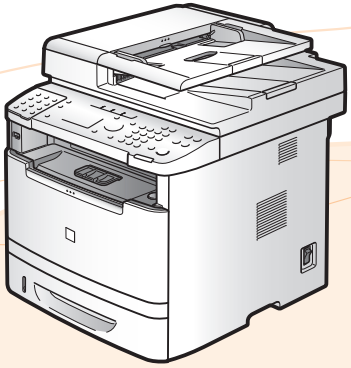
English

Canon

MF Driver Installation Guide



User Software CD-ROM **1**
About the Drivers and Software 1
Supported Operating Systems 1
Selecting the Driver to Be Installed **2**
Installing the Driver/Software **4**
Installing the MF Drivers and MF Toolbox **5**
Installing with [Easy Installation] 5
Installing with [Custom Installation] 12
USB cable connection (Only when connecting with USB) 22
Checking the installation results 23
Installing the MF Drivers Via the WSD Network **24**
Installing the MF Drivers 24
Setting WSD 30
How to Use the Online Help **32**
Appendix **33**
Confirming IP Address Settings 33
Confirming IPv4 address settings 33
Confirming IPv6 address settings 34
How to Check the Windows Vista/7/Server 2008 Processor Version 36
Uninstalling the Software 37
To uninstall the printer/fax/scanner driver 37
To uninstall the MF Toolbox 38

Illustrations and displays used in this manual are which of MF5980dw unless specified.

User Software CD-ROM

About the Drivers and Software

MF Drivers	
Printer driver	You can print from an application using the machine by installing the printer driver on your computer. You can process print data at high speed by compressing the print data using the computer's processing capability.
Fax driver (fax model only)	If you install the fax driver on your computer, you can select "Print" from an application, select the Canon fax driver as a printer, and specify the output destination and options. The fax driver converts the data into an image that conforms to standard fax protocols so that the data can be printed or saved using the recipient's fax machine.
Scanner driver	You can use the machine as a scanner if you install the scanner driver on your computer.
Network Scan Utility	This software is required for using the scan functions via a network. This software is installed with the scanner driver.
MF Toolbox	MF Toolbox is a program which allows you to easily open an image scanned by the scanner in an application, attaching the scanned image to an e-mail, and storing the scanned image in a hard disk.
Additional Software Programs	
Presto! PageManager	This is the software for managing the scanned images.

Supported Operating Systems

○: available —: not available

	Windows 2000/XP	Windows Vista/7	Windows Server 2003/ Server 2008
Printer driver	○	○	○*
Fax driver	○	○	○*
Scanner driver	○	○	—
Network Scan Utility	○*	○*	—
MF Toolbox	○	○	—
Presto! PageManager	○	○	—

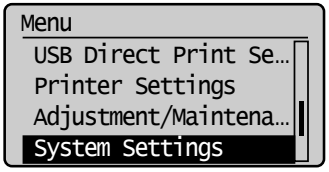
* Available only with a network connection.

Selecting the Driver to Be Installed

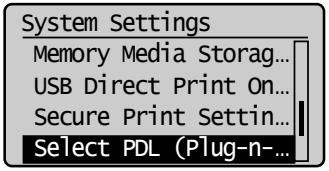
After selecting the connection method between the machine and a computer, select the driver to be installed.

1 **Press [ ] (Menu).**

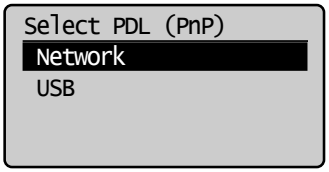
2 **Press [▲] or [▼] to select <System Settings>, and then press [OK].**



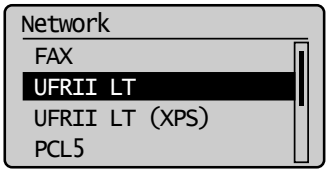
3 **Press [▲] or [▼] to select <Select PDL (Plug-n-Play)>, and then press [OK].**

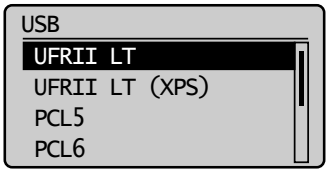


4 **Press [▲] or [▼] to select <Network> or <USB>, and then press [OK].**



5 **Press [▲] or [▼] to select the printer driver you are using, and then press [OK].**





Selectable page description language

Network	FAX UFRII LT UFRII LT (XPS) PCL5 PCL6 PS
USB	UFRII LT UFRII LT (XPS) PCL5 PCL6 PS

6 **Press [ ] (Menu) to close the menu screen.**

7 **Restart the machine.**

Turn OFF the machine and wait for at least 10 seconds before turning it ON again.

Installing the Driver/Software

The method of installation is differ depending on the connection method or environment.

Connection method	Installation method	
USB connection	See "Installing the MF Drivers and MF Toolbox," on p. 5.	
Network connection	IPv4 environment	See "Installing the MF Drivers and MF Toolbox," on p. 5.
	IPv6 environment*	See "Installing the MF Drivers Via the WSD Network," on p. 24.

* You may not use the scan function in the IPv6 environment.

Installing the MF Drivers and MF Toolbox

※ If you are operating in the IPv6 environment, you may not install the drivers or software following the procedures below.
Refer to "Installing the MF Drivers Via the WSD Network" (See p. 24) to install MF Drivers.

※ You may not use the scan function in the IPv6 environment.

Install the software to use the machine.

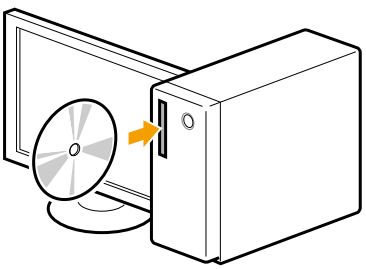
IMPORTANT

- **If you are using a 64-bit operating system**
  The MF driver and MF Toolbox for 64-bit operating systems may not be supplied depending on your country or region.
- **User rights for logging on to Windows**
  Log on as a user with administrative rights.
- **When installing via USB connection**
  Connect the USB cable after the software installation.
  Make sure that the power of the machine is turned ON when connecting the USB cable.
- **When installing via network connection**
  Before starting the installation, check the following.
  - The computer and machine are connected via the network.
  - The power of the machine is turned ON.
  - The IP addresses are properly set up.
- **Installing the e-Manual**
  The e-Manual is not installed by selecting [Easy Installation].
  To install the e-Manual, select [Custom Installation] on p. 12.

  * If the User Manual CD-ROM is supplied with the machine, install the e-Manual from the User Manual CD-ROM.

Installing with [Easy Installation]

1 Insert the User Software CD-ROM.

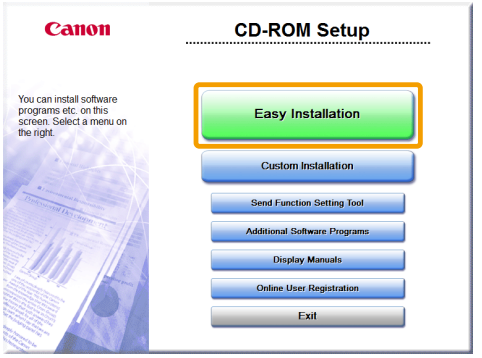


2 Click [Easy Installation].

To install the following software and manuals that cannot be installed with [Easy Installation], select [Custom Installation] (See p. 12).

- Presto! PageManager
- e-Manual

* If the User Manual CD-ROM is supplied with the machine, install the e-Manual from the User Manual CD-ROM.



* The options to be displayed differ depending on your country or region.

If the above dialog box does not appear

Windows 2000, XP, and Server 2003

1. From the [Start] menu, select [Run].
2. Enter "D:\MInst.exe", and then click [OK].

Windows Vista, 7, and Server 2008

1. Enter "D:\MInst.exe" in [Start Search] or [Search programs and files] under the [Start] menu.
2. Press the [ENTER] key on the keyboard.

* The CD-ROM drive name is indicated as "D:" in this manual. The CD-ROM drive name may differ depending on the computer you are using.

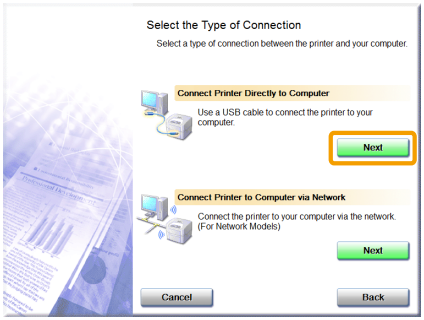
If a language selection screen is displayed before the CD-ROM setup screen

Select a language and then click [Next].

3 When the following screen appears, select the connection method to a computer.

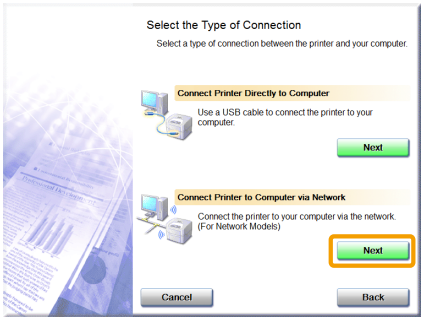
For USB Connection

Click [Next] in [Connect Printer Directly to Computer].



For Network Connection

Click [Next] in [Connect Printer to Computer via Network].

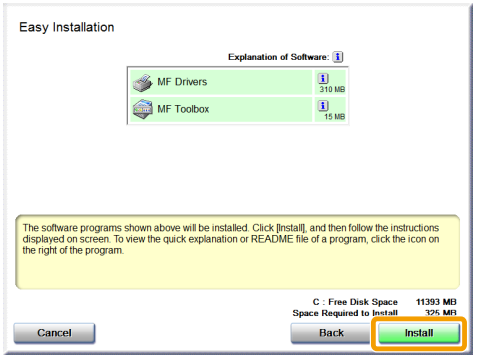


NOTE

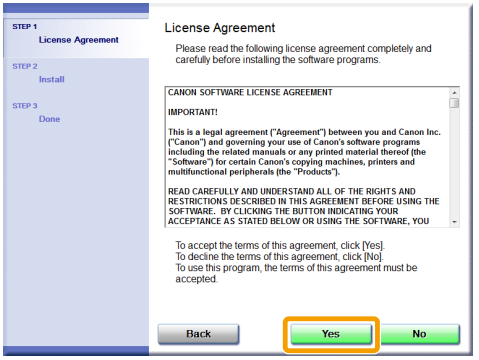
Windows Server 2003/Server 2008.

This screen is not displayed. Proceed to the following procedure.

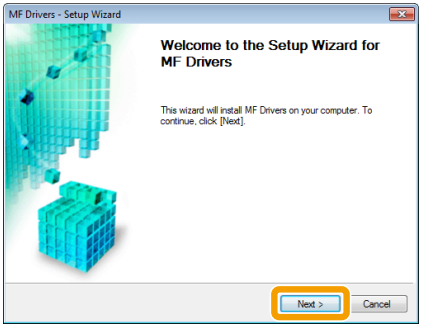
4 Click [Install].



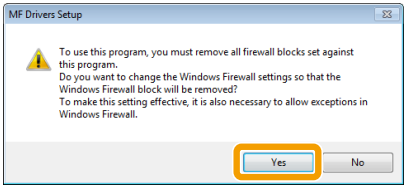
5 Read the contents of the License Agreement, and then click [Yes].



6 Click [Next].



The following screen appears. Click [Yes].



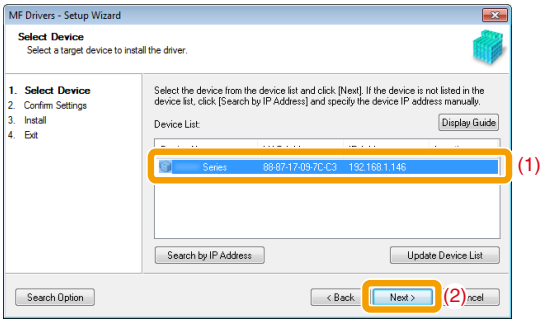
For USB Connection
Proceed to Step 9.

For Network Connection (Network Model Only)
Proceed to Step 7.

7 Select the device to be installed.

(1) Select the device.

(2) Click [Next].



If no devices are displayed in [Device List]

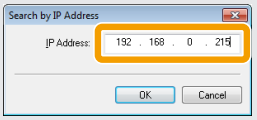
Perform the following procedure.

1. Check the following.
   - The computer and device are connected via the network.
   - The device for wireless LAN connection and the access point are connected.
   - The device is turned on.
   - The IP address is set correctly.
   - The computer and device are on the same subnet.
   - Security software has been exited.
2. Click [Update Device List].

If any devices are not displayed by performing the above procedure, perform the following procedure.

1. Click [Search by IP Address].
2. Enter the IP address of the device to be installed.
   See "Confirming IP Address Settings," on p. 33.

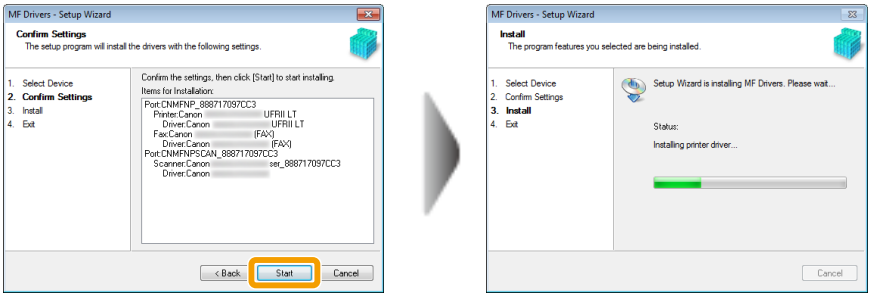
   ※ If the IP address of the device is between "169.254.1.0 and 169.254.254.255", the IP address is the one assigned by the AutoIP function.
   If an IP address other than link-local addresses is set for the computer, set an IP address in the same subnet as the computer (other than link-local addresses) also for this machine manually.
   This enables the installer to search for this machine.
   e-Manual -> "Setting the IPv4 Address"



3. Click [OK].

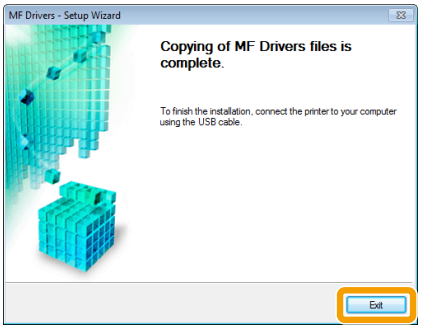
If any devices are not displayed by performing the above procedure, click [Display Guide] to solve the problem.

8 Installation starts when clicking [Start].

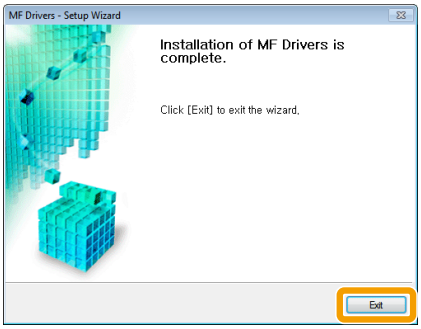


9 Click [Exit].

For USB Connection



For Network Connection

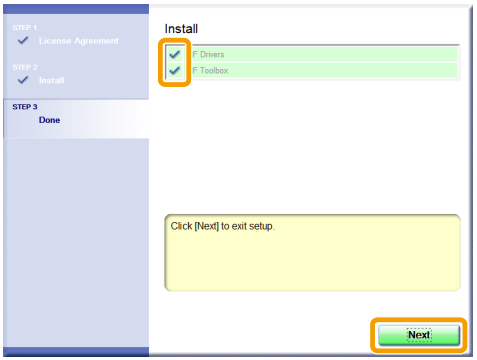


Next, installation of MF Toolbox starts.
※In Windows 2000 Server/Server 2003/2008, MF Toolbox is not installed. Proceed to Step 12.

10 Click [Start].

11 Click [Exit].

12 Check that [✓] is selected in [Install], and then click [Next].

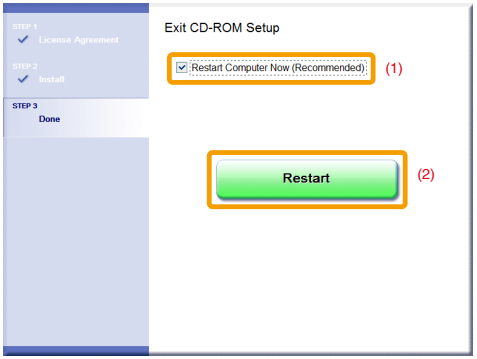


13 Restart your computer.

(1) Select the [Restart Computer Now (Recommended)] check box.

(2) Click [Restart].

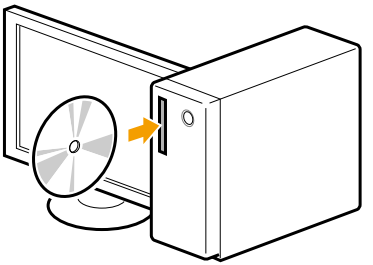
※The CD-ROM may be removed once this screen appears.



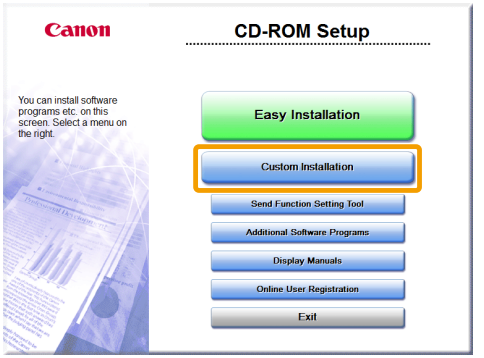
In the case of USB connection, connect the USB cable after restarting your computer.
See "USB cable connection (Only when connecting with USB)," on p. 22.
In the case of network connection, check the installation results.
See "Checking the installation results," on p. 23.

Installing with [Custom Installation]

1 Insert the User Software CD-ROM.



2 Click [Custom Installation].



※The options to be displayed differ depending on your country or region.

If the above dialog box does not appear

Windows 2000, XP, and Server 2003

1. From the [Start] menu, select [Run].
2. Enter "D:\MInst.exe", and then click [OK].

Windows Vista, 7, and Server 2008

1. Enter "D:\MInst.exe" in [Start Search] or [Search programs and files] under the [Start] menu.
2. Press the [ENTER] key on the keyboard.

* The CD-ROM drive name is indicated as "D:" in this manual. The CD-ROM drive name may differ depending on the computer you are using.

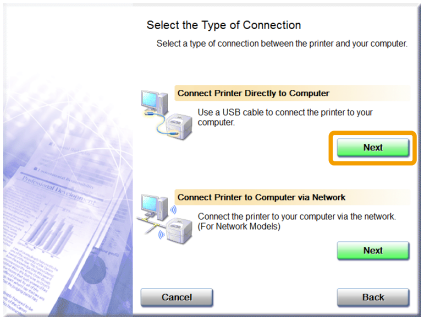
If a language selection screen is displayed before the CD-ROM setup screen

Select a language and then click [Next].

3 When the following screen appears, select the connection method to a computer.

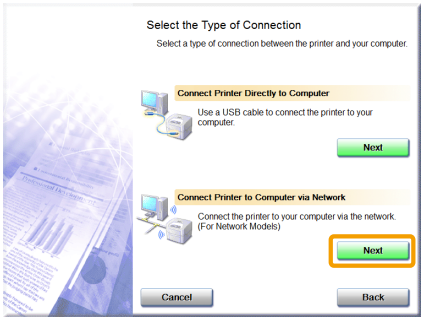
For USB Connection

Click [Next] in [Connect Printer Directly to Computer].



For Network Connection

Click [Next] in [Connect Printer to Computer via Network].

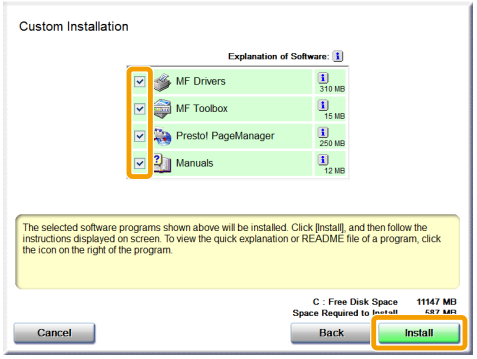


NOTE

Windows Server 2003/Server 2008.

This screen is not displayed. Proceed to the following procedure.

4 Select the check box for the software to be installed, and then click [Install].

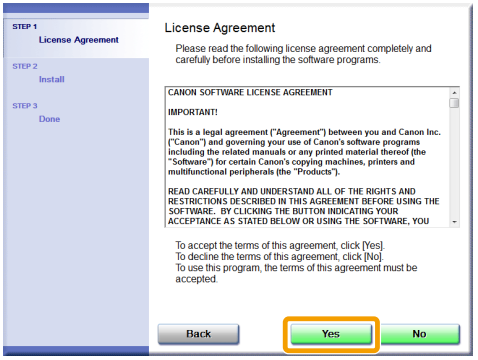


※The options to be displayed differ depending on your country or region.

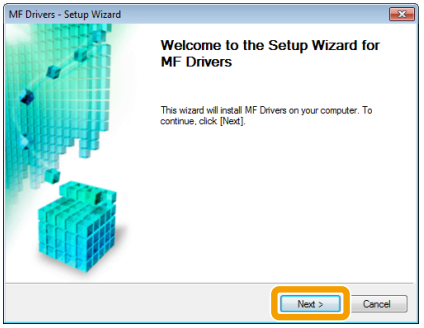
※To install the e-Manual, select the [Manuals] check box.

* If [Manuals] does not appear , install the e-Manual from the User Manual CD-ROM supplied with the machine.

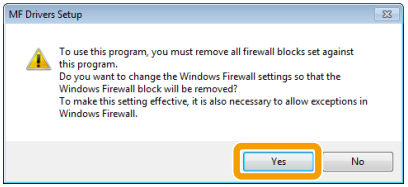
5 Read the contents of the License Agreement, and then click [Yes].



6 Click [Next].



The following screen appears. Click [Yes].



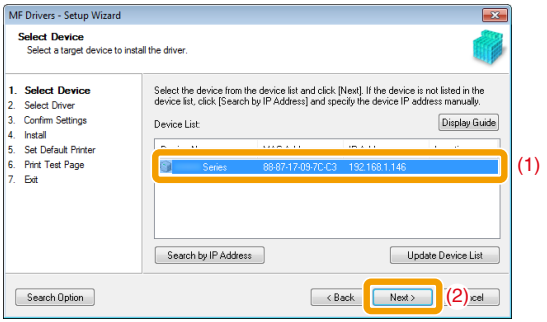
For USB Connection
Proceed to Step 13.

For Network Connection (Network Model Only)
Proceed to Step 7.

7 Select the device to be installed.

(1) Select the device.

(2) Click [Next].



If no devices are displayed in [Device List]

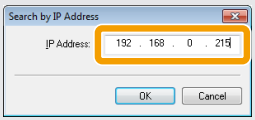
Perform the following procedure.

1. Check the following.
   - The computer and device are connected via the network.
   - The device for wireless LAN connection and the access point are connected.
   - The device is turned on.
   - The IP address is set correctly.
   - The computer and device are on the same subnet.
   - Security software has been exited.
2. Click [Update Device List].

If any devices are not displayed by performing the above procedure, perform the following procedure.

1. Click [Search by IP Address].
2. Enter the IP address of the device to be installed.
   See "Confirming IP Address Settings," on p. 33.

   ※ If the IP address of the device is between "169.254.1.0 and 169.254.254.255", the IP address is the one assigned by the AutoIP function.
   If an IP address other than link-local addresses is set for the computer, set an IP address in the same subnet as the computer (other than link-local addresses) also for this machine manually.
   This enables the installer to search for this machine.
   e-Manual -> "Setting the IPv4 Address"



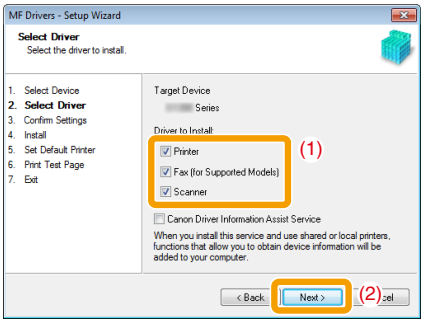
3. Click [OK].

If any devices are not displayed by performing the above procedure, click [Display Guide] to solve the problem.

8 Select the function you want to use.

(1) Select the function you want to use (driver to be installed).

(2) Click [Next].



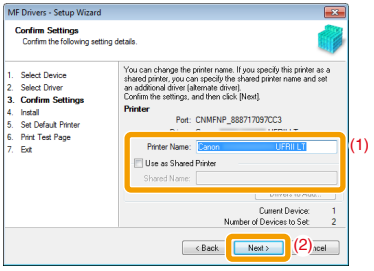
[Printer]	Select when using the print functions.
[Fax (for Supported Models)]	Select when using the PC fax function. (This function sends documents or images that were created on a computer directly as a fax transmission.)
[Scanner]	Select when using the scan functions.

9 Set the printer or fax information.

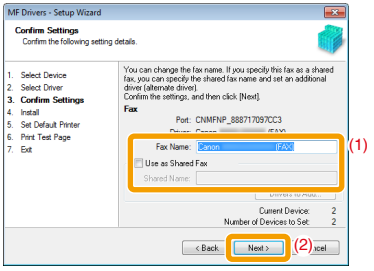
(1) Specify the settings for each option as needed.

(2) Click [Next].

Printer information*1



Fax information*2



*1 Appears if you selected [Printer] in Step 8.

*2 Appears if you selected [Fax (for Supported Models)] in Step 8.

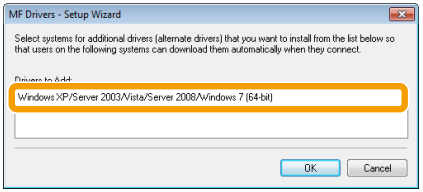
[Printer Name]	Enter a new name if you want to change the printer or fax name.
[Fax Name]	
[Use as Shared Printer]	Select the check box to share the printer or fax.
[Use as Shared Fax]	
[Shared Name]	Change the shared name as needed.

NOTE

If you selected the [Use as Shared Printer] or [Use as Shared Fax] check box

You can use the following procedure to install the additional driver depending on your country or region.

1. Click [Drivers to Add].
2. Select the operating system displayed in [Drivers to Add].



3. Click [OK].

※ The MF driver and MF Toolbox for 64-bit operating systems may not be supplied depending on your country or region.

※ If a 64-bit operating system is running on a computer on which the installation is being performed, the download installation (installation from a network) for a client computer on which any of the following 32-bit operating systems is running is not supported due to a Windows restriction.

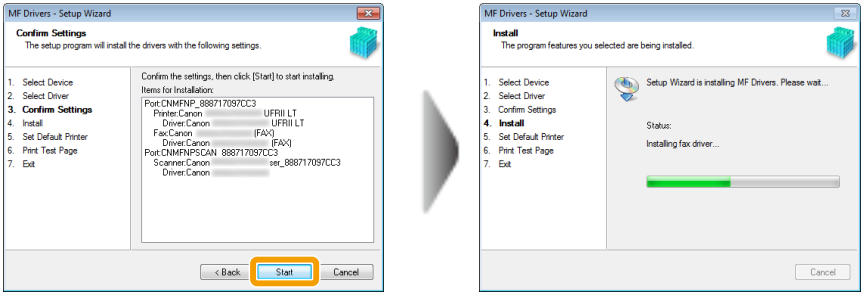
- Windows 2000
- Windows XP (on which no service pack or SP1 is installed)
- Windows Server 2003 (on which no service pack is installed)

If you download and install the software on any of the above 32-bit operating systems, you may fail to install the software and may not be able to open the printing preferences dialog box.

※ If any of the following 32-bit operating systems is running on a computer on which the installation is being performed, the additional driver for a 64-bit operating system cannot be installed.

- Windows 2000
- Windows XP (on which no service pack or SP1 is installed)
- Windows Server 2003 (on which no service pack is installed)

10 Installation starts when clicking [Start].

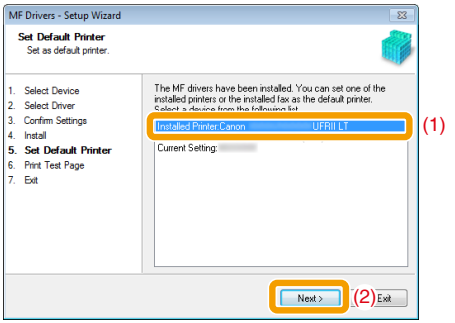


11 Select the device you would like to make your default printer.

(1) Select the device you would like to make your default printer.

(2) Click [Next].

※ This screen appears only when installing the printer driver and fax driver.

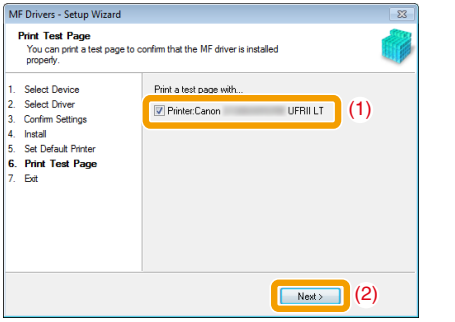


12 Select to print a test page.

(1) Select the check box to print a test page.

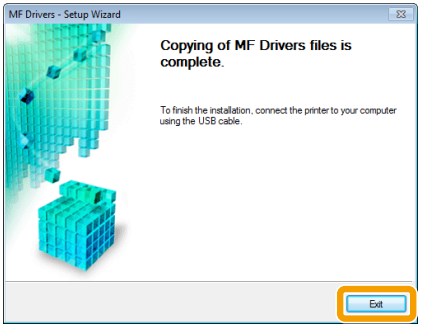
(2) Click [Next].

※ This screen appears only when installing the printer driver.

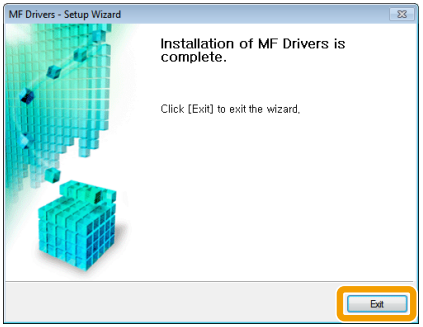


13 Click [Exit].

For USB Connection



For Network Connection



Next, installation of MF Toolbox starts.

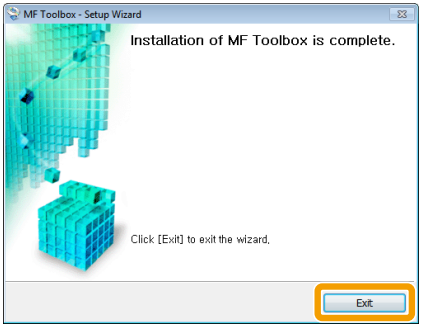
※ In any of the following cases, MF Toolbox is not installed. Proceed to Step 16.

- If you are using Windows 2000 Server, Windows Server 2003, or Windows Server 2008
- If you cleared the [MF Toolbox] check box in Step 4

14 Click [Next].

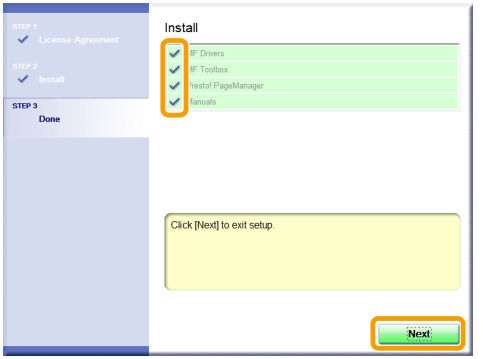
The screens for specifying a location in which the MF Toolbox is installed and position to which the start menu is added appear.
Specify the settings in the respective screens, and then click [Next]. Click [Start] in the displayed screen.

15 Click [Exit].



The software for which the check box was selected in Step 4 is installed.
Follow the on-screen instructions.

16 Check that [✓] is selected in [Install], and then click [Next].



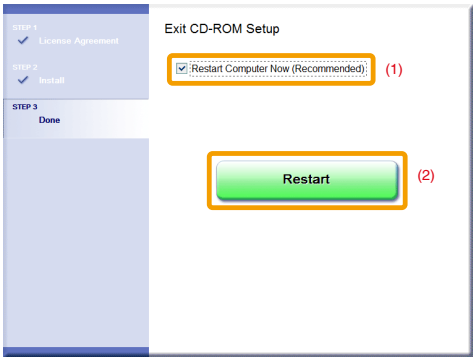
※ The options to be displayed differ depending on your country or region.

17 Restart your computer.

(1) Select the [Restart Computer Now (Recommended)] check box.

(2) Click [Restart].

※ The CD-ROM may be removed once this screen appears.

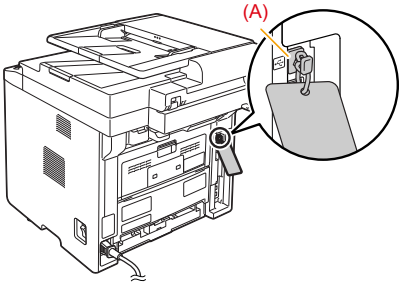


In the case of USB connection, connect the USB cable after restarting your computer.
See "USB cable connection (Only when connecting with USB)," on p. 22.
In the case of network connection, check the installation results.
See "Checking the installation results," on p. 23.

USB cable connection (Only when connecting with USB)

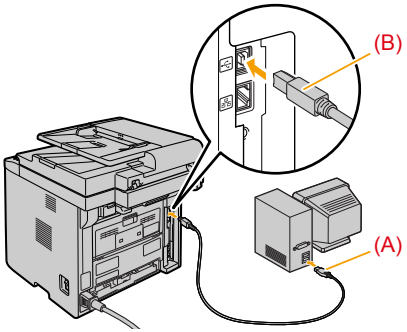
1 Remove the cap (A) on the USB port of the machine.

Remove the cap by pulling out the string.



2 Connect the USB cable.

- Flat end (A): Connect to the USB port on the computer.
- Square end (B): Connect to the USB port on the machine.



When a dialog box is displayed

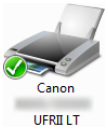
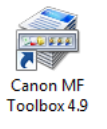
Follow the on-screen instructions and complete the installation.

After the installation, check the installation results.
See "Checking the installation results," on p. 23.

Checking the installation results

Check that the MF drivers and MF Toolbox are installed correctly.

Check that the icons for the installed software is added as follows.

Software	Location	Icon
Printer driver	[Printers and Faxes], [Printers], or [Devices and Printers] folder.	
Fax driver (fax model only)	[Printers and Faxes], [Printers], or [Devices and Printers] folder.	
Scanner driver	[Scanners and Cameras] or [Scanners and Cameras Properties] folder	For network connection
		For USB connection
MF Toolbox	Desktop	
Network Scan Utility (network model only)	Taskbar	

Installing the MF Drivers Via the WSD Network

When using Windows Vista/7/Server 2008, you can print using the WSD (Web Services on Devices) protocol.
To use WSD, follow procedures in both "Installing the MF Drivers" and "Setting WSD."

IMPORTANT

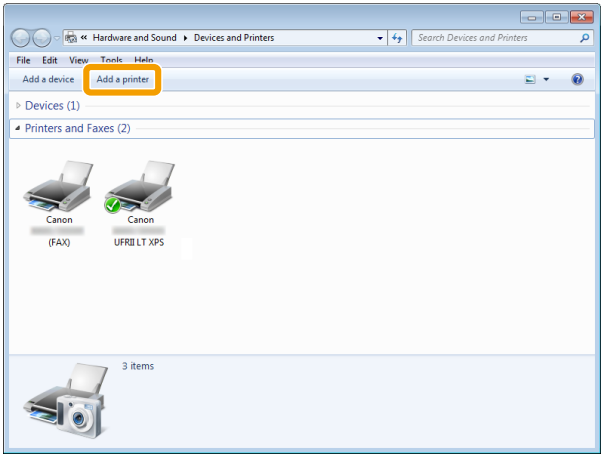
- **When operating in IPv6 environment**
  You may not install MF Drivers from the CD-ROM setup screen.
  Follow the procedures in this section.
- **To switch WSD on or off**
  Use the operation panel on the machine.
  e-Manual -> "Selecting the Connection Method (LPD/RAW/WSD)"

Installing the MF Drivers

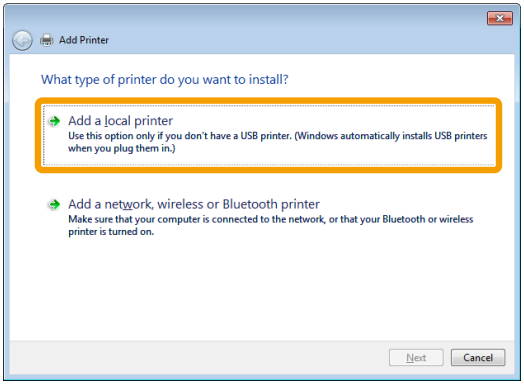
1 Display the printer folder.

- **Windows Vista**
  From the [Start] menu, select [Control Panel], and then click [Printers].
- **Windows 7, and Server 2008**
  From the [Start] menu, select [Devices and Printers].

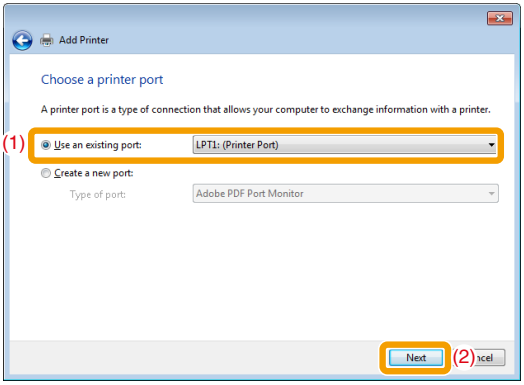
2 Click [Add a printer].



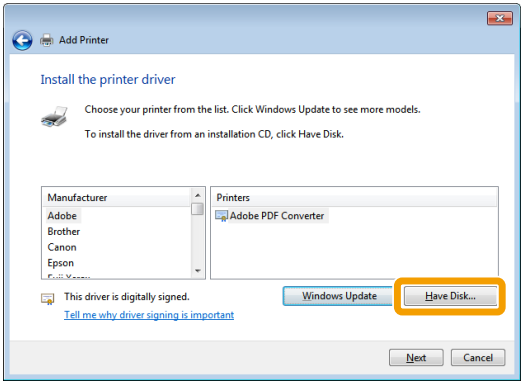
3 Click [Add a local printer].



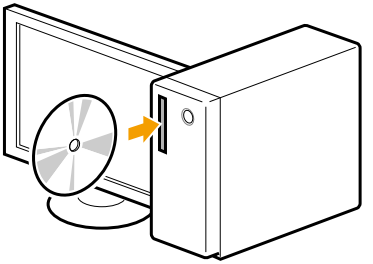
4 Check if [LPT1: (Printer Port)] is displayed in [Use an existing port], and then click [Next].



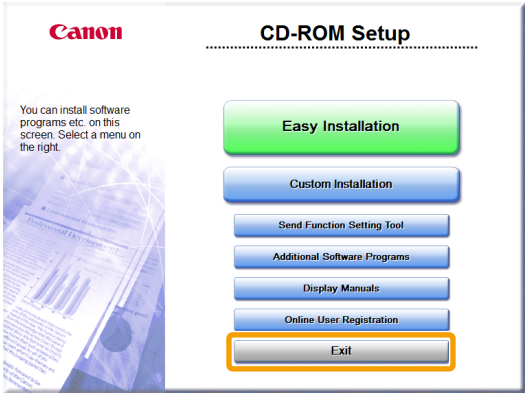
5 Click [Have Disk].



6 Insert the User Software CD-ROM.



When the following screen appears, click [Exit].

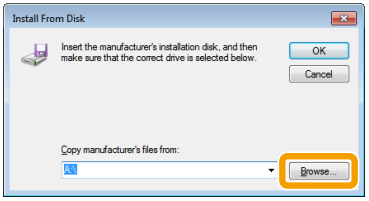


※The options to be displayed differ depending on your country or region.

If [AutoPlay] is displayed

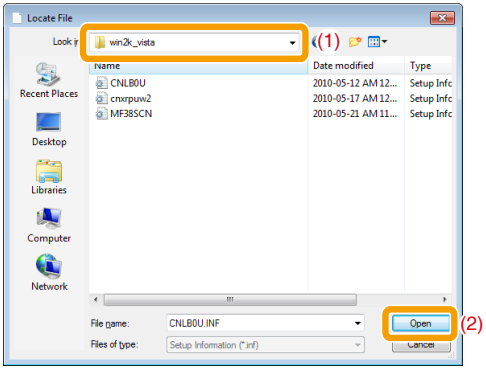
Click [ ] to close the dialog box.

7 Click [Browse].



8 Open the folder in which the printer driver is.

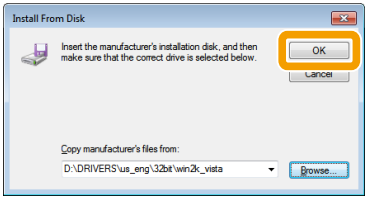
- **For 32-bit**
  Open [DRIVERS] -> [us_eng] or [uk_eng] -> [32bit] -> [win2k_vista] in the supplied CD-ROM, and then click [Open].
- **For 64-bit**
  Open [DRIVERS] -> [us_eng] or [uk_eng] -> [x64] -> [Driver] in the supplied CD-ROM, and then click [Open].



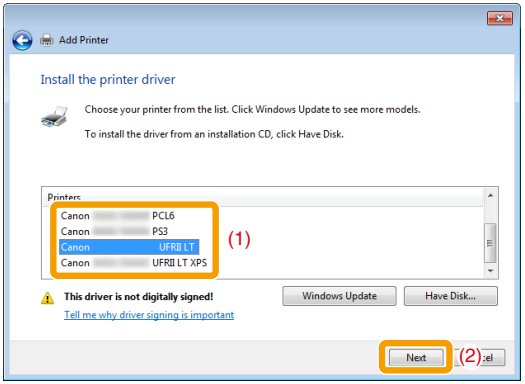
If you do not know which of 32-bit or 64-bit system you are using

See "How to Check the Windows Vista/7/Server 2008 Process Version," on p. 36.

9 Click [OK].



10 Select the printer driver you are using, and then click [Next].

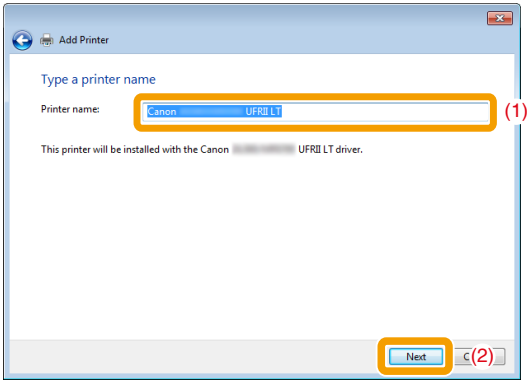


11 Specify a printer name.

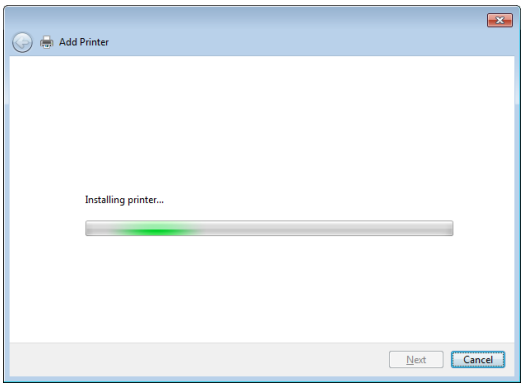
(1) Enter a new name to change the name for the printer.

※ If [Set as default printer] is displayed, select whether or not to use the machine as default printer. (Windows Vista/Server 2008)

(2) Click [Next].



→ Installation starts. Wait until the below screen disappears.

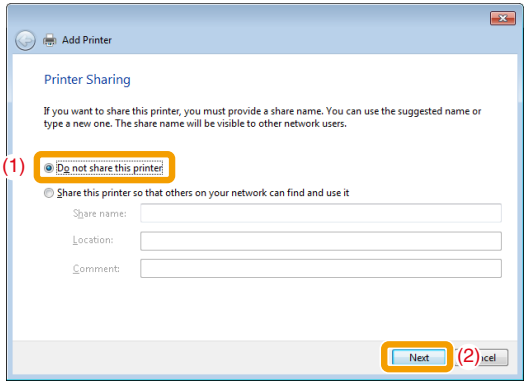


If [User Account Control] appears

Click [Yes] or [Continue].

12 Select [Do not share this printer], and then click [Next].

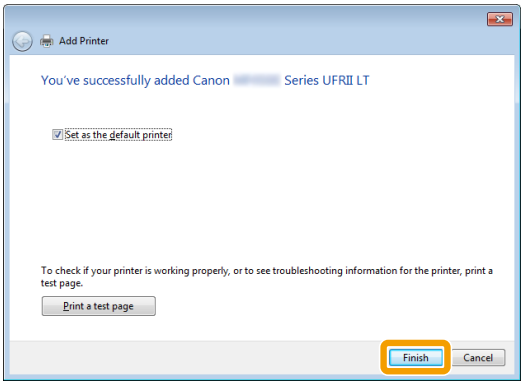
※If you want to share the machine, perform the sharing settings after performing settings in "Setting WSD."



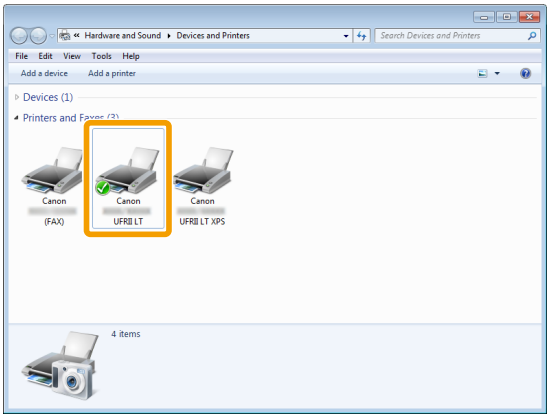
13 Click [Finish].

※If [Set as the default printer] is displayed, select whether or not to use the machine as default printer. (Windows 7/Server 2008 R2)

※You may eject the CD-ROM when the below screen appears.



→ The icon is added to the printer folder.

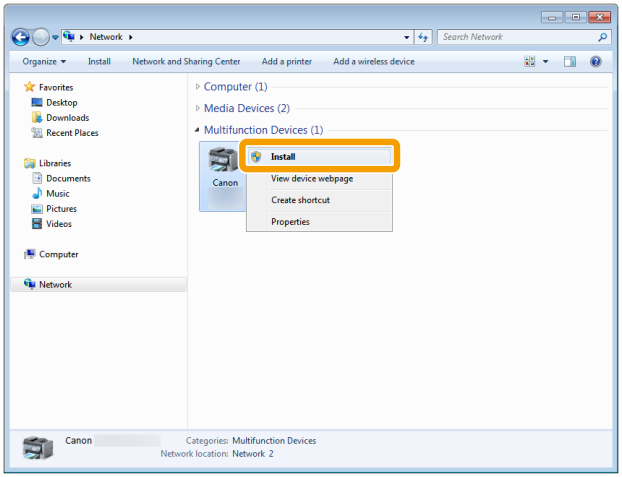


Setting WSD

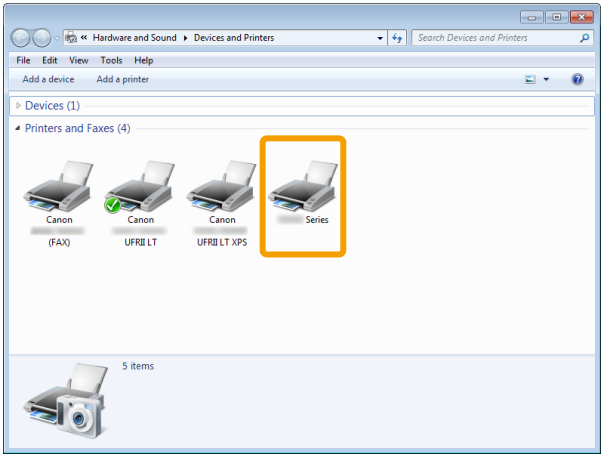
1 Display the network folder.

- **For Windows Vista/Server 2008**
  Select [Network] from the [Start] menu.
- **For Windows 7/Server 2008 R2**
  Select [Computer] from the [Start] menu, and then click [Network].

2 Right-click the machine icon, and then select [Install] from the pop-up menu.



→ The icon is add to the printer folder. Installation is finished.



If [User Account Control] appears

Click [Yes] or [Continue].

※Delete the icon that is added in the step 13 following the procedures below, as the icon will not be used.

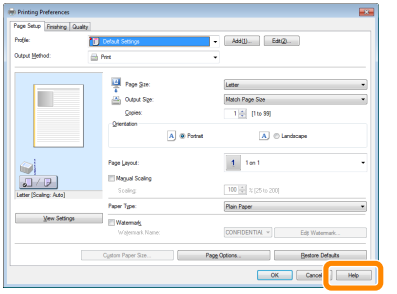
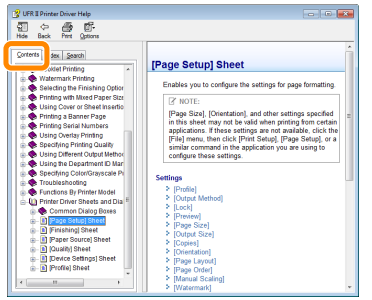
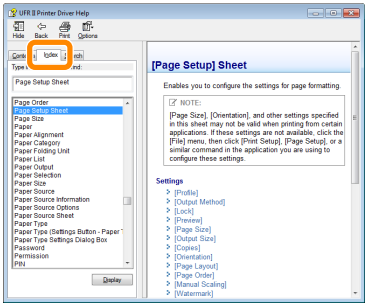
(1) Right-click the icon, and then select [Remove device] or [Delete] from the pop-up menu.

(2) Click [Yes].

(3) If [User Account Control] appears, Click [Yes] or [Continue].

How to Use the Online Help

In the Online Help, all the functions of the driver software and information about options are included. If you want to know descriptions of the functions and settings immediately when using the driver software, make use of the Online Help.

How to display the Help screen	(1) Select [File] -> [Print] from the menu bar in the application. (2) Select the printer in [Select Printer] or [Name] in the [Print] dialog box. (3) Click [Preferences] or [Properties]. (4) Click [Help].	
Searching from Contents	Click [Contents] in the Help screen, and then double-click the desired title to display the information.	
Searching with Index	Click [Index] in the Help screen, and then double-click the desired keyword from the list to display the information. To search for a desired keyword, enter the keyword directly in the above text box. The closest keyword is listed below.	

Appendix

Confirming IP Address Settings

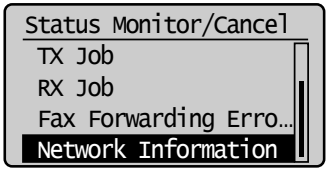
NOTE

- **If the machine is not connected to the network properly**
  The IP address will not be displayed.
- **When the startup time setting is specified**
  The IP address, subnet mask, and gateway address will be displayed when the specified time has elapsed.
  e-Manual -> "Specifying a Delay Before Establishing the Network Connection"
- **When the machine is connected to a switching hub**
  The machine may not be able to connect to a network even though your network settings are appropriate. In this case, the startup time of the machine needs to be set to a waiting state.
  e-Manual -> "Specifying a Delay Before Establishing the Network Connection"

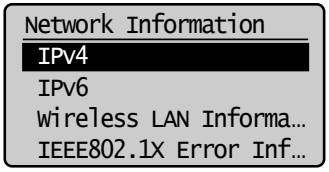
Confirming IPv4 address settings

1 **Press [●] (Status Monitor/Cancel).**

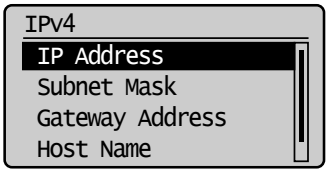
2 **Press [▲] or [▼] to select <Network Information>, and then press [OK].**



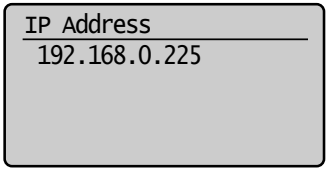
3 **Press [▲] or [▼] to select <IPv4>, and then press [OK].**



4 **Press [▲] or [▼] to select the options you want to confirm, and then press [OK].**



5 **View the information.**

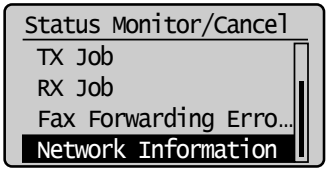


6 **Press [ ] (Status Monitor/Cancel) to close the screen.**

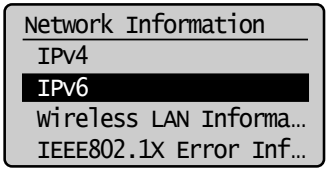
Confirming IPv6 address settings

1 **Press [ ] (Status Monitor/Cancel).**

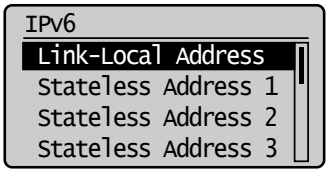
2 **Press [▲] or [▼] to select <Network Information>, and then press [OK].**



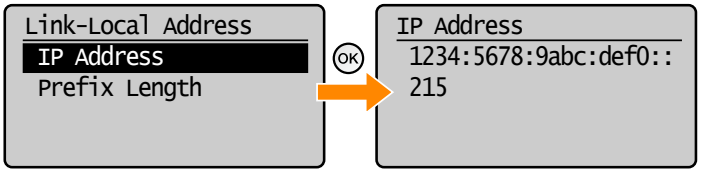
3 **Press [▲] or [▼] to select <IPv6>, and then press [OK].**



4 **Press [▲] or [▼] to select the options you want to confirm, and then press [OK].**



5 **View the information.**



6 **Press [●] (Status Monitor/Cancel) to close the screen.**

How to Check the Windows Vista/7/Server 2008 Processor Version

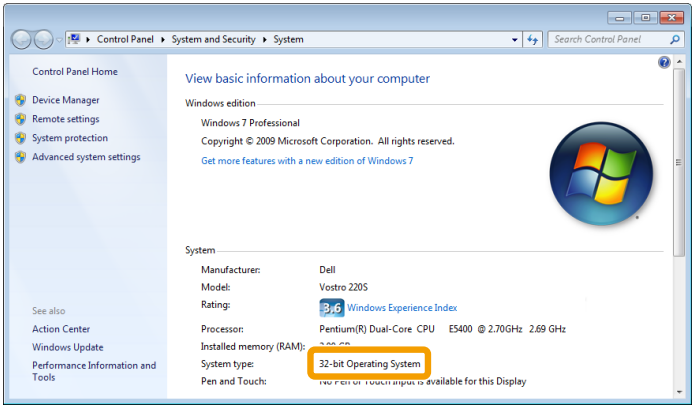
1 Select [Control Panel] from the [Start] menu.

2 Display [System].

- **Windows Vista/Windows 7/Windows Server 2008 R2**
  Click [System and Maintenance] or [System and Security] → [System].
- **Windows Server 2008**
  Click [System].

3 Check the processor version.

- **For 32-bit version**
  [32-bit Operating System] is displayed.
- **For 64-bit version**
  [64-bit Operating System] is displayed.



Uninstalling the Software

If you do not need the printer driver, fax driver, scanner driver, or MF Toolbox, you can uninstall them with the following procedure.

※ If you install the MF drivers via the WSD network, see the "e-Manual" and uninstall the drivers.

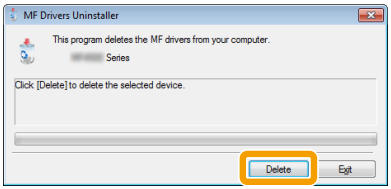
IMPORTANT

Confirm the following before uninstalling the software:
- You must be have administrative privileges on the computer
- You should have the installation software (in case you want to re-install the drivers)
- You have closed all applications on your computer

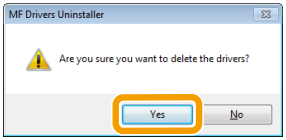
To uninstall the printer/fax/scanner driver

1 **From the [Start] menu, click [(All) Programs] -> [Canon] -> [MF5900 Series] (or [D1300 Series] or [iR 1133]) -> [Uninstall Drivers].**

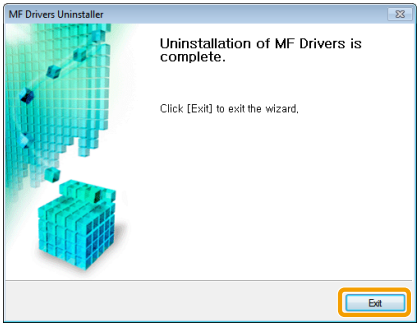
2 **Click [Delete].**



3 **Click [Yes] to confirm the uninstallation.**



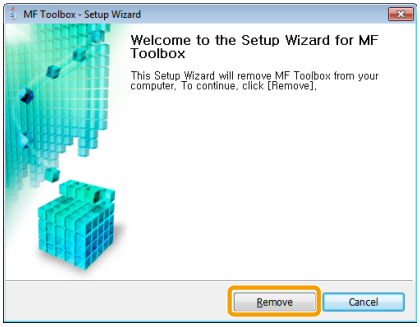
4 **Click [Exit] (or [Restart]).**



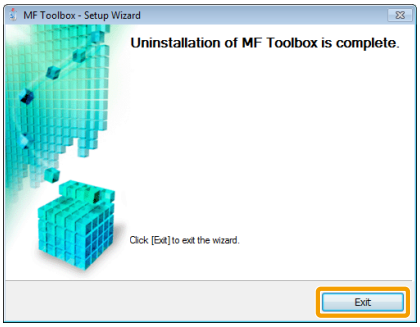
To uninstall the MF Toolbox

1 **From the [Start] menu, click [(All) Programs] -> [Canon] -> [MF Toolbox 4.9] -> [Toolbox Uninstall].**

2 **Click [Remove].**



3 **Click [Exit].**



USRM1-8783 (01) © CANON INC. 2011