

# Operating Instructions Driver Installation Guide

See the other online manuals on our website (http://www.ricoh.com/) or from the control panel.



For safe and correct use, be sure to read the Safety Information in Read This First before using the machine.

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# 1. Introduction

This chapter explains the software included on the supplied CD-ROM.

# **Start Installer**

To connect this machine to a client computer and use its printer and scanner functions, the software included on the provided CD-ROM must be installed on the client computer.

The installer starts automatically when you insert the provided CD-ROM into the CD-ROM drive of a client computer running under Windows or Windows Server. You can then install the various software included on the CD-ROM.

The contents (display item) of the installer are as follows:

#### PostScript 3 Printer Driver

Installs the PostScript 3 printer driver.

For details about installing the driver, see page 11 "Installing the Printer Driver for a Network Connection" or page 17 "Installing the Printer Driver for USB Connection".

#### **TWAIN Driver**

This software enables you to utilize image data from other TWAIN compliant applications.

For details about installing the driver, see page 25 "Installing the TWAIN Driver".

#### Select Language

Changes the interface language.

#### **Browse This Disk**

Browses the contents of this CD-ROM.

#### Exit

Quits Installer.

#### Note

- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- Auto Run might not work automatically with certain OS settings. If this is the case, double-click "Setup.exe", located on the CD-ROM root directory, or click [Run SETUP.EXE] in the [AutoPlay] dialog box.

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### Software and Utilities Included on the CD-ROM

This section explains the software and utilities CD-ROM provided with this machine.

#### Note

- For the latest information on the corresponding operating system, see "Readme.txt" file, located on the CD-ROM root directory.
- For the latest information on Windows Terminal Service, Citrix XenDesktop, and Citrix XenApp, see the manufacturer's Web site.

#### **PostScript 3 Printer Driver**

Adobe<sup>®</sup> PostScript<sup>®</sup> printer driver allows the computer to communicate with the printer using a printer language. PPD files allow the printer driver to enable specific printer functions. Printing requires installation of a printer driver for your operating system.

#### **Operating System**

The operating systems and its editions supported in PostScript 3 printer driver are as follow:

• Windows Vista

Microsoft Windows Vista Ultimate/Microsoft Windows Vista Enterprise/Microsoft Windows Vista Business/Microsoft Windows Vista Home Premium/Microsoft Windows Vista Home Basic

Windows 7

Microsoft Windows 7 Home Premium/Microsoft Windows 7 Professional/Microsoft Windows 7 Ultimate/Microsoft Windows 7 Enterprise

• Windows 8

Microsoft Windows 8/Microsoft Windows 8 Pro/Microsoft Windows 8 Enterprise

Windows 8.1

Microsoft Windows 8.1/Microsoft Windows 8.1 Pro/Microsoft Windows 8.1 Enterprise

• Windows 10

Microsoft Windows 10 Home/Microsoft Windows 10 Pro/Microsoft Windows 10 Enterprise/ Microsoft Windows 10 Education

• Windows Server 2003

Microsoft Windows Server 2003 Standard Edition/Microsoft Windows Server 2003 Enterprise Edition/Microsoft Windows Server 2003 R2 Standard Edition/Microsoft Windows Server 2003 R2 Enterprise Edition

• Windows Server 2008

Microsoft Windows Server 2008 Standard/Microsoft Windows Server 2008 Enterprise/ Microsoft Windows Server 2008 R2 Standard/Microsoft Windows Server 2008 R2 Enterprise

• Windows Server 2012

Microsoft Windows Server 2012 Foundation/Microsoft Windows Server 2012 Essentials/ Microsoft Windows Server 2012 Standard/Microsoft Windows Server 2012 R2 Foundation/ Microsoft Windows Server 2012 R2 Essentials/Microsoft Windows Server 2012 R2 Standard

• OS X

OS X 10.7 or later (native mode).

#### Vote

- Windows operating system supports both versions (32/64 bit).
- For details about installing the driver, see page 11 "Installing the Printer Driver for a Network Connection" or page 17 "Installing the Printer Driver for USB Connection".

#### Supported languages

The PostScript 3 printer driver uses the same interface language as the one specified by your operating system. The supported languages are as follow:

English, German, French, Italian, Spanish, Dutch, Swedish, Norwegian, Danish, Simplified Chinese.

The PostScript 3 printer driver will be displayed in English if your operating system uses one of the following languages: Finnish, Hungarian, Czech, Polish, Portuguese, Russian, Catalan, Turkish, Brazilian Portuguese, Greek.

#### HDI Driver for AutoCAD

The driver for the AutoCAD is provided to work specifically with the AutoCAD of CAD applications. Using the HDI driver reduces data size during print out, enabling faster print out.

The HDI driver is specially designed for use in environments where Auto-CAD applications are running. AutoCAD applications must be installed before you install the HDI driver.

#### Coloritant 🔁

• If you are already using a printer of the same manufacturer, you cannot use different HDI drivers simultaneously. In case, delete the older HDI driver.

#### Supported AutoCAD applications

The versions supported in the HDI driver are as follow:

AutoCAD 2007, AutoCAD LT 2007, AutoCAD 2008(32bit/64bit), AutoCAD LT 2008, AutoCAD 2009(32bit/64bit), AutoCAD LT 2009(32bit/64bit), AutoCAD LT 2009(32bit/64bit), AutoCAD LT 2010(32bit/64bit), AutoCAD 2011(32bit/64bit), AutoCAD 2011(32bit/64bit), AutoCAD 2012(32bit/64bit), AutoCAD LT 2012(32bit/64bit), AutoCAD LT 2013(32bit/64bit), AutoCAD LT 2012(32bit/64bit), Aut

2013(32bit/64bit), AutoCAD 2014(32bit/64bit), AutoCAD LT 2014(32bit/64bit), AutoCAD 2015(32bit/64bit), AutoCAD LT 2015(32bit/64bit)

#### Supported languages

The languages supported in the driver are as follow:

English, German, French, Italian, Spanish, Dutch, Portuguese, Russian.

The HDI driver will be displayed in English if your operating system uses one of the following languages: Swedish, Norwegian, Danish, Finnish, Hungarian, Czech, Polish, Catalan, Turkish, Brazilian Portuguese, Greek.

• Note

For details about installing the driver, see page 22 "Installing the HDI Driver".

#### **TWAIN Driver**

This driver is required to scan an original using a scanner. To use the machine as a network TWAIN scanner, this driver must be installed.

#### File path

The driver is included in the following folder on the CD-ROM:

\X86\DRIVERS\TWAIN

#### Supported Operating System<sup>\*1</sup>

Windows Vista/7/8/8.1/10

Windows Server 2003/2003 R2/2008/2008 R2/2012/2012 R2

\* 1 TWAIN scanner runs on a 64-bit operating system, but is not compatible with 64-bit applications. Use it with 32-bit applications.

#### Supported languages

The TWAIN Driver uses the same interface language as the one specified by your operating system.

\rm Note

• For details about installing the driver, see page 25 "Installing the TWAIN Driver".

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# For OS X Users

If you are using OS X, the following limitations apply to each function:

- When using the scanner function, the TWAIN Driver cannot be used.
- When using the printer function, use the printer driver for OS X.
   For details, see page 31 "Installing the Printer Driver Under OS X".

1. Introduction

# 2. Installing the Printer Driver

This chapter explains how to install and configure the printer drivers for use on the Windows operating system. Installing procedures on Windows 7 is shown as an example except where indicated.

## **Confirming the Connection Method**

This machine supports network and local connection.

Before installing the printer driver, check how the machine is connected. Follow the driver installation procedure that is appropriate to the connection method.

#### **Network Connection**

This machine can be used as a Windows printing port or network printer.

#### Using the Windows printing port

Network connections can be established through Ethernet and Wireless LAN.

Connection Method	Available Ports	
• Ethernet	Standard TCP/IP port	
Wireless LAN	IPP port	
	LPR port	

Vote

• For details about how to install the printer driver for each type of port, see page 11 "Installing the Printer Driver for the Selected Port".

#### Using as a network printer

This machine can be used as a remote printer using the Windows print server function.

Client OS	Using Server	
• Windows Vista	Windows Vista print server	
• Windows 7	• Windows 7 print server	
• Windows 8	• Windows 8 print server	
• Windows 8.1	Windows 8.1 print server	
• Windows 10	Windows 10 print server	
• Windows Server 2003/2003 R2	• Windows Server 2003/2003 R2 print server	
• Windows Server 2008/2008 R2	• Windows Server 2008/2008 R2 print server	
• Windows Server 2012/2012 R2	• Windows Server 2012/2012 R2 print server	

#### • Note

• For details about how to install the printer driver to print server, see page 15 "Using Windows Print Server".

#### Local Connection

Local connection can be supported for only USB connection.

#### **Vote**

• For details about how to install the printer driver for USB connection, see page 17 "Installing the Printer Driver for USB Connection".

# Installing the Printer Driver for a Network Connection

This section describes the installation procedure of the printer drivers for network connection.

#### 🔂 Important

 Manage Printers permission is required to install the driver. Log on as an Administrators group member.

#### Note

- If the [User Account Control] dialog box appears during the driver installation procedure, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears during the driver installation procedure, click [Install this driver software anyway].
- A message appears if there is a newer version of the printer driver already installed. If there is, you
  cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add
  Printer]. See page 27 "Messages Displayed When Installing the Printer Driver".

#### Installing the Printer Driver for the Selected Port

Describes the driver installation procedure for each printer port. See the installation procedure for the printer port you are using.

Port Type	Reference	
Standard TCP/IP port	page 11 "Using the Standard TCP/IP port"	
IPP port	page 12 "Using the IPP port"	
LPR port	page 14 "Using the LPR port"	

#### Using the Standard TCP/IP port

- 1. Click [PostScript 3 Printer Driver] on the installer screen.
- 2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
- 3. Select a printer driver you want to use, and then click [Next >].
- 4. Select [Specify a new port], and then click [Next >].
- 5. Select [Standard TCP/IP Port], and then click [Next >].

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- 6. Click [Next].
- 7. Enter the machine name or IP address, and then click [Next].

When the device type selection appears, select "RICOH Network Printer C model".

- 8. Click [Finish].
- 9. Select the [Printer Name:] check box of the machine model you want to use.
- 10. Configure the user code, default printer, and shared printer as necessary.
- 11. Click [Continue].

The installation starts.

12. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

#### Note

- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    - 1. On the Charm Bar, click [Search], and then click [Computer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    - 1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    - 1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

#### Using the IPP port

#### 🔁 Important

- Installation of the certificate is especially necessary for users who want to print via IPP-SSL from Windows Vista/7/8/8.1/10 or Windows Server 2008/2008 R2/2012/2012 R2. For details, consult your administrator.
- If a certificate authority issues a certificate that must be authenticated by an intermediate certificate authority, and the certificate is installed on this machine, an intermediate certificate must be

installed on the client computer. Otherwise, validation by the certificate authority will not be performed correctly.

- If validation cannot be performed properly, a warning message informing you that installation is not possible might appear when you try to add a printer using IPP-SSL under Windows Vista/ 7/8/8.1/10 or Windows Server 2008/2008 R2/2012/2012 R2. To enable authentication from the client computer, install the intermediate certificate on the client computer, and then reestablish connection.
- Intermediate certificates cannot be installed on this machine.
- 1. On the [Start] menu, click [Devices and Printers].

If you are using a computer that is running Windows 8/8.1 or Windows Server 2012/2012 R2, click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

If you are using a computer that is running Windows 10, right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

2. Click [Add a printer].

If you are using a computer that is running Windows 8/8.1/10 or Windows Server 2012/2012 R2, proceed to Step 4.

- 3. Click [Add a network, wireless or Bluetooth printer].
- 4. Click [The printer that I want isn't listed].
- In the [Select a shared printer by name] box, enter "http://(machine's IP address or host name)/printer (or ipp)" as the printer's address, and then click [Next].
- 6. Click [Have Disk...].
- 7. Click [Browse...], and then specify a location for the INF file.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1

64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 5 "Supported languages".

- 8. Click [Open].
- 9. Click [OK] to close the [Install From Disk] window.
- Select the manufacturer and model name of the machine you want to use, and then click [OK].

The installation starts.

 Follow the instructions that appear. Modify settings such as printer name and default printer configuration, as necessary. You can also print a test page.

#### 12. Click [Finish].

#### Using the LPR port

- 1. Click [PostScript 3 Printer Driver] on the installer screen.
- 2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
- 3. Select a printer driver you want to use, and then click [Next >].
- 4. Select [Specify a new port], and then click [Next >].
- 5. Select [LPR Port], and then click [Next >].
- 6. Enter the machine name or IP address in the [Name or address of server providing lpd:] box.
- 7. Enter "lp" in the [Name of printer or print queue on that server:] box, and then click [OK].
- 8. Select the [Printer Name:] check box of the machine model you want to use.
- 9. Configure the user code, default printer, and shared printer as necessary.
- 10. Click [Continue].

The installation starts.

11. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

#### 🕹 Note

- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    - 1. On the Charm Bar, click [Search], and then click [Computer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    - 1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    - 1. On the desktop, right-click the [Start] button, and then click [File Explorer].

Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

#### Using Windows Print Server

- 1. Click [PostScript 3 Printer Driver] on the installer screen.
- The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
- 3. Select a printer driver you want to use, and then click [Next >].
- 4. Select [Specify a new port], and then click [Next >].
- 5. Select [Network Printer], and then click [Next >].
- Double-click the computer name you want to use as a print server in the [Browse for Printer] window.
- 7. Select the machine you want to use, and then click [OK].
- 8. Select the [Printer Name:] check box of the machine model you want to use.
- 9. Configure the user code, default printer, and shared printer as necessary.
- 10. Click [Continue].

The installation starts.

11. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

#### Note

- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    - 1. On the Charm Bar, click [Search], and then click [Computer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    - 1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    - 1. On the desktop, right-click the [Start] button, and then click [File Explorer].

2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

## Installing the Printer Driver for USB Connection

This section explains how to install the printer driver using USB. See the installation procedure for the operating system you are using. Before installing, check that only the operating system is running on the computer and no print jobs are in progress.

#### 🔁 Important

 Manage Printers permission is required to install the driver. Log on as an Administrators group member.

If the printer driver has already been installed, and plug and play is enabled, the icon of the printer connected to the "USB" port is added to the [Printers], [Printers and Faxes], or [Devices and Printers] window.

If the printer driver is not installed, follow the plug-and-play instructions of the machine to install it from the CD-ROM provided with this machine.

#### Vote

- If the [User Account Control] dialog box appears in driver installation procedure, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears in driver installation procedure, click [Install this driver software anyway].
- A message appears if there is a newer version of the printer driver already installed. If there is, you
  cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add
  Printer]. See page 27 "Messages Displayed When Installing the Printer Driver".

#### Windows Server 2003/2003 R2

- 1. Check that the power of the machine is off.
- Connect the machine and computer using the USB cable.
   Connect the USB cable firmly.
- 3. Turn on the power of the machine.

Found New Hardware Wizard starts, and USB Printing Support is installed automatically.

- 4. Select [No, not this time], and then click [Next].
- 5. Click [Install from a list or specific location [Advanced]], and then click [Next].
- 6. Select the [Search removable media (floppy, CD-ROM...)] check box under [Search for the best driver in these locations.], and then click [Next].
- 7. Select the name of the machine whose driver you want to install.

Check the location where the source files of the printer driver is stored.

If the CD-ROM drive is D, the source files are stored in the following locations:

#### 32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1

64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 5 "Supported languages".

#### 8. Click [Next].

The installation starts.

9. Click [Finish].

If the printer driver has already been installed and plug and play is enabled, the icon of the printer connected to the "USB001" port is added to the [Printers], [Printers and Faxes], or [Devices and Printers] window.

The number after "USB" varies depending on the number of printers connected.

#### Windows Vista, Windows Server 2008

- 1. Check that the power of the machine is off.
- 2. Connect the machine and computer using a USB cable.

Connect the USB cable firmly.

3. Turn on the power of the machine.

Found New Hardware Wizard starts, and USB Printing Support is installed automatically.

- 4. In the [Found New Hardware] window, click [Locate and install driver software (recommended)].
- 5. Select the name of the machine whose driver you want to install.

Check the location where the source files of the printer driver is stored.

If the CD-ROM drive is D, the source files are stored in the following locations:

32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1

64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 5 "Supported languages".

6. Click [Next].

The installation starts.

7. Click [Close].

If the printer driver has already been installed and plug and play is enabled, the icon of the printer connected to the "USB001" port is added to the [Printers], [Printers and Faxes], or [Devices and Printers] window.

The number after "USB" varies depending on the number of printers connected.

#### Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2

- 1. Open the [Devices and Printers] window.
  - Windows 7, Windows Server 2008 R2:

On the [Start] menu, select [Devices and Printers].

• Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

• Windows 10

Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

- 2. Click any machine icon, and then click [Print server properties].
- 3. Click the [Drivers] tab, and then click [Add].
- 4. Click [Next].
- 5. Check the [x64] (64 bit) or [x86] (32 bit) check box, and then click [Next].
- 6. Click [Have Disk...].
- 7. Click [Browse...], and then select the printer driver location.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1

64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 5 "Supported languages".

- 8. Click [OK].
- Select the manufacturer and model name of the machine you want to use, and then click [Next].
- 10. Click [Finish].
- 11. Click [Close] to close the print server properties window.
- 12. Check that the power of the machine is off.
- Connect the machine and computer using a USB cable. Connect the USB cable firmly.
- 14. Turn on the power of the machine.

## **Configuring Option Settings for the Printer**

When bidirectional communication works correctly, your computer obtains information about option, paper size and paper feed direction settings from the machine automatically. Bidirectional communication also allows you to monitor machine status.

When bidirectional communication is disabled, you have to set up option, paper size and paper feed direction settings on your computer manually.

#### 🔁 Important

 Manage Printers permission is required to enable bidirectional communication or to configure the option settings. Log on as an Administrators group member.

#### **Conditions for Bidirectional Communication**

To support bidirectional communication, the following conditions must be met:

#### When connected with the network

- The Standard TCP/IP port must be used.
- In addition to the above, one of the following conditions must also be met:
  - The TCP/IP protocol or the IPP protocol is used. (When using the IPP protocol, the IPP port name must include the IP address.)

#### When connected with USB

- The machine must be connected to the computer's USB port using the USB interface cable.
- The computer must support bidirectional communication.
- [Enable bidirectional support] must be selected, and [Enable printer pooling] must not be selected on the [Ports] tab with the printer driver.

#### Vote

- The PostScript 3 printer driver supports bidirectional communication and automatic printer status updates.
- To obtain printer information automatically using the bidirectional communication function of the PostScript 3 printer driver, you must select the [Automatically Update Printer Information] check box on the [Accessories] tab in the printer driver's properties window.

#### If Bidirectional Communication is Disabled

This section describes how to set up option, paper size and paper feed direction settings on your computer manually.

- 1. Open the printer window.
  - Windows Server 2003/2003 R2:

On the [Start] menu, select [Printers and Faxes].

• Windows Vista, Windows Server 2008:

On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.

• Windows 7, Windows Server 2008 R2:

On the [Start] menu, select [Devices and Printers].

• Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

• Windows 10

Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

#### 2. Open the printer properties dialog box.

• Windows Vista, Windows Server 2003/2003 R2/2008:

Right-click the machine's icon, and then click [Properties].

• Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:

Right-click the machine's icon, and then click [Printer properties].

3. Click the [Accessories] tab.

If options in the [Accessories] tab are disabled, bidirectional connection is enabled. In this case, no change is necessary for option settings.

- 4. Select options installed from the [Options] area, and then make the necessary settings.
- 5. Click [Change Paper Input Settings...].
- 6. In [Paper Input Location:] select which trays to use, and then, in [Paper Size:] select the size of the paper that you want to load in each tray.

Click [Modify Paper Input/Paper Size] to apply the setting for each tray.

- 7. Click [OK].
- 8. Click [Apply].
- 9. Click [OK] to close the printer properties window.
- 🕹 Note
  - For details about making option settings for the machine using OS X, see page 34 "Configuring Option Settings for the Printer Under OS X".

## Installing the HDI Driver

The following explains how to install the HDI driver under Windows 7.

All the procedures are the same for Windows Vista/8/8.1/10, Windows Server 2003/2003 R2/2008/2008 R2/2012/2012 R2.

#### 🔂 Important

- AutoCAD applications must be installed before you install the HDI driver.
- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- If the [User Account Control] dialog box appears during the driver installation procedure, click [Yes] or [Continue].
- 1. Quit all applications. (Do not close this manual.)
- 2. On the [Start] menu, click [Control Panel].
- 3. Click [Hardware and Sound].
- 4. Double-click [Autodesk Plotter Manager].

[Autodesk Plotter Manager] appears only if there is the AutoCAD application already installed.

- 5. Double-click [Add-A-Plotter Wizard].
- 6. Click [Next >].
- 7. Select [My Computer], and then click [Next >].
- 8. Click [Have Disk...].
- 9. Insert the provided CD-ROM into the computer's CD-ROM drive.

If the [AutoPlay] dialog box appears, click [Close].

- 10. Specify the file that matches the AutoCAD application you want to use, click [Open]. If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:
  - AutoCAD 2007, AutoCAD LT 2007
     D:\X86\DRIVERS\HDI\ (brand name) \AC2007\ (language)
  - AutoCAD 2008, AutoCAD LT 2008, AutoCAD 2009, AutoCAD LT 2009
     32-bit OS D:\X86\DRIVERS\HDI\ (brand name) \AC2008\X86\ (language)
     64-bit OS D:\X64\DRIVERS\HDI\ (brand name) \AC2008\X64\ (language)
  - AutoCAD 2010, AutoCAD LT 2010
     32-bit OS D:\X86\DRIVERS\HDI\ (brand name) \AC2010\X86\ (language)
     64-bit OS D:\X64\DRIVERS\HDI\ (brand name) \AC2010\X64\ (language)
  - AutoCAD 2011, AutoCAD LT 2011, AutoCAD 2012, AutoCAD LT 2012
     32-bit OS D:\X86\DRIVERS\HDI\ (brand name) \AC2011\X86\ (language)

2

64-bit OS D:\X64\DRIVERS\HDI\ (brand name) \AC2011\X64\ (language)

- AutoCAD 2013, AutoCAD LT 2013, AutoCAD 2014, AutoCAD LT 2014
   32-bit OS D:\X86\DRIVERS\HDI\ (brand name) \AC2013\X86\ (language)
   64-bit OS D:\X64\DRIVERS\HDI\ (brand name) \AC2013\X64\ (language)
- AutoCAD 2015, AutoCAD LT 2015
   32-bit OS D:\X86\DRIVERS\HDI\ (brand name) \AC2015\X86\ (language)
   64-bit OS D:\X64\DRIVERS\HDI\ (brand name) \AC2015\X64\ (language)

Confirm the driver you selected matches the AutoCAD version you want to use. If they do not match, an error screen appears. See the HDI driver's Readme if this occurs.

- Select the manufacturer and model name of the machine you want to use, and then click [Next].
- 12. Follow the instructions in [Add-A-Plotter Wizard].

For details about screens and printing procedures, see the online Help. To display the online Help, click [Help] on the printer driver screen.

2. Installing the Printer Driver

# 3. Installing the Scanner Driver

This chapter explains how to install the TWAIN Driver on a client computer. Installing procedures on Windows 7 is shown as an example except where indicated.

# Installing the TWAIN Driver

To use the network TWAIN scanner, you must install the TWAIN Driver on a client computer.

#### Comportant 🔁

- To use this machine as a network TWAIN scanner, a TWAIN-compliant application must be installed on the client computer.
- 1. Click [TWAIN Driver] on the installer screen.
- 2. The installer of the TWAIN Driver starts. Follow the instructions.

#### Note

- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    - 1. On the Charm Bar, click [Search], and then click [Computer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    - 1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    - 1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    - Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".
- Before you start the installation, check the system requirements for the TWAIN Driver. For details
  about the system requirements, see page 4 "Software and Utilities Included on the CD-ROM".
- When the installation is complete, a message about restarting the client computer may appear. In this case, restart the client computer.
- After the installation is complete, a folder with the name of the machine in use is added in [Programs], [All Programs], [Apps], or [All apps] on the [Start] menu. Help can be displayed from here.

• Notes on using the network TWAIN scanner are provided in "Readme.txt". Be sure to read them before use.

#### 27

This chapter provides solutions for driver installation and USB connection problems.

# Messages Displayed When Installing the Printer Driver

This section describes what to do if a message appears when installing the printer driver.

Message number 58 or 34 indicates that the printer driver cannot be installed using Auto Run. Install the printer driver using Add Printer Wizard.

Message number 58 appears if there is a newer version of the printer driver already installed.

#### 1. Open the printer window.

• Windows Server 2003/2003 R2:

On the [Start] menu, select [Printers and Faxes].

• Windows Vista, Windows Server 2008:

On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.

• Windows 7, Windows Server 2008 R2:

On the [Start] menu, select [Devices and Printers].

• Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

Windows 10

Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

- 2. Click [Add a printer].
- 3. Follow the instructions in Add Printer Wizard.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1

64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 5 "Supported languages".

4. Specify a port.

#### Vote

• Available ports vary according to your Windows operating system or the type of interface. For details, see page 9 "Confirming the Connection Method".

# **If USB Connection Fails**

This section describes how to troubleshoot a problem related to USB connections.

Problem	Causes	Solutions
The machine is not automatically recognized.	The USB cable is not connected properly.	Disconnect the USB cable from the computer, and then turn off the main power switch. Turn on the main power switch again. When the machine has fully booted up, reconnect the USB cable.
The machine does not recognize the USB connection even when a USB cable is inserted.	Windows has already configured the USB settings.	Check whether the computer has identified the machine as an unsupported device. Open Windows' Device Manager, and then, under [Universal Serial Bus controllers], remove any conflicting devices. Conflicting devices have a [!] or [?] icon by them. Take care not to accidentally remove required devices. For details, see Windows Help.
The machine does not recognize the USB connection even when a USB cable is inserted.	If the USB cable is connected while the machine is off, the machine might not recognize the USB connection.	Press the operation switch, and then disconnect the USB cable from the computer. When the machine has returned to the ready condition, reconnect the USB cable.

4. Troubleshooting

# 5. Installing the Printer Driver Under OS X

This chapter explains how to install and configure the printer drivers for use on the OS X operating system.

# Installing the PPD Files

To print using the printer specific features under OS X, install the PPD files.

#### Coloritant 🖸

- You need an administrator name and a password (phrase). For details, consult your network administrator.
- For the latest information on the corresponding operating system, see the "Readme.txt" file, located on the CD-ROM root directory.
- 1. Double-click the [Mac OS X] folder.
- 2. Double-click the [(brand name)] folder.
- 3. Double-click the [MacOSX PPD Installer] folder.
- 4. Double-click the package file icon.
- 5. Follow the instructions on the screen.

#### Note

- The PPD files will be automatically installed in the following location:
  - \Library\Printers\PPDs\Contents\Resources\

### **Registering the Printer**

To use the machine, the printer must be registered in the printer list.

Make sure the machine and computer are connected and turned on, and perform the following procedure.

For details about how to connect the machine to the computer, see "Connecting the Machine", Connecting the Machine/ System Settings.

#### 🕹 Note

- When printing with a USB connection to a Macintosh computer, the printer language does not change automatically. Use the control panel on this machine to change the printer language to [Auto] or [PS] before printing.
- The operating procedure under OS X differs depending on the version of the operating system. Consult the procedure described in this manual, and make the necessary settings according to the manual of each version.

#### USB Connection

#### 🔁 Important

- Make sure the computer and the printer are connected using the USB cable, and the power of the devices are turned on beforehand.
- 1. Start System Preferences.
- 2. Click [Print & Scan] or [Printers & Scanners].
- 3. Click the [+] button.

If [Add Other Printer or Scanner...] or [Add Printer or Scanner...] appears, click it.

- 4. Click [Default].
- 5. Select the printer that has "USB" indicated in the [Kind] column.
- 6. Select the printer you are using from the [Print Using:] or [Use:] pop-up menu.

If the printer you are using is not selected in [Print Using:] or [Use:], select its manufacturer in the [Select Printer Software...] or [Select Software...] pop-up menu, and then select the PPD file of the printer. For the location of the PPD files, see page 31 "Installing the PPD Files".

7. Click [Add].

If the option settings need to be configured, click [Configure...] in the dialog box that appears, and then configure the option settings.

8. Quit System Preferences.

#### **Network Connection**

- 1. Start System Preferences.
- 2. Click [Print & Scan] or [Printers & Scanners].
- 3. Click the [<sup>+</sup>] button.

If [Add Other Printer or Scanner...] or [Add Printer or Scanner...] appears, click it.

- 4. Click [Default].
- 5. Select the printer that has "Bonjour" indicated in the [Kind] column.

If the printer name is not displayed, select the icon that corresponds to your network environment (TCP/IP, etc.).

6. Select the printer you are using from the [Print Using:] or [Use:] pop-up menu.

If the printer you are using is not selected in [Print Using:] or [Use:], select its manufacturer in the [Select Printer Software...] or [Select Software...] pop-up menu, and then select the PPD file of the printer. For the location of the PPD files, see page 31 "Installing the PPD Files".

7. Click [Add].

If the option settings need to be configured, click [Configure...] in the dialog box that appears, and then configure the option settings.

8. Quit System Preferences.

# Configuring Option Settings for the Printer Under OS X

This section explains how to configure the printer driver.

- 1. Start System Preferences.
- 2. Click [Print & Scan] or [Printers & Scanners].
- 3. Select the printer you are using, and then click [Options & Supplies...].
- 4. Click [Driver] or [Options], and then configure settings as needed.
- 5. Click [OK].
- 6. Quit System Preferences.

#### Note

• If the option you want to select is not displayed, PPD files may not be set up correctly. To complete the setup, check the name of the PPD file displayed in the dialog box.

# 6. Appendix

# Updating or Deleting the Driver

#### 🔁 Important

- Administrator permission is required to update or delete the driver in use. Log on as an Administrators group member.
- For driver updates, select a driver that is compatible with the printer and driver type you are using. An error may result if you select a driver that is not compatible with the printer and driver type.

#### Vote

- If the [User Account Control] dialog box appears, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears, click [Install this driver software anyway].

### Updating the Driver

#### **Printer driver**

You can download the most recent version of the driver from the manufacturer's Web site. Download the latest driver, and then perform the following procedure.

#### 1. Open the printer window.

• Windows Server 2003:

On the [Start] menu, select [Printers and Faxes].

• Windows Vista, Windows Server 2008:

On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.

• Windows 7, Windows Server 2008 R2:

On the [Start] menu, select [Devices and Printers].

• Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

• Windows 10

Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

- 2. Open the printer properties dialog box.
  - Windows Vista, Windows Server 2003/2008:
     Right-click the machine's icon, and then click [Properties].
  - Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2: Right-click the machine's icon, and then click [Printer properties].
- 3. Click the [Advanced] tab.
- 4. Click [New Driver...], and then click [Next].
- 5. Click [Have Disk...].
- 6. Click [Browse...], and then select the driver location.
- 7. Click [OK].
- 8. Select the machine model, and then click [Next].
- 9. Click [Finish].

The driver update starts.

- 10. Click [OK] to close the printer properties window.
- 11. Restart the computer.

#### PPD files (OS X), TWAIN driver

You can download the most recent version of the drivers from the manufacturer's Web site.

Delete the old version of the driver first, and then install the new driver. For details about how to delete the driver, see page 36 "Deleting the Driver".

#### **Deleting the Driver**

#### **Printer driver**

#### Windows Server 2003/2003 R2

- 1. On the [Start] menu, click [Printers and Faxes].
- 2. Right-click the icon of the machine you want to delete, and then click [Delete].
- 3. Click [Server Properties] on the [File] menu.
- 4. Click the [Drivers] tab.
- 5. Select the driver you want to delete, and then click [Remove].
- 6. Click [Yes].
- 7. Click [Close] to close the print server properties window.

#### Windows Vista, Windows Server 2008

- 1. On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- 2. Right-click the icon of the machine you want to delete, and then click [Delete].
- 3. On the [File] menu, point to [Run as administrator], and then click [Server Properties...].
- 4. Click the [Drivers] tab.
- 5. Select the driver you want to delete, and then click [Remove...].
- 6. Select [Remove driver and driver package.], and then click [OK].
- 7. Click [Yes].
- 8. Click [Delete].
- 9. Click [OK].
- 10. Click [Close] to close the print server properties window.

#### Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2

1. On the [Start] menu, click [Devices and Printers].

If you are using a computer that is running Windows 8/8.1 or Windows Server 2012/2012 R2, click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

If you are using a computer that is running Windows 10, right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

- 2. Right-click the icon of the machine you want to delete, and then click [Remove device].
- 3. Click [Yes].
- 4. Click any machine icon, and then click [Print server properties].
- 5. Click the [Drivers] tab.
- 6. Click the [Change Driver Settings] button if it is displayed.
- 7. Select the driver you want to delete, and then click [Remove...].
- 8. Select [Remove driver and driver package.], and then click [OK].
- 9. Click [Yes].
- 10. Click [Delete].
- 11. Click [OK].
- 12. Click [Close] to close the print server properties window.

6

#### PPD files (OS X)

- 1. Start System Preferences.
- 2. Click [Print & Scan] or [Printers & Scanners].
- 3. Select the printer you want to delete, click the [-] button.
- 4. Click [Delete Printer].

#### **TWAIN driver**

- 1. Start uninstaller.
  - Windows Server 2003/2003 R2:

On the [Start] menu, select [Control Panel], and then click [Add or Remove Programs].

• Windows Vista/7, Windows Server 2008/2008 R2:

On the [Start] menu, select [Control Panel], and then click [Uninstall a program].

#### • Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [Uninstall a program].

#### Windows 10

Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [Uninstall a program].

#### 2. Remove the TWAIN driver.

- Windows Server 2003/2003 R2:
  - 1. Select the driver you want to delete.
  - 2. Click [Change/Remove].
- Windows Vista/7/8/8.1/10, Windows Server 2008/2008 R2 /2012/2012 R2:
  - 1. Select the driver you want to delete.
  - 2. Click [Uninstall/Change] or [Uninstall].
- 3. Quit uninstaller.

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