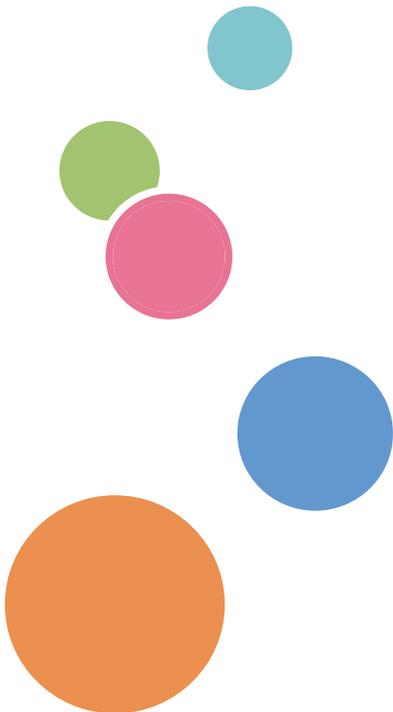




Installation Guide



This manual contains detailed instructions and notes on the operation and use of this product. For your safety and benefit, read this manual carefully before using the product.

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About this manual

This document explains the settings for installing RICOH Software RIP and preparing it for use.
This document explains the installation procedure using Windows 7 as an example.
Unless otherwise specified, use the same procedure for Windows XP, Windows Vista, Windows 8 and Windows 8.1.

Notations

Menu items are enclosed in quotation marks like [Full Color].
Buttons in dialog box are framed like .
Refer to this manual by replacing the printer name with the product name that you use.

Symbol



Indicates a caution you must observe when operating the product.



Describes a useful procedure.



Shows the number of the page that has related contents.

About other instruction manuals

Other instruction manuals of RICOH Software RIP are provided as electronic data in the PDF format in the method below:

- Manual CD attached with RICOH Software RIP product

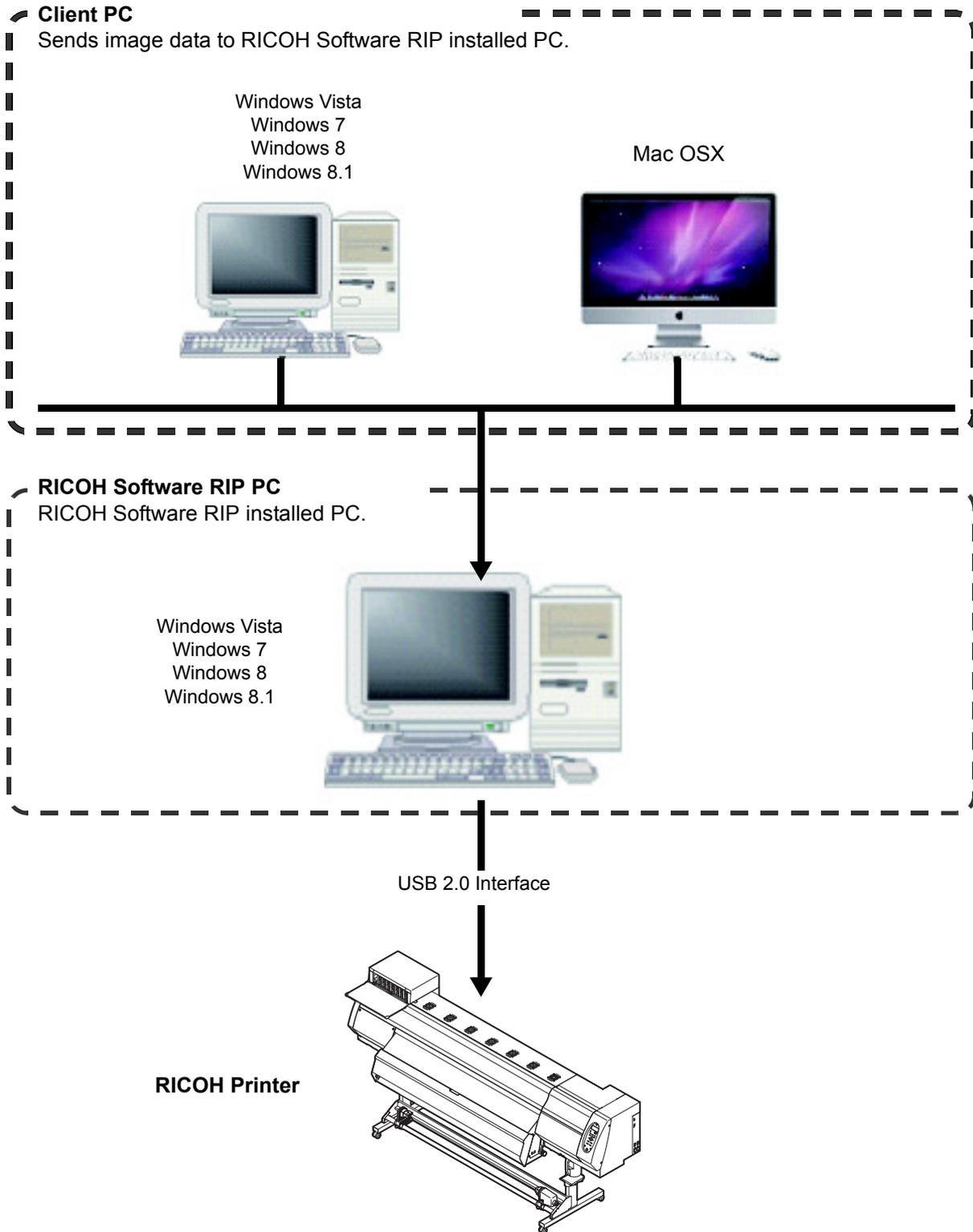
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About RICOH Software RIP

Thank you very much for purchasing our product.

RICOH Software RIP is application software that receives various image data and sends image data to be drawn to the inkjet printer manufactured by RICOH.



RICOH Software RIP specifications

Supported printers

RICOH Software RIP is intended for use with RICOH Pro L4130/L4160 ink jet printers.
Up to 4 printers can be connected at the same time.

Input/Output data

Input data	PostScript (PS file), EPS, TIFF, JPEG, BMP, PDF (PDF 1.5 or later is not allowed ^{*1}) AI files are not supported. Alpha channel can not be used with TIFF data.
Design application	Adobe Illustrator 8, 9, 10, CS, CS2, CS3, CS4, CS5, CS6 Adobe Photoshop 5, 6, 7, CS, CS2, CS3, CS4, CS5, CS6 CorelDRAW 11,12,X3,X4,X5,X6
PostScript Font	Standard 68 alphanumeric fonts Adding fonts are not allowed.
Maximum spool processible image size	Width : 10871 mm (428 inch) Length : 10871 mm (428 inch)
Maximum spool processible file size	2GB
Maximum RIP processible image size	Width : 60 meters Length : 100 meters <div style="border: 1px solid black; padding: 5px;"> <p>(NOTE !)</p> <ul style="list-style-type: none"> Some output data even within above sizes may not be ripped, depending on the kind of data. In this case, change the data or divide the data by application software for printing. When using special color ink (white ink etc.), the maximum width may be limited depending on the resolution. Check "Maximum drawing range" described in the instruction manual of the printer you use. </div>

*1. The PDF version and Acrobat version are as follows.

PDF 1.3 ——— Acrobat 4

PDF 1.4 ——— Acrobat 5

PDF 1.5 ——— Acrobat 6

PDF files saved with Illustrator are not supported.

System requirements

Installing PC for RICOH Software RIP

The following conditions are required to install RICOH Software RIP.

OS	Microsoft® Windows Vista® Home Premium Service Pack2 or later (32-bit/64-bit) Microsoft® Windows Vista® Business Service Pack2 or later (32-bit/64-bit) Microsoft® Windows Vista® Ultimate Service Pack2 or later (32-bit/64-bit) Microsoft® Windows Vista® Enterprise Service Pack2 or later (32-bit/64-bit) Microsoft® Windows 7® Professional Service Pack1 or later (32-bit/64-bit) Microsoft® Windows 7® Ultimate Service Pack1 or later (32-bit/64-bit) Microsoft® Windows 7® Enterprise Service Pack1 or later (32-bit/64-bit) Microsoft® Windows 8® (32-bit/64-bit) Microsoft® Windows 8® Pro (32-bit/64-bit) Microsoft® Windows 8® Enterprise (32-bit/64-bit) Microsoft® Windows 8.1® (32-bit/64-bit) Microsoft® Windows 8.1® Pro (32-bit/64-bit) Microsoft® Windows 8.1® Enterprise (32-bit/64-bit)
CPU	Intel® Core2 Duo 1.8 GHz or more* ¹
Chip set	Intel® chips set * ¹
Memory	2GB or more
HDD	160GB (500GB or higher recommended) (NTFS format)
Interface	USB1.1/2.0

*1. For CPU or chip set, use the products made by Intel. If not using it, an error may occur during printing and the printer may stop printing.

Client PC

The PC that can be used as a client is as follows.

However, some client PCs cannot be connected or can be connected but its function is limited depending on the OS of RICOH Software RIP PC. For details of connection with the client PC, refer to [Network Connection Guide] in the manual CD.

● Operating System for Windows client PC

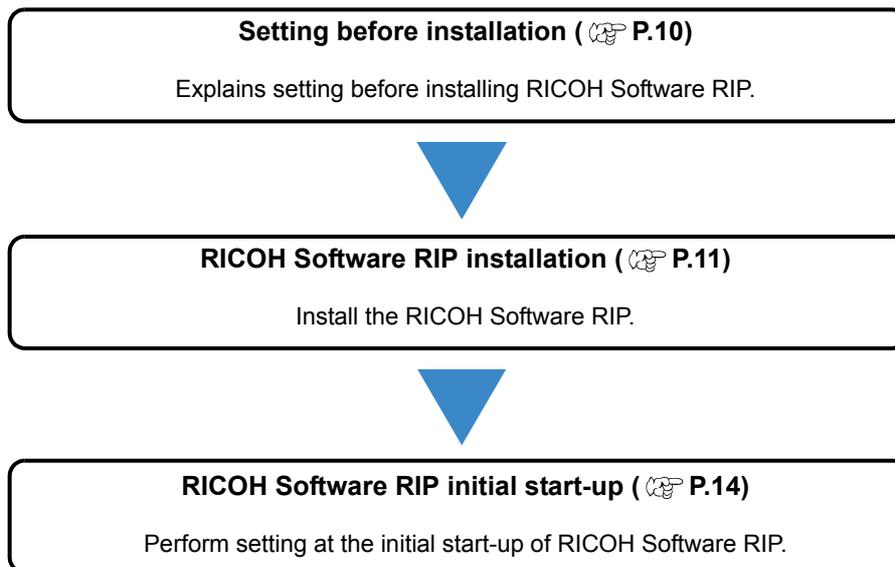
Windows Vista Home Premium Service Pack2 or later (32-bit/64-bit), Windows Vista Business Service Pack2 or later (32-bit/64-bit), Windows Vista Ultimate Service Pack2 or later (32-bit/64-bit), Windows Vista Enterprise Service Pack2 or later (32-bit/64-bit), Windows 7 Home Premium (32-bit/64-bit), Windows 7 Professional (32-bit/64-bit), Windows 7 Ultimate (32-bit/64-bit), Windows8 (32-bit/64-bit), Windows8 Pro (32-bit/64-bit), Windows8 Enterprise (32-bit/64-bit), Windows8.1 (32-bit/64-bit), Windows8.1 Pro (32-bit/64-bit), Windows8.1 Enterprise (32-bit/64-bit)

● Operating System for Macintosh client PC

Mac OSX 10.3.9 to 10.9

RICOH Software RIP Setup

This is the explanation about necessary settings and the procedure of installation for operating RICOH Software RIP properly.



Setting before installation

Perform the following operations before installing RICOH Software RIP.

1 Check the Automatic Updates setting of Windows Update.

- If you select "Automatic" on the [Automatic updates] of Windows Update, automatically update program may be installed at the set times and the PC may be restarted. Once the PC is restarted when RICOH Software RIP is running, you can never start RICOH Software RIP.
- Change the update settings for Windows Update to "Download updates for me, but let me choose when to install them.". Perform settings from the following location.

Windows Vista

[Control Panel]-[Security]-[Windows Update]-[Turn automatic updating on or off]

Windows7/Windows8/Windows8.1

[Control Panel]-[System and Security]-[WindowsUpdate]-[Turn automatic updating on or off]

2 Turn off the sleep settings.

- If settings are enabled to automatically put the PC to sleep (hibernation), the PC may go to sleep even while RICOH Software RIP is performing processing. In this situation, processing and output will stop, and in the worst scenario, the RICOH Software RIP system may be damaged. Set the PC so that it does not sleep.

Perform settings in the following location.

Windows Vista

[Control Panel]-[System and Maintenance]-[Power Options]-[Change when the computer sleeps]

Set [Put the computer to sleep] to "Never".

Windows7/Windows8/Windows8.1

[Control Panel]-[System and Security]-[Power Option]-[Change when the computer sleeps]

Set [Put the computer to sleep] to "Never".

3 Set data receiving from the client PC.

- When you receive data from the client PC, the setting is required. For details, refer to "Setting of RICOH Software RIP PC" in the "Network Connection Guide" in the manual CD.
-

4 Install RICOH driver.

- Install the RICOH driver from the driver CD included with the printer.
-

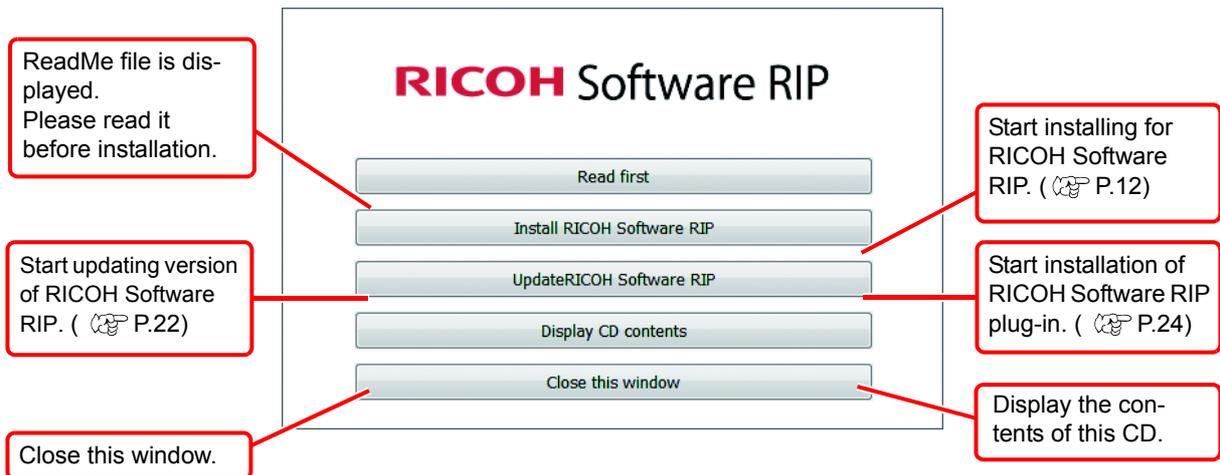
Install the RICOH Software RIP

NOTE!

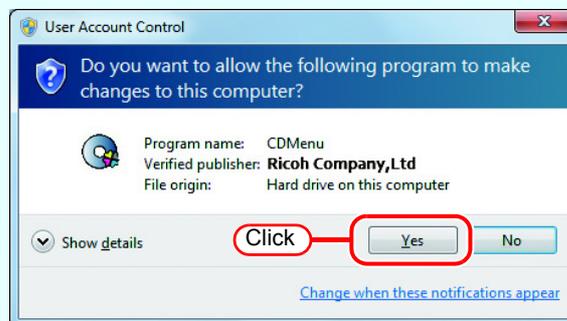
- Installing RICOH Software RIP requires Administrator authority.

Insert the installation CD-ROM of RICOH Software RIP into the CD drive, and the RICOH Software RIP installation menu starts automatically.

In case the RICOH Software RIP installation menu does not start automatically, double-click "CDMenu.exe" in the CD-ROM.



- If the user account control screen is displayed before the installation menu starts, click and display the installation screen.

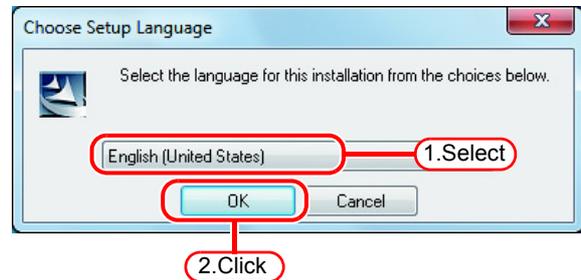


Install the RICOH Software RIP

1 Click in the RICOH Software RIP installation menu.

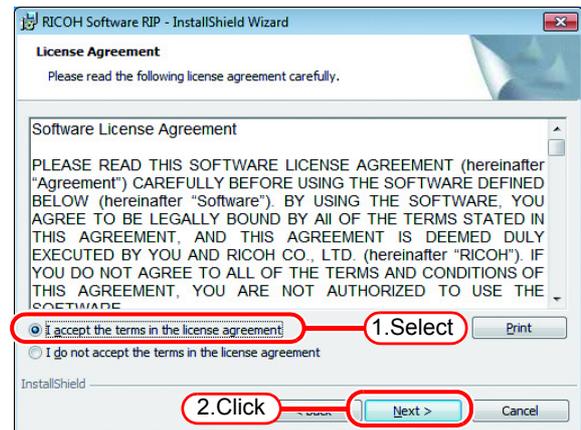
2 The “Choose Setup Language” dialog box appears.

- Select the language you display at installation and click .



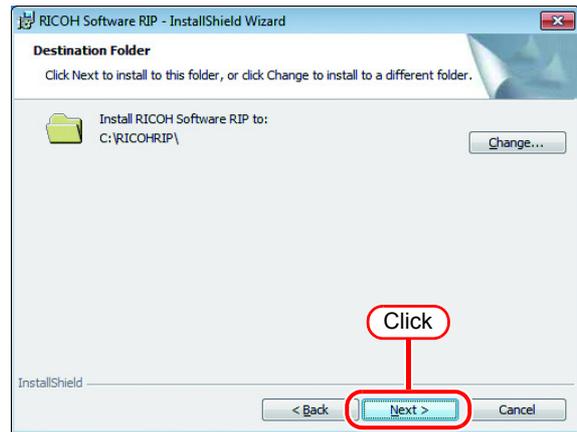
3 Click .

4 Select “I accept the terms in the license agreement.” and click .



5 Specify a destination for the installation and click .

- Specify a drive with sufficient spare capacity.



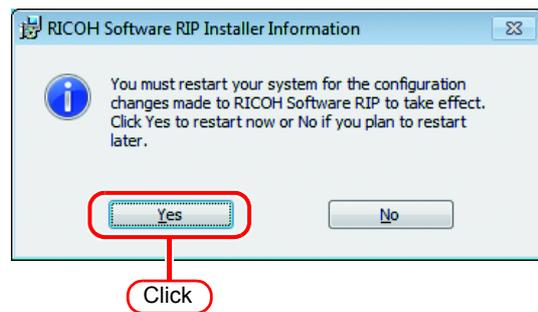
6 Click .

- The RICOH Software RIP files are copied to the installation destination.

7 RICOH Software RIP installation finishes. Click .

8 Restart the PC.

- Click to restart.

**(NOTE!)**

After installing RICOH Software RIP, never do the following.

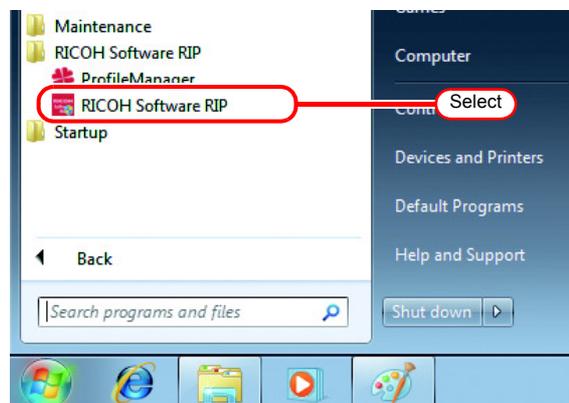
- Changing or deleting all the names of folder or file in the RICOH Software RIP installed folder.

RICOH Software RIP initial start-up

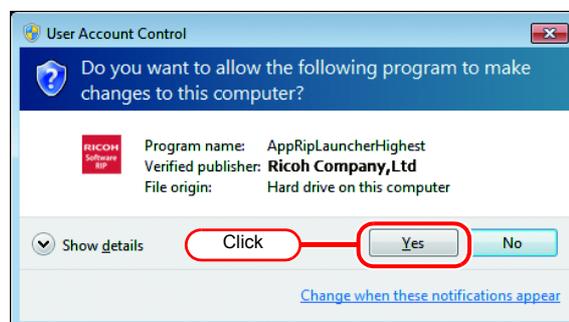
For Windows Vista/Windows 7

1 Select [RICOH Software RIP];[Start] - [All Programs] - [RICOH Software RIP] menu.

- Or double-click the “RICOH Software RIP” icon on the desktop.



2 User Account Control screen is displayed.



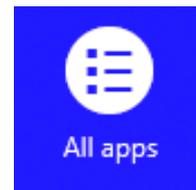
3 Click .

4 RICOH Software RIP starts.

For Windows 8

1 Right-click on the Start screen.

- On the bottom-right side of the screen, the [All apps] icon is displayed. Click it.

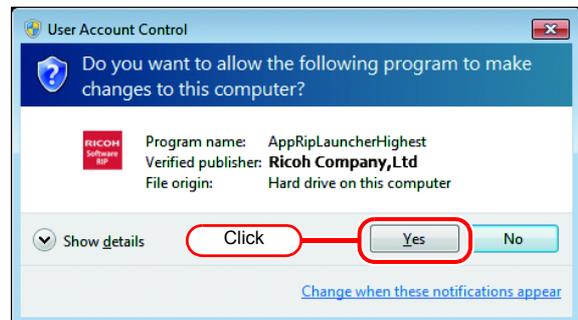


2 The screen changes to the application screen.

- Click [RICOH Software RIP].
- Or, double-click the [RICOH Software RIP] icon on the desktop.



3 User Account Control screen is displayed.



4 Click .

5 RICOH Software RIP starts.

For Windows 8.1

1 Right-click on the Start screen.

- On the bottom-right side of the screen, the [All apps] icon is displayed. Click it.

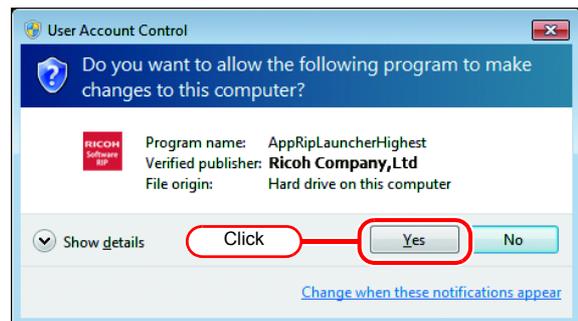


2 The screen changes to the application screen.

- Click [RICOH Software RIP].
- Or, double-click the [RICOH Software RIP] icon on the desktop.



3 User Account Control screen is displayed.



4 Click .



If the security center symbol (shield) is displayed

- If the security center symbol (shield) is displayed, in order for a file to be executed, display the User Account Control screen and make sure that file execution is permitted.



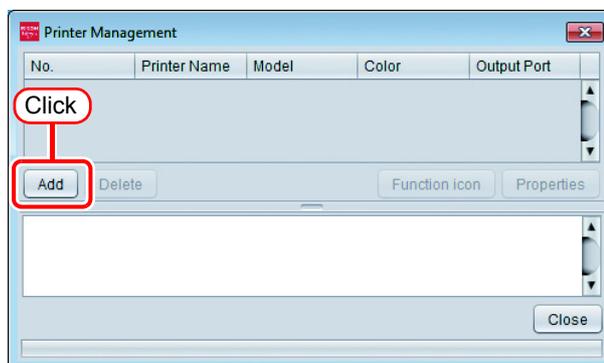
5 RICOH Software RIP starts.

Registering printer

Right after installing RICOH Software RIP, no printer has been registered. Register the printer to use from the [Printer Management] function.

1 Turn on the printer, and check that the RICOH Software RIP PC and printer are connected with a USB 2.0 cable.

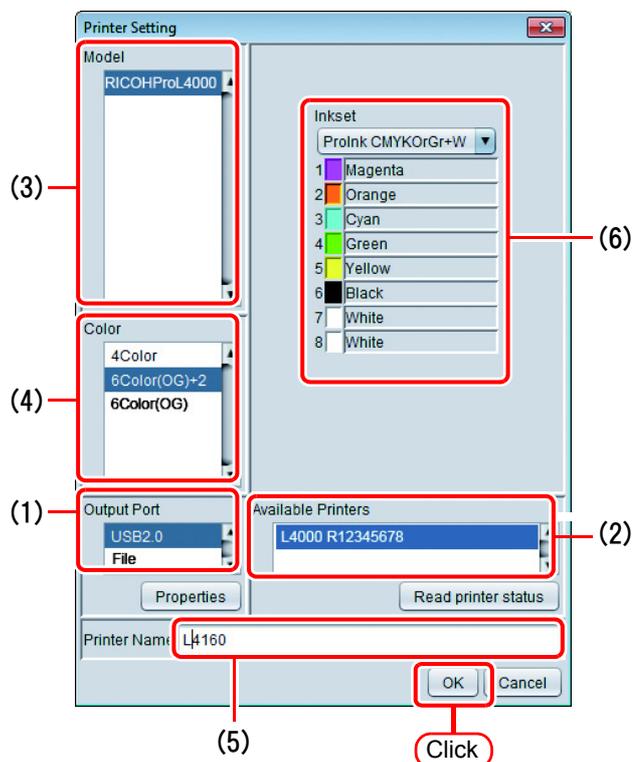
2 If you start RICOH Software RIP without registering any printer, the [Printer Management] screen is displayed. Click on the screen.



3 Set items in the following order to match the connected printer.

- (1) Output Port
Select "USB2.0".
- (2) Available Printers
A list of our printers currently connected to the PC is displayed. Select the printer you want to register.

- The displayed names vary by printer. The printer's serial number or the "MACHINE NAME" set in the panel is displayed.
- If the connected printer is not displayed, click the [Read printer status] button.
- If it is still not displayed, check the following.
 - * Are the PC and printer connected?
 - * Is the printer's power on?
 - * Is the RICOH driver installed?
(☎ P.10)

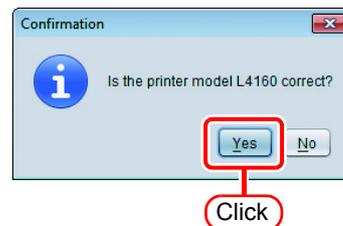


- (3) Model
Select the connected printer.
- (4) Color
Designate the number of colors equipped in the printer. For printers with only one color setting, nothing is displayed in the list.
There are color settings like the following.
4Color : Equipped with CMYK only.
6Color(OG) : Equipped with CMYKOrGr Only.
6Color(OG)+2 : Equipped with 2 spot colors in addition to CMYKOrGr.
Some printers have color settings other than those listed above. Check the printer's operation manual and the settings from installation before specifying this item.
- (5) Printer Name
This is the printer name displayed on the main window. If registering multiple devices, input names that you can tell apart.
- (6) Information regarding Inkset is automatically acquired from the printer and selected.

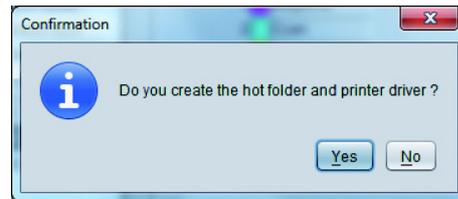
4 Click .

NOTE! • If the device profile supporting the selected printer/ color/ ink set has not been installed, you cannot register the printer. Install the profile (☞ P.23).

5 Click on the confirmation screen.



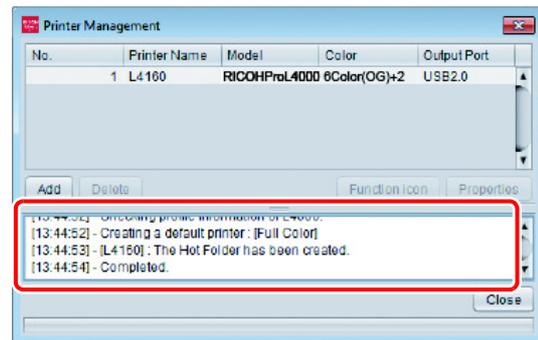
6 The message, [Do you create the hot folder and printer driver ?] is displayed. When you create a hot folder and the printer driver for the registered printer, click .



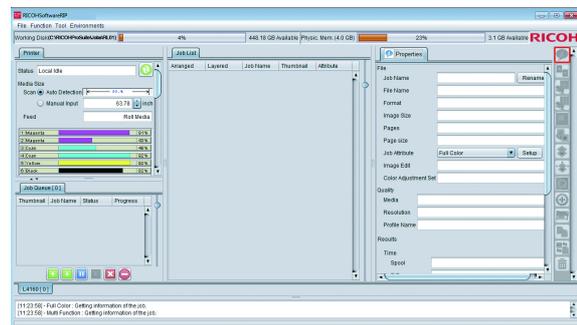
NOTE!

- Even if you do not create a hot folder and the printer driver by selecting , you can create them later.
For the hot folder and the printer driver, refer to the Reference Guide and the Network Connection Guide.

- When the addition processing has been completed, [Completed.] is displayed on the information display column.
Click .



7 The main window of RICOH Software RIP is displayed.



Function Enhancement of RICOH Software RIP

Version upgrade of RICOH Software RIP (👉 P.22)

Perform version upgrade of RICOH Software RIP.

Profile installation (👉 P.23)

Install the profile to RICOH Software RIP additionally.

Version upgrade of RICOH Software RIP

Use the following method to perform a version upgrade.

Version upgrade using CD

1 Mount the installation CD for RICOH Software RIP whose version is newer than the currently installed one onto the PC.

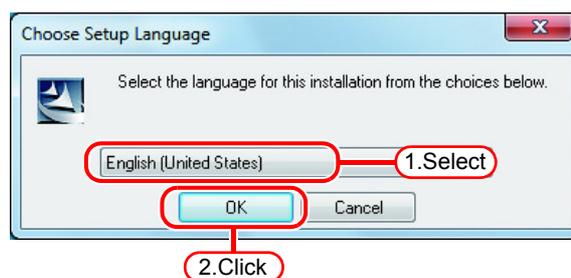
- The RICOH Software RIP installation menu automatically starts.

(NOTE!) • Updating to an older version cannot be executed.

2 Click of RICOH Software RIP installation menu.

3 The “Choose Setup Language” dialog box appears.

- Select a setup language, and click .



4 Click .

5 Click .

- Update starts.

6 RICOH Software RIP update finishes. Click .

7 Restart the PC.

- Click to restart.



Profile installation

To start RICOH Software RIP, it is necessary to install all profiles below at least one each:

- Device profile for the printer/ number of colors/ ink set that you use
- Input RGB profile
- Input CMYK profile

The device profile is required at least one each for the printer/ number of colors that the printer uses/ ink set.



- For details of the profile, refer to the Reference Guide.

Profile Manager

The Profile Manager is a tool to install/ uninstall the device profile and the input profile. You can install the provided profile from below:

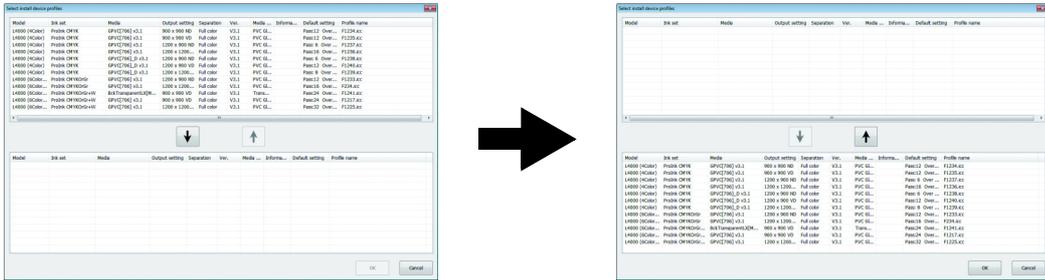
- **[Device profile]**
Profile CD attached with the product
- **[Input profile]**
Profile CD attached with the product
Common ICC profile (e.g.: Japan Color)

Starting profile manager

- **For Windows Vista/7**
Start it from [Start] - [All programs] - [RICOH Software RIP] - [Profile Manager].
- **For Windows8**
On the Start screen, click the [All apps] button, then select [RICOH Software RIP] - [Profile Manager].
- **For Windows 8.1**
Click the arrow icon in the bottom left of the Start screen, and select [RICOH Software RIP], - [Profile Update].

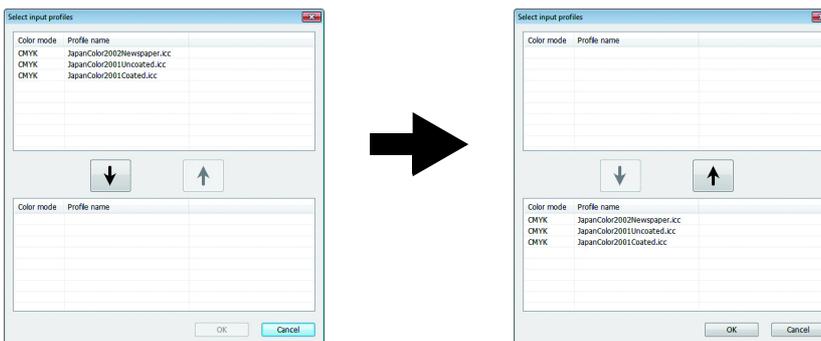
Installing the Device Profile

- 1 Select [Install device profiles] from the [File] menu.
 - Or, click  from the tool bar.
- 2 Select the folder of the device profiles to be installed, and click .
- 3 The list of device profiles in the selected folder is displayed in the upper column. Select a profile to install and click .
 - Click .



Installing the Input Profiles

- 1 Select the [Install input profiles].
 - Or, click  from the tool bar.
- 2 Select the folder of the input profiles to be installed, and click .
- 3 The list of input profiles in the selected folder is displayed in the upper column. Select a profile to install and click .
 - Click .



Uninstall RICOH Software RIP

This section explains how to uninstall the RICOH Software RIP.

RICOH Software RIP Uninstallation (👉 P.26)

Uninstall the RICOH Software RIP.

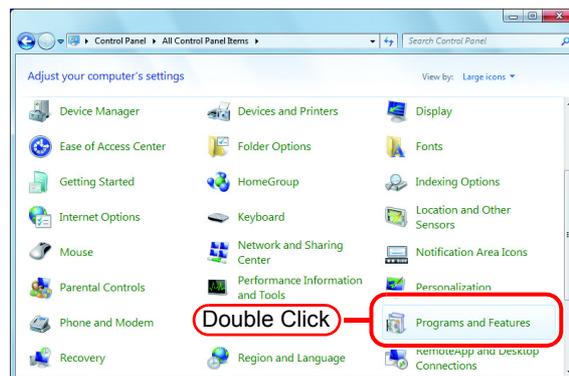
Uninstall RICOH Software RIP

NOTE!

- All RICOH Software RIP setting is deleted when it is uninstalled.
- Before starting uninstalling, check the following items.
 - (1) RICOH Software RIP is not running.
 - (2) The RICOH Software RIP hot folder is not open.
 - (3) The RICOH Software RIP printer is not being used.
- The RICOH Software RIP hot folder and printer is not being mounted from Macintosh clients with a Macintosh network connection tool (such as PC MACLAN and SMB).

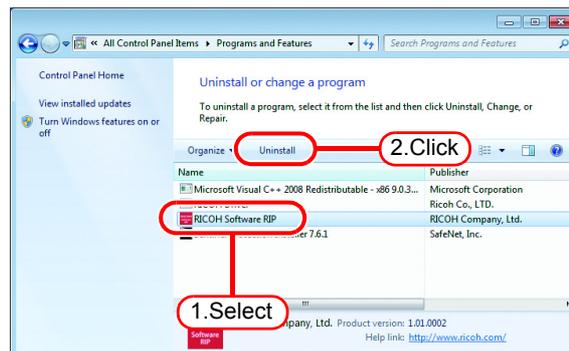
1 Double click “Programs and Features” in [Control Panel].

- Double-click “Add and Remove Programs”, depending on the OS of the RICOH Software RIP-installed PC.
- The [Programs and Features] window opens.



2 From the “Currently installed programs:” list, select “RICOH Software RIP”.

- Click **Uninstall**.
- Click **Remove** depending on the OS of the RICOH Software RIP-installed PC.
- The “Programs and Features” confirmation dialog box opens.



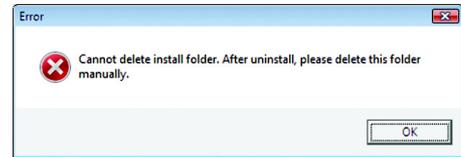
3 Uninstallation starts.

Click .



NOTE!

- The right message may be displayed during un-installation. In this case, delete the installation folder manually after un-installation.



4 The right dialog is displayed after a completion of un-installation.

- Click and restart.



NOTE!

- Make sure the following folders are not remained when you wish to reinstall after un-installation of the RICOH Software RIP.
 - (1) Previous installation folder
 - (2) Previous work folder
 When the above two folders are still remained, delete them before you start reinstallation. The RICOH Software RIP may not start normally, if you do not delete the folders.

Memo

Memo

Memo

