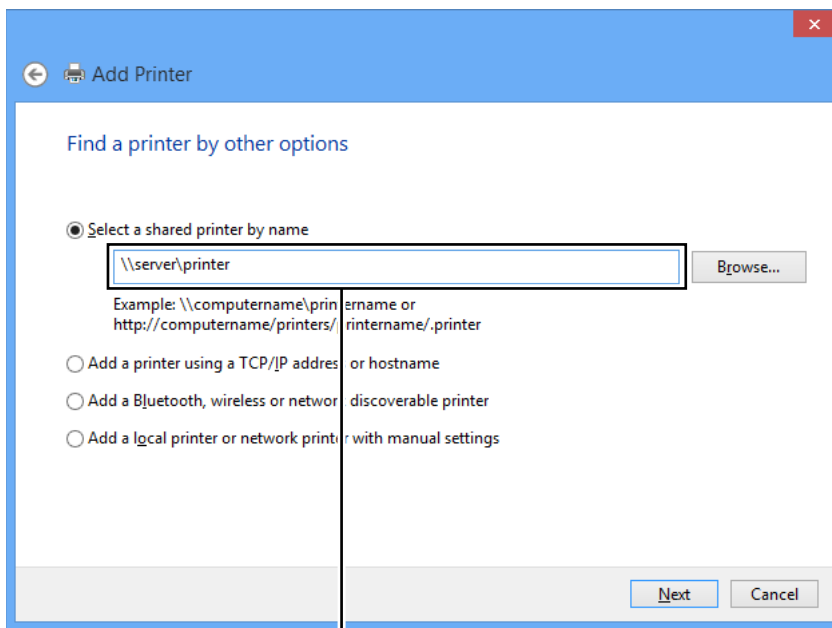
For example: \\<server host name>\<shared printer name>

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 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 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 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 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 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 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 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 78.

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

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:

- Envelopes can be printed from the multipurpose feeder (MPF) and priority sheet inserter (PSI).
- Fan paper or other specialty media before loading in the 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 Multipurpose Feeder (MPF)" on page 85
- "Loading Print Media in the Priority Sheet Inserter (PSI)" on page 91
- "Loading Envelope in the Multipurpose Feeder (MPF)" on page 89
- "Loading Envelope in the Priority Sheet Inserter (PSI)" on page 93
- "Printing on Custom Size Paper" on page 108

■ 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:

Multipurpose Feeder (MPF)

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 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	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 can be supported by LEF with their flaps open.

Priority Sheet Inserter (PSI)

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)
	Com 10 SEF (4.125 × 9.5 inches)
	DL SEF (110 × 220 mm)
	Custom size: Width: 76.2 – 215.9 mm (3 – 8.5 inches) Length: 190.5 – 355.6 mm (7.5 – 14 inches)
Paper Type	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	10 sheets of standard paper

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 Multipurpose Feeder (MPF)" on page 85
- "Loading Print Media in the Priority Sheet Inserter (PSI)" on page 91
- "Loading Envelope in the Multipurpose Feeder (MPF)" on page 89
- "Loading Envelope in the Priority Sheet Inserter (PSI)" on page 93
- "Loading Letterhead in the Multipurpose Feeder (MPF)" on page 91
- "Loading Letterhead in the Priority Sheet Inserter (PSI)" on page 95

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 feeder, specify the same paper type on the operator panel.

■ Capacity

The MPF 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

The PSI can hold:

• 10 sheets of standard paper or one sheet of other paper

■ Print Media Dimensions

The MPF 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)

The PSI accepts print media within the following dimensions:

• Width: 76.2 – 215.9 mm (3.00 – 8.50 inches)
• Length: 190.5 – 355.6 mm (7.50 – 14.00 inches)

■ Loading Print Media in the Multipurpose Feeder (MPF)

NOTE:
- To avoid paper jams, do not remove the priority sheet inserter (PSI) while printing is in progress.
- Use only laser print media. Do not use ink jet paper in this printer.

1 Open the front cover.
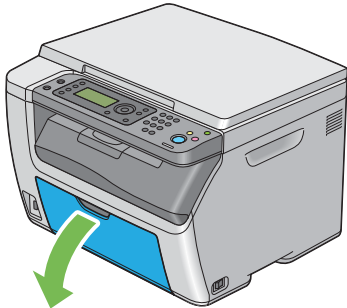
NOTE:
- When you use the MPF for the first time, open the front cover by pulling out the instruction sheet.
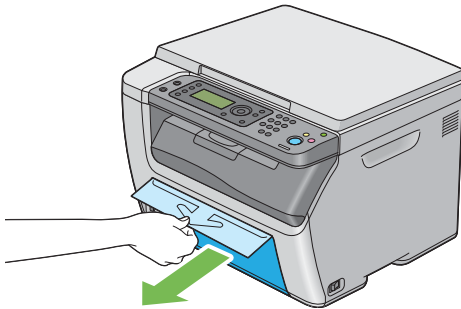
2 Pull the PSI out.
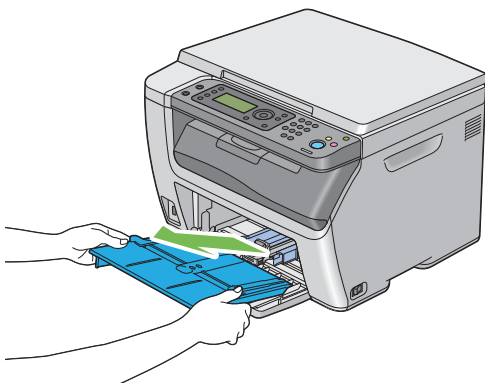
NOTE:
- When you use the MPF for the first time, remove the instruction sheet attached to the PSI with adhesive tape.
- Read the instruction sheet before you use the PSI.
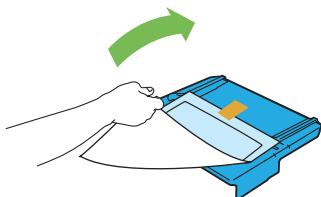
3 Pull the slide bar forward until it stops.
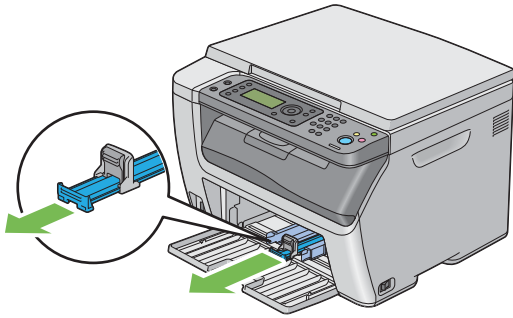
4 Pinch the length guide and pull it forward until it stops.
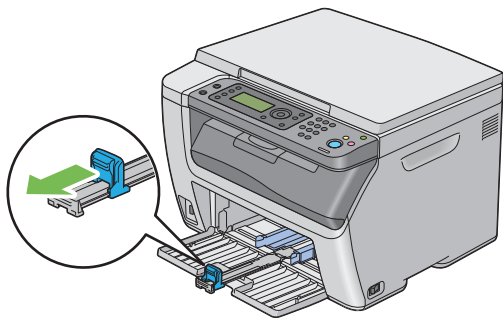
5 Adjust the paper width guides to their maximum width.
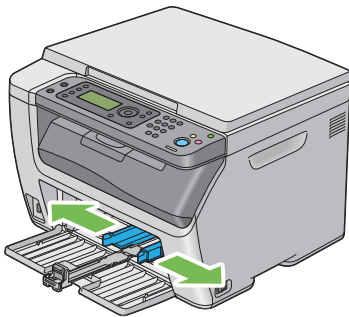
6 Before loading the print media, flex the sheets and fan them. Straighten the edges of the stack on a level surface.
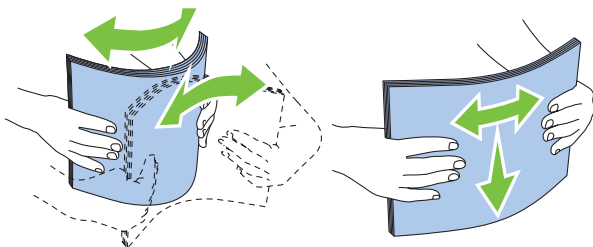
7 Load print media on the MPF with the top edge first and with the recommended print side facing up.
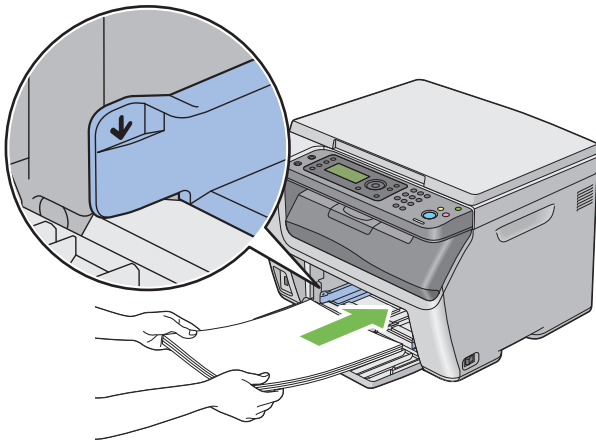
8 Adjust the paper width guides until they rest lightly against the edges of the stack of print media.
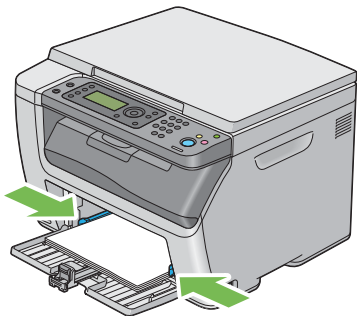
9 Pinch the length guide and slide it towards the printer until it touches the print media.
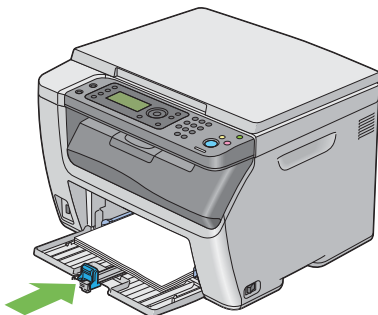
NOTE:
• Depending on the size of print media, first slide the slide bar backward until it stops, and then pinch the length guide and slide it backward until it touches print media.
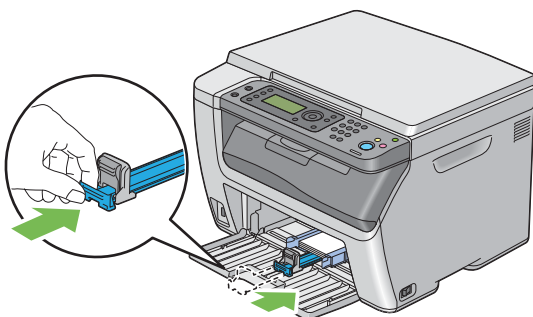
10 Insert the PSI into the printer and then align the PSI to the marking on the MPF.
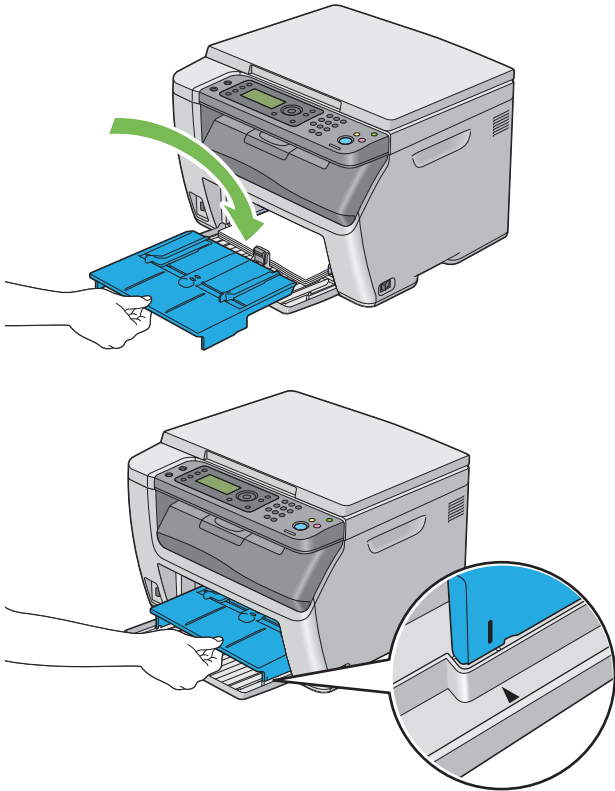
11 Select the paper type from the print driver if the loaded print media is not plain paper. If a user-specified print media is loaded in the MPF, you must specify the paper size setting by using the print driver.

NOTE:

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

NOTE:

- For standard-size paper, adjust the length guide and paper width guides first and then load paper.

Loading Envelope in the Multipurpose Feeder (MPF)

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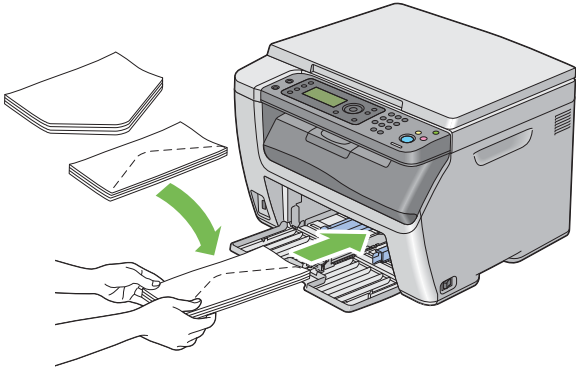
To prevent DL and Monarch from being wrinkled, they are recommended to be loaded with the flaps opened. Place the print side facing up, and the flaps come at the bottom when you face towards the printer.
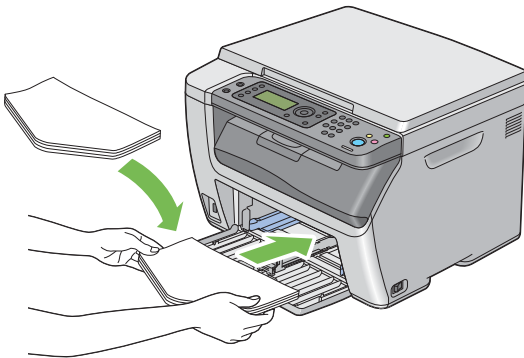
NOTE:

- 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.
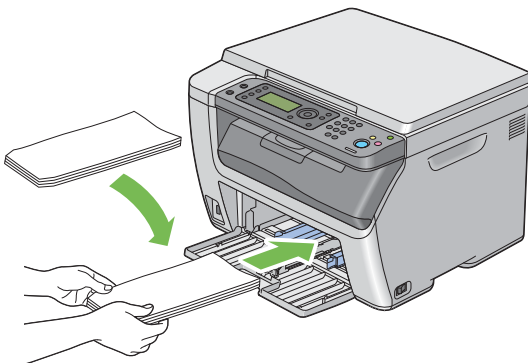
IMPORTANT:

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

NOTE:

- Up to 10 envelopes can be loaded in the MPF.
- If you do not load envelopes in the MPF right after they have been removed from the packaging, they may bulge. To avoid jams, flatten the envelopes before loading them in the MPF. When flattening the envelopes, firmly press down on the entire surface of the envelopes as shown below.

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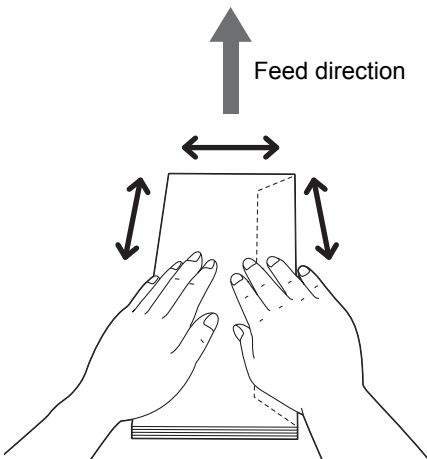
- If envelopes are still not fed correctly, curl the edge of the envelopes as shown in the following illustration. The amount of the curl should be 5 mm (0.20 inches) or less, 2 or 3 mm (0.08 or 0.12 inches) is recommended. The area of the curl should be 8 – 10 mm (0.32 – 0.39 inches) from the top edge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

Feed direction

2 or 3 mm
(0.08 or 0.12 inches)

8 – 10 mm
(0.32 – 0.39 inches)
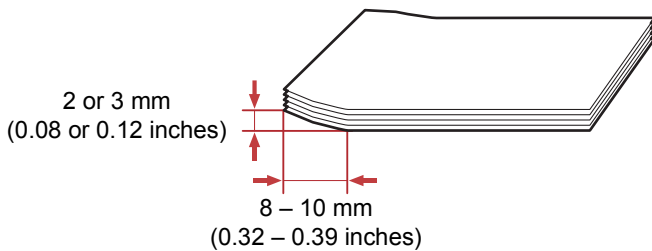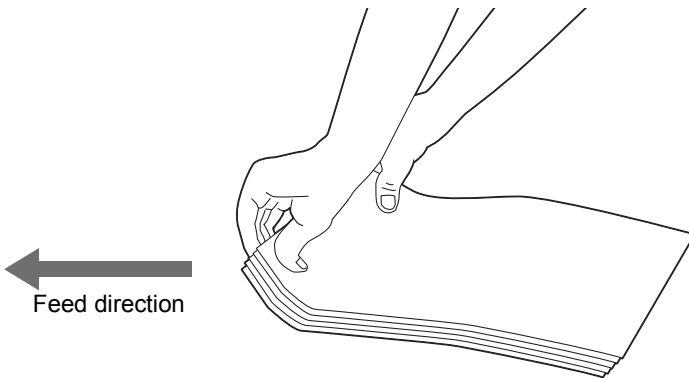
- To confirm the correct orientation of envelopes, see the instruction on the Envelope/Paper Setup Navigator on the print driver.

Loading Letterhead in the Multipurpose Feeder (MPF)

Load the letterhead in the printer with the print side facing up. Make sure that the title on the letterhead enters the printer first.
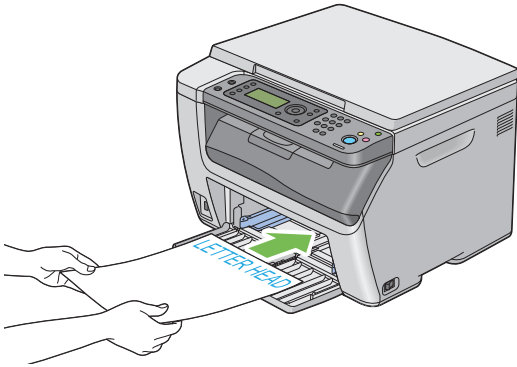
■ Loading Print Media in the Priority Sheet Inserter (PSI)

NOTE:

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

1 Open the front cover.
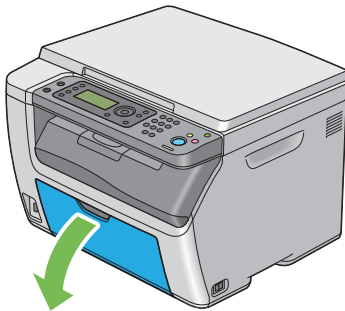
2 Slide the PSI forward, and then align the PSI to the marking on the MPF.
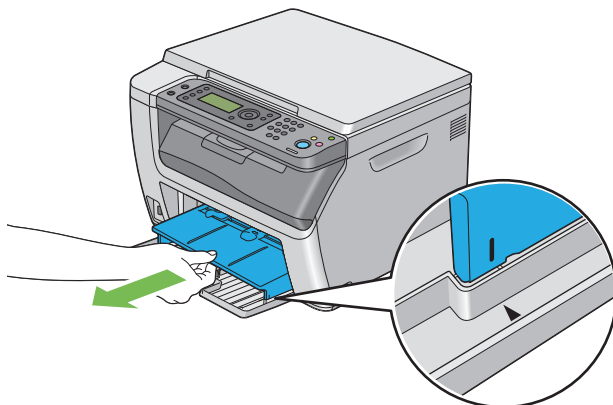
3 Adjust the paper width guides to their maximum width.
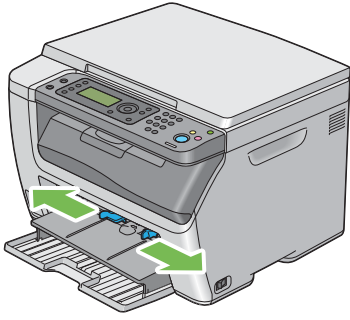
4 Before loading the print media, flex the sheets and fan them. Straighten the edges of the stack on a level surface.
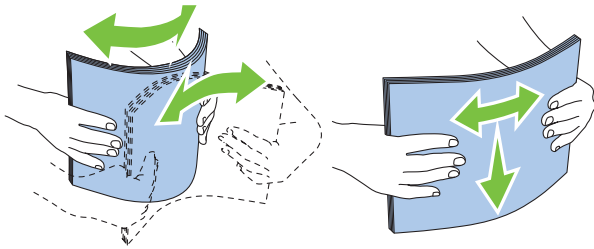
5 Load print media on the PSI with the top edge first and with the recommended print side facing up.
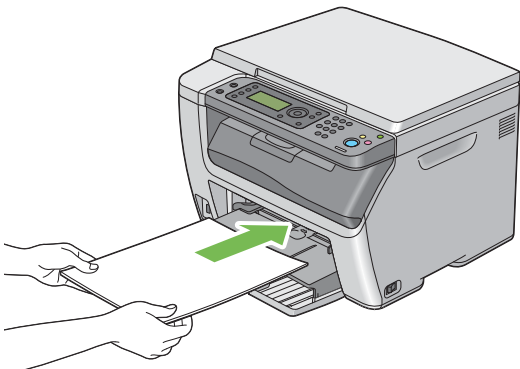
6 Adjust the paper width guides until they rest lightly against the edges of the stack of print media.
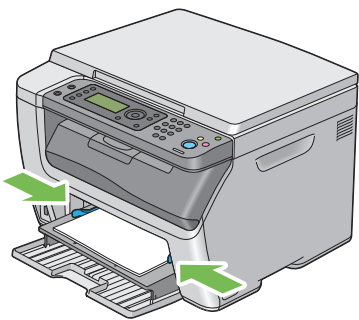
7 Select the paper type from the print driver if the loaded print media is not plain paper. If a user-specified print media is loaded in the PSI, you must specify the paper size setting by using the print driver.

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 Priority Sheet Inserter (PSI)

NOTE:

- Be sure to fully insert the envelope until it stops. Otherwise, print media that is loaded on the MPF will be fed.
- 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 an envelope with the flap closed. Place the print side facing up, and the flap comes at the right when you face towards the printer.
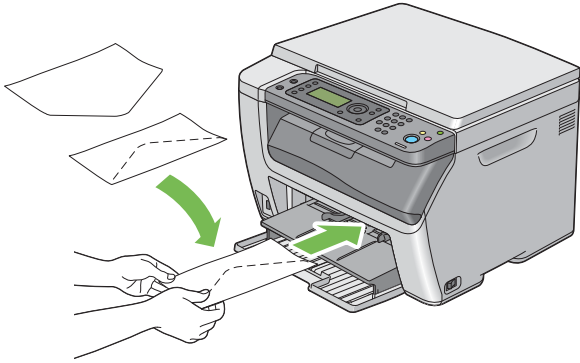
• When Loading C5

Load an envelope with the flap opened. Place the print side facing up, and the flap comes at the bottom when you face towards the printer.
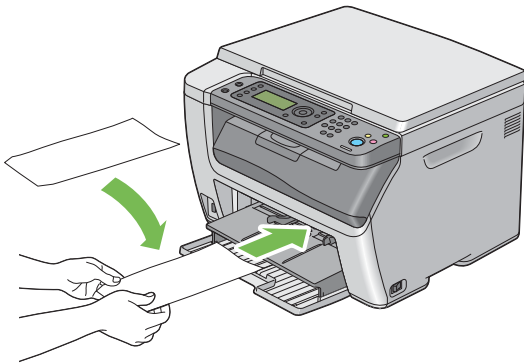

IMPORTANT:

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

NOTE:

- The maximum number of envelopes that can be loaded in the PSI is one.
- If you do not load an envelope in the PSI right after it has been removed from the packaging, it may bulge. To avoid jams, flatten the envelope before loading it in the PSI. When flattening the envelopes, firmly press down on the entire surface of the envelopes as shown below.


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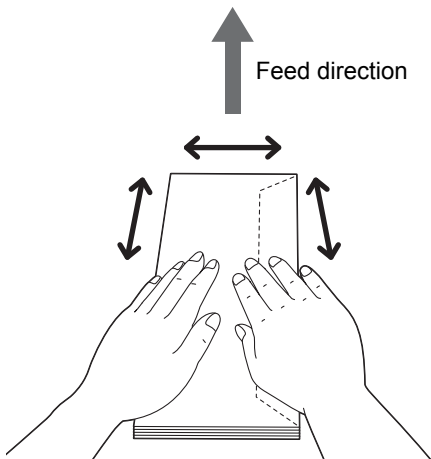
- If an envelope is still not fed correctly, curl the edge of the envelope as shown in the following illustration. The amount of the curl should be 5 mm (0.20 inches) or less, 2 or 3 mm (0.08 or 0.12 inches) is recommended. The area of the curl should be 8 – 10 mm (0.32 – 0.39 inches) from the top edge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

Feed direction

2 or 3 mm
(0.08 or 0.12 inches)

8 – 10 mm
(0.32 – 0.39 inches)
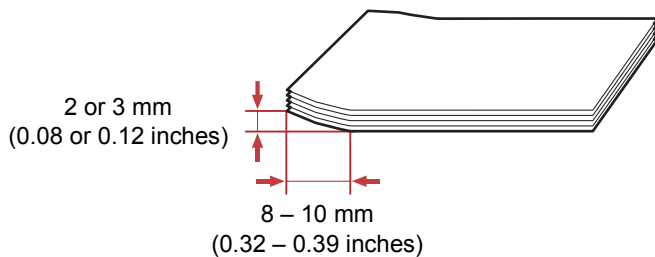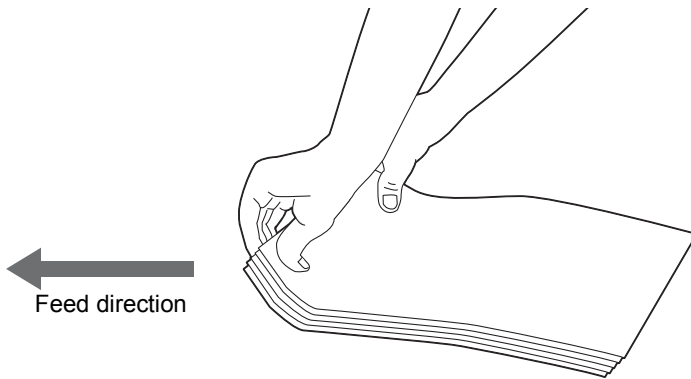
- To confirm the correct orientation of envelope, see the instruction on the Envelope/Paper Setup Navigator on the print driver.

Loading Letterhead in the Priority Sheet Inserter (PSI)

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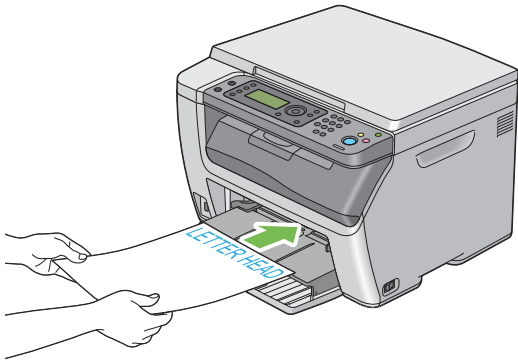
■ Manual Duplex Printing

NOTE:
• When printing on curled paper, straighten the paper, and then insert it into the feeder.

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**, and then click **Preferences**.

The **Paper/Output** tab of the **Printing Preferences** dialog box 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.
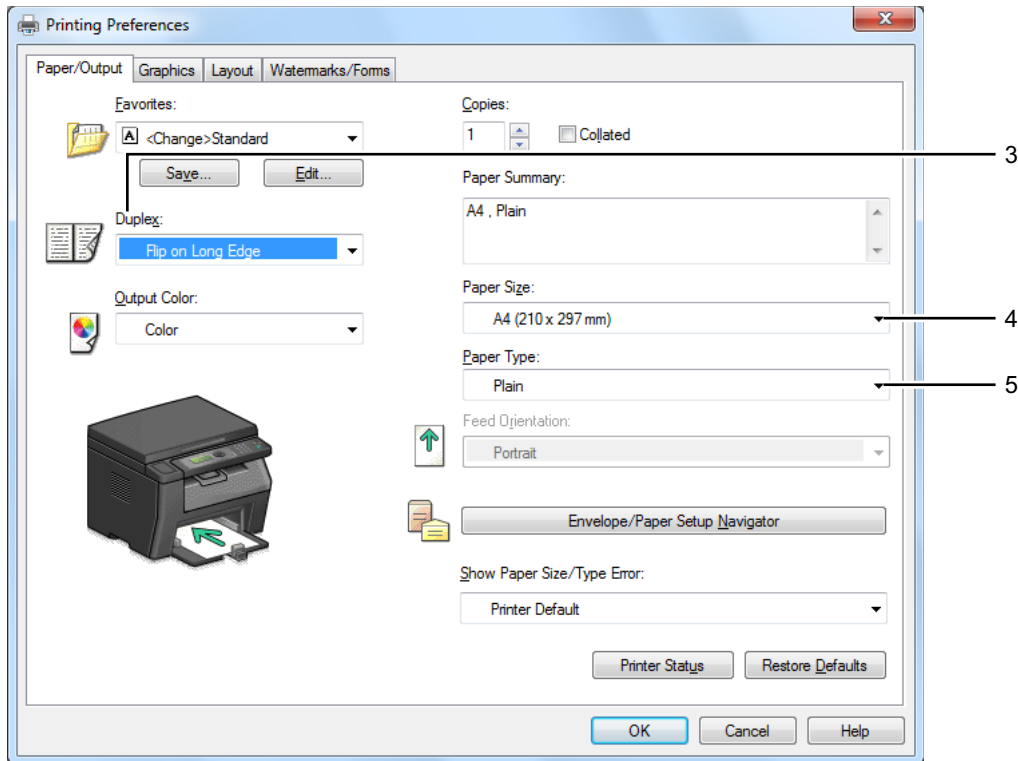
4 From **Paper Size**, select the size of the document to be printed.

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.

• Using the Mac OS X Print Driver

The following procedure uses OS X 10.9 TextEdit as an example.

1 From the **File** menu, select **Print**.

2 Select the printer from **Printer**.

3 From **Paper Size**, select the size of the document to be printed.

4 Select the **Printer Features** pane.
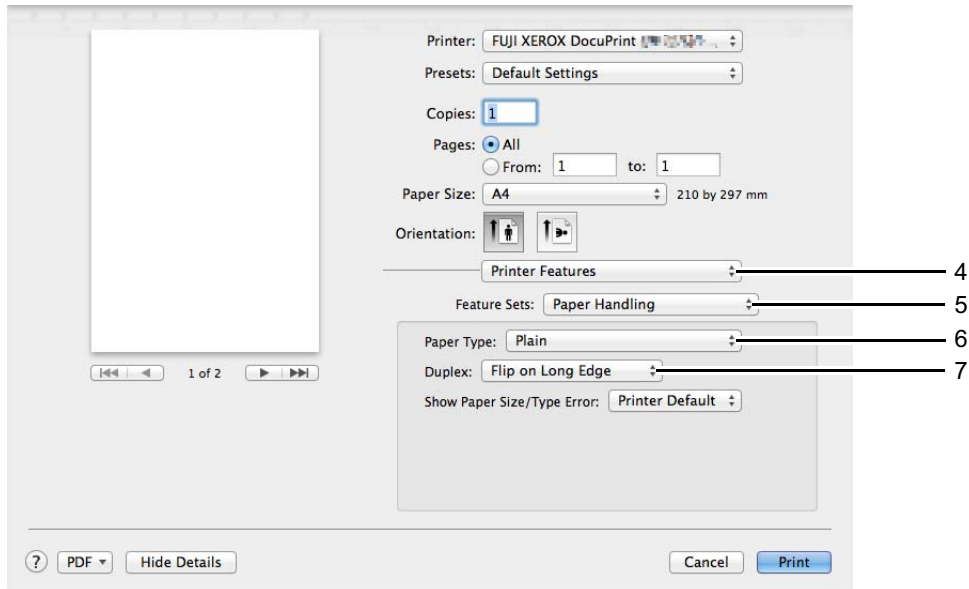
5 From **Feature Sets**, select **Paper Handling**.

6 From **Paper Type**, select the paper type to be used.

7 From **Duplex**, select either **Flip on Long Edge** or **Flip on Short Edge** to define the way 2-sided print pages are bound.

8 Click **Print** in the **Print** dialog box to start printing.

IMPORTANT:

• When you start manual duplex printing, the instruction dialog box appears. Do not close the dialog box until duplex printing is complete.

Loading Print Media in the Multipurpose Feeder (MPF)

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 ⇔ (**Data**) LED blinks and `Insert Output to Tray Press [OK] Button to Continue Printing` appears on the LCD panel when the printer finishes printing the even pages.
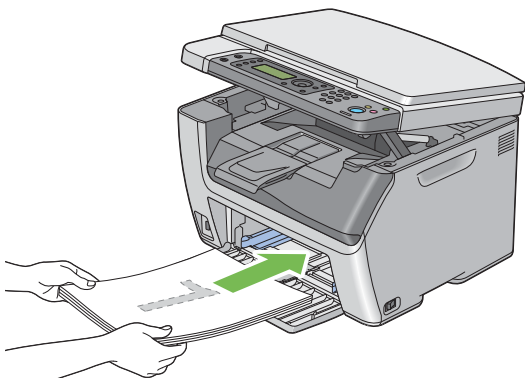
2 After the even pages are printed, remove the paper stack from the center output tray.

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 MPF, and then press the ⒪Ⓚ button.

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.

Loading Print Media in the Priority Sheet Inserter (PSI)

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 ⬌ (**Data**) LED blinks and `Insert Output to Tray Press [OK] Button to Continue Printing` appears on the LCD panel when the printer finishes printing the even pages.
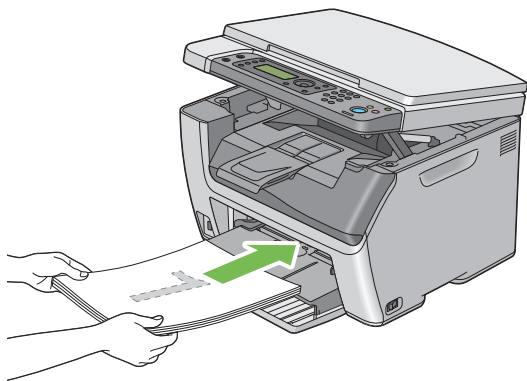
2 After the even pages are printed, remove the paper stack from the center output tray.

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 face up) into the PSI, and then press the (OK) button.

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).
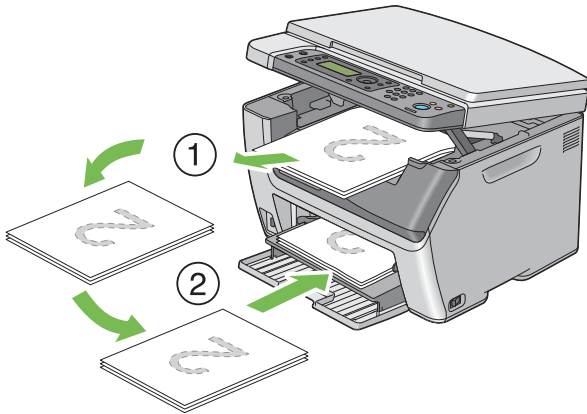
NOTE:
• Printing on both sides of the paper is not possible if the document consists of various sizes of paper.

■ 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 long length document, make sure that the output tray extension is fully extended.
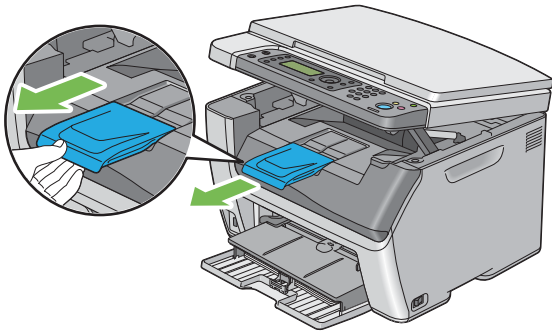
NOTE:
• When you pull out envelopes or small size print media from the center output tray, lift up the scanner.
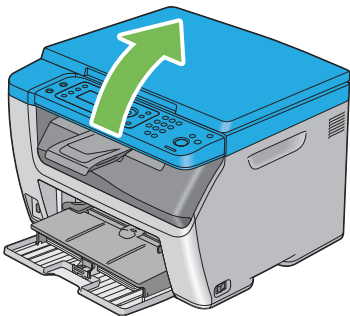
Setting Paper Sizes and Types

When loading print media, set the paper size and type on the operator panel before printing.

This section describes how to set the paper size and type on the operator panel.

See also:
- "Understanding the Printer Menus" on page 164

■ Setting Paper Sizes

IMPORTANT:
- Paper size settings must match those of the actual print media loaded in the tray. Otherwise, paper size mismatch errors or paper jams may occur.

1 Press the **System** button.

2 Select Tray Settings, and then press the (OK) button.

3 Select MPF, and then press the (OK) button.

4 Select Paper Size, and then press the (OK) button.

5 Select the correct paper size for the print media loaded, and then press the (OK) button.

■ Setting Paper Types

IMPORTANT:
- Paper type settings must match those of the actual print media loaded in the tray. Otherwise, print-quality problems can occur.

1 Press the **System** button.

2 Select Tray Settings, and then press the (OK) button.

3 Select MPF, and then press the (OK) button.

4 Select Paper Type, and then press the (OK) button.

5 Select the correct paper type for the print media loaded, and then press the (OK) button.

Printing

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

■ Printing from the Computer

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.

Printing from the Computer (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**, **Paper Type**, or **Feed Orientation**, 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.

Printing from the Computer (Mac OS X)

The following procedure uses OS X 10.9 TextEdit as an example.

1 Open the file you want to print.

2 From the **File** menu, select **Print**.

3 Verify that the correct printer is selected in **Printer**. 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 **Pages per Sheet**, **Output Color**, or **Paper Type**, select the desired pane from the drop-down menu.

5 Specify the system settings. For more information, click **?** (Help).

6 Click **Print** to send the job to the selected printer.

■ Canceling a Print Job

There are several methods for canceling a print job.

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.

Canceling a Print Job From the Computer (Mac OS X)

• Canceling a Print Job From the Dock

When you send a job to print, a printer icon appears in the Dock.

1 Click the printer dock icon.

The print queue appears.

2 Select the job you want to cancel.

3 For Mac OS X 10.5, Mac OS X 10.6, and Mac OS X 10.7, click **Delete**.

For OS X 10.8 and OS X 10.9, click **X** (Delete Job).

• **Canceling a Print Job From System Preferences**

1 For Mac OS X 10.5 and Mac OS X 10.6, display **System Preferences**, and then click **Print & Fax**.

For Mac OS X 10.7 and OS X 10.8, display **System Preferences**, and then click **Print & Scan**.

For OS X 10.9, display **System Preferences**, and then click **Printers & Scanners**.

2 Select the printer from the printer list on the left.

3 Click **Open Print Queue**.

4 Select the job you want to cancel.

5 For Mac OS X 10.5, Mac OS X 10.6, and Mac OS X 10.7, click **Delete**.

For OS X 10.8 and OS X 10.9, click **X** (Delete Job).

■ Direct Print Using the USB Storage Device

The Print from USB Memory feature allows you to print files stored in a USB storage device by operating the operator panel.

IMPORTANT:
- To prevent damage to your printer, DO NOT connect any device other than USB storage device to the USB drive of the printer.
- DO NOT remove the USB storage device from the USB drive until the printer has finished printing.

NOTE:
- If the `Service Lock` setting for `Print from USB` is set to `Password Locked` or `Color Pass. Locked`, you need to enter the four digit passcode to use the Print from USB Memory feature. If the `Service Lock` setting for `Print from USB` is set to `Locked`, the Print from USB Memory feature is disabled. For details, see "Service Lock" on page 177.

The USB drive of the printer is designed for USB 2.0 devices. You must use only an authorized USB storage device with an A plug type connector. Use only a metal shielded USB storage device.

A plug type
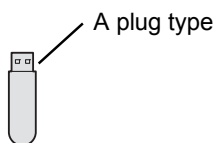
To print a file in a USB storage device:

1 Insert the USB storage device into the USB drive of the printer.
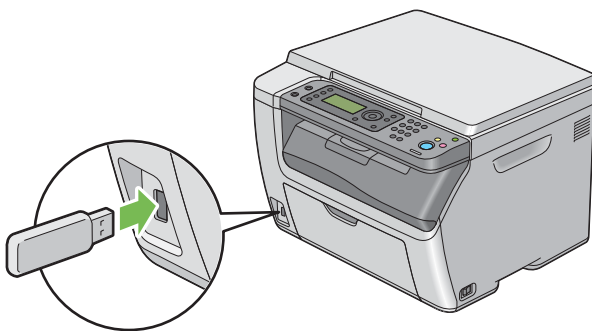
2 Select `Print From`, and then press the (OK) button.

3 Select the desired file, and then press the (OK) button.

NOTE:
- Some characters may not be displayed correctly on the LCD panel.

4 Select printing options as required.

5 Press the ◇ (**Start**) button to start printing.

> **NOTE:**
> • Color printing is secured with a passcode if the `Service Lock` setting for `Print from USB` is set to `Color Pass.` `Locked`. If you are printing in color and the `Service Lock` setting for `Print from USB` to `Color Pass. Locked`, you will need to enter the four digit passcode after pressing the ◇ (**Start**) button.
> • You can print files scanned and stored using the Scan to USB Memory feature. Files saved without using the feature such as files created by user may not be printed properly.

IMPORTANT:
• Before removing the USB storage device, ensure that the printer is not accessing the USB storage device. If you remove the USB storage device while the printer is accessing, the data in the USB storage device or the USB storage device itself may be damaged.

Supported File Formats

Files in the following file formats, created using the Scan to USB Memory feature, are supported and can be printed directly from the USB storage device.

• PDF

• TIFF

• JPEG

NOTE:
• TIFF or JPEG files created without using the Scan to USB Memory feature may not be printed properly.
• PDF files created without using the Scan to USB Memory feature cannot be printed.

■ Selecting Printing Options

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:
   • In Windows, you can save current printing options with a distinctive name and apply them to other print jobs. Select either the **Paper/Output**, **Graphics**, **Layout**, or **Watermarks/Forms** 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:

Printing Options for Windows

Driver Tab	Printing Options

Paper/Output tab	• Favorites
	  – Save
	  – Edit
	• Duplex
	• Output Color
	• Copies
	• Collated
	• Paper Summary
	• Paper Size
	• Paper Type
	• Feed Orientation
	• Envelope/Paper Setup Navigator
	• Show Paper Size/Type Error
	• Printer Status
	• Restore Defaults

Graphics tab	• Output Color • Image Adjustment Mode • Image Types • Screen • Toner Saving Mode • Image Settings • Color Balance • Profile Settings • Restore Defaults
Layout tab	• Image Orientation • Multiple Up • Booklet / Poster / Mixed Document • Output Size • Reduce / Enlarge • Margin Shift/Margin • Restore Defaults

Watermarks/Forms tab	• Watermarks
	  – New Text
	  – New Bitmap
	  – Edit
	  – Delete
	  – First Page Only
	• Forms
	  – Off
	  – Create / Register Forms
	  – Image Overlay
	  – File Name
	  – Browse
	• Header / Footer Options
	• Restore Defaults

Selecting Options for an Individual Job (Mac OS X)

To select print settings for a particular job, change the driver settings before sending the job to the printer.

1 With the document open in your application, click **File**, and then click **Print**.

2 Select your printer from **Printer**.

3 Select the desired printing options from the menus and drop-down list boxes that are displayed.

> **NOTE:**
> • In Mac OS X, click **Save As** (**Save Current Settings as Preset** for OS X 10.8 and OS X 10.9) on the **Presets** menu screen to save the current printer settings. You can create multiple presets and save each with its own distinctive name and printer settings. To print jobs using specific printer settings, click the applicable saved preset in the **Presets** menu.

4 Click **Print** to print the job.

Mac OS X Print Driver Printing Options:

The table shown below uses OS X 10.9 TextEdit as an example.

Printing options for Mac OS X

Item	Printing Options
	• Copies • Pages • Paper Size • Orientation
Layout	• Pages per Sheet • Layout Direction • Border • Reverse page orientation • Flip horizontally (for Mac OS X 10.6 or later)
Color Matching	• ColorSync • Vendor Matching
Paper Handling	• Collate pages • Pages to Print • Page Order • Scale to fit paper size • Destination Paper Size • Scale down only
Cover Page	• Print Cover Page • Cover Page Type • Billing Info
Image Options	• Output Color • Brightness • Image Types • Toner Saving Mode • Screen • Color Balance • Restore Defaults

Printer Features	• Detailed Settings
	  – Image Rotation (180deg)
	• Paper Handling
	  – Paper Type
	  – Duplex
	  – Show Paper Size/Type Error
	• Printer Specific Options
	  – Skip Blank Pages

Supply Levels	

■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 Multipurpose Feeder (MPF)" on page 85
- "Loading Print Media in the Priority Sheet Inserter (PSI)" on page 91
- "Setting Paper Sizes and Types" on page 100

Defining Custom Paper Sizes

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

NOTE:
- When setting the paper size on the print driver and the operator panel, 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. This section explains the procedure 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 Click **Custom Paper Size**.

5 Select the custom setup you want to define from **Details**.

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 up arrow and down arrow. 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 either the Windows or Mac OS X 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 Select the size of the document to be printed from **Paper Size**.

5 Select the paper type to be used from **Paper Type**.

6 Click the **Layout** tab.

7 From **Output Size**, select the custom size you defined. If you have selected the custom size from **Paper Size** in step **4**, select **Same as Paper Size**.

8 Click **OK**.

9 Click **Print** in the **Print** dialog box to start printing.

• Using the Mac OS X Print Driver

This section explains the procedure using OS X 10.9 TextEdit as an example.

1 From the **File** menu, select **Page Setup**.

2 Select your printer from **Format For**.

3 From **Paper Size**, select **Manage Custom Sizes**.

4 In the **Custom Paper Sizes** window, click **+**.
A newly created setting "Untitled" is displayed in the list.

5 Double-click "Untitled" and enter a name for the setting.

6 Enter the size of the document to be printed in the **Width** and **Height** boxes of **Paper Size**.

7 Specify **Non-Printable Area** if necessary.

8 Click **OK**.

9 Make sure that the newly created paper size is chosen in **Paper Size**, and then click **OK**.

10 From the **File** menu, select **Print**.

11 Click **Print** 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 32

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 Click **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 30

■ 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 22.

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 **System** button.

2 Select Admin Menu, 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 Wi-Fi Direct, and then press the (OK) button.

6 Select Enable, and then press the (OK) 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 (OK) button.

8 Select `Group Owner`, and then press the (OK) button.

For a mobile device with WPS-PBC

   a Select `WPS Method`, and then press the (OK) button.

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

For a mobile device with WPS-PIN

   a Select `WPS Method`, and then press the (OK) button.

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

9 Select `Connection Status`, and then press the (OK) 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 113.

   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 When the invitation for Wi-Fi Direct connection appears on the LCD panel of the printer, press the (OK) button.

   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 Method` is set to `PIN Code`.

1 From the mobile device, start the procedure to connect using Wi-Fi Direct PIN code.

2 When the invitation for Wi-Fi Direct connection appears on the LCD panel of the printer, press the (OK) button.

The PIN code is displayed on the LCD panel.

3 Input the PIN code to the mobile device.

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

1 Press the **System** button.

2 Select `Admin Menu`, 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 `SSID`, and then press the (OK) button.

6 Confirm the SSID of the printer.

7 Select `PassPhrase`, and then press the (OK) button.

8 Select `Show Passphrase`, and then press the (OK) 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 50.

For iOS

You need to install the printing application such as Fuji Xerox Print & Scan Utility (Small Office) for iOS, and then the printer is ready for use.

For Android

You need to install the printing application such as Fuji Xerox Print & Scan Utility (Small Office) 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 When the invitation for Wi-Fi Direct connection appears on the LCD panel of the printer, press the (OK) button.

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 **System** button.

2 Select `Admin Menu`, 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 `Disconnect` or `Reset Passphrase`, and then press the (OK) button.

   NOTE:
   • If the mobile device automatically reconnects to the printer, select `Reset Passphrase`.
   The selected device is successfully disconnected.

Resetting the Passphrase

1 Press the **System** button.

2 Select `Admin Menu`, 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 **System** button.

2 Select `Admin Menu`, 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 Fuji Xerox Print & Scan Utility (Small Office) for iOS / Android.

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=175

For iOS, download for free from App Store, or please visit our online support at
http://www.fxap.com.sg/product/productDescription.jsp?id=172

■ 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 168. `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 a Report Page

You can print various types of reports and lists. For details on each report and list, see "Report / List" on page 164.

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 **System** 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, a list of menu items is displayed. The values displayed for each menu item are the factory default and original system 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 **System** button.

2 Select the desired menu, and then press the (OK) button.

3 Select the desired menu or menu item, and then press the (OK) button.
- If a menu is selected, the menu is opened and the list of menu items 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

4 Select the desired value.

5 Press the (OK) button to enable the setting value.

The value is displayed on the right of the menu item in the previous screen to identify it as the current user default menu setting.

6 To continue setting other items, select the desired menu. Press the ⤺ (**Back**) or ◀ button to return to the previous menu.

To quit setting new values, press the **System** button, and then press the ⤺ (**Back**) or ◀ button to return to the `Ready` screen.

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**.

Adjusting the Language

To display a different language on the LCD panel:

• Using the Operator Panel

1 Press the **System** button.

2 Select `Panel Language`, and then press the (OK) button.

3 Select the desired language, and then press the (OK) button.

• 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 **System Settings** from the list at the left side of the page.

The **System Settings** page is displayed.

4 Select the desired language from **Panel Language**, and then click **Apply New Settings**.

6

Copying

Loading Paper for Copying

The instructions for loading print media are the same whether you are printing or copying.

See also:
- "Usable Print Media" on page 82
- "Loading Print Media" on page 84

Preparing a Document

You can use the document glass to load an original document for copying and scanning. Place one sheet at a time using the document glass.

Making Copies From the Document Glass

NOTE:

- A computer connection is not required for copying.
- Dust on the document glass may cause black spots on the copies. For best results, clean the document glass before use. For more information, see "Cleaning the Scanner" on page 242.

To make a copy from the document glass:

1 Open the document cover.
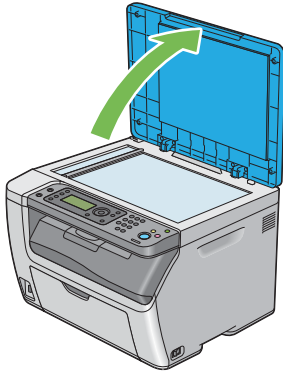
2 Place the document facing down on the document glass and align it with the registration guide on the top left corner of the document glass.

> ⚠ **CAUTION:**
>
> - **Do not apply excessive force to hold thick document on the document glass. It may break the glass and cause injuries.**
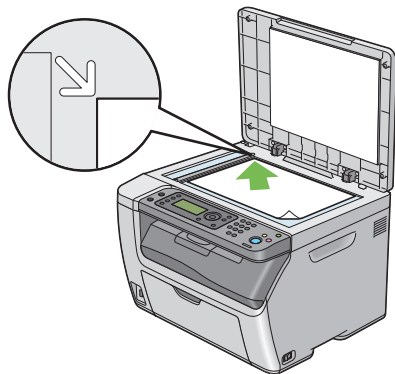
3 Close the document cover.

NOTE:

- Leaving the document cover open while copying may affect the copy quality and increase the toner consumption.
- If you are copying a page from a book or magazine, lift the document cover until its hinges are caught by the stopper, and then close the document cover. If the book or magazine is thicker than 20 mm, start copying with the document cover open.

4 Press the **Copy** button.

5 Customize the copy settings such as the number of copies, copy size, and image quality.

See also:

- "Setting Copy Options" on page 122

To clear the settings, press the ⟋ (**Clear All**) button.

6 Press the ◇ (**Start**) button to start copying.

NOTE:

- Press the ▽ (**Stop**) button to cancel a copy job at any time while scanning a document.

Setting Copy Options

Set the following options for the current copy job before pressing the ◇ (**Start**) button to make copies.

NOTE:
- After a copy job is completed, the copy options would be kept until the screen returns to `Ready` (auto-reset or the ⬅ (**Back**) button is pressed), the ⫽ (**Clear All**) button is pressed, or the **Copy** button is pressed again.

■ Number of Copies

Specify the number of copies from 1 to 99.

1 Place a single document facing down on the document glass and close the document cover.

> **See also:**
> - "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Enter the number of copies using the numeric keypad.

4 If necessary, customize the copy settings such as copy size, and image quality.

> **See also:**
> - "Setting Copy Options" on page 122

5 Press the ◇ (**Start**) button to start copying.

■ Color

Select a mode from color or black and white copying.

1 Place a single document facing down on the document glass and close the document cover.

> **See also:**
> - "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Press the **Color Mode** button to select the desired color mode.

4 If necessary, customize the copy settings such as the number of copies, copy size, and image quality.

> **See also:**
> - "Setting Copy Options" on page 122

5 Press the ◇ (**Start**) button to start copying.

■ Document Size

Specify the default document size.

1 Place a single document facing down on the document glass and close the document cover.

> **See also:**
> - "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select `Document Size`, and then press the (OK) button.

4 Select the desired settings, and then press the (OK) button.

> **NOTE:**
> • The value marked by an asterisk (*) is the factory default setting.

A4 (210 × 297mm)*
A5 (148 × 210mm)
B5 (182 × 257mm)
Letter (8.5 × 11")
Executive (7.25 × 10.5")

5 If necessary, customize the copy settings such as number of copies, copy size, and image quality.

> **See also:**
> • "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

■ Output Paper Size

Specify the output paper size.

1 Place a single document facing down on the document glass and close the document cover.

> **See also:**
> • "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select Output Paper Size, and then press the (OK) button.

4 Select the desired settings, and then press the (OK) button.

> **NOTE:**
> • The value marked by an asterisk (*) is the factory default setting.

A4 (210 × 297mm)*		
A5 (148 × 210mm)		
B5 (182 × 257mm)		
Letter (8.5 × 11")		
Folio (8.5 × 13")		
Legal (8.5 × 14")		
Executive (7.25 × 10.5")		
Envelope #10 (4.1×9.5")		
Monarch Env. (3.9×7.5")		
Monarch Env. L (7.5×3.9")		
DL Env. (110×220mm)		
DL Env. L (220×110mm)		
C5 Envelope (162 × 229mm)		
Custom Size	Portrait(Y)	297mm*/11.7inch*
		127 - 355mm/5.0 - 14.0inch
	Landscape(X)	210mm*/8.3inch*
		77 - 215mm/3.0 - 8.5inch

5 If necessary, customize the copy settings such as number of copies, copy size, and image quality.

See also:
- "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

■ Collated

Sort the copy outputs. For example, if you make two sets of a three-page document, the first set will be printed followed by the second set.
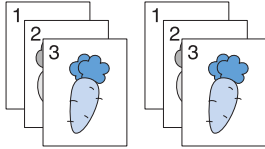
NOTE:
- Copying documents with a large amount of data may exhaust available memory. If a memory shortage occurs, cancel the collating by turning `Collated` to `Off` on the operator panel.

1 Place a single document facing down on the document glass and close the document cover.

See also:
- "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select `Collated`, and then press the (OK) button.

4 Select the desired setting, and then press the (OK) button.

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

`Off`*	Does not sort the copy output.
`On`	Sorts the copy outputs.

5 If necessary, customize the copy settings such as the number of copies, copy size, and image quality.

See also:
- "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

When `Collated` is set to `On`, the display prompts you for another page. Select `Yes` or `No`, and then press the (OK) button.

If you select `Yes`, select `Continue` or `Cancel`, and then press the (OK) button.

■ Reduce/Enlarge

Reduce or enlarge the size of a copied image, from 25% to 400%.

NOTE:
- When you make a reduced copy, black lines may appear at the bottom of your copy.
- This item is available only when `N-Up` is set to `Off` or `Manual`.

1 Place a single document facing down on the document glass and close the document cover.

See also:
- "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select `Reduce/Enlarge`, and then press the (OK) button.

4 Select the desired settings, and then press the (OK) button.

• mm series

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

200%
A5->A4(141%)
A5->B5(122%)
100%*
B5->A5(81%)
A4->A5(70%)
50%

• inch series

200%
Stmt->Lgl(154%)
Stmt->Ltr(129%)
100%*
Lgl->Ltr (78%)
Ldgr->Ltr(64%)
50%

NOTE:
- You can also use the numeric keypad to input the desired zoom ratio from 25% to 400%, or press the ▶ button to increase the zoom ratio or press the ◀ button to reduce the zoom ratio in 1% interval. See the following table for specific zoom ratios.

Copy Original	A5	B5	A4
A5	100%	122%	141%
B5	81%	100%	115%
A4	70%	86%	100%

The methods to load print media vary depending on the size and orientation of the print media. For details, refer to "Loading Print Media in the Multipurpose Feeder (MPF)" on page 85 or "Loading Print Media in the Priority Sheet Inserter (PSI)" on page 91.

For print media that can be loaded, refer to "Usable Print Media" on page 82.

5 If necessary, customize the copy settings such as the number of copies, and image quality.

See also:
- "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

■ Document Type

Select the copy image quality.

1 Place a single document facing down on the document glass and close the document cover.

See also:
• "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select Document Type, and then press the (OK) button.

4 Select the desired settings, and then press the (OK) button.

NOTE:
• The value marked by an asterisk (*) is the factory default setting.

Text	Suitable for document containing mostly text.
Mixed*	Suitable for document containing photos/text/gray tones.
Photo	Suitable for document containing mostly photos.

5 If necessary, customize the copy settings such as the number of copies and copy size.

See also:
• "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

■ Lighten/Darken

Adjust density level to create lighter or darker copy of original document.

1 Place a single document facing down on the document glass and close the document cover.

See also:
• "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select Lighten/Darken, and then press the (OK) button.

4 Select the desired settings, and then press the (OK) button.

NOTE:
• The value marked by an asterisk (*) is the factory default setting.

Lighten2	Makes the copy lighter than the original. Works well with dark print.
Lighten1	
Normal*	Works well with standard type or printed documents.
Darken1	Makes the copy darker than the original. Works well with light print or faint pencil markings.
Darken2	

5 If necessary, customize the copy settings such as the number of copies, copy size, and image quality.

See also:
• "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

■ Sharpness

Adjust the sharpness to make the copy sharper or softer than the original.

1   Place a single document facing down on the document glass and close the document cover.

   See also:
   • "Making Copies From the Document Glass" on page 121

2   Press the **Copy** button.

3   Select Sharpness, and then press the (OK) button.

4   Select the desired settings, and then press the (OK) button.

   NOTE:
   • The value marked by an asterisk (*) is the factory default setting.

Sharpest	Makes the copy sharper than the original.
Sharper	
Normal*	Does not make the copy sharper or softer than the original.
Softer	Makes the copy softer than the original.
Softest	

5   If necessary, customize the copy settings such as the number of copies, copy size, and image quality.

   See also:
   • "Setting Copy Options" on page 122

6   Press the ◇ (**Start**) button to start copying.

■ Auto Exposure

Suppress the background of the original to enhance text on the copy.

1   Place a single document facing down on the document glass and close the document cover.

   See also:
   • "Making Copies From the Document Glass" on page 121

2   Press the **Copy** button.

3   Select Auto Exposure, and then press the (OK) button.

4   Select On, and then press the (OK) button.

5   If necessary, customize the copy settings such as the number of copies, copy size, and image quality.

   See also:
   • "Setting Copy Options" on page 122

6   Press the ◇ (**Start**) button to start copying.

■ N-Up

Print two original images to fit into one sheet of paper.
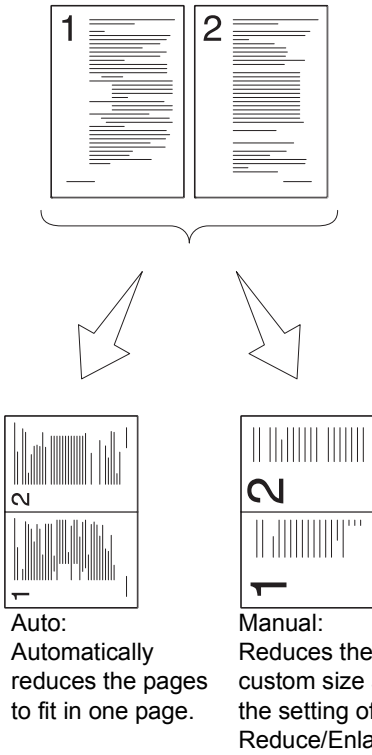
Auto:
Automatically reduces the pages to fit in one page.

Manual:
Reduces the pages in the custom size according to the setting of the Reduce/Enlarge menu.

1 Place a single document facing down on the document glass and close the document cover.

See also:

• "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select N-Up, and then press the (OK) button.

4 Select the desired setting, and then press the (OK) button.

NOTE:

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

Off*	Does not perform N-Up printing.
Auto	Automatically reduces the original pages to fit into one sheet of paper.
Manual	Prints the original pages into the one sheet of paper in the size specified in Reduce/Enlarge.

5 If necessary, customize the copy settings such as the number of copies, copy size (only for Off or Manual) and image quality.

See also:

• "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

When N-Up is set to Auto or Manual, the display prompts you for another page. Select Yes or No, and then press the (OK) button.

If you select Yes, select Continue or Cancel, and then press the (OK) button.

■Margin Top/Bottom

Specify the top and bottom margins of the copy.

1 Place a single document facing down on the document glass and close the document cover.

   See also:
   - "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select `Margin Top/Bottom`, and then press the (OK) button.

4 Press the ▲ or ▼ button or enter the desired value using the numeric keypad, and then press the (OK) button.

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

`4mm*/0.2 inch*`	Specify the value in increments of 1 mm/0.1 inch.
`0 - 50mm/0.0 - 2.0 inch`	

5 If necessary, customize the copy settings such as the number of copies, copy size, and image quality.

   See also:
   - "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

■Margin Left/Right

Specify the left and right margins of the copy.

1 Place a single document facing down on the document glass and close the document cover.

   See also:
   - "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select `Margin Left/Right`, and then press the (OK) button.

4 Press the ▲ or ▼ button or enter the desired value using the numeric keypad, and then press the (OK) button.

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

`4mm*/0.2 inch*`	Specify the value in increments of 1 mm/0.1 inch.
`0 - 50mm/0.0 - 2.0 inch`	

5 If necessary, customize the copy settings such as the number of copies, copy size, and image quality.

   See also:
   - "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

■ Margin Middle

You can specify the middle margin of the copy.

1 Place a single document facing down on the document glass and close the document cover.

   See also:
   • "Making Copies From the Document Glass" on page 121

2 Press the **Copy** button.

3 Select `Margin Middle`, and then press the (OK) button.

4 Press the ▲ or ▼ button or enter the desired value using the numeric keypad, and then press the (OK) button.

   NOTE:
   • The value marked by an asterisk (*) is the factory default setting.

`0mm*/0.0 inch*`	Specify the value in increments of 1 mm/0.1 inch.
`0 - 50mm/0.0 - 2.0 inch`	

5 If necessary, customize the copy settings such as the number of copies, copy size, and image quality.

   See also:
   • "Setting Copy Options" on page 122

6 Press the ◇ (**Start**) button to start copying.

Using the ID Card Copy

NOTE:
- If the Service Lock setting for `COPY` is set to `Password Locked` or `Color Pass. Locked`, you need to enter the four digit passcode to use the ID Card Copy function. If the Service Lock setting for `COPY` is set to `Locked`, the ID Card Copy function is disabled. For details, see "Service Lock" on page 177.

You can copy both sides of an ID card on one side of a single sheet of paper in its original size by pressing the 📇 (**ID Card Copy**) button on the operator panel. This feature helps to show both sides of an ID card in one page in its original size.

To make a copy:

1 Place an ID card facing down on the document glass and close the document cover.

   See also:
   - "Making Copies From the Document Glass" on page 121

2 Press the 📇 (**ID Card Copy**) button.

3 If you want to customize the copy settings, wait for five seconds until the display is automatically changed. Specify the copy settings you want before pressing the ◇ (**Start**) button.

   See also:
   - "Setting Copy Options" on page 122

4 Press the ◇ (**Start**) button to start copying.

   After the front side of the ID card is scanned, the display prompts you to turn over the card.

   a To scan the back side of the ID card, turn the ID card over and select `OK(Scan)` or press the ◇ (**Start**) button.

   b To finish copying, select `Cancel(Print)`.

   NOTE:
   - Color copy is secured with a password if the Service Lock setting for `COPY` is set to `Color Pass. Locked`. If you are making a color copy and the Service Lock setting for `COPY` to `Color Pass. Locked`, you will need to enter the four digit password after pressing the ◇ (**Start**) button.

Changing the Default Settings

The Copy menu options such as color mode and image quality can be set to your most frequently used modes. To create your own default settings:

1   Press the **System** button.

2   Select `Defaults Settings`, and then press the (OK) button.

3   Select `Copy Defaults` and then press the (OK) button.

4   Select the desired menu item and then press the (OK) button.

5   Select the desired setting or enter the value using the numeric keypad and then press the (OK) button.

6   Repeat steps **4** and **5**, as needed.

7   To return to the previous screen, press the ⬅ (**Back**) button.

7

Scanning

- "Scanning Overview" on page 134
- "Scanning to a Computer" on page 135
- "Scanning to a Computer or Server via SMB/FTP" on page 139
- "Scanning to a USB Storage Device" on page 156
- "Sending an E-mail With the Scanned Image" on page 157
- "Adjusting Scanning Options" on page 160

Scanning Overview

You can use your printer to turn pictures and text into editable images on your computer.

The resolution setting to use when you scan an item depends on the item type and how you plan to use the image or document after you scan it into your computer. For the best results, use these recommended settings.

Type	Resolution
Documents	300 dpi black-and-white or 200 dpi grayscale or color
Documents of poor quality or that contain small text	400 dpi black-and-white or 300 dpi grayscale
Photographs and pictures	100 – 200 dpi color or 200 dpi grayscale
Images for an inkjet printer	150 – 300 dpi
Images for a high-resolution printer	300 – 600 dpi

Scanning beyond these recommended resolutions may exceed the capabilities of the application. If you require a recommended resolution mentioned in the above table, reduce the size of the image by previewing (or pre-scan) and crop it before scanning the image.

■ Scanning - From Computer

- To scan and export the scanned data to a graphic software application such as the Adobe® Photoshop® using the TWAIN driver, see "Scanning Using the TWAIN Driver" on page 137. This method is supported both on the Microsoft® Windows® and Mac OS X operating systems but requires a USB or network connection and a graphic software application.

- To scan and export the scanned data to Microsoft's program such as the Windows Photo Gallery and the Microsoft Paint, using the Windows Image Acquisition (WIA) driver, see "Scanning Using the Windows Image Acquisition (WIA) Driver" on page 138. This method is supported only on the Windows operating system and requires a USB or network (Web Services on Devices (WSD) only) connection.

■ Scanning - From Printer

- To scan and send the scanned data to a computer connected with a USB cable, see "Scanning From the Operator Panel - Scan to Application" on page 135. This method is supported both on the Windows and Mac OS X operating systems but requires a USB connection and the Express Scan Manager, a bundled software tool. The scanned data will be saved in the location on your computer that is specified on the Express Scan Manager.

- To scan and send the scanned data to a computer connected to a network via Web Services on Devices (WSD), see "Scanning From the Operator Panel - Scan to WSD (Web Services on Devices)" on page 135.

- To scan and send the scanned data to a computer or server connected to a network, see "Sending the Scanned File to the Network" on page 155.

- To scan and save the scanned data onto a USB storage device, see "Scanning to a USB Storage Device" on page 156.

- To scan and send the scanned data through e-mail, see "Sending an E-mail With the Scanned Image" on page 157.

Scanning to a Computer

■ Scanning From the Operator Panel - Scan to Application

NOTE:
- Make sure that the printer is connected to the computer using the USB cable.
- You must use the Express Scan Manager on your computer to configure the output destination of the scanned image files.
- This service is supported both on the Windows and Mac OS X operating systems.

1 Place a single document facing down on the document glass and close the document cover.

   See also:
   - "Making Copies From the Document Glass" on page 121

2 Press the **Scan** button.

3 Select `Scan to Computer(USB)`, and then press the (OK) button.

4 Configure the scanning settings as necessary.

5 Press the ◇ (**Start**) button.

   A scanned image file is saved to the location you have specified.

   NOTE:
   - If the window to select the program appears on your computer, select **Express Scan Manager-Ctype**, and then click **OK**.
   - File type of scanned data varies depending on application on computer.

See also:
- "Express Scan Manager" on page 35

■ Scanning From the Operator Panel - Scan to WSD (Web Services on Devices)

If the printer is connected to a computer via network using Web Services on Devices (WSD), you can use the Scan to WSD (Web Services on Devices) function to send scanned images to a computer.

NOTE:
- To use Scan to WSD (Web Services on Devices), you need to setup connection using Web Services on Devices (WSD).
- Web Services on Devices (WSD) is supported only on Windows Vista[®], Windows Server[®] 2008, Windows Server 2008 R2, Windows 7, Windows 8, Windows Server 2012, Windows 8.1, and Windows Server 2012 R2.

Printer Setup for Scan to WSD (Web Services on Devices)

Setup the printer and computer for connection using Web Services on Devices (WSD).

• Checking the Printer Setting

To use the Scan to WSD (Web Services on Devices) function, `WSD` (Web Services on Devices) needs to be set to `Enable`. For details, see "Protocol" on page 168.

• Setting Up the Computer

NOTE:
- For Windows 8, Windows Server 2012, Windows 8.1, and Windows Server 2012 R2, a computer automatically connects the printer using Web Services on Devices (WSD). There is no need to install the printer manually.

For Windows 7 and Windows Server 2008 R2:

1 Click **Start** → **Computer** → **Network**.

2 Right-click the icon for the printer, and then click **Install**.

The printer is connected by Web Services on Devices (WSD).

For Windows Vista and Windows Server 2008:

1 Click **Start** → **Network**.

2 Right-click the icon for the printer, and then click **Install**.

3 Click **Continue**.

The printer is connected by Web Services on Devices (WSD).

Procedures for WSD (Web Services on Devices) Scan

1 Place a single document facing down on the document glass and close the document cover.

See also:
- "Making Copies From the Document Glass" on page 121

2 Press the **Scan** button.

3 Select `Scan to WSD` (Web Services on Devices), and then press the (OK) button.

4 Select `Scan to`, and then press the (OK) button.

5 Select a desired computer you want to send the scan job, and then press the (OK) button.

6 Select a desired scan event, and then press the (OK) button.

Available types:
- `Scan`
- `ScanToPrint`
- `ScanToEmail`
- `ScanToFax`
- `ScanToOCR`

7 Press the ◇ (**Start**) button.

■Scanning Using the TWAIN Driver

Your printer supports the Tool Without An Interesting Name (TWAIN) driver for scanning images. TWAIN is one of the standard components provided by Windows Server 2003, Windows Vista, Windows Server 2008, Windows Server 2008 R2, Windows 7, Windows 8, Windows Server 2012, Windows 8.1, Windows Server 2012 R2, Mac OS X 10.5, Mac OS X 10.6, Mac OS X 10.7, OS X 10.8, OS X 10.9, and works with various scanners.

The following procedure uses Windows 7 as an example.

NOTE:
- Make sure that the printer is connected to the computer with a USB cable or to a network.

The following procedure to scan an image uses Microsoft Clip Organizer as an example.

1 Place a single document facing down on the document glass and close the document cover.

    See also:
- "Making Copies From the Document Glass" on page 121

2 Click **Start → All Programs → Microsoft Office → Microsoft Office 2010 Tools → Microsoft Clip Organizer**.

3 Click **File → Add Clips to Organizer → From Scanner or Camera**.

4 In the **Insert Picture from Scanner or Camera** window, under **Device**, select your TWAIN device.

5 Click **Custom Insert**.

6 Select your scanning preferences and click **Preview** to display the preview image.

    NOTE:
- File type of scanned data varies depending on application on computer.
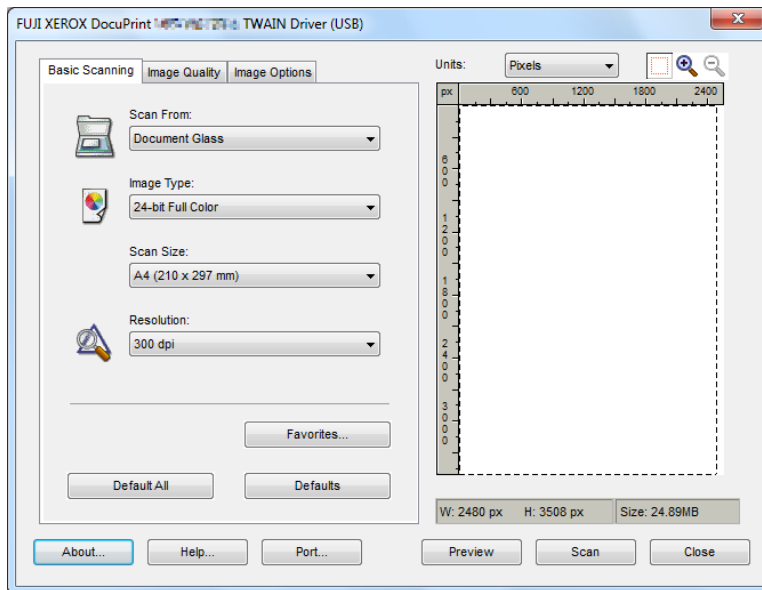
7 Select the desired properties from the **Image Quality** and **Image Options** tabs.

8 Click **Scan** to start scanning.

    The scanned image file is generated.

■ Scanning Using the Windows Image Acquisition (WIA) Driver

Your printer also supports the Windows Image Acquisition (WIA) driver for scanning images. Windows Image Acquisition (WIA) is one of the standard components provided by Windows operating systems and works with digital cameras and scanners. Unlike the TWAIN driver, the Windows Image Acquisition (WIA) driver allows you to scan an image and easily manipulate those images without using additional software.

The following procedure uses Windows 7 as an example.

NOTE:
• Make sure that the printer is connected to the computer using the USB cable.

1 Place a single document facing down on the document glass and close the document cover.

> **See also:**
> • "Making Copies From the Document Glass" on page 121

2 Start the drawing software, such as Paint for Windows.

> **NOTE:**
> • When you use Windows Vista or Windows Server 2008, use Windows Photo Gallery instead of Paint.

3 Click the **Paint** button → **From scanner or camera**.

The WIA (Windows Image Acquisition) window appears.
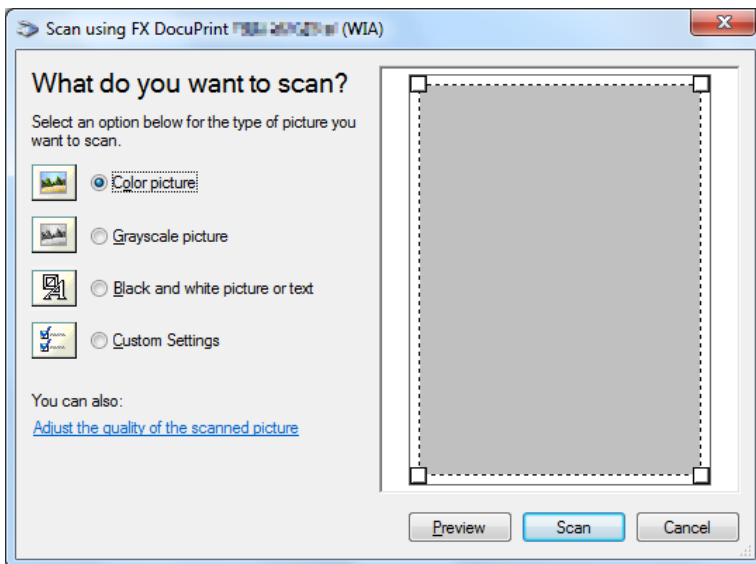
4 Select your scanning preferences and click **Adjust the quality of the scanned picture** to display the **Advanced Properties** window.

5 Select the desired properties including brightness and contrast, and then click **OK**.

6 Click **Scan** to start scanning.

7 Click the **Paint** button → **Save as**.

8 Enter a picture name, and select a file format and destination to save the picture.

Scanning to a Computer or Server via SMB/FTP

■ Overview

The Scan to Server/Computer feature allows you to scan documents and send the scanned document to a network computer via the FTP or SMB protocol.
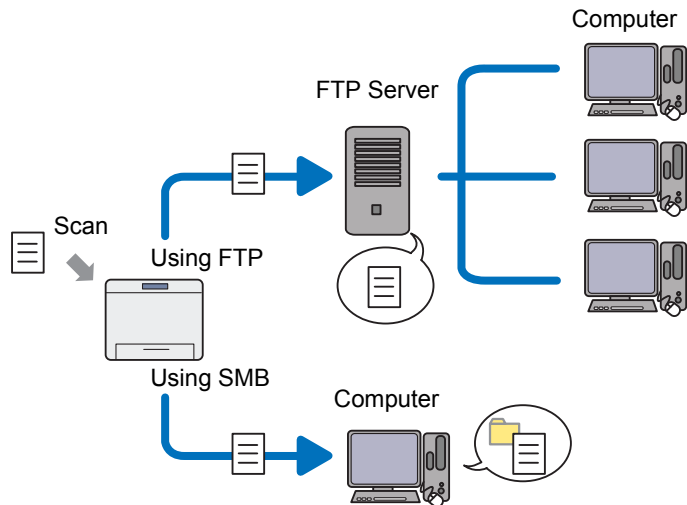
You can select the kind of the server and specify a destination to store the scanned document with the CentreWare Internet Services or the Address Book Editor.

The following items are required to use the Scan to Server/Computer feature.

- Using SMB

  To transfer data via SMB, your computer must run on one of the following operating systems that includes folder sharing.

  For Mac OS X, a shared user account is required on the Mac OS X.

  - Windows Server 2003
  - Windows Server 2008
  - Windows Server 2008 R2
  - Windows Server 2012
  - Windows Server 2012 R2
  - Windows Vista
  - Windows 7
  - Windows 8
  - Windows 8.1
  - Mac OS X 10.5
  - Mac OS X 10.6
  - Mac OS X 10.7
  - OS X 10.8
  - OS X 10.9

- Using FTP

  To transfer data via FTP, one of the following FTP servers and an account to the FTP server (login name and password) are required.

  - Windows Vista, Windows 7, Windows Server 2003, Windows Server 2008, and Windows Server 2008 R2

    FTP service of Microsoft Internet Information Services 6.0

  - Windows 8 and Windows Server 2012

    FTP service of Microsoft Internet Information Services 8.0

  - Windows 8.1 and Windows Server 2012 R2

    FTP service of Microsoft Internet Information Services 8.5

  - Mac OS X 10.5, Mac OS X 10.6, Mac OS X 10.7, OS X 10.8, and OS X 10.9

    FTP service of Mac OS X

  For information on how to configure the FTP service, contact your system administrator.

Follow the procedure below to use the Scan to Server/Computer feature.

"Confirming a Login Name and Password" on page 140

"Specifying a Destination to Store the Document" on page 142

"Configuring the Printer Settings" on page 150

"Sending the Scanned File to the Network" on page 155

■ Confirming a Login Name and Password

When Using SMB

The Scan to Computer/Server feature requires a user login account with a valid and non-empty password for authentication. Confirm a login user name and password.
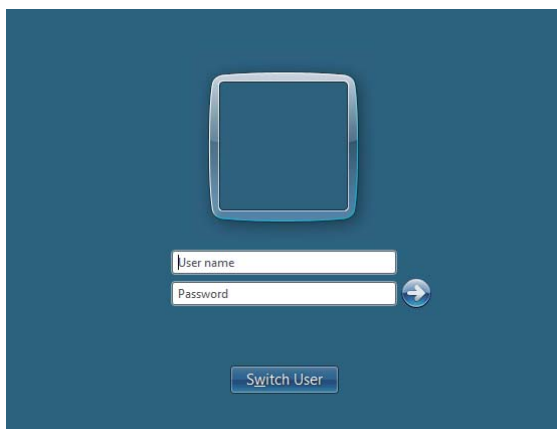
If you do not use a password for your user login, you need to create a password for your user login account with the following procedure.

• For Windows Server 2003:

1 Click **Start** → **Administrative Tools** → **Computer Management**.

2 Click **Local Users and Groups**.

3 Double-click **Users**.

4 Right-click your account, and then select **Set Password**.

　NOTE:
　• When an alert message appears, confirm the message and then click **Proceed**.

5 Add in a password for your user login account.

• For Windows Vista and Windows 7:

1 Click **Start** → **Control Panel**.

2 Click **User Accounts and Family Safety**.

3 Click **User Accounts**.

4 Click **Create a password for your account** and add in a password for your user login account.

• For Windows Server 2008 and Windows Server 2008 R2:

1 Click **Start** → **Control Panel**.

2 Click **User Accounts**.

3 Click **User Accounts**.

4 Click **Create a password** for your account and add in a password for your user login account.

• For Windows 8 and Windows Server 2012:

1 Place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings** → **Change PC settings**.

2 Click **Users**.

3 Click **Create a password** and add in a password for your user login account.

• For Windows 8.1 and Windows Server 2012 R2:

1 Place the mouse pointer in the upper right corner of the screen and move the mouse down, and then select **Settings** → **Change PC settings**.

2 Click **Accounts** → **Sign-in options**.

3 Click **Add** under **Password**, and add in a password for your user login account.

- **For Mac OS X 10.5 and Mac OS X 10.6:**

1   Click **System Preferences** → **Accounts**.

2   Select your account.

3   Select **Change Password**.

4   Enter a password for your user login account in **New Password** (**New password** for Mac OS X 10.6).

5   Re-enter the password in **Verify**.

6   Click **Change Password**.

- **For Mac OS X 10.7, OS X 10.8, and OS X 10.9:**

1   Click **System Preferences** → **Users & Groups**.

2   Select your account.

3   Select **Change Password**.

4   Enter a password for your user login account in **New password**.

5   Re-enter the password in **Verify**.

6   Click **Change Password**.

After you confirmed a login user name and password, see "Specifying a Destination to Store the Document" on page 142.

When Using FTP

The Scan to Computer/Server feature requires a user name and a password. For your user name and password, contact your system administrator.

■ Specifying a Destination to Store the Document

When Using SMB

Share a folder to store the scanned document using the following procedure.

• For Windows Server 2003:

1 Create a folder in the desired directory on your computer (Example of folder name, **MyShare**).

2 Right-click the folder, and then select **Properties**.

3 Click the **Sharing** tab, and then select **Share this folder**.
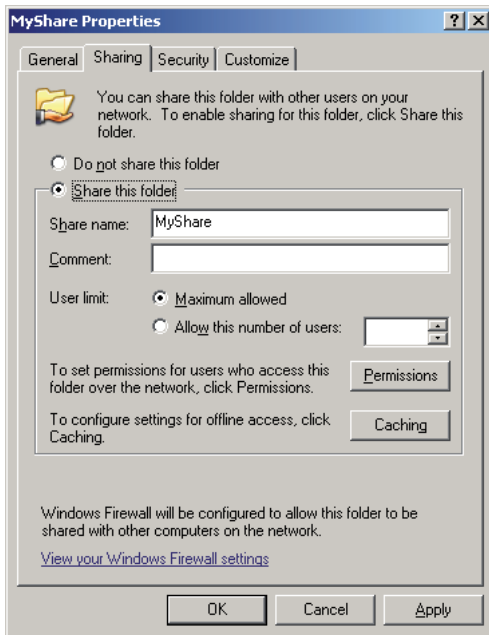
4 Enter a shared name in the **Share name** box.

NOTE:
- Note down the shared name as you need to use this name in the next setting procedure.

5 Click **Permissions** to give write permission for this folder.

6 Click **Add**.

7 Search user login name by clicking **Advanced**, or enter the user login name in the **Enter the object names to select** box and click **Check Names** to confirm (Example of user login name, **MySelf**).
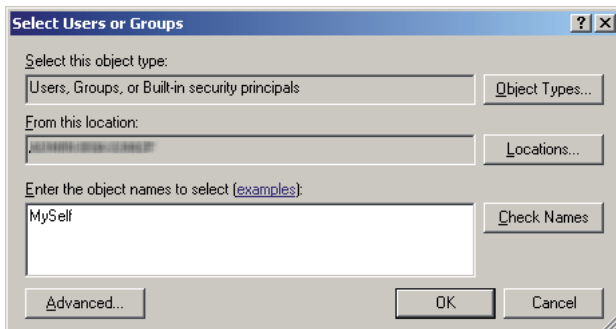
8 Click **OK**.

9 Click the user login name that you have just entered. Select the **Full Control** check box. This will grant you permission to send the document to this folder.

> **NOTE:**
> • Do not use **Everyone** as the user login name.

10 Click **OK**.

11 Configure other settings as necessary, and then click **Apply** and click **OK**.

> **NOTE:**
> • To add sub-folders, create new folders in the shared folder you have created.
>   Example: Folder name: **MyShare**, Second-level folder name: **MyPic**, Third-level folder name: **John**
>   You should now see **MyShare\MyPic\John** in your directory.

After you created a folder, see "Configuring the Printer Settings" on page 150.

• For Windows Vista, Windows 7, Windows Server 2008, and Windows Server 2008 R2:

1 Create a folder in the desired directory on your computer (Example of folder name, **MyShare**).

2 Right-click the folder, and then select **Properties**.

3 Click the **Sharing** tab, and then select **Advanced Sharing**.

For Windows Vista, when **User Account Control** window appears, click **Continue**.

4 Select the **Share this folder** check box.

5 Enter a shared name in the **Share name** box.

NOTE:
- Note down the shared name as you need to use this name in the next setting procedure.

**6** Click **Permissions** to give write permission for this folder.

7 Click **Add**.

8 Search user login name by clicking **Advanced**, or enter the user login name in the **Enter the object names to select** box and click **Check Names** to confirm (Example of user login name, **MySelf**).

9 Click **OK**.

10 Click the user login name that you have just entered. Select the **Full Control** check box. This will grant you permission to send the document to this folder.

> **NOTE:**
> • Do not use **Everyone** as the user login name.

11 Click **OK**.

12 Click **OK** to exit the **Advanced Sharing** window.

13 Click **Close**.

> **NOTE:**
> • To add sub-folders, create new folders in the shared folder you have created.
>   Example: Folder name: **MyShare**, Second-level folder name: **MyPic**, Third-level folder name: **John**
>   You should now see **MyShare\MyPic\John** in your directory.

After you created a folder, see "Configuring the Printer Settings" on page 150.

- **For Windows 8, Windows 8.1, Windows Server 2012, and Windows Server 2012 R2:**

1 Create a folder in the desired directory on your computer (Example of folder name: **MyShare**).

2 Right-click the folder, and then select **Properties**.

3 Click the **Sharing** tab, and then click **Advanced Sharing**.
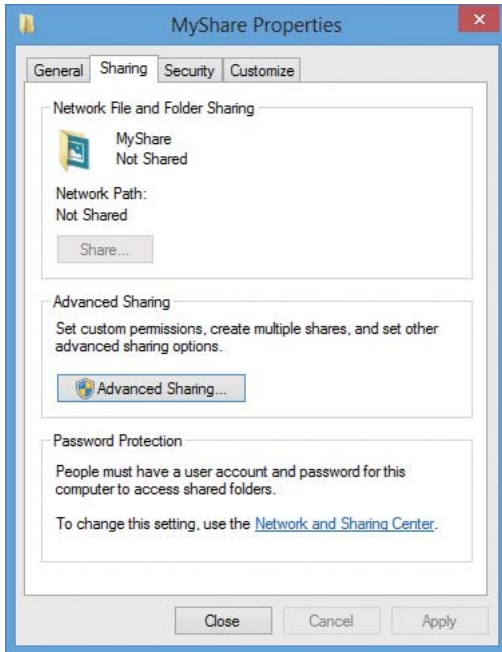
4 Select the **Share this folder** check box.

5 Enter a shared name in the **Share name** box.

NOTE:
- Note down the shared name as you need to use this name in the next setting procedure.
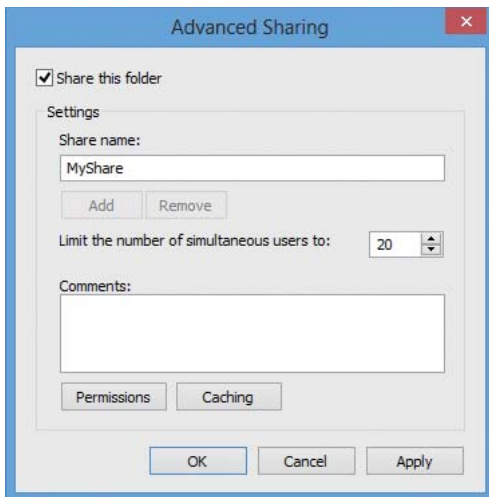
6 Click **Permissions** to create a write permission for this folder.

7 Click **Add**.

8 Search user login name by clicking **Advanced**, or enter the user login name in the **Enter the object names to select** box and click **Check Names** to confirm (Example of user login name: **MySelf**).
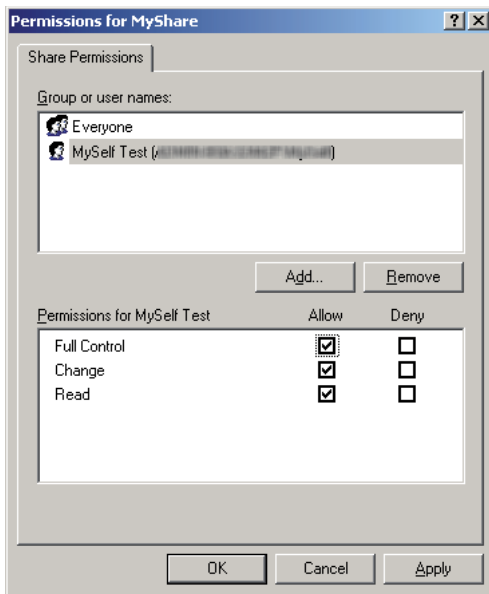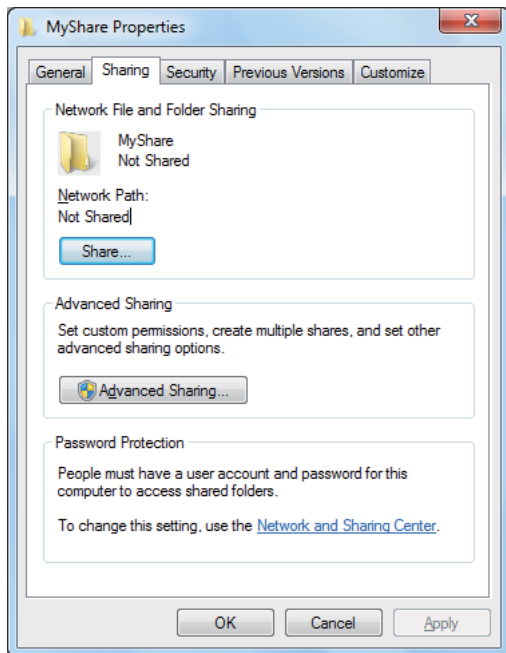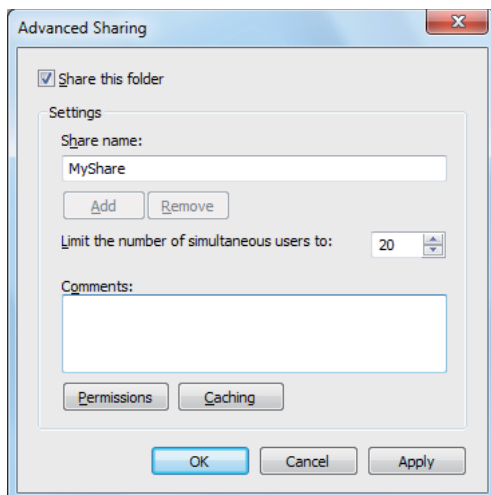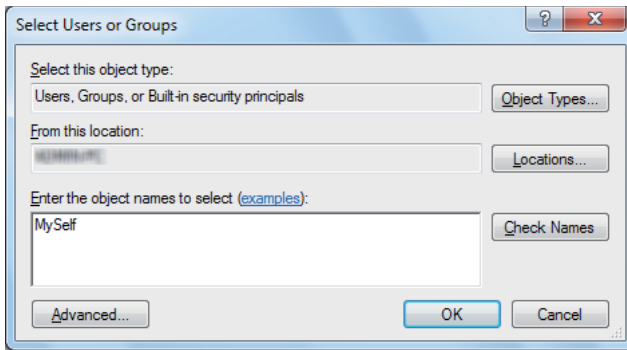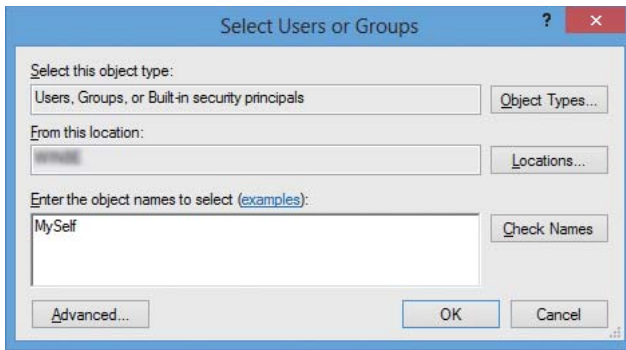

9 Click **OK**.

10 Click the user login name that you have just entered. Select the **Full Control** check box. This will grant you permission to send the document into this folder.

> **NOTE:**
> • Do not use **Everyone** as the user login name.
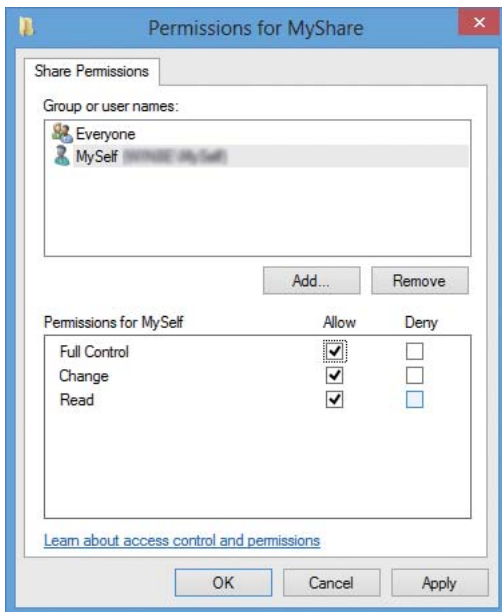
11 Click **OK**.

12 Click **OK** to exit the **Advanced Sharing** dialog box.

13 Click **Close**.

> **NOTE:**
> • To add sub-folders, create new folders in the shared folder you have created.
>   Example: Folder name: **MyShare**, Second-level folder name: **MyPic**, Third-level folder name: **John**
>   You should now see **MyShare\MyPic\John** in your directory.

After you created a folder, see "Configuring the Printer Settings" on page 150.

• For Mac OS X 10.5 and Mac OS X 10.6:

1 Create a folder in the desired directory on your computer (Example of folder name, **MyShare**).

> **NOTE:**
> • Note down the folder name as you need to use this name in the next setting procedure.

2 Select the created folder, and then select **Get Info** from the **File** menu.

**3** Select the **Shared Folder** (**Shared folder** for Mac OS X 10.6) check box, and then close the window.

4 Open **System Preferences**, and then click **Sharing**.

5 Select the **File Sharing** check box, and then click **Options**.

6 Select the **Share files and folders using SMB** (**Share files and folders using SMB (Windows)** for Mac OS X 10.6) check box and your account name.

7 Enter your account password, and then click **OK**.

8 Click **Done**.

• For Mac OS X 10.7, OS X 10.8, and OS X 10.9:

1 Create a folder in the desired directory on your computer (Example of folder name, **MyShare**).

> **NOTE:**
> • Note down the folder name as you need to use this name in the next setting procedure.

2 Select the created folder, and then select **Get Info** from the **File** menu.

3 Select the **Shared folder** check box, and then close the window.

4 Open **System Preferences**, and then click **Sharing**.

5 Select the **File Sharing** check box, and then click **Options**.

6 Select the **Share files and folders using SMB** check box and your account name.

7 Enter your account password, and then click **OK**.

8 Click **Done**.

When Using FTP

For a destination to store the document, contact your system administrator.

■ Configuring the Printer Settings

You can configure the printer settings to use the Scan to Server/Computer feature with the CentreWare Internet Services or the Address Book Editor.

From 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.

The printer's web page appears.

NOTE:
• For details on how to check the IP address of the printer, see "Verifying the IP Settings" on page 49.

3 Click the **Address Book** tab.

If user name and password are required, enter the correct user name and password.
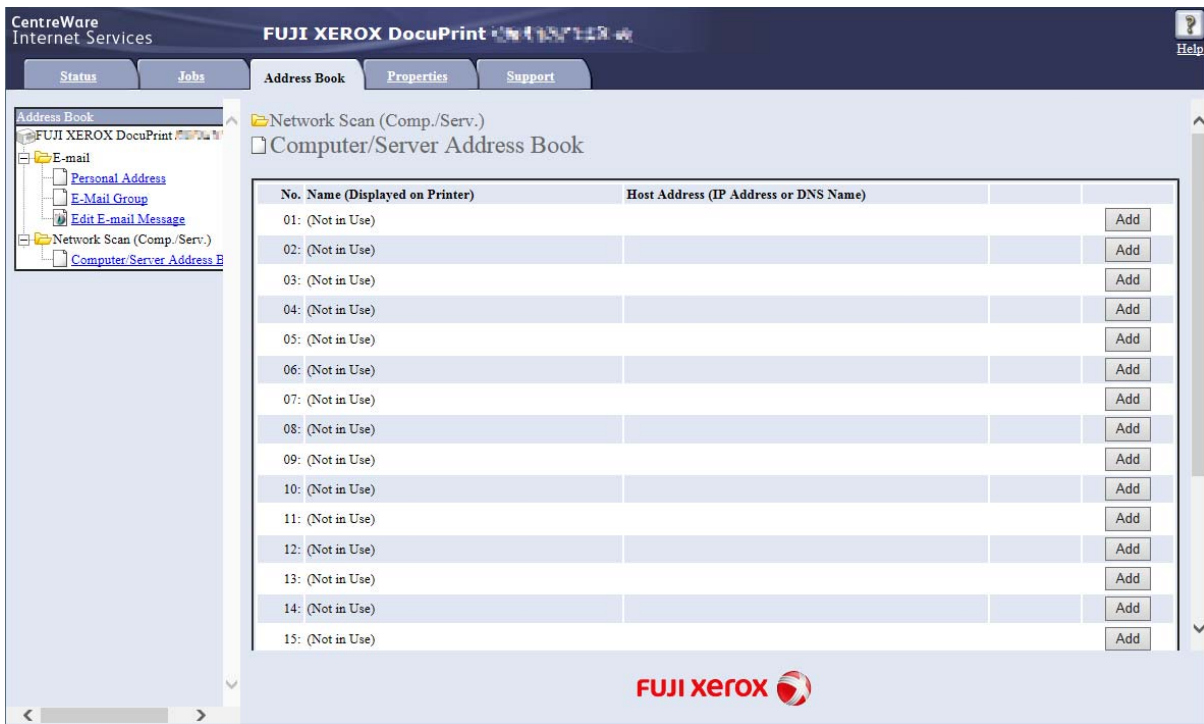
NOTE:
• The default User ID and password are **11111** and **x-admin** respectively.

4 Click **Computer/Server Address Book** under **Network Scan (Comp./Serv.)**.
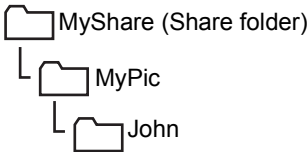
5 Select any unused number and click **Add**.

The **Add Network Scan Address** page appears.

6 To fill in the fields, enter the information as follows:

1	**Name (Displayed on Printer)**	Enter a friendly name that you want it to appear on the Address Book.
2	**Network Type**	Select **Server FTP** if you use a FTP server.
		Select **Computer SMB** if you store the document in a shared folder of your computer.
3	**Host Address (IP Address or DNS Name)**	Enter a server name or IP address of your computer or the FTP server that you have shared out.
		The following are examples: • For **Server FTP**: Server name: myhost.example.com (myhost: host name, example.com: domain name) IP address: 192.0.2.0 • For **Computer SMB**: Server name: myhost IP address: 192.0.2.0
4	**Port Number**	Enter the server port number. If you are unsure, you can enter the default value of 21 for FTP and 139 for SMB.
5	**Login Name (if required by host)**	Enter the user account name that has access to the shared folder on your computer or FTP server.
6	**Login Password**	Enter the password corresponding to the above login name. **NOTE:** • Empty password is not valid in the Scan to Computer feature. Make sure that you have a valid password for the user login account. (See "Confirming a Login Name and Password" on page 140 for details on how to add a password in your user login account.)
7	**Re-enter Password**	Re-enter your password.
8	**Name of Shared Directory**	For **Computer SMB** only. On the Windows operating system, enter the share name of the folder to store the scanned document on the recipient computer. On the Mac OS X, enter the folder name to store the scanned document on the recipient computer.
9	**Subdirectory Path (optional)**	For **Computer SMB** To store the scanned document in the share folder directly without creating any subfolder, leave the space blank. To store the scanned document in the folder you created under the share folder, enter the path as following. Example: Share Folder name: **MyShare**, Second-level folder name: **MyPic**, Third-level folder name: **John** You should now see **MyShare\MyPic\John** in your directory. MyShare (Share folder) └ MyPic └ John In this case, enter the following item. Server Path: **\MyPic\John** For **Server FTP** Enter the server path to store the scanned document.

7 Click **Apply**.

After you configured settings, see "Sending the Scanned File to the Network" on page 155.

From the Address Book Editor

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 → **Address Book Editor**.

> **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 **Device Name**.
> - The **Enter Password** window appears when `Panel Lock Set` is set to `Enable`. In this case, enter the password you specified, and click **OK**.
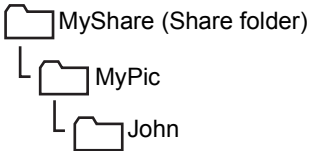
2 Click **OK** on the "Retrieval Successful" message window.

3 Click **Tool** → **New (Device Address Book)** → **Server**.
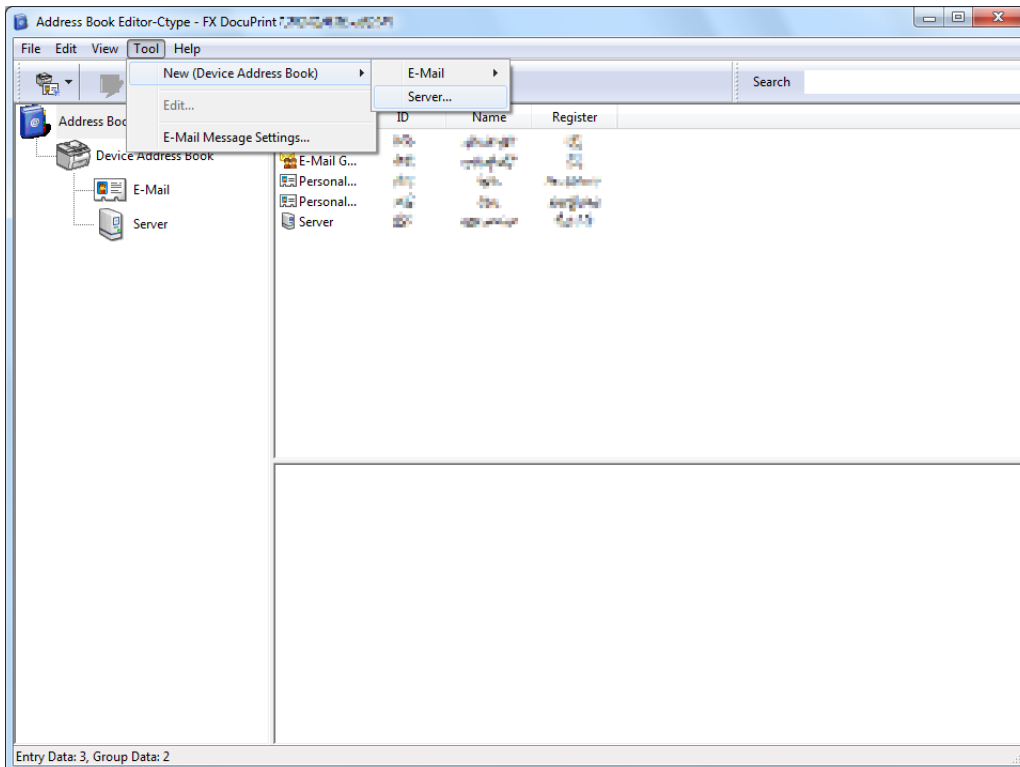
The **Server Address** window appears.

4 To fill in the fields, enter the information as follows:

1	**Name**	Enter a friendly name that you want it to appear on the Address Book.
2	**Server Type**	Select **Computer** if you store the document in a shared folder of your computer.
		Select **Server** if you use a FTP server.
3	**Computer Settings Wizard**	For **Computer** only.
		Clicking this button opens the wizard screen which guides you through several steps.
		When you complete the steps in the wizard, the settings for **Server Address** are automatically configured. For details, click **Help**.
4	**Server Name / IP Address**	Enter a server name or IP address of your computer or the FTP server that you have shared out.
		The following are examples: • For **Computer**: Server name: myhost IP address: 192.0.2.0 • For **Server**: Server name: myhost.example.com (myhost: host name, example.com: domain name) IP address: 192.0.2.0
5	**Share Name**	For **Computer** only.
		Enter the name of the shared folder on the recipient computer.
6	**Path**	For **Computer**
		To store the scanned document in the share folder directly without creating any subfolder, leave the space blank.
		To store the scanned document in the folder you created under the share folder, enter the path as following.
		Example: Share Folder name: **MyShare**, Second-level folder name: **MyPic**, Third-level folder name: **John**
		You should now see **MyShare\MyPic\John** in your directory.

		📁MyShare (Share folder)
		  └📁MyPic
		    └📁John

		In this case, enter the following item.
		Path: **\MyPic\John**
		For **Server**
		Enter the path to store the scanned document.
7	**Login Name**	Enter the user account name that has access to the shared folder on your computer or FTP server.
8	**Login Password**	Enter the password corresponding to the above login name.
		NOTE: • Empty password is not valid in the Scan to Server/Computer feature. Make sure that you have a valid password for the user login account. (See "Confirming a Login Name and Password" on page 140 for details on how to add a password in your user login account).
9	**Confirm Login Password**	Re-enter your password.
10	**Port Number**	Enter the port number. If you are unsure, you can enter the default value of 139 for SMB and 21 for FTP.

5 Click **OK**.

6 Click the **Save Device Address Book** icon on the toolbar.

After you configured settings, see "Sending the Scanned File to the Network" on page 155.

■ Sending the Scanned File to the Network

1 Place a single document facing down on the document glass and close the document cover.

  See also:
  - "Making Copies From the Document Glass" on page 121

2 Press the **Scan** button.

3 Select `Scan to Network`, and then press the (OK) button.

4 Select `Scan to`, and then press the (OK) button.
  You can also select a destination by pressing the **Address Book** button.

5 Select `Computer(Network)` or `Server(FTP)`, or `Search Address Book`, and then press the (OK) button.
  `Computer(Network)`: Stores the scanned image on the computer by using the SMB protocol.

  `Server(FTP)`: Stores the scanned image on the server by using the FTP protocol.

  `Search Address Book`: Select the server address registered in Address Book.

6 Select the destination to store the scanned file in, and then press the (OK) button.

7 Select scanning options as required.

8 Press the ◇ (**Start**) button to send the scanned files.
  The display prompts you for another page. Select `Yes` or `No`, and then press the (OK) button.

  If you select `Yes`, place the next page on the document glass, select `Continue` and then press the (OK) button.

Scanning to a USB Storage Device

The Scan to USB Memory feature allows you to scan documents and save the scanned data to a USB storage device. To scan documents and save them, follow the steps below:

1 Place a single document facing down on the document glass and close the document cover.

See also:
- "Making Copies From the Document Glass" on page 121

2 Insert the USB storage device into the USB drive of the printer.
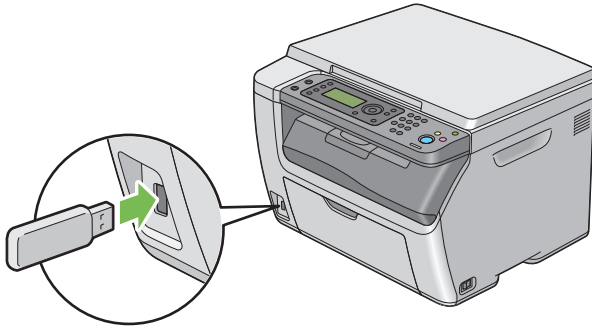
3 Select `Scan to`, and then press the (OK) button.

4 Select `Save to Root` or a folder to save file, and then press the (OK) button.

5 Select scanning options as required.

6 Press the ◁▷ (**Start**) button.

The display prompts you for another page. Select `Yes` or `No`, and then press the (OK) button.

If you select `Yes`, place the next page on the document glass, select `Continue` and then press the (OK) button.

7 Remove the USB storage device from the printer.

IMPORTANT:
- Before removing the USB storage device, ensure that the printer is not accessing the USB storage device. If you remove the USB storage device while the printer is accessing, the data in the USB storage device or the USB storage device itself may be damaged.

Sending an E-mail With the Scanned Image

To send an e-mail attached with the scanned image from your printer, follow the steps below:

- Set up your SMTP (Simple Mail Transfer Protocol) server information. SMTP is a protocol for sending e-mail. Refer to the Setup Guide for more details.
- Set up the E-mail Address Book through the CentreWare Internet Services. For details, see "Setting an E-mail Address Book" on page 157.

■ Setting an E-mail Address Book

1 Launch your web browser.

2 Enter the IP address of the printer in the address bar, and then press the **Enter** key.

The printer's web page appears.

NOTE:
- For details on how to check the IP address of the printer, see "Verifying the IP Settings" on page 49.

3 Click the **Address Book** tab.

If user name and password are required, enter the correct user name and password.

NOTE:
- The default User ID and password are **11111** and **x-admin** respectively.

4 Click **Personal Address** under **E-mail**.

5 Select any unused number and click **Add**.

The **Add Personal Address** page appears.
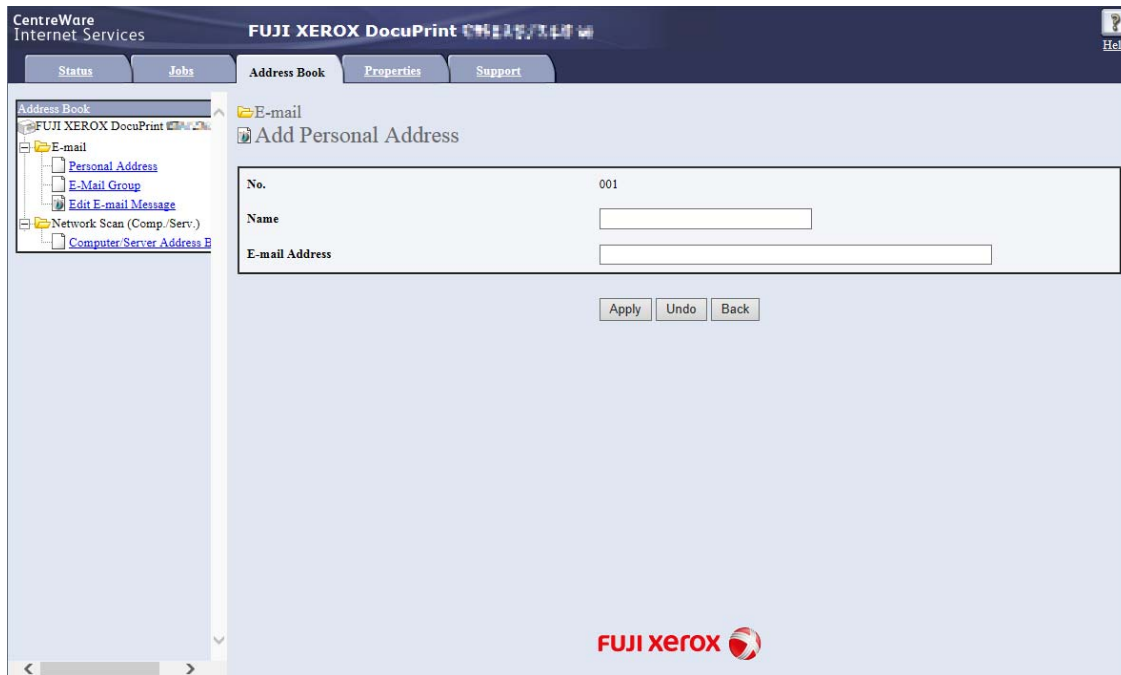
6 Enter a name in the **Name** field and an e-mail address in the **E-mail Address** field.

7 Click **Apply**.

■ Sending an E-mail With the Scanned File

1 Place a single document facing down on the document glass and close the document cover.

See also:
- "Making Copies From the Document Glass" on page 121

2 Press the **Scan** button.

3 Select Scan to E-Mail, and then press the (OK) button.

4 Select an e-mail address by one of the following way:

NOTE:
- To select an e-mail address from the Address Book, an e-mail address must be registered in the Address Book.

- Press the **Address Book** button. Select the setting listed below, and then press the (OK) button.

All Entries	Select the e-mail address registered in the E-mail Address Book, and then press the (OK) button.
E-Mail Group	Select the e-mail group registered in the E-mail Groups, and then press the (OK) button.
Search	Enter a text to search from the E-mail Address Book, and then press the (OK) button. Select the e-mail address from the list, and then press the (OK) button.

- Select E-Mail to, and then press the (OK) button. Select the setting listed below, and then press the (OK) button.

Keypad	Enter the e-mail address directly, and then press the (OK) button.
Address Book	Select the e-mail address registered in the E-mail Address Book, and then press the (OK) button.
E-Mail Group	Select the e-mail group registered in the E-mail Groups, and then press the (OK) button.
Search Address Book	Enter a text to search from the E-mail Address Book, and then press the (OK) button. Select the e-mail address from the list, and then press the (OK) button.

5 Select scanning options as required.

6 Press the ◇ (**Start**) button to send e-mail.

The display prompts you for another page. Select Yes or No, and then press the (OK) button.

If you select Yes, place the next page on the document glass, select Continue and then press the (OK) button.

Adjusting Scanning Options

■ Adjusting the Default Scan Settings

For a complete list of all of the defaults settings, see "Defaults Settings" on page 179.

Setting the Scanned Image File Type

To specify the file type of the scanned image:

1 Press the **System** button.

2 Select `Defaults Settings`, and then press the (OK) button.

3 Select `Scan Defaults`, and then press the (OK) button.

4 Select `File Format`, and then press the (OK) button.

5 Select the type, and then press the (OK) button.
Available types:

- `PDF` (factory default)
- `Multi Page TIFF`
- `TIFF`
- `JPEG`

Setting the Color Mode

You can scan an image in color or in black and white. Selecting black and white significantly reduces the file size of the scanned images. An image scanned in color will have a larger file size than the same image scanned in black and white.

1 Press the **System** button.

2 Select `Defaults Settings`, and then press the (OK) button.

3 Select `Scan Defaults`, and then press the (OK) button.

4 Select `Color`, and then press the (OK) button.

5 Select one of the following options, and then press the (OK) button.
- `Black & White`: Scans in black and white mode. This is available only when `File Format` is set to PDF or TIFF.
- `Color`: Scans in color mode. (factory default)

Setting the Scan Resolution

You may want to change the scan resolution depending on the way you plan to use the scanned image. Scan resolution affects both the size and image quality of the scanned image file. The higher the scan resolution, the larger the file size.

To select the scan resolution:

1   Press the **System** button.

2   Select `Defaults Settings`, and then press the (OK) button.

3   Select `Scan Defaults`, and then press the (OK) button.

4   Select `Resolution`, and then press the (OK) button.

5   Select one of the following options, and then press the (OK) button:
    - `200 × 200dpi`: Produces the lowest resolution and smallest file size. (factory default)
    - `300 × 300dpi`: Produces medium resolution and a medium file size.
    - `400 × 400dpi`: Produces high resolution and a large file size.
    - `600 × 600dpi`: Produces the highest resolution and largest file size.

Setting the Original Size

To specify the size of the original:

1   Press the **System** button.

2   Select `Defaults Settings`, and then press the (OK) button.

3   Select `Scan Defaults`, and then press the (OK) button.

4   Select `Document Size`, and then press the (OK) button.

5   Select a specific paper size to determine the area to be scanned, and then press the (OK) button.
    The factory default setting is `A4 (210 × 297mm)`.

Automatically Suppressing Background Variations

When scanning document has light gray background such as newspapers, the printer automatically can detect the background and whiten it when outputting the image.

To turn on/off automatic suppression:

1   Press the **System** button.

2   Select `Defaults Settings`, and then press the (OK) button.

3   Select `Scan Defaults`, and then press the (OK) button.

4   Select `Auto Exposure`, and then press the (OK) button.

5   Select either `On` or `Off`, and then press the (OK) button.
    The factory default setting is `On`.

◾ Changing the Scan Settings Options

Scanning to a Computer

• Scan to Computer (Network)

1 Press the **Scan** button.

2 Select `Scan to Network`, and then press the (OK) button.

3 Select `Scan to`, and then press the (OK) button.

4 Select `Computer(Network)`, and then press the (OK) button.

5 Select the destination computer, and then press the (OK) button.

6 Select the desired setting or enter the value using the numeric keypad, and then press the (OK) button.

7 Repeat steps **5** and **6** as needed.

8 Press the ◁▷ (**Start**) button to begin the scan.

• Scan to Computer (USB)

1 Press the **Scan** button.

2 Select `Scan to Computer(USB)`, and then press the (OK) button.

3 Select the desired menu item, and then press the (OK) button.

4 Select the desired setting or enter the value using the numeric keypad and then press the (OK) button.

5 Repeat steps **3** and **4** as needed.

6 Press the ◁▷ (**Start**) button to begin the scan.

Sending a Scanned Image by E-mail

To temporarily change a scan setting when sending a scanned image by e-mail:

1 Press the **Scan** button.

2 Select `Scan to E-Mail`, and then press the (OK) button.

3 Select the e-mail destination, and then press the (OK) button.

4 Select the desired menu item, and then press the (OK) button.

5 Select the desired setting or enter the value using the numeric keypad, and then press the (OK) button.

6 Repeat steps **4** and **5**, as needed.

7 Press the ◁▷ (**Start**) button to begin the scan.

8

Using the Operator Panel Menus and Keypad

Understanding the Printer Menus

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

NOTE:
- The access to `Admin Menu` and `Report / List` can be limited with a password by enabling the Panel Lock function. For more information, see "Panel Lock Function" on page 188.

■ Report / List

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

NOTE:
- A password is required to enter the `Report / List` menu when `Panel Lock Set` is set to `Enable`. In this case, enter the password you specified, and press the (OK) 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.

Address Book

Purpose:

To print the list of all addresses stored as Address Book information.

■ 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 `Admin Menu` when `Panel Lock Set` is set to `Enable`. In this case, enter the password you specified, and press the (OK) button.

Network

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

NOTE:

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

• Wireless Status

Purpose:

To confirm the wireless communication status. No changes can be made on the operator panel to improve the status of the wireless connection.

Values:

Connection	Good
	Acceptable
	Low
	No Reception
SSID	Displays the name that identifies the wireless network.
Encryption Type	No Security
	WEP
	WPA2[*1]-PSK-AES
	Mixed mode PSK

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

NOTE:

- This item is displayed only when `Wi-Fi` is set to `On`.

• Wireless Setup

Purpose:

To configure the wireless network interface.

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 Entry	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, WPA2, or Mixed as the encryption type, enter the passphrase of 8 to 63 alphanumeric (or 64 hexadecimal) characters.

Manual Setup	Enter Network (SSID)		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 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 64 hexadecimal) characters.
		WEP	Select to configure the wireless settings with the WEP encryption.	
			WEP Key Entry	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 setting 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 Entry	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 only when Wi-Fi is set to On.

• WPS Setup

Purpose:

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

Values:

PBC	PBC Start No*	Disables the security method of WPS-PBC[1].
	Yes	Configures the wireless setting with the security method of WPS-PBC.
PIN Code	Start Configuration	Configures the wireless setting 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 ⑴ (**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 only when Wi-Fi is set to On.

• Wi-Fi Direct Setup

Purpose:

To configure the Wi-Fi Direct® settings.

Values:

Wi-Fi Direct	Enable		Enables the Wi-Fi Direct connection.
	Disable*		Disables 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	Disconnect the connected device when using Wi-Fi Direct.
		Reset Passphrase	Resets the passphrase.
	Current Role		Displays the current role of the printer.
	Current SSID		Displays the current SSID of the connected wireless network.
SSID			Specify a 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 Method	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 with 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 Method is set to PIN Code.

NOTE:

- This item is displayed only when Wi-Fi is set to On.

• Reset Wireless

Purpose:

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

Values:

`No`*	Does not reset the wireless connection settings.
`Yes`	Resets the wireless connection settings.

NOTE:
- This item is displayed only when `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 Wireless`	`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.

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.
- This item is displayed only when `Wi-Fi` is set to `On`.

• Protocol

Purpose:

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

Values:

`LPD`	`Disable`	Disables the Line Printer Daemon (LPD) port.
	`Enable`*	Enables the LPD port.
`Port 9100`	`Disable`	Disables the Port 9100 port.
	`Enable`*	Enables the Port 9100 port.
`IPP`[*1]	`Disable`	Disables the IPP port.
	`Enable`*	Enables the IPP port.
`WSD` (Web Services on Devices)	`Disable`	Disables the Web Services on Devices (WSD) port.
	`Enable`*	Enables the Web Services on Devices (WSD) port.
`SNMP`	`Disable`	Disables the Simple Network Management Protocol (SNMP) UDP port.
	`Enable`*	Enables the SNMP UDP port.
`StatusMessenger`	`Disable`	Disables the StatusMessenger feature.
	`Enable`*	Enables the StatusMessenger feature.

Internet Services	Disable	Disables an access to the CentreWare Internet Services embedded in the printer.
	Enable*	Enables an access to the CentreWare Internet Services embedded in the printer.
Bonjour(mDNS)	Disable	Disables the Bonjour (mDNS).
	Enable*	Enables the Bonjour (mDNS).
HTTP-SSL/TLS*2	Disable*	Disables HTTP-SSL/TLS.
	Enable	Enables HTTP-SSL/TLS.
SNTP	Disable*	Disables SNTP.
	Enable	Enables SNTP.

[*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

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

NOTE:
- This item is displayed only when Wi-Fi is set to On.

• IP Filter

NOTE:
- This item is displayed only when Wi-Fi is set to On.
- The IP Filter feature is supported for IPv4 addresses and available only for LPD or Port 9100.

Purpose:

To block data received from certain IP addresses through the 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.)	Reject	Rejects an access from the specified IP address.
	Accept	Accepts an access from the specified IP address.
	Off*	Disables the IP Filter feature for Filter n.

• 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.

Values:

Yes
No*

• Wi-Fi

Purpose:

To enable the wireless connection.

Values:

Off
On*

NOTE:
- When you use the USB connection and do not use the wireless connection, you need to disable Wi-Fi.

System Settings

Use the `System Settings` menu to configure a variety of printer features.

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*	Specifies the time taken by the printer before it enters the low power mode after it finishes a job.
	5 – 30min	
Sleep Timer	6min*	Specifies the time taken by the printer before it enters the sleep mode after it goes into the low power mode.
	1 – 6min	

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 the low power mode, you can also return the printer to the standby mode by pressing any button on the operator panel. In the sleep mode, you can return the printer to the standby mode by pressing the ☾ (**Power Saver**) button.

• 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 Time-Out

Purpose:

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

Values:

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

• Job Time-Out

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:

Off		Disables the job time-out.
On	60sec*	Specifies the amount of time that the printer waits for data to arrive from the computer.
	5 – 300sec	

• Clock Settings

Purpose:

To set the date and time, and regional time zone of the printer.

Values:

Set Date		Specifies the current date.
Set Time		Specifies the current time.
Date Format	yy / mm / dd	Specifies the date format.
	mm / dd / yy	
	dd / mm / yy*	
Time Format	12H	Specifies the time format.
	24H*	
Time Zone	Specifies the time zone.	

• Alert Tone

Purpose:

To configure settings for tones emitted by the printer during operation or when a warning message appears.

Values:

Panel Select Tone	Off*	Does not emit a tone when the operator panel input is correct.
	Min	Emits a tone at the specified volume when the operator panel input is correct.
	Middle	
	Max	
Panel Alert Tone	Off*	Does not emit a tone when the operator panel input is incorrect.
	Min	Emits a tone at the specified volume when the operator panel input is incorrect.
	Middle	
	Max	
Auto Clear Alert	Off*	Does not emit a tone before the printer performs auto clear.
	Min	Emits a tone at the specified volume five seconds before the printer performs auto clear.
	Middle	
	Max	
Job Tone	Off	Does not emit a tone when a job is complete.
	Min	Emits a tone at the specified volume when a job is complete.
	Middle*	
	Max	
Alert Tone	Off	Does not emit a tone when a problem occurs.
	Min	Emits a tone at the specified volume when a problem occurs.
	Middle*	
	Max	

Out of Paper	Off	Does not emit a tone when the printer runs out of paper.
	Min	Emits a tone at the specified volume when the printer runs out of paper.
	Middle*	
	Max	
All Tones	Off	Disables all the alert tones.
	Min	Sets the volume of all the alert tones at once.
	Middle*	
	Max	

• mm / inch

Purpose:

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

Values:

| Millimeters (mm)* | Specifies the default measurement unit. |
| Inches (") | |

• Low Toner Alert Msg

Purpose:

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

Values:

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

• Show Paper Size/Type Error

Purpose:

Specifies whether to use paper of a different size when the paper that is loaded in the printer does not match the paper size settings for the current job.

Values:

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

• Power On Wizard

Purpose:

To perform initial settings for the printer.

See also:

Values:

| Yes | Performs the initial settings for the printer. |
| No* | Does not perform the initial settings for the printer. |

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	Lightweight
	Heavyweight*
Labels	Lightweight
	Heavyweight*

• 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:

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

• Adjust ColorRegi

Purpose:

To manually perform color registration adjustment.

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

Values:

Auto Adjust	Yes	Automatically corrects color registration.
	No*	Does not correct color registration automatically.
Color Regi Chart		Prints a color registration chart. The color registration chart prints a lattice pattern of yellow, magenta, and cyan lines. On the chart, find the values on the right side that are next to the line that is perfectly straight for each of the three colors. If the value for this line is 0, color registration adjustment is not required.
		If the value for this line is any value other than 0, specify the adjustment values under lateral adjustment and process adjustment in Enter Number values.

Enter Number	LY, LM, LC	0, 0, 0*	Sets lateral (perpendicular to paper feed direction) and process (paper feed direction) color adjustment values individually for yellow, magenta, and cyan. Enter a number in order of color adjustment values individually for yellow, magenta, and cyan.
		-5 – +5	
	RY, RM, RC	0, 0, 0*	
		-5 – +5	
	Y, M, C	0, 0, 0*	Enter a number in order of lateral adjustment (left), lateral adjustment (right), and process adjustment.
		-5 – +5	

• Clean Developer

Purpose:

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

Values:

Yes	Stirs the toner in a new toner cartridge.
No*	Does not stir the toner in a new 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	Yes	Cleans the toner in the yellow toner cartridge.
	No*	Does not clean the toner in the yellow toner cartridge.
Magenta	Yes	Cleans the toner in the magenta toner cartridge.
	No*	Does not clean the toner in the magenta toner cartridge.
Cyan	Yes	Cleans the toner in the cyan toner cartridge.
	No*	Does not clean the toner in the cyan toner cartridge.
Black	Yes	Cleans the toner in the black toner cartridge.
	No*	Does not clean 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 or Address Book data for e-mail and server address. After executing this function and rebooting the printer, the menu parameters or data, except the parameters for the network, are reset to their factory default values.

See also:
- "Resetting to Factory Defaults" on page 192

Values:

System Section	Yes	Initializes the system parameters.
	No*	Does not initialize the system parameters.
User Scan Section	Yes	Initializes the e-mail and server address entries in the Address Book.
	No*	Does not initialize the e-mail and server address entries in the Address Book.

• 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 consumables not supplied by Fuji Xerox.
- Before you use toner cartridges of another manufacturer, be sure to restart the printer.

Values:

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 poor printing quality or 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 `Admin Menu` and `Report / List` with a password.

See also:
- "Panel Lock Function" on page 188

NOTE:
- You can select `Disable` for `Panel Lock Set` when all items under `Service Lock` are set to `Unlocked`.

Values:

Panel Lock Set	Disable*	Does not restrict access to `Admin Menu` and `Report / List` with a password.
	Enable	Restricts access to `Admin Menu` and `Report / List` with a password.
Change Password[*1]	0000* – 9999	Sets or changes the password required to access `Admin Menu` and `Report / List`.

[*1] This item is displayed only when `Panel Lock Set` is set to `Enable`.

• Service Lock

Purpose:

To specify whether to enable each of the printer services or to require a password to use the services, and to set or change the password.

See also:
- "Limiting Access to Printer Operations" on page 190

NOTE:
- You can access to the items under `Service Lock` only when `Panel Lock Set` is set to `Enable`.

Values:

COPY	Unlocked*	Enables the Copy service.
	Locked	Disables the Copy service.
	Password Locked	Enables the Copy service, but requires a password.
	Color Pass. Locked	Enables the Copy service with a color mode, but requires a password.
SCAN	Unlocked*	Enables the Scan service.
	Locked	Disables the Scan service.
	Password Locked	Enables the Scan service, but requires a password.
	Color Pass. Locked	Enables the Scan service with a color mode, but requires a password.
Print from USB	Unlocked*	Enables the Print from USB service.
	Locked	Disables the Print from USB service.
	Password Locked	Enables the Print from USB service, but requires a password.
	Color Pass. Locked	Enables the Print from USB service with a color mode, but requires a password.
Change Password[*1]	0000* – 9999	Sets or changes the password required to use the Copy, Scan, and Print from USB services.

[*1] This item is displayed when `Service Lock` is set to `Password Locked` or `Color Pass. Locked`.

• Software Download

Purpose:

To specify whether to allow downloading firmware updates.

Values:

Disable	Disables downloading of firmware updates.
Enable*	Enables downloading of firmware updates.

• Show NetworkInfo

Purpose:

To show or hide network information on the top screen of the LCD panel.

Values:

IP Address*	Shows the IPv4 address of the printer.
Host Name	Shows the host name of the printer.
Hide Information	Does not show network information.

Scan to E-Mail

Use the `Scan to E-Mail` menu to edit the transmission source.

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

• Edit From Field

Purpose:

To enable or disable editing of the transmission source.

Values:

Disable	Disables editing of the transmission source.
Enable*	Enables editing of the transmission source.

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:

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

■ Defaults Settings

Use the `Defaults Settings` menu to configure the default copy, scan, and print from USB settings of the printer.

Copy Defaults

Use the `Copy Defaults` menus to configure a variety of copy features.

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

• Color

Purpose:

To set whether to make copies in color or in black and white.

Values:

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

• Collated

Purpose:

To sort the copy job.

Values:

Off*	Does not sort the copy job.
On	Sorts the copy job.

• Reduce/Enlarge

Purpose:

To set the default value for copy reduction/enlargement ratio.

Values:

mm systems

200%
A5->A4(141%)
A5->B5(122%)
100%*
B5->A5(81%)
A4->A5(70%)
50%

inch systems

200%
Stmt->Lgl(154%)
Stmt->Ltr(129%)
100%*
Lgl->Ltr (78%)
Ldgr->Ltr(64%)
50%

NOTE:
- You can also use the numeric keypad to input the desired zoom ratio from 25% to 400%, or press the ▶ button to enlarge the zoom ratio or press the ◀ button to reduce the zoom ratio in 1% intervals.
- This item is available only when `N-Up` is set to `Off` or `Manual`.

• Document Size

Purpose:

To specify the default document size.

Values:

`A4 (210 × 297mm)`*
`A5 (148 × 210mm)`
`B5 (182 × 257mm)`
`Letter (8.5 × 11")`
`Executive (7.25 × 10.5")`

• Document Type

Purpose:

To select the copy image quality.

Values:

`Text`	Suitable for documents with text.
`Mixed`*	Suitable for documents with both text and photos/gray tones.
`Photo`	Suitable for documents with photos.

• Lighten/Darken

Purpose:

To set the default copy density level.

Values:

`Lighten2`	Makes the copy lighter than the original. Works well with dark print.
`Lighten1`	
`Normal`*	Works well with standard type or printed documents.
`Darken1`	Makes the copy darker than the original. Works well with light print or faint pencil markings.
`Darken2`	

• Sharpness

Purpose:

To set the default sharpness level.

Values:

`Sharpest`	Makes the copy sharper than the original.
`Sharper`	
`Normal`*	Does not make the copy sharper or softer than the original.
`Softer`	Makes the copy softer than the original.
`Softest`	

• Auto Exposure

Purpose:

To suppress the background of the original to enhance text on the copy.

Values:

Off	Does not suppress the background.
On*	Suppresses the background of the original to enhance text on the copy.

• Color Balance R

Purpose:

To specify the default color balance level of red within the range of -2 to +2. The factory default menu setting is 0.

• Color Balance G

Purpose:

To specify the default color balance level of green within the range of -2 to +2. The factory default menu setting is 0.

• Color Balance B

Purpose:

To specify the default color balance level of blue within the range of -2 to +2. The factory default menu setting is 0.

• Gray Balance

Purpose:

To specify the default gray balance level within the range of -2 to +2. The factory default menu setting is 0.

NOTE:
• This option is effective only for black and white copying.

• N-Up

Purpose:

To print two original pages to fit into one sheet of paper.

Values:

Off*	Does not perform N-Up printing.
Auto	Automatically reduces the original pages to fit into one sheet of paper.
Manual	Prints the original pages into the one sheet of paper in the size specified in Reduce/Enlarge.

• Margin Top/Bottom

Purpose:

To specify the value of the top and bottom margins.

Values:

4mm*/0.2 inch*	Specify the value in increments of 1 mm/0.1 inch.
0 - 50mm/0.0 - 2.0 inch	

• Margin Left/Right

Purpose:

To specify the value of the left and right margins.

Values:

4mm*/0.2 inch*	Specify the value in increments of 1 mm/0.1 inch.
0 - 50mm/0.0 - 2.0 inch	

• Margin Middle

Purpose:

To specify the value of the middle margin.

Values:

0mm*/0.0 inch*	Specify the value in increments of 1 mm/0.1 inch.
0 - 50mm/0.0 - 2.0 inch	

• Paper Error

Purpose:

To specify whether to display a paper error when the size of print media loaded in the printer is different from the setting specified on the operator panel.

Values:

Off*	Does not display a paper error.
On	Displays a paper error.

Scan Defaults

Use the `Scan Defaults` menus to configure a variety of scanner features.

NOTE:
• The value marked by an asterisk (*) is the factory default setting.

• File Format

Purpose:

To specify the file format to save the scanned image.

Values:

PDF*
Multi Page TIFF
TIFF
JPEG

• Color

Purpose:

To set the color mode.

Values:

Black & White	Scans in black and white mode. This is available only when `File Format` is set to PDF or TIFF.
Color*	Scans in color mode.

• Color Button Set

Purpose:

To assign color mode to the **Color Mode** button.

Values:

B&W Button	Black & White*	Scans in black and white when `Black & White` is selected for a color mode.
	Grayscale	Scans in gray scale when `Black & White` is selected for a color mode.
Color Button	Color*	Scans in color when `Color` is selected for a color mode.
	Color(Photo)	Scans in color (photo) when `Color` is selected for a color mode. This is suitable for photographic images.

• Resolution

Purpose:

To specify the default scan resolution.

Values:

200 × 200dpi*
300 × 300dpi
400 × 400dpi
600 × 600dpi

• Document Size

Purpose:

To specify the default document size.

Values:

A4 (210 × 297mm)*
A5 (148 × 210mm)
B5 (182 × 257mm)
Letter (8.5 × 11")
Executive (7.25 × 10.5")

• Lighten/Darken

Purpose:

To set the default scan density level.

Values:

Lighten2	Makes the scanned image lighter than the original. Works well with dark print.
Lighten1	
Normal*	Works well with standard type or printed documents.
Darken1	Makes the scanned image darker than the original. Works well with light print or faint pencil markings.
Darken2	

• Sharpness

Purpose:

To set the default sharpness level.

Values:

Sharpest	Makes the scanned image sharper than the original.
Sharper	
Normal*	Does not make the scanned image sharper or softer than the original.
Softer	Makes the scanned image softer than the original.
Softest	

• Auto Exposure

Purpose:

To suppress the background of the original to enhance text on the scanned image.

Values:

Off	Does not suppress the background.
On*	Suppresses the background of the original to enhance text on the scanned image.

• Margin Top/Bottom

Purpose:

To specify the value of the top and bottom margins.

Values:

2mm*/0.1 inch*	Specify the value in increments of 1 mm/0.1 inch.
0 - 50mm/0.0 - 2.0 inch	

• Margin Left/Right

Purpose:

To specify the value of the left and right margins.

Values:

2mm*/0.1 inch*	Specify the value in increments of 1 mm/0.1 inch.
0 - 50mm/0.0 - 2.0 inch	

• Margin Middle

Purpose:

To specify the value of the middle margin.

Values:

0mm*/0.0 inch*	Specify the value in increments of 1 mm/0.1 inch.
0 - 50mm/0.0 - 2.0 inch	

• TIFF File Format

Purpose:

To specify the TIFF file format.

Values:

TIFF V6
TTN2*

• Image Compression

Purpose:

To specify the image compression level.

Values:

Higher	Sets the image compression level to Higher.
Normal*	Sets the image compression level to Normal.
Lower	Sets the image compression level to Lower.

• Max E-Mail Size

Purpose:

To specify the maximum size of e-mail that can be sent, within the range of 50 K bytes to 16384 K bytes. The default is 2048 K bytes.

• File Naming Mode

Purpose:

To specify the detailed setting for file name.

Values:

Auto*	Sets the default file name.
Add Prefix	Adds texts in front of the file name.
Add Suffix	Adds texts after the file name.

• Create Folder

Purpose:

To specify whether to create a folder when saving scanned images.

Values:

Off*	Does not create a folder when saving a scanned image.
On	Creates a folder when saving a scanned image.

• Prefix/Suffix String

NOTE:

- This item is displayed only when `File Naming Mode` is set to `Add Prefix` or `Add Suffix`.

Purpose:

To specify the texts that are added to the file name.

Print from USB Defaults

To modify the defaults for the `Print from USB Defaults` menu.

NOTE:

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

• Layout

Purpose:

To automatically enlarge/reduce print documents when you print directly from a USB storage device.

Values:

Auto*	Automatically enlarges/reduces print documents to fit the paper.
Off	Print documents that are larger than the paper are automatically reduced to fit the paper. Print documents that are smaller than the paper are printed as they are.

■ Tray Settings

Use the `Tray Settings` menu to set the paper size and paper type loaded in the multipurpose feeder (MPF).

MPF

NOTE:
• The value marked by an asterisk (*) is the factory default setting.

Purpose:

To specify the default paper size loaded in the MPF.

Values:

Paper Size	A4 (210 × 297mm)*			
	A5 (148 × 210mm)			
	B5 (182 × 257mm)			
	Letter (8.5 × 11")			
	Folio (8.5 × 13")			
	Legal (8.5 × 14")			
	Executive (7.25 × 10.5")			
	Envelope #10 (4.1×9.5")			
	Monarch Env. (3.9×7.5")			
	Monarch Env. L (7.5×3.9")			
	DL Env. (110×220mm)			
	DL Env. L (220×110mm)			
	C5 Envelope (162 × 229mm)			
	Custom Size	Portrait(Y)	297mm*/11.7inch*	Specifies the length of the custom size paper.
			127 – 355mm/5.0 – 14.0inch	
		Landscape(X)	210mm*/8.3inch*	Specifies the width of the custom size paper.
			77 – 215mm/3.0 – 8.5inch	
Paper Type	Plain*			
	Bond			
	Light Card			
	LW Gloss Card			
	Labels			
	Recycled			
	Envelope			
	Plain S2			
	Bond S2			
	Light Card S2			
	LW Gloss Card S2			
	Recycled S2			

NOTE:
• For more information on supported paper sizes, see "Usable Print Media" on page 82.

■ Panel Language

Purpose:

To specify the language to be used on the LCD panel.

See also:

- "Adjusting the Language" on page 117

Values:

English
简体中文
繁體中文
한국어

Panel Lock Function

When your printer is configured as a network printer available to a number of users, the access to `Admin Menu` and `Report / List` 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 **System** button.

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

3 Select `Secure Settings`, and then press the (OK) button.

4 Select `Panel Lock`, and then press the (OK) button.

5 Select `Panel Lock Set`, and then press the (OK) button.

6 Select `Enable`, and then press the (OK) button.

7 As necessary, select `Change Password`, and change the password using the numeric keypad. Then, press the (OK) button.

NOTE:
• The factory-default panel password is 0000.
• Be sure to remember the password. The procedure described below allows you to reset the password.
   1 Turn off the printer.
   2 Turn on the printer with holding the **System** button.

■ Changing the Panel Lock Password

1 Press the **System** button.

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

3 Enter the current password, and then press the (OK) button.

4 Select `Secure Settings`, and then press the (OK) button.

5 Select `Panel Lock`, and then press the (OK) button.

6 Select `Change Password`, and then press the (OK) button.

7 Enter a new password, and then press the (OK) button.

■ Disabling the Panel Lock

NOTE:
- You can select `Disable` for `Panel Lock Set` when all items under `Service Lock` are set to `Unlocked`.

1 Press the **System** button.

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

3 Enter the password, and then press the (OK) button.

4 Select `Secure Settings`, and then press the (OK) button.

5 Select `Panel Lock`, and then press the (OK) button.

6 Select `Panel Lock Set`, and then press the (OK) button.

7 Select `Disable`, and then press the (OK) button.

Limiting Access to Printer Operations

Enabling the Copy lock, Scan lock, and Print from USB lock options limits access to copy, scan, and print from USB operations.

Taking Copy lock as an example, the following procedure explains how to enable or disable the option.

Use the same procedure to enable or disable the Scan lock and Print from USB lock.

1 Press the **System** button.

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

3 Select `Secure Settings`, and then press the (OK) button.

4 Select `Panel Lock`, and then press the (OK) button.

5 Select `Panel Lock Set`, and then press the (OK) button.

6 Select `Enable`, and then press the (OK) button.

7 As necessary, select `Change Password`, and change the password using the numeric keypad. Then, press the (OK) button.

   NOTE:
   • The default password is 0000.

8 Press the ⬑ (**Back**) button.

9 Select `Service Lock`, and then press the (OK) button.

10 Select `COPY`, and then press the (OK) button.

11 Select one of the following option, and then press the (OK) button.
   • `Unlocked`
   • `Locked`
   • `Password Locked`
   • `Color Pass. Locked`

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 27

1 Press the **System** button.

2 Select Admin Menu, and then press the (OK) button.

3 Select System Settings, and then press the (OK) button.

4 Select Power Saver Timer, and then press the (OK) button.

5 Select Low Power Timer or Sleep Timer, and then press the (OK) button.

6 Press the ▲ or ▼ button or enter the desired value using the numeric keypad, and then press the (OK) 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, the menu parameters or data 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 169.
  - To reset the wireless connection settings, refer to "Reset Wireless" on page 168.

1 Press the **System** button.

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

3 Select `Maintenance`, and then press the (OK) button.

4 Select `Initialize NVM`, and then press the (OK) button.

5 To initialize the menu parameters, select `System Section`, and then press the (OK) button.

To initialize the Address Book data for e-mail and server address, select `User Scan Section`, and then press the (OK) button.

6 Select `Yes`, and then press the (OK) button.

The printer restarts automatically to apply the settings.

Using the Numeric Keypad

As you perform various tasks, you may need to enter numbers or characters. For example, when you enter the password, you enter the four-digit number or passphrase.
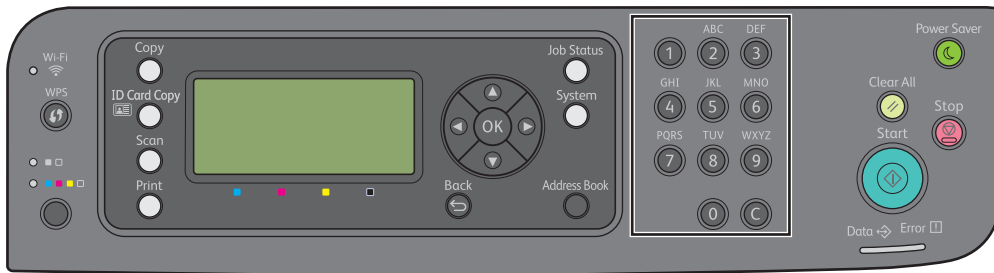
■ Entering Characters

When prompted to enter a letter, press the each number key until the correct letter appears on the LCD panel.

For example, to enter the letter O, press **6**.

- Each time you press **6**, the display shows a different letter in sequence, m, n, o, M, N, O and finally 6.
- To enter additional letters, repeat the first step.
- Press the (OK) button when you are finished.

Key	Assigned numbers or characters
1	1 @ . _ - (space) \ & ( ) ! # $ % ' ~ ^ ` ; , + = [ ] { }
2	a b c A B C 2
3	d e f D E F 3
4	g h i G H I 4
5	j k l J K L 5
6	m n o M N O 6
7	p q r s P Q R S 7
8	t u v T U V 8
9	w x y z W X Y Z 9
0	0

■ Deleting Numbers or Characters

Press the **C** (**Clear**) button to delete the number or character.

9

Digital Certificates

- "Using Digital Certificates" on page 195

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 233 and "Digital Certificate Problems" on page 231.

■ Setting a Digital Certificate

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

```
┌─────────────────────────────────────────────────────┐
│ Prepare the printer for HTTPS Communication using a  │
│ self-signed certificate. For details, see "Preparing │
│ to Use HTTPS Communication" on page 195.             │
└─────────────────────────────────────────────────────┘
                         ↓
┌─────────────────────────────────────────────────────┐
│ Export the Certificate Signing Request (CSR) from    │
│ the printer. For details, see "Exporting a           │
│ Certificate Signing Request (CSR)" on page 196.      │
└─────────────────────────────────────────────────────┘
                         ↓
┌─────────────────────────────────────────────────────┐
│ Receive a signed certificate from a certificate      │
│ authority using the Certificate Signing Request      │
│ (CSR) exported from the printer.                     │
└─────────────────────────────────────────────────────┘
                         ↓
┌─────────────────────────────────────────────────────┐
│ Upload a signed certificate. For details, see        │
│ "Uploading a Signed Certificate" on page 196.        │
└─────────────────────────────────────────────────────┘
```

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 30.

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 195.
- 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 30.

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 30.

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 195.

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 30.

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 30.

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 30.

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 195.

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

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

See also:
- "About Print Media" on page 80
- "Supported Print Media" on page 82

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 80.
- See "Loading Print Media in the Multipurpose Feeder (MPF)" on page 85 and "Loading Print Media in the Priority Sheet Inserter (PSI)" on page 91 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 MPF or the PSI.
- 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 81.
- Do not remove the PSI during a print job.
- 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.
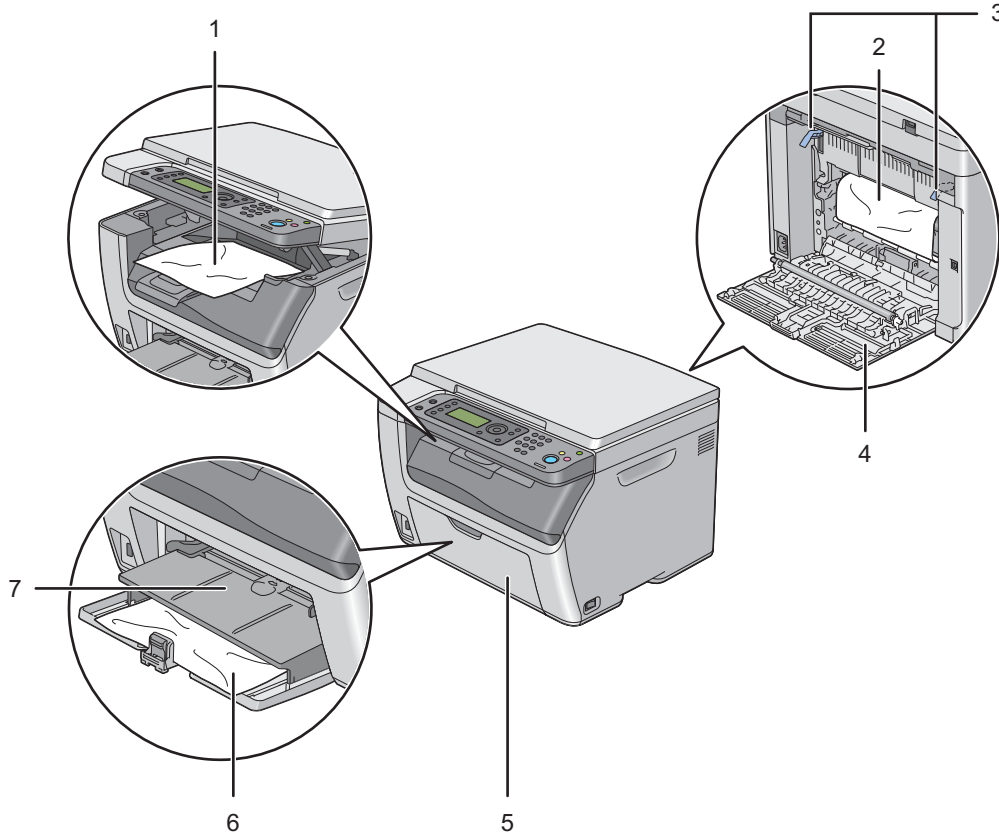
1	Center Output Tray
2	Transfer Belt
3	Levers
4	Rear Cover
5	Front Cover
6	Multipurpose Feeder (MPF)
7	Priority Sheet Inserter (PSI)

■ 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 Pull the PSI out.
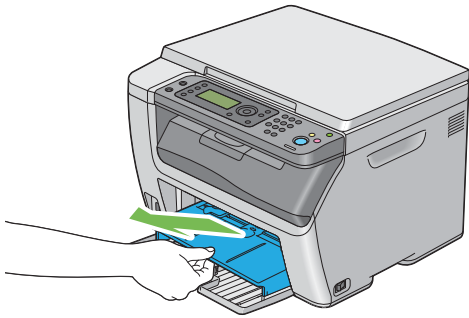
2 Remove any paper jammed from the front of the printer.
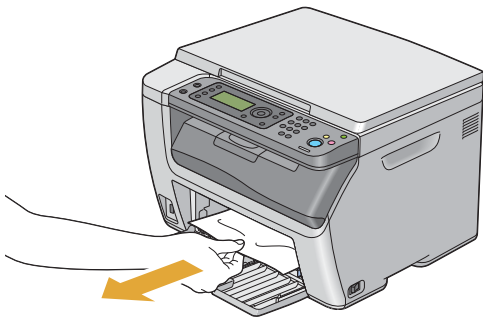
3 Replace the PSI in the printer.
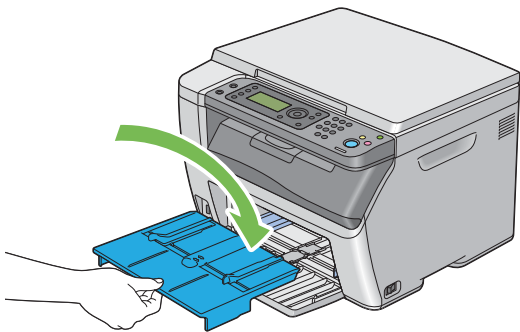
IMPORTANT:

• Do not use excessive force on the PSI. Doing so could damage the PSI or the insides of the printer.

■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.
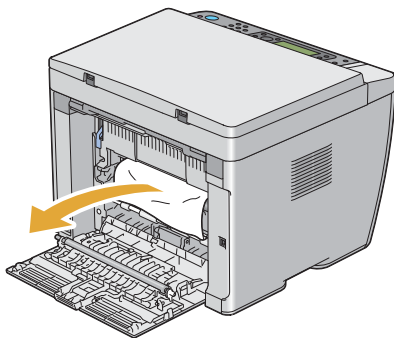
4 Lower the levers to their original position.
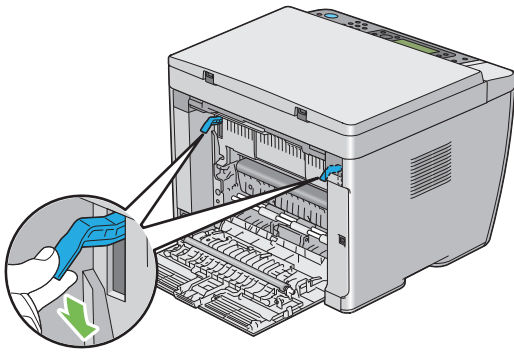
5 Close the rear cover.
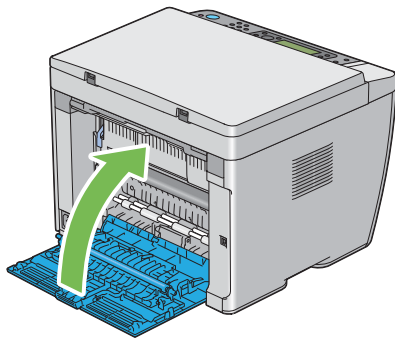
■ Clearing Paper Jams From the Center Output Tray

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.
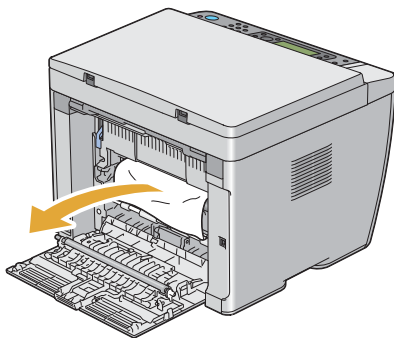
4 If no paper is found in the paper path, lift and open the scanner.
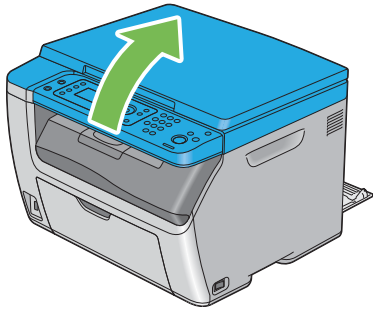
5 Remove any paper jammed from the center output tray.
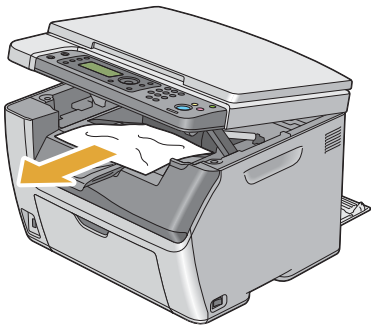
6 Lower and close the scanner.
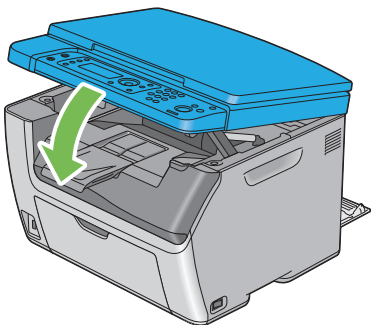
7 Lower the levers to their original position.
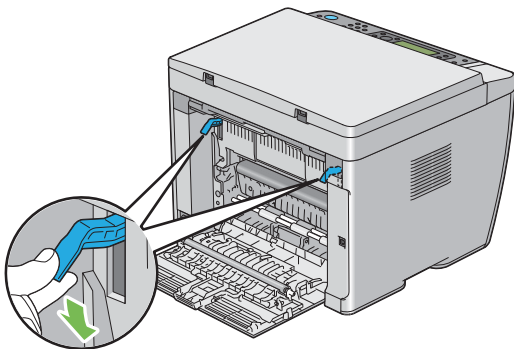
8 Close the rear cover.
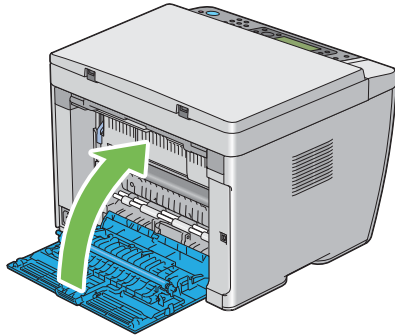
■ Jam Problems

Misfeed jam

Problem	Action
Print media misfeeds occur.	Remove the paper from the PSI, and then make sure that the paper is properly inserted in the MPF.
	Depending on the print media you use, take any of the following actions: • 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 MPF or the PSI as instructed in "Loading Envelope in the Multipurpose Feeder (MPF)" on page 89 or "Loading Envelope in the Priority Sheet Inserter (PSI)" on page 93.
	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.	Remove the paper from the PSI, and then make sure that the paper is inserted properly in the MPF.
	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.

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 233.

Display Problems

Problem	Action
Menu settings changed from the operator panel have no effect.	Settings in the print driver or printer utilities have precedence over the settings made on the operator panel.
	Change the menu settings from the print driver or printer utilities instead of the operator panel.

Printing Problems

Problem	Action
Job did not print or incorrect characters printed.	Confirm that the `Ready` screen appears on the LCD panel before you send a job to print.
	Make sure that print media is loaded in the printer.
	Verify that you are using the correct print driver.
	If you are using wireless connection, make sure that the wireless connection is established.
	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.
	Verify that the correct print media size is selected.
	If you are using a print spooler, verify that the spooler has not stalled.
	Check the interface of your printer from `Admin Menu`.
	Determine the host interface you are using. Print a System Settings page to verify that the current interface settings are correct. See "Printing a System Settings Page" on page 115 for details on how to print a System Settings page.
Print media misfeeds or multiple feeds occur.	Make sure that the print media you are using meets the specifications for your printer. **See also:** • "Usable Print Media" on page 82
	Fan the print media before loading it.
	Make sure that the print media is loaded correctly.
	Make sure that the paper width guides and length guide are adjusted correctly.
	Make sure that the PSI is securely inserted.
	Do not overload the print media sources.
	Do not force print media into the PSI or the MPF when you load it. Otherwise, it may skew or buckle.
	Make sure that the print media is not curled.
	Load the recommended print side correctly for the type of print media you are using. **See also:** • "Loading Print Media" on page 84
	Turn the print media over or around and try printing again to see if feeding improves.
	Do not mix print media types.
	Do not mix print media sizes.
	Remove the top and bottom curled sheets of a ream before loading the print media.
	Load the print media source only when it is empty.
The envelope is creased after printing.	Make sure that the envelope is loaded as instructed in "Loading Envelope in the Multipurpose Feeder (MPF)" on page 89 or "Loading Envelope in the Priority Sheet Inserter (PSI)" on page 93.
Page breaks in unexpected places.	Increase the value for **Job Timeout** in the **System Settings** menu, that is on the **Printer Maintenance** tab in the Printer Setting Utility.
	Increase the time-out value for the protocol in use in the **Protocol Settings** menu on the CentreWare Internet Services.
Printer does not print duplex pages.	Select either of the duplex printing options (flip on short edge/flip on long edge) in the print driver. **See also:** • "Manual Duplex Printing" on page 95

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 164
- "Printer Setting Utility (Windows Only)" on page 31
- "SimpleMonitor (Windows Only)" on page 32

■ The Output Is Too Light

ABC
DEF

Problem	Action
The output is too light.	The toner cartridges may be low or need to be replaced. Confirm the amount of toner in each toner cartridge. **1** Check the toner level in the **Consumables** tab in the **Printer Status** window of the SimpleMonitor. **2** Replace the toner cartridges as necessary.
	Verify that the print media is dry and the correct print media is used. If not, use the print media recommended for the printer. **See also:** - "Usable Print Media" on page 82
	Try changing the paper type setting in the print driver. The following procedure uses the Microsoft® Windows® print driver as an example. **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 size print media, and then click **Print Test Page** in the **Properties** window of the print driver.
	Disable the toner saving feature in the print driver. **See also:** - "Conserving Supplies" on page 256

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.
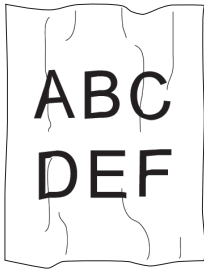
■ Toner Smears or Print Comes Off/Stain on Back Side

Problem	Action
Toner smears or print comes off. The output has stain on the back side.	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. **1** On the **Paper/Output** tab in **Printing Preferences** of the print driver, change the **Paper Type** setting.
	Verify that the correct print media is being used. If not, use the print media recommended for the printer. **See also:** • "Usable Print Media" on page 82
	Adjust the temperature of the fusing unit. **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.	Make sure that the toner cartridges are installed correctly. **See also:** • "Installing a Toner Cartridge" on page 250
	If you use non-genuine brand toner cartridges, install genuine brand toner cartridges.
	Clean up the fusing unit. **1** Load one sheet of paper on the MPF, 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
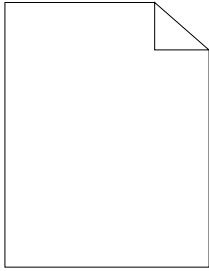
If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.

■ Streaks Appear on the Output
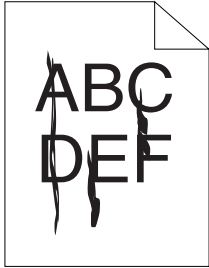
If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.

■ Pitched Color Dots
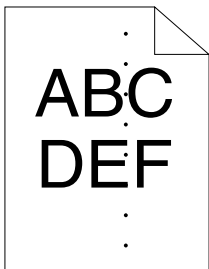
If this trouble happens, contact the Fuji Xerox local representative office or an authorized dealer.

■ 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:** • "Cleaning Inside the Printer" on page 243

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.	Adjust the transfer bias. **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**.
	If you use non-recommended print media, use the print media recommended for the printer.

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.	Adjust the transfer bias. **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.
	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. **1** On the **Paper/Output** tab in **Printing Preferences** of the print driver, change the **Paper Type** setting.
	Adjust the temperature of the fusing unit. **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**.
	If you use non-recommended print media, use the print media recommended for the printer.

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**. **1** Launch the Printer Setting Utility, and click **Clean Developer** on the **Diagnosis** tab. **2** Click **Start**.
	If the problem continues even after performing **Clean Developer**, start **Refresh Mode**. **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.
	If the problem continues even after performing **Refresh Mode**, start **Refresh Mode** again. **NOTE:** • 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. **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.	The toner cartridges may be low or need to be replaced. Confirm the amount of toner in each toner cartridge. **1** Check the toner level in the **Consumables** tab in the **Printer Status** window of the SimpleMonitor. **2** Replace the toner cartridges as necessary.
	Start **Clean Developer**. **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.	Verify that the correct print media is being used.
	If not, use the print media recommended for the printer.
	If excessive wrinkles occur, use paper or other media from a new package.
	See also: • "Usable Print Media" on page 82 • "About Print Media" on page 80
	If you use the envelope, check whether the crease is within 30 mm of the four edges of the envelope.
	If the crease is within 30 mm of the four edges of the envelope, this is considered normal. Your printer is not at fault.
	If not, take the following actions: • If the envelope is Com 10, 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 MPF 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 MPF with the flap open and facing up. If the problem continues, use a different size envelope.

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
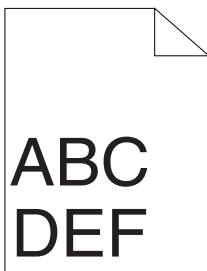
Problem	Action
The top margin is incorrect.	Make sure that the margins are set correctly on the application being used.

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.	Execute an auto color registration adjustment. **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**.
	Clean the CTD sensor. **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**. **See also:** • "Cleaning the Color Toner Density (CTD) Sensor" on page 246
	Print the color registration chart and manually correct the color registration. **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. **See also:** • "Adjusting Color Registration" on page 221

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

ABC
DEF.
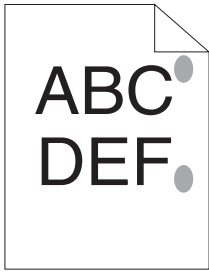
Problem	Action
Printed surface got protrudent/bumpy.	Clean up the fusing unit. **1** Load one sheet of paper on the MPF, and then print a solid image all over the paper. **2** Load the printed sheet with the printed side facing down, and then print a blank sheet of paper.

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.

Copy Quality Problems

Problem	Action
There are spots in copies taken from the document glass.	There is debris on the document glass. When scanning, the debris creates a spot on the image. Clean the document glass with a lint free cloth. **See also:** • "Cleaning the Scanner" on page 242
The reverse side of the original is showing on the copy.	On the Copy menu, enable `Auto Exposure`. For information on turning `Auto Exposure` on and off, see "Auto Exposure" on page 127.
Light colors are washed out or white on the copy.	On the Copy menu, disable `Auto Exposure`. For information on turning `Auto Exposure` on and off, see "Auto Exposure" on page 127.
Image is too light or dark.	Use the `Lighten/Darken` option on the Copy menu. For information on making the image lighter or darker, see "Lighten/Darken" on page 126.

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 **System** button.

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

3   Select `Maintenance`, and then press the (OK) button.

4   Select `Adjust ColorRegi`, and then press the (OK) button.

5   Select `Auto Adjust`, and then press the (OK) button.

6   Select `Yes`, and then press the (OK) 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 Operator Panel

1 Press the **System** button.

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

3 Select `Maintenance`, and then press the (OK) button.

4 Select `Adjust ColorRegi`, and then press the (OK) button.

5 Select `Color Regi Chart`, and then press the (OK) button.

6 Select `Yes`, and then press the (OK) button.

The color registration chart 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 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 224.
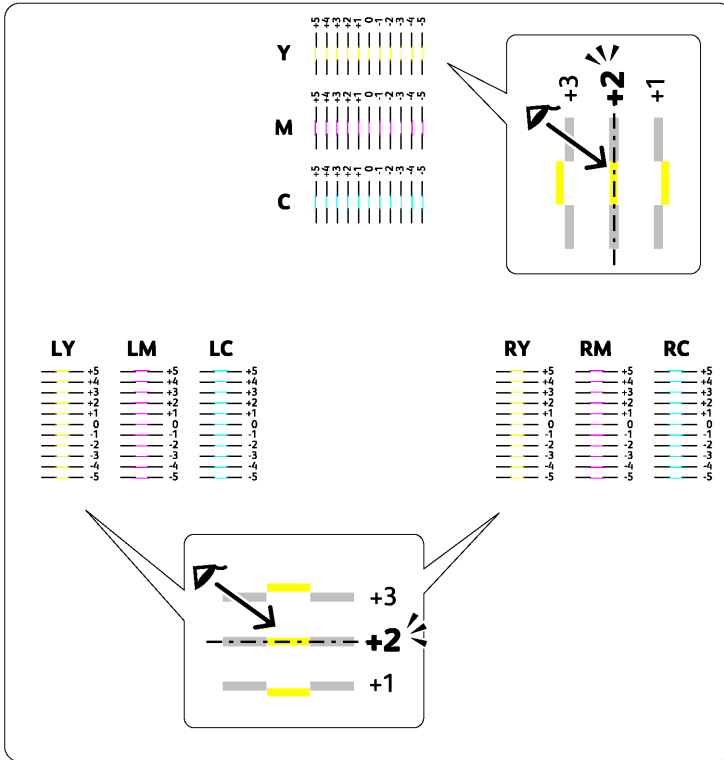
■ Entering Values

Using the Operator Panel

Enter the values that you found in the color registration chart to make adjustments.

1   Press the **System** button.

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

3   Select `Maintenance`, and then press the (OK) button.

4   Select `Adjust ColorRegi`, and then press the (OK) button.

5   Select `Enter Number`, and then press the (OK) button.

6   Confirm that `LY`, `LM`, and `LC` appear.

7   Press the ▲ or ▼ button until you reach the value (for example, `+3`) displayed on the chart.

8   Press the ▶ button once and move the cursor to the next color.

9   Repeat steps **7** and **8** to enter all digits, and then press the (OK) button.

10   Confirm that `RY`, `RM`, and `RC` appear.

11   Press the ▲ or ▼ button until you reach the value (for example, `+3`) displayed on the chart.

12   Press the ▶ button once and move the cursor to the next color.

13   Repeat steps **11** and **12** to enter all digits, and then press the (OK) button.

14   Confirm that `Y`, `M`, and `C` appear.

15   Press the ▲ or ▼ button until you reach the value (for example, `+3`) displayed on the chart.

16   Press the ▶ button once and move the cursor to the next color.

17   Repeat steps **15** and **16** to enter all digits, and then press the (OK) button.

18   Select `Color Regi Chart`, and then press the (OK) button.

19   Select `Yes`, and then press the (OK) button.
     The color registration chart is printed with the new values.

20   Adjust until all straight lines are at the value of 0.
     Viewing the images before and after will help.

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 Select the value you checked in the color registration chart, and then click **Apply New Settings**.

5 Deselect the check box next to **On**.

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.

Scanning Problems

Problem	Action
The scanner does not work.	Make sure that you place the document to be scanned facing down on the document glass.
	There may not be enough available memory to hold the document you want to scan. Try the Preview function to see if that works. Try lowering the scan resolution rate.
	If you are using wireless connection, make sure that the wireless connection is established.
	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.
	Make sure that the USB cable is not defective. Switch the cable with a known good cable. If necessary, replace the cable.
	Check that the scanner is configured correctly. Check the application you want to use to make certain that the scanner job is being sent to the correct port.
The printer scans very slowly.	Graphics are scanned more slowly than text when using the Scan to E-Mail or Scan to Network feature.
	Communication speed becomes slow in scan mode because of the large amount of memory required to analyze and reproduce the scanned image.
	Scanning images at a high resolution takes more time than scanning at a low resolution.
A smear appears at the same location on the output when scanned using the document glass.	Clean the document glass. **See also:** • "Cleaning the Scanner" on page 242
Images are skewed.	Make sure that the document is placed straight on the document glass.
The printer does not properly transfer scan data to a specified destination via the Scan to E-Mail or Scan to Network feature.	Check if the following settings have been set correctly on the CentreWare Internet Services. **Scan to E-Mail** Check the following setting under **Address Book → Personal Address**: • **Name** • **E-mail Address** **Scan to Network** Check the following settings under **Address Book → Computer/Server Address Book**: • **Name (Displayed on Printer)** • **Network Type** • **Host Address (IP Address or DNS Name)** • **Port Number** • **Login Name (if required by host)** • **Login Password** • **Name of Shared Directory** • **Subdirectory Path (optional)**
Cannot scan using Windows Image Acquisition (WIA) on a Windows Server® 2003 computer.	Enable Windows Image Acquisition (WIA) on the computer. To enable Windows Image Acquisition (WIA): **1** Click **Start**, point to **Administrative Tools**, and then click **Services**. **2** Right-click **Windows Image Acquisition (WIA)**, and then click **Properties** to make sure that **Startup type** is set to **Manual** or **Automatic**. **3** Click **OK**. **4** Right-click **Windows Image Acquisition (WIA)**, and then click **Start**.

Problem	Action
Cannot scan using TWAIN or Windows Image Acquisition (WIA) on a Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, or Windows Server 2012 R2 computer.	Install the Desktop Experience feature on the computer. To install Desktop Experience: For Windows Server 2008 and Windows Server 2008 R2: 1 Click **Start**, point to **Administrative Tools**, and then click **Server Manager**. 2 Click **Add Features** under **Features Summary**. 3 Select the **Desktop Experience** check box. 4 If a window appears, follow the on-screen instructions. 5 Click **Next**, and then click **Install**. 6 Restart the computer. 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 On the **Before you begin** screen, click **Next**. 4 On the **Select installation type** screen, confirm that **Role-based or feature-based installation** is selected, and then click **Next**. 5 On the **Select destination server** screen, select an appropriate server and then click **Next**. 6 On the **Select server roles** screen, click **Next**. 7 On the **Select features** screen, select the **Desktop Experience** check box under **User Interfaces and Infrastructure (Installed)** in the **Features** list. 8 On the pop-up window, click **Add Features**. 9 On the **Select features** screen, click **Next**. 10 On the **Confirm installation selections** screen, click **Install**. 11 Restart the computer.

Scan Driver/Printer Utility Problems

Problem	Action
Unable to retrieve the Address Book data from the printer on the Address Book Editor.	If you are using wireless connection, make sure that the wireless connection is established.
	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.
	Make sure that the printer is turned on.
	Make sure that the print driver is installed on your computer. (The Address Book Editor retrieves the Address Book data via the print driver.)
The TWAIN driver cannot connect to the printer.	If you are using wireless connection, make sure that the wireless connection is established.
	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.
	Check if the printer is turned on. If the printer is turned on, reboot it by turning the power switch off and then on again.
	If a scan application is running, close the application once, restart the application, and then try scanning again.
The scan driver has not been registered on your computer and cannot be accessed from the Express Scan Manager.	Install the scan driver. If the driver is already installed, uninstall it and then reinstall it.
Failed to scan your document on the printer via the Express Scan Manager.	Make sure that your computer and the printer is properly connected with the USB cable.
	Check if the printer is turned on. If the printer is turned on, reboot it by turning the power switch off and then on again.
	If a scan application is running, close the application once, restart the application, and then try scanning again.
Failed to create an image file via the Express Scan Manager.	Uninstall the Express Scan Manager on your computer and then reinstall it.
Failed to initialize the Express Scan Manager.	Uninstall the Express Scan Manager on your computer and then reinstall it.
Failed to execute the Express Scan Manager.	Uninstall the Express Scan Manager on your computer and then reinstall it.
An unexpected error occurred on the Express Scan Manager.	Uninstall the Express Scan Manager on your computer and then reinstall it.

Wireless Problems

Problem	Action
Cannot setup wireless connection.	Make sure that `Wi-Fi` is set to `On`. **See also:** • "Wi-Fi" on page 169
	Try disabling the firewall on your computer. The firewall on your computer may be blocking communication with your printer.
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 113.
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 113.
The network mode of the printer cannot be set to **Ad-Hoc** mode on the CentreWare Internet Services.	Make sure that `Wi-Fi Direct` is set to `Disable`.
`Wi-Fi Direct` cannot be set to `Enable`.	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 195.
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 message 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	- "Replacing Toner Cartridges" on page 247
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	- "Online Services" on page 263
016-502	
016-503	Press the (OK) button to clear the message. Check if the SMTP server setting is correct by contacting your server administrator.
016-504	Press the (OK) button to clear the message. Check if the user name and password for the POP3 server are set correctly by contacting your server administrator.
016-506	Press the (OK) button to clear the message. Check if the SMTP server address and e-mail destination are set correctly.
016-507	Press the (OK) button to clear the message. Check if the user name and password used for the SMTP server are set correctly by contacting your server administrator.
016-718	Press the (OK) button to clear the message. Retry when the printer does not process any job.
016-719	Press the (OK) button to cancel the current job. Retry when the printer does not process any job.
016-720	
016-744	Press the (OK) button to clear the message. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer.
016-745	**See also:**
	- "Online Services" on page 263
016-749	Press the (OK) button to cancel the current job. Retry when the printer does not process any job.
016-764	Press the (OK) button to clear the message. Check if the network is properly connected. If this does not solve the problem, contact SMTP server administrator.
016-766	Press the (OK) button to clear the message. Ping the IP address of the SMTP server and check if the server is available. If this does not solve the problem, contact SMTP server administrator.
016-767	Press the (OK) button to clear the message. Check if the recipient address is correct, and try scanning again.
016-791	Insert the USB storage device and press the (OK) button to clear the message.
016-795	Press the (OK) button to clear the message. Check if the file format is correct.
016-797	Press the (OK) button to clear the message. Check if the USB storage device is securely connected.
016-920	Press the (OK) button to clear the message. Check the wireless setting for the access point and the printer, and try wireless settings again.
016-921	
016-930	Remove the device from the USB drive and press the (OK) button to clear the message.
016-931	
016-981	Press the (OK) button to cancel the current job. Try copying fewer documents.

Error Code	What You Can Do
016-985	Attached file size is larger than you defined. Press the (OK) button to clear the message. Try the following: • Enlarge `Max E-Mail Size`. • Lower the resolution setting. • Change the file format of the scanned image.
017-970	Memory is likely to be full. Press the (OK) button to clear the message. Try the following: • Delete the data stored in the memory. • Lower the resolution setting. • Reduce the number of pages.
017-988	Press the (OK) button to clear the message. Check if the interface cable is securely connected or your computer does not have any problem.
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:** • "Online Services" on page 263
024-340 024-360 024-371	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:** • "Online Services" on page 263
024-958	Load the specified paper and press the (OK) button to clear the message. **See also:** • "Loading Print Media in the Multipurpose Feeder (MPF)" on page 85 • "Loading Print Media in the Priority Sheet Inserter (PSI)" on page 91
024-963	Press the (OK) button to clear the message and load the specified paper. Follow the on-screen instruction if one appears. **See also:** • "Loading Print Media in the Multipurpose Feeder (MPF)" on page 85 • "Loading Print Media in the Priority Sheet Inserter (PSI)" on page 91
026-720	Press the (OK) button to clear the message. Check if the USB storage device has enough memory.
026-721 026-722	Press the (OK) button to clear the message. Check if the USB storage device is write-protected or gets any disk problem.
026-723	Press the (OK) button to clear the message. Check if the path and file name to save the data is too long.
026-750	Press the (OK) button to clear the message. Check if the interface cable is securely connected, or restart the application you use.
026-751 026-752	Press the (OK) button to clear the message. Check if the interface cable is securely connected.
031-521	Press the (OK) button to clear the message. Check if the access setting to the SMB server is correct by contacting your server administrator.
031-526	Press the (OK) button to clear the message. Check if the domain name of the SMB server is correct. Check DNS connection, or check if the name of the forwarding destination server is registered with DNS.
031-529	Press the (OK) button to clear the message. Check if the network is properly connected and if the password for the SMB server is correct.
031-530	Press the (OK) button to clear the message. Check if the working path setting to the SMB server is correct.
031-533	Press the (OK) button to clear the message. Check the following: • If the file name you specified is not used by other users. • If file or folder that has the same name as the one you specified already exists. • If the SMB server encounters any write-protection or disk problem.

Error Code	What You Can Do
031-534	Press the (OK) button to clear the message. Check if the SMB server encounters any write-protection or disk problem.
031-535	
031-536	
031-537	Press the (OK) button to clear the message. Check if the storage location has free space.
031-555	Press the (OK) button to clear the message. Check if the network is properly connected.
031-556	Press the (OK) button to clear the message. Check if the SMB server encounters any write-protection or disk problem.
031-557	Press the (OK) button to clear the message. Check the following: • If the file name you specified is not used by other users. • If file or folder that has the same name as the one you specified already exists.
031-558	Press the (OK) button to clear the message. Check if the access setting to the SMB server is correct by contacting your server administrator.
031-571	Press the (OK) button to clear the message. Check if the printer is properly connected to a network.
031-574	Press the (OK) button to clear the message. Check if the domain name of the FTP server is correct.
031-575	Press the (OK) button to clear the message. Check if the host name setting to the FTP server is correct.
031-576	Press the (OK) button to clear the message. Check if the FTP server encounters any write-protection or disk problem.
031-578	Press the (OK) button to clear the message. Check if the network is properly connected and if login name (user name) and password for the FTP server are correct.
031-579	Press the (OK) button to clear the message. Check if the working path setting to the FTP server is correct.
031-582	Press the (OK) button to clear the message. Check if the FTP server encounters any write-protection or disk problem.
031-584	Press the (OK) button to clear the message. Check the following: • If the file name you specified is not used by other users. • If file or folder that has the same name as the one you specified already exists. • If the FTP server encounters any write-protection or disk problem.
031-585	Press the (OK) button to clear the message. Check if the FTP server encounters any delete/write-protection or disk problem.
031-587	
031-588	Press the (OK) button to clear the message. Check if the FTP server encounters any write-protection or disk problem.
031-589	Press the (OK) button to clear the message. Check if the storage location has free space.
031-594	Press the (OK) button to clear the message. Contact your server administrator to check if the scanned file has wrong setting while being stored to FTP server. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer. **See also:** • "Online Services" on page 263
031-598	Press the (OK) button to clear the message. Check if the FTP server encounters any write-protection or disk problem.
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. **See also:** • "Online Services" on page 263
042-358	
042-372	
061-370	
062-321	
062-360	
062-790	Press the (OK) button to clear the message. The scanned data is deleted. Retry scanning the document.
075-100	Check and clear the paper path, load the paper, and then press the (OK) button to clear the message. **See also:** • "Clearing Paper Jams From the Front of the Printer" on page 202

Error Code	What You Can Do
075-921	Load paper for the second side (odd) pages, and press the (OK) button. **See also:** • "Manual Duplex Printing" on page 95
077-100 077-104 077-106 077-108 077-109	Open the rear cover and remove the jammed paper. **See also:** • "Clearing Paper Jams From the Rear of the Printer" on page 203
077-304	Close the rear cover.
077-900	Open the rear cover and remove the jammed paper. **See also:** • "Clearing Paper Jams From the Center Output Tray" on page 205
077-901	Open the rear cover and remove the jammed paper. **See also:** • "Clearing Paper Jams From the Rear of the Printer" on page 203
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:** • "Online Services" on page 263
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 `Machine Life` setting to `Continue Print`. However, continuous use of the printer will degrade the print quality. **See also:** • "Machine Life" on page 176
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:** • "Machine Life" on page 176
092-310	Clean the CTD sensor. **See also:** • "Cleaning the Color Toner Density (CTD) Sensor" on page 246
092-651 092-661	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:** • "Online Services" on page 263
093-423 093-424 093-425 093-426	Replace the specified toner cartridge soon. **See also:** • "Replacing Toner Cartridges" on page 247
093-919 093-920 093-921 093-922	Re-install or replace the specified toner cartridge. **See also:** • "Replacing Toner Cartridges" on page 247
093-930 093-931 093-932 093-933	Remove the specified toner cartridge and install a new one. If you do not replace the toner cartridge, print quality problems may occur. **See also:** • "Replacing Toner Cartridges" on page 247

Error Code	What You Can Do
093-926 093-960 093-961 093-962	Replace the specified toner cartridge with the supported one. **See also:** • "Replacing Toner Cartridges" on page 247
093-970 093-971 093-972 093-973	Re-install the specified toner cartridge. **See also:** • "Installing a Toner Cartridge" on page 250
116-210 116-314 116-323 116-325 116-326 116-355 116-395	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:** • "Online Services" on page 263
117-331 117-332 117-333 117-334	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:** • "Online Services" on page 263
117-350	Open the rear cover and close to continue. If this does not solve the problem, contact the Fuji Xerox local representative office or an authorized dealer. **See also:** • "Online Services" on page 263
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:** • "Online Services" on page 263
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:** • "Machine Life" on page 176
191-311	The life of your printer has been over and you can no longer use the printer.
193-700	This message indicates the printer is in the Non-Genuine mode.

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 233

■ 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, `XXXX Cartridge is Close to Life` or `Replace XXXX Cartridge` (`XXXX: Yellow`, `Magenta`, `Cyan`, or `Black`) appears.

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 `Non-Genuine Mode` on the operator panel or deselect the check box next to **On** on the **Non-Genuine Mode** page on the **Printer Maintenance** tab in the Printer Setting Utility.

■ Using the Operator Panel

NOTE:
- Before starting the operation described below, confirm that the `Ready` screen is displayed on the LCD panel.

1 Press the **System** button.

2 Select `Admin Menu` and then press the (OK) button.

3 Select `Maintenance` and then press the (OK) button.

4 Select `Non-Genuine Mode` and then press the (OK) button.

5 Select `On` and then press the (OK) button.

6 Press the ◀ button until the top page is displayed.

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

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 the Scanner

Keep the scanner clean to ensure the best possible copies. Clean the scanner at the start of each day and during the day, as needed.

1 Slightly dampen a soft lint-free cloth or paper towel with water.

2 Open the document cover.
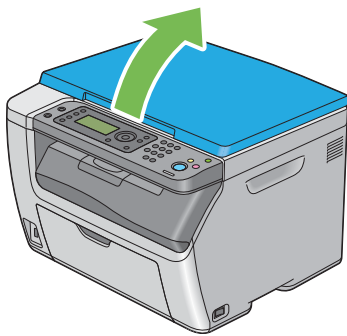
3 Wipe the surface of the document glass until it is clean and dry.
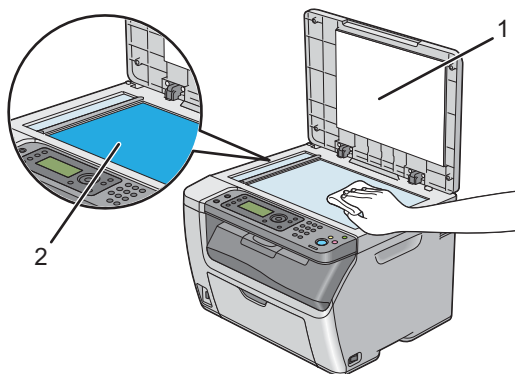
1	White Document Cover
2	Document Glass

4 Wipe the underside of the white document cover until it is clean and dry.
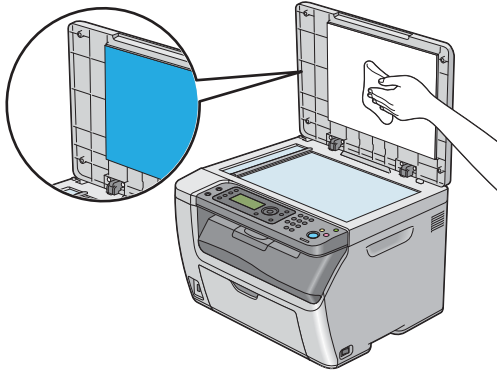
5 Close the document cover.
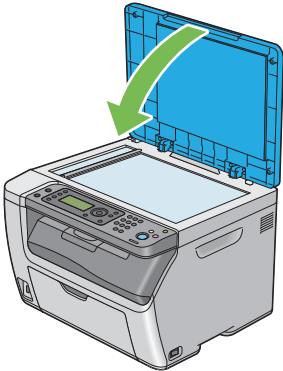
■ Cleaning Inside the Printer

1 Turn off the printer and disconnect the power cord.

2 Open the toner access cover.
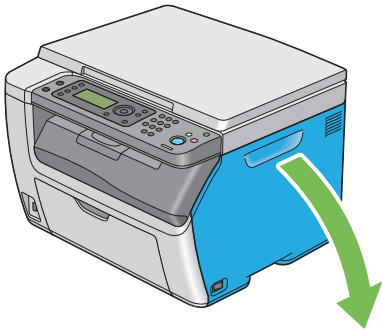
3 Pinch the toner cartridge firmly.
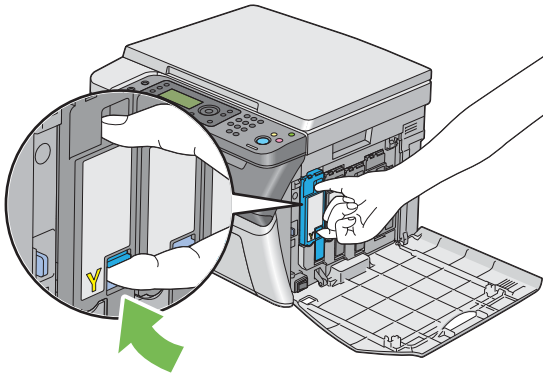
4 Pull the toner cartridge out.

IMPORTANT:

- Always pull the toner cartridge out slowly so you do not spill any toner.
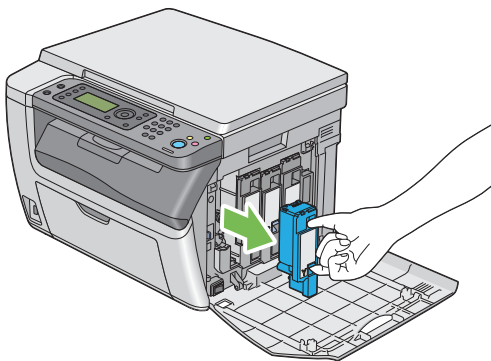
5 Pull the other three toner cartridges out as well.

6 Pull the print head cleaning rod out.
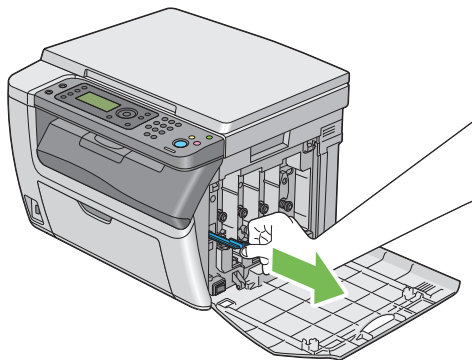
7 Insert the print head cleaning rod fully into the hole beside the arrow on the printer until its tip reaches the interior of the printer as illustrated below, and then pull it out.
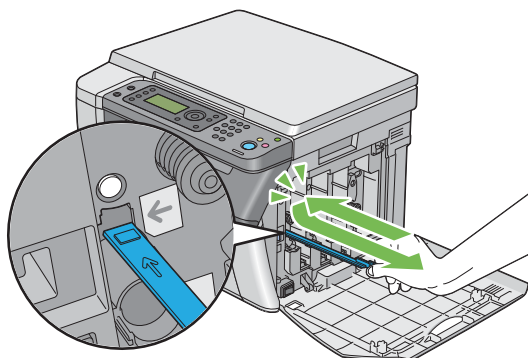
8 Repeat the same procedure for the other three holes.

9 Insert the print head cleaning rod back to its original location.
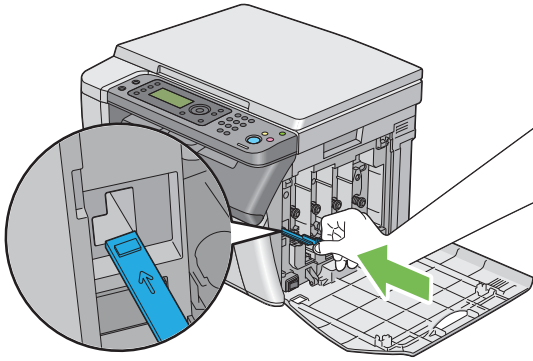
10 Replace the black toner cartridge by adjusting it to the associated cartridge holder, and then insert it firmly by pressing near the center of the label until the toner cartridge clicks.
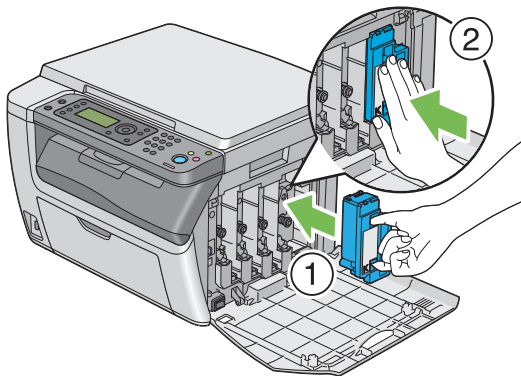
11 Replace the other three toner cartridges as well.

12 Close the toner access cover.
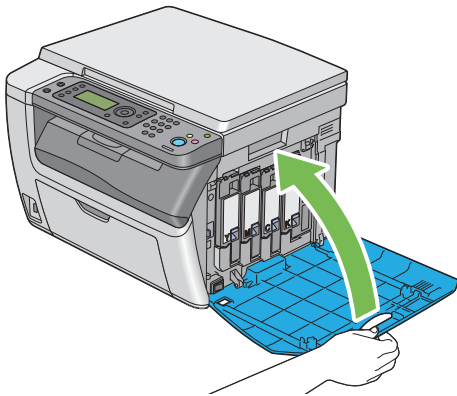
13 Connect the power cord and turn on the printer.

■ 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.
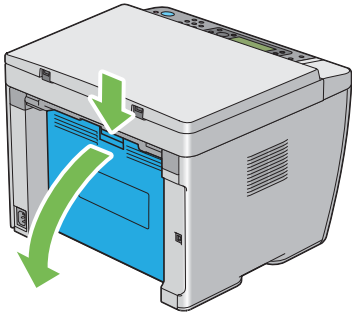
3 Clean the CTD sensor inside the printer with a clean dry cotton swab.
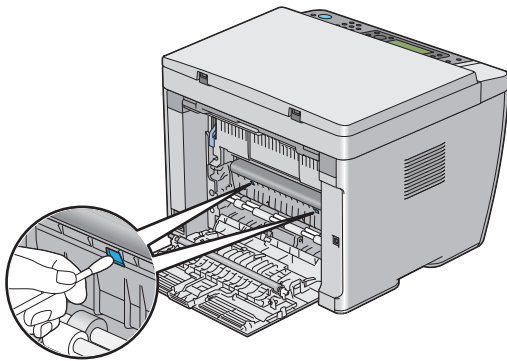
4 Close the rear cover.
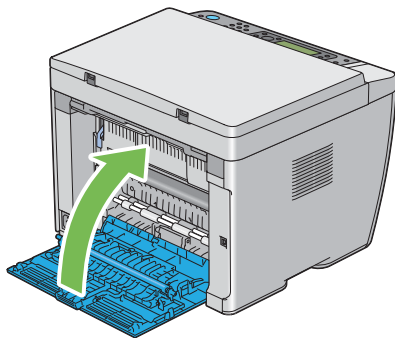
5 Connect the power cord and turn on the printer.

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 consumables 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.

Message (Example)	Action
`093-426 Printer Black Cartridge is Close to Life`*	The specified toner cartridge has become low. Prepare a new one. The error code differs depending on the color of the toner cartridge. • `093-426:` Black • `093-425:` Cyan • `093-424:` Magenta • `093-423:` Yellow
`093-933 Printer Replace Black Cartridge`	The specified toner cartridge has become empty. Replace the old toner cartridge with a new one. The error code differs depending on the color of the toner cartridge. • `093-933:` Black • `093-932:` Cyan • `093-931:` Magenta • `093-930:` Yellow

* 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.
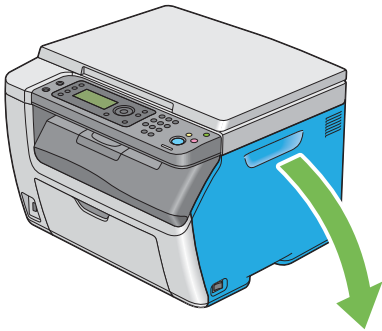
3 Spread a few sheets of paper on the floor or table where the removed toner cartridge is to be placed.

4 Pinch the toner cartridge firmly.
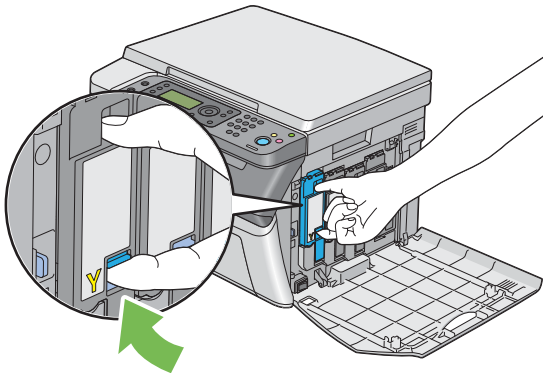
5 Pull the toner cartridge out.

IMPORTANT:

- Always pull the toner cartridge out slowly so you do not spill any toner.
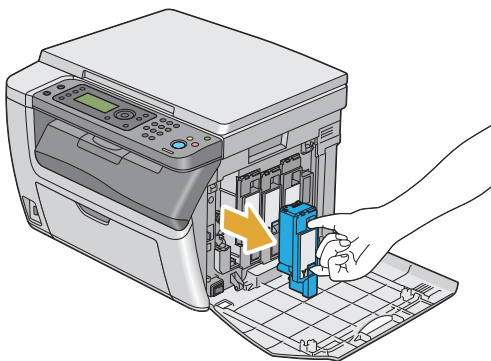
6 Place the toner cartridge slowly on the sheets of paper spread in step **3**.

■ 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.
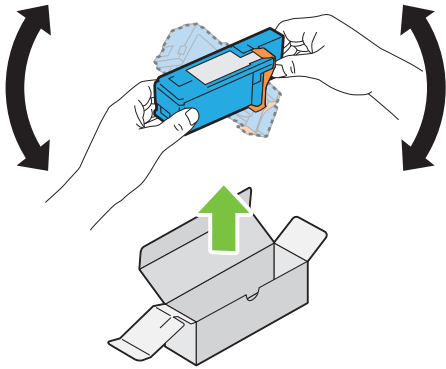
NOTE:
- Confirm that the color of the new toner cartridge matches that on the handle before replacing it.
- Handle the toner cartridge carefully to avoid spilling of the toner.

2 Remove the tape from the toner cartridge.
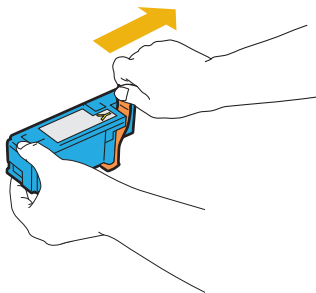
3 Adjust the toner cartridge to the associated cartridge holder, and then insert it firmly by pressing near the center of the label until the toner cartridge clicks.
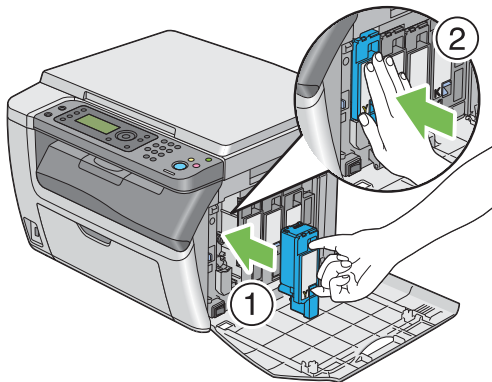
4 Close the toner access cover.
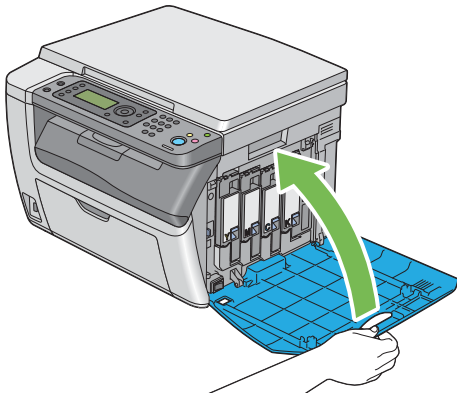
5 Turn on the printer.

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 500 pages for black, 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 254.

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, and then press the **Enter** key.

The CentreWare Internet Services page appears.

• Using Online Help

For details regarding the items that can be set in each CentreWare Internet Services page, 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 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 of the SimpleMonitor.

See also:
- "SimpleMonitor (Windows Only)" on page 32

■ 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 • 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	Select appropriate settings for sending and receiving e-mail.

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 Mac OS X print driver: **Toner Saving Mode** in the **Image Options** pane	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 the **Layout** tab
	
	Mac OS X print driver:
	
	Pages per Sheet in the **Layout** pane
		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:
		• 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)
		• Mac OS X print driver: 2, 4, 6, 9, or 16 pages
		  Combined with the duplex setting, **Pages per Sheet** 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 print (including multiple up) is counted as one page, 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 164

1 Press the **System** button.

2 Select `Meter Readings`, and then press the (OK) button.

3 Check the values for each meter.

Moving the Printer

1   Turn off the printer.
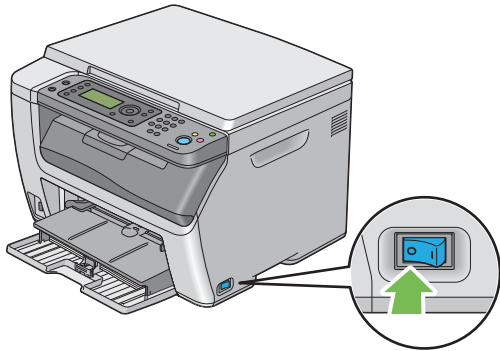
2   Disconnect the power cord and USB cable.
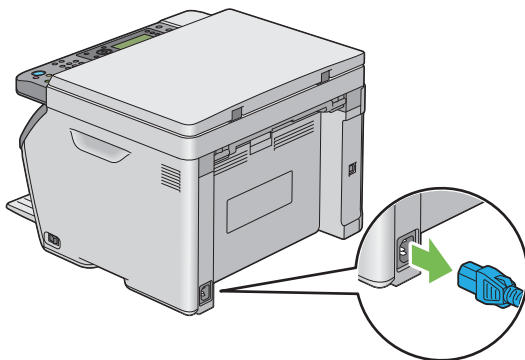
3   Remove any paper in the center output tray if there is.
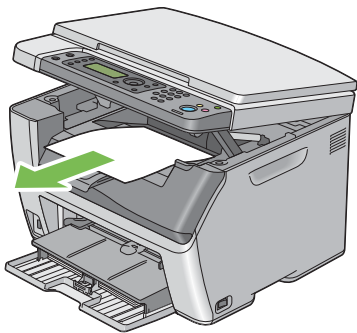
4   Close the output tray extension if it is extended.

5   Remove any paper in the priority sheet inserter (PSI) or multipurpose feeder (MPF). Keep the paper wrapped and away from humidity and dirt.
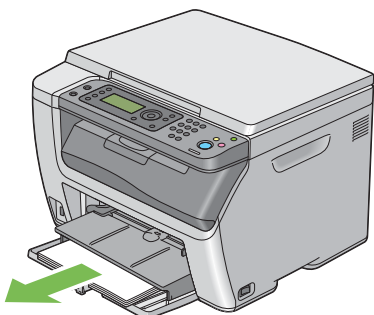
6 Push the PSI in.
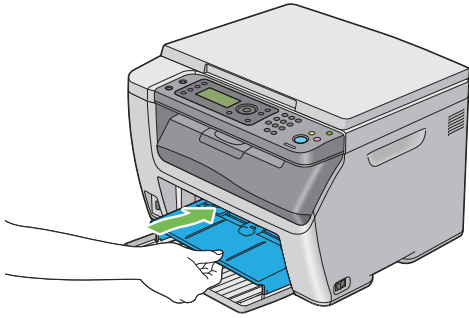
7 Slide the slide bar backward until it stops.
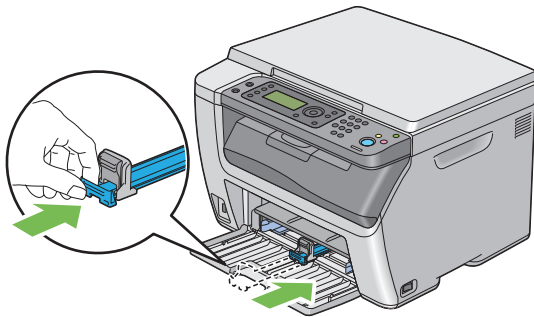
8 Close the front cover.
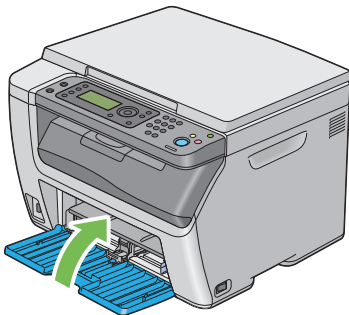
9 Lift the printer and move it gently.

10 Adjust the color registration before using your printer.

See also:

Contacting Fuji Xerox

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 CM115 w

User Guide

Fuji Xerox Co., Ltd.

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