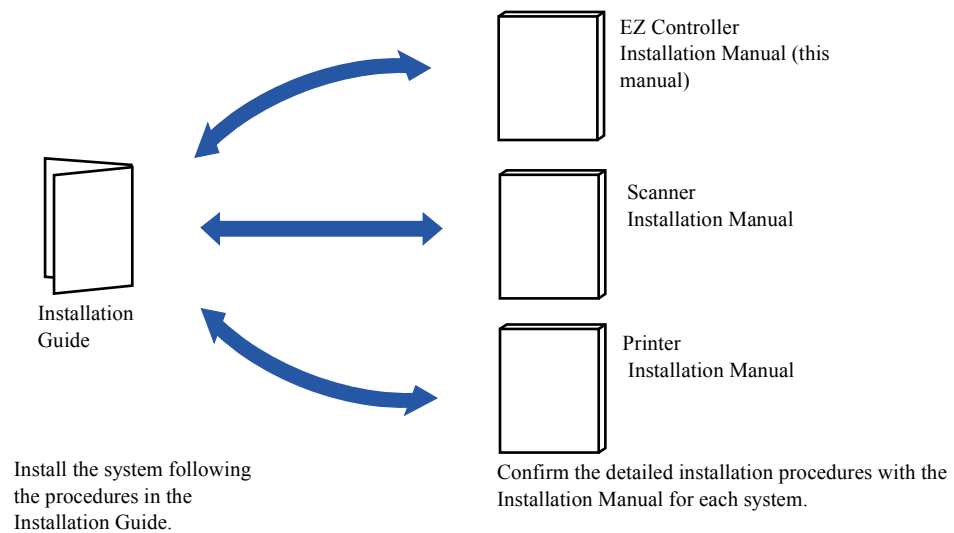


EZ Controller

Installation Manual

For installing, follow the procedure of the Installation Guide.
This manual explains about details of each installation procedure.
For details about installing a scanner or printer, see each Installation Manual.



Preface

We greatly appreciate your purchase of this product.

Before using this product, read the manual carefully, and make sure that you understand the procedure described. Be sure to store the paper manual near the product so it can be referred to immediately should you have questions about operation or should any problems arise.

If you should lose or heavily damage the manual, contact your place of purchase.

-
-
- It is prohibited to copy or reproduce this manual.
 - The manual is subject to change without notice.
 - Illustrations in the manual may vary depending on the model or manufacturing lot.
 - Should you find any unclear points or errors, or should you have any comments for the manual, please contact your place of purchase.
 - If there is a missing page or incorrect pagination in this manual, please contact your place of purchase to receive a replacement.
-
-

Description of warnings (signal words)

- Signal words identify the level of injuries that can potentially occur.
- The signal words used in this manual and found on labels, **DANGER**, **WARNING** and **CAUTION**, are assigned according to the level of potential risk.
- Warning labels are located at or near the part of the system that poses the indicated danger. Ignoring a warning may cause death or serious injury, or system malfunction. Be sure to follow the indications in the manuals and on the warning labels.
- The warnings include a signal word, the type and extent of the danger, and information on avoiding the danger.
- Carefully read and understand the warnings included in this manual and on the warning labels before operating the system.

DANGER

This indicates situations that if not immediately avoided could result in serious injury or death.

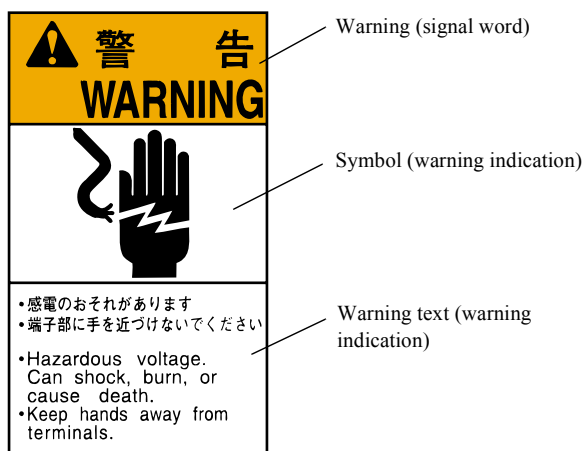
WARNING

This indicates situations that if not avoided could result in serious injury or death.

CAUTION

This indicates situations that if not avoided could result in non-life threatening injury. It is also used to indicate situations which may cause damage to physical property.

Example of warning label

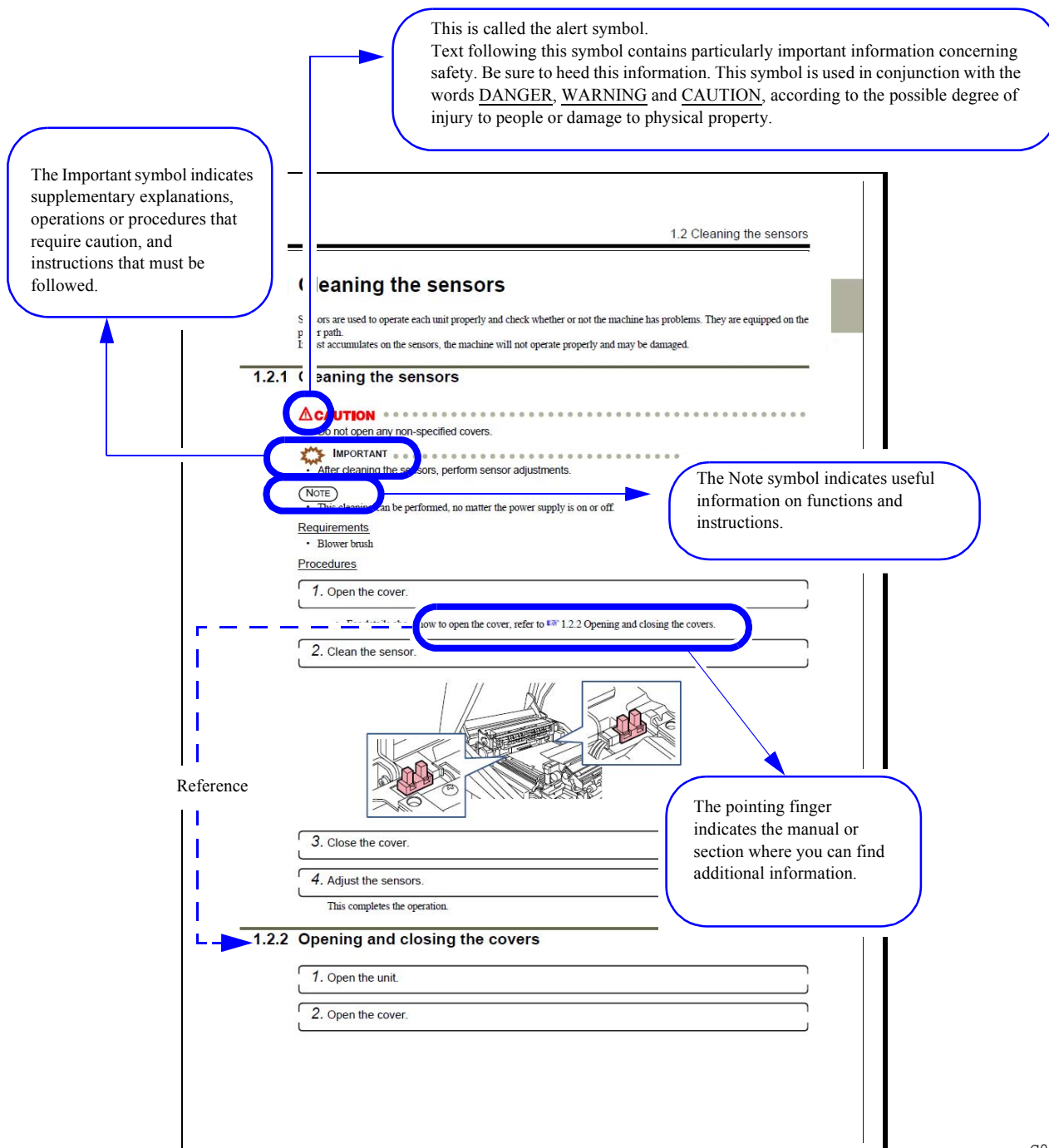


SIGNALWORD

Symbols used in this manual

This section explains the definitions of the symbols used in this manual.

The symbols shown below are used in this manual. Confirm the meaning of each of them before reading the manual.



G068176

TABLE OF CONTENTS

Preface	
Description of warnings (signal words)	ii
Symbols used in this manual	iii
1 Before installation.....	1
1.1 Outline of connecting devices	1
1.2 Required items.....	1
2 Confirming the components	2
3 Installing the operation PC.....	3
4 Configuring the monitor display.....	5
5 Setting up the operation PC	14
5.1 Confirming the setup contents and setting up the PC	14
5.2 Settings of region and language	15
5.3 Settings of Time Zone, Date and Time	27
5.4 Configuring power options.....	31
5.5 Configuring the virtual memory.....	34
5.6 Configuring the Transfer Mode.....	37
5.7 Turning off Autoplay of media drives.....	41
5.8 Configuring the taskbar settings.....	43
5.9 Turning off the hotkey function (shortcut key function) on the resident application	44
5.10 Configuring the User Account Control setting.....	44
5.11 Configuring the sidebar setting	48
5.12 Turning off the Windows automatic update function.....	48
5.13 Automatic logon when turning on the power supply of the PC	51
6 Installing the EZ Controller Software (only for the PC prepared by the customer)	53
6.1 Installation procedure	53
6.2 Installing Windows Installer 3.1	55
6.3 Installing Microsoft Visual C++ 2005 SP1 Redistributable.....	56
6.4 Installing Microsoft .NET Framework Version 3.0	57
6.5 Installing the PostgreSQL8.1	59
6.6 Installing MSXML 4.0 SP2 Parser and SDK	60
6.7 Installing MSXML 6.0 Parser	63
6.8 Installing Sentinel Protection Installer 7.6.1	65
6.9 Installing the EZ Controller.....	68
6.10 Installing the EZ Controller ImgDataProc Additional Software.....	69
6.11 Installing the System Capture.....	70
6.12 Configuring LAN Manager authentication level.....	73
6.13 Language setting.....	76
6.14 Installation and setup of antivirus software.....	78
6.15 If failed to install the software.....	90
7 Network settings.....	98
7.1 Connection example for printers and operation PC(s)	98
7.2 Configuring IP address and subnet mask	98
7.3 Confirming connection between the printer and operation PC	101
7.4 Turning on network discovery.....	102

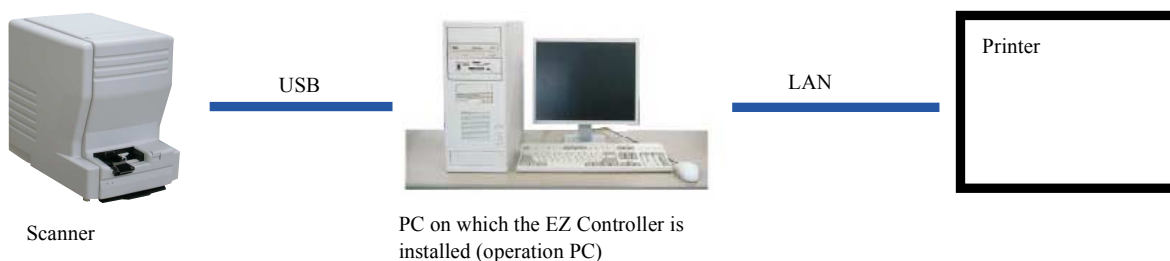
7.5	Turning on file sharing.....	104
8	Settings (If installing the EZ Controller, scanner and printer.).....	106
8.1	Installing CD Viewer Utility	106
8.2	System setup.....	108
8.3	Registering input media.....	110
8.3.1	Confirming the drive assignment of storage media.....	110
8.4	Registering output media service	117
8.5	Registering the connected printer.....	122
8.6	Creating print channels.....	126
8.6.1	Paper settings.....	129
8.6.2	Print Setting tab.....	131
8.6.3	Image Quality Setting tab.....	134
8.6.4	Index Print Setting tab.....	134
8.6.5	Output Media Setting tab	135
8.6.6	Print Menu Setting tab.....	135
8.7	Configuring monitor profile	136
8.8	Configuring of temporary image save location and image save capacity settings.....	137
9	How to view the EZ Controller Operator's Manual	139

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1 Before installation

1.1 Outline of connecting devices

Example:


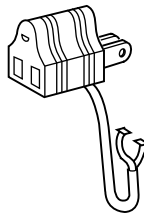

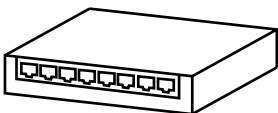



G088111

1.2 Required items

The following items are required.

Confirm that the following items are prepared before you start working.

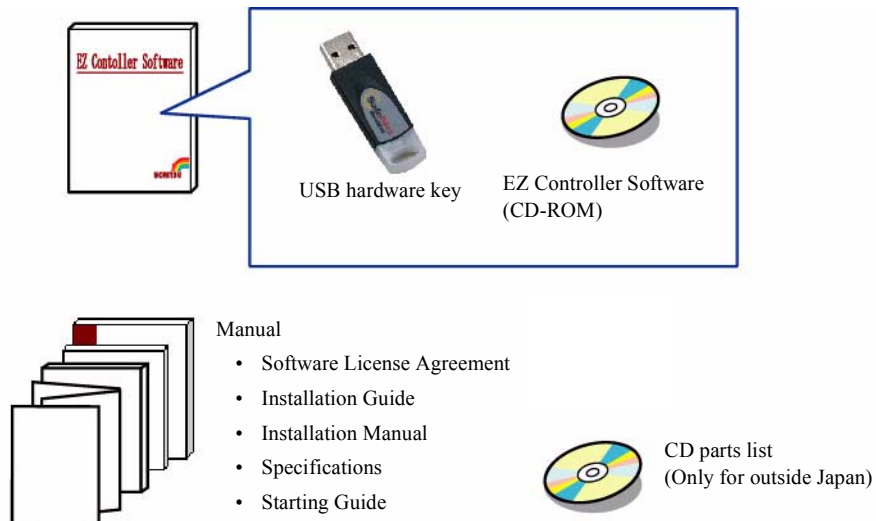
Requirement	
	Power cord <ul style="list-style-type: none"> Power code is supplied in Japan and North America. For other countries, prepare the power code which matches the following specification. <ul style="list-style-type: none"> Input voltage: 250 V (220 V-240 V) and rating capacity of 6 A or more Plug type: acceptable one in each country Cable type: one of the following type and 19 AWG (0.75 mm²) or more <ul style="list-style-type: none"> 20195 SJT SVT UL/CSA/VDE-approved products
	Grounding adaptor The power cable connector of a operation PC purchased from Noritsu has a ground terminal. If the power receptacle does not have a ground terminal, prepare a grounding adaptor. Prepare the grounding adaptor depending on the power cable if using the operation PC prepared by customers.
	LAN cable Used for connecting the printer. The cross cable is necessary for connecting the EZ Controller to one printer. The straight cable is necessary for connecting more than one printer using a HUB.
	Hub Used for connecting printers to EZ Controllers.

Next, go to  2 Confirming the components.

2 Confirming the components

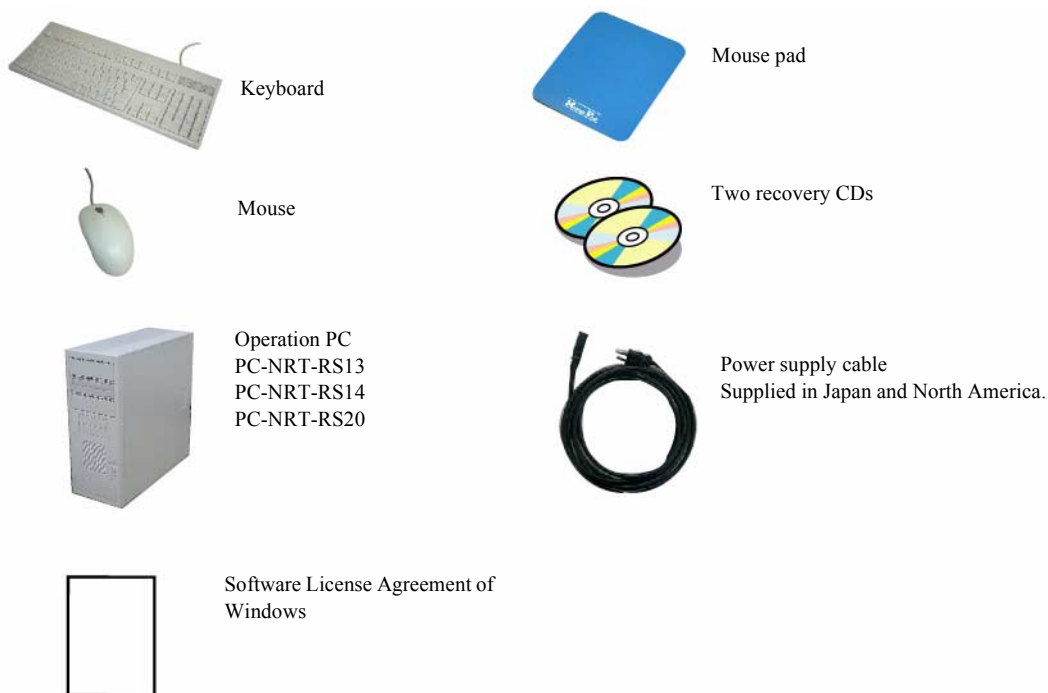
Confirm that all the following items are supplied.

Components of the EZ Controller



G088394

If you purchased the operation PC together with the EZ Controller, also confirm that the following items are supplied.



G088394

■ Next, go to • • •

Go to **Step 2** in the **Installation Procedure**.

3 Installing the operation PC

1. Install the operation PC on which the EZ Controller is to be installed.

If installing the EZ Controller on an operation PC purchased from Noritsu, carefully unpack the operation PC, and then install it.



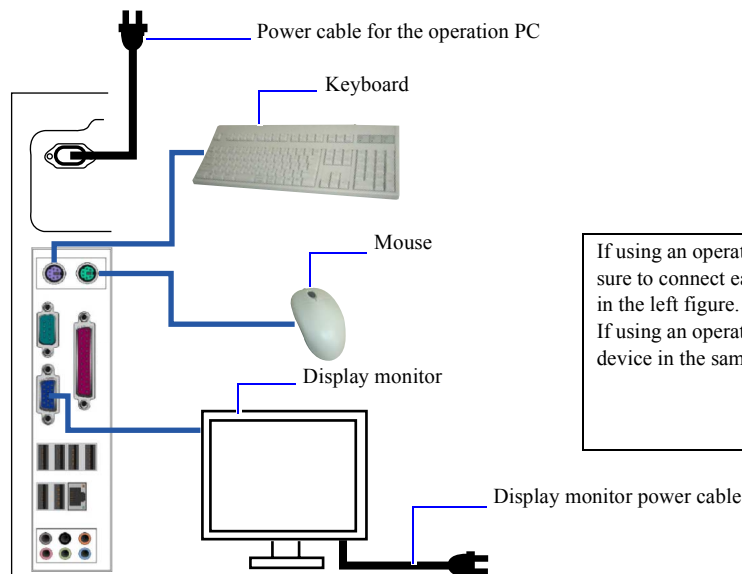
IMPORTANT

- Do not install the operation PC in a dusty or shaky place.
Do not directly install on the floor or the place near the floor. Dust on the floor or the place near the floor may damage the PC. Install the PC on a table or the similar mount.

2. Connect a mouse, keyboard and display monitor.

If using an operation PC purchased from Noritsu, the mouse and keyboard are separately packed in the package. For details about the display monitor, see the Operator's Manual enclosed with the display monitor.

Viewed from the back of operation PC purchased from Noritsu



If using an operation PC purchased from Noritsu, be sure to connect each device to the connectors shown in the left figure.
If using an operation PC you prepared, connect each device in the same way.

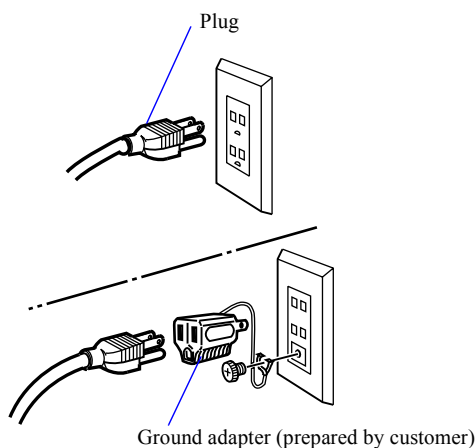
G089523



IMPORTANT

- Use the receptacle with ground terminal for the power supply cable to ground the wire.
- If grounding adapter is used, ground the ground wire from the grounding adapter.

Example:



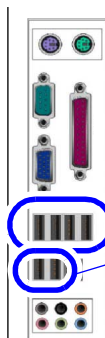
G088730

3. If using an operation PC purchased from Noritsu, connect the supplied USB hardware key to the USB port of the PC.

**IMPORTANT**

- If using a PC you prepared, do not connect the USB hardware key. Connect it when installing the EZ Controller. Do not connect it until the instruction is given in this manual.

Viewed from the back



USB ports
You can connect it to any USB port.

G088112

This completes installing the operation PC.

■ **Next, go to • • •**

Go to **Step 3** in the **Installation Procedure**.

4 Configuring the monitor display

● For Windows XP

1. Start up the operation PC.

Turn on the power of the display monitor.

2. Right-click on the desktop, and select **Properties**.

The **Display Properties** display is shown.

3. Select the **Settings** tab to configure the resolution setting and color setting of the monitor display.

Configure the resolution and color settings of the display monitor as shown below.

- Screen resolution
Match the resolution to the recommended resolution of the monitor.

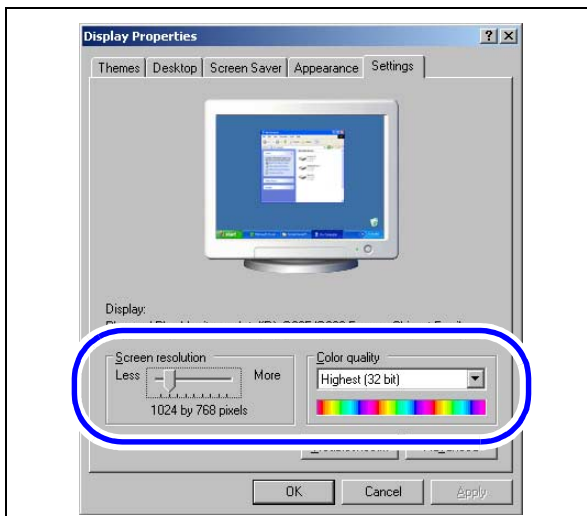


IMPORTANT

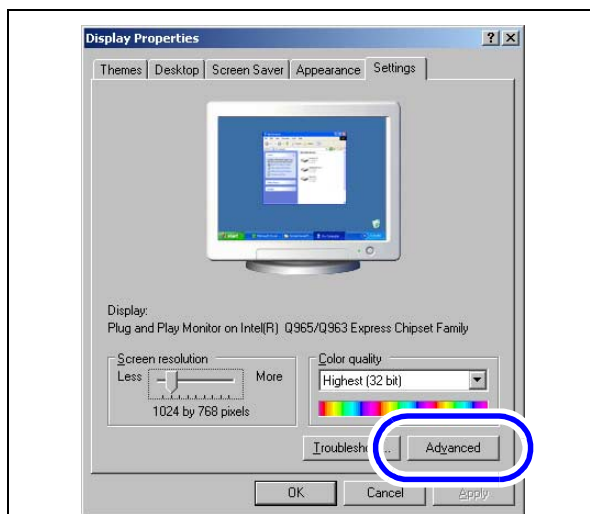
- Confirm the recommended resolution in the Operator's Manual of the monitor.

Example:

- If the recommended resolution is 1024×768: 1024 by 768 pixels
- If the recommended resolution is 1280×1024: 1280 by 1024 pixels
- Color quality
Highest (32 bit)

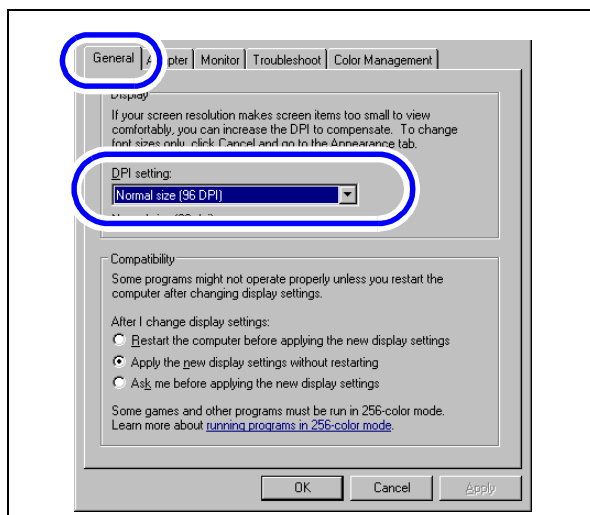


4. Click **Advanced**.

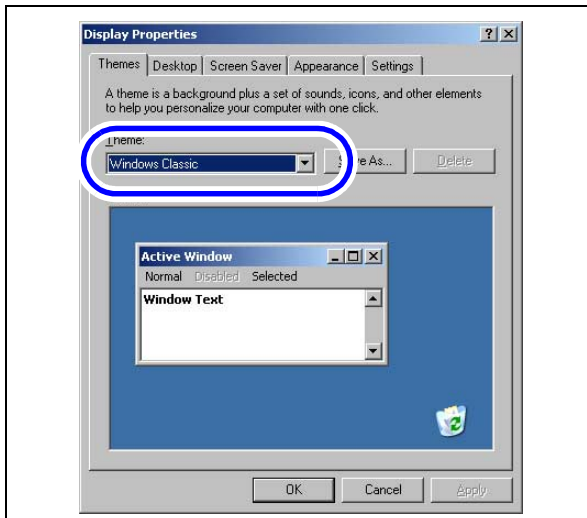


The advanced settings display is shown.

5. Set **DPI setting** to **Normal size (96 DPI)** in the **General** tab, and click **OK** to close the display.



- When the **Display Properties** display is shown again, select the **Themes** tab and set **Theme** to **Windows Classic**.



- Click **OK**.

- If you have changed the **DPI setting** in Step 5, restart the operation PC.

This completes the procedure to configure the monitor settings.

■ Next, go to • • •

Go to **Step 4** in the **Installation Procedure**.

● For Windows Vista

- Start up the operation PC.

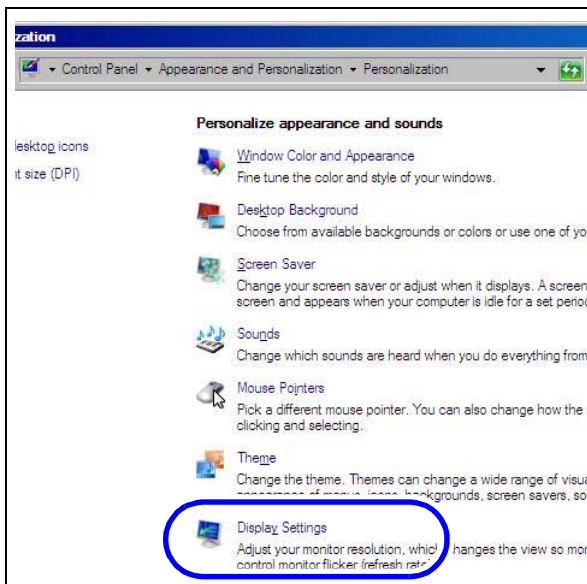
Turn on the power of the display monitor.

- Open the **Personalization** display.

Bringing up the display

Start → Control Panel → Appearance and Personalization → Personalization

3. Click **Display Settings**.



4. Configure the resolution setting and color setting of the monitor display.

Configure the resolution and color settings of the display monitor as shown below.

- Screen resolution
Match the resolution to the recommended resolution of the monitor.

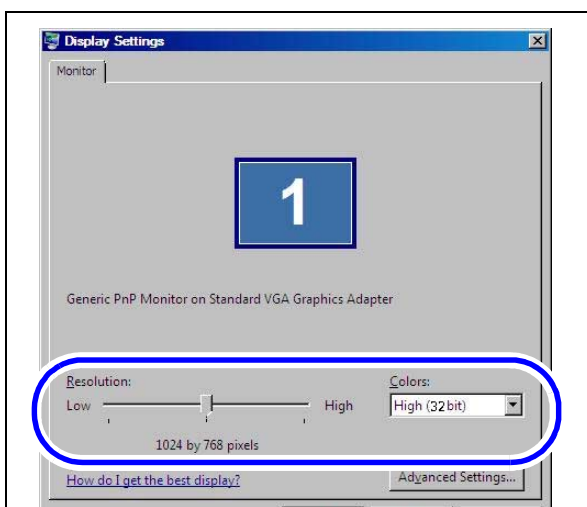


IMPORTANT

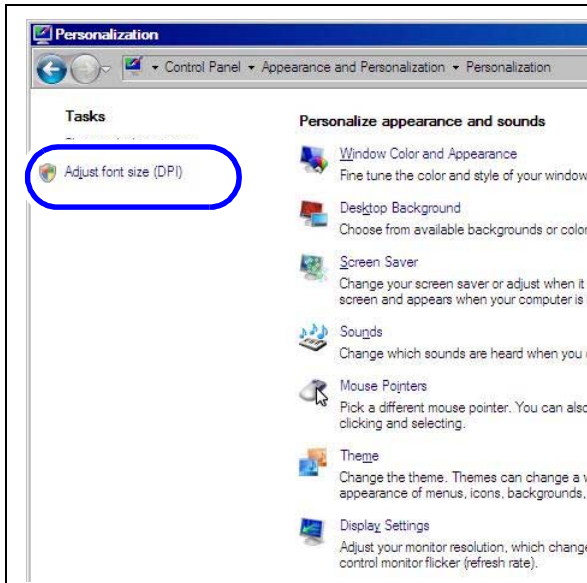
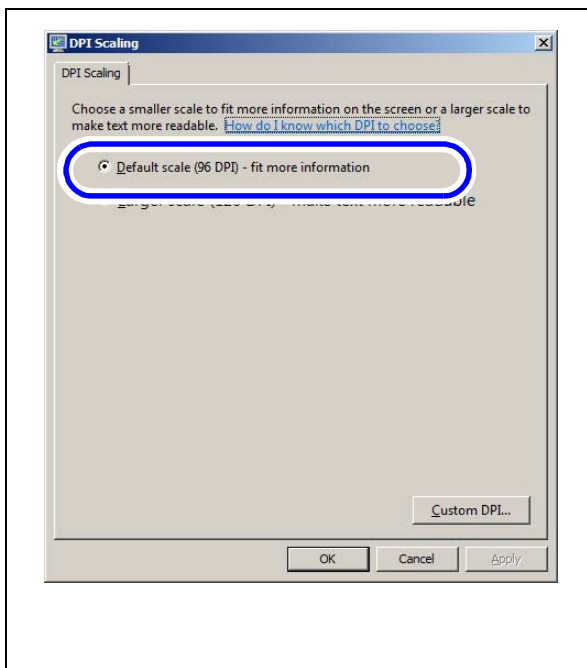
- Confirm the recommended resolution in the Operator's Manual of the monitor.

Example:

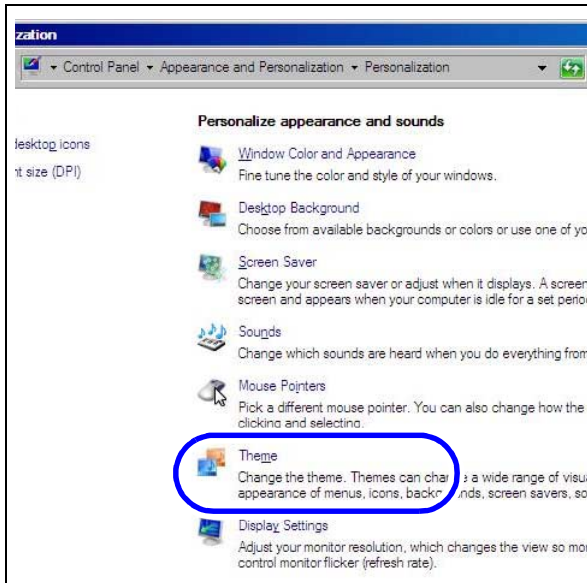
- If the recommended number of pixels is 1024×768: 1024 by 768 pixels
- If the recommended number of pixels is 1280×1024: 1280 by 1024 pixels
- Color quality
Highest (32 bit)



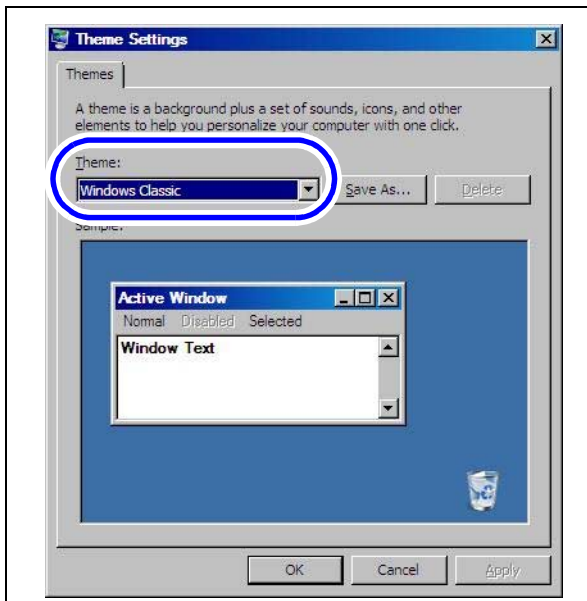
5. Click **OK**.

6. Click Adjust font size (DPI).**7. Select Default scale (96 DPI) and click OK on the DPI Scaling display.**

8. Click **Theme**.



9. Set **Theme** to **Windows Classic**.



10. Click **OK**.

11. Click × in the upper-right corner of the **Personalization** display to close it.

12. If you have changed the **DPI Scaling** in Step 7, restart the operation PC.

This completes the procedure to configure the monitor settings.

■ **Next, go to . . .**

Go to **Step 4** in the **Installation Procedure**.

● For Windows 7

1. Start up the operation PC.

Turn on the power of the display monitor.

2. Right-click on the desktop, and select **Screen resolution**.

The **Screen resolution** display is shown.

3. Configure the screen resolution setting.

Configure the screen resolution as shown below.

- Screen resolution
Match the resolution to the recommended resolution of the monitor.

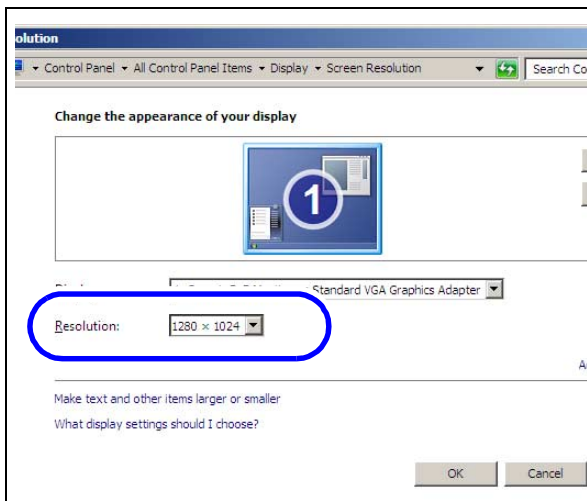


IMPORTANT

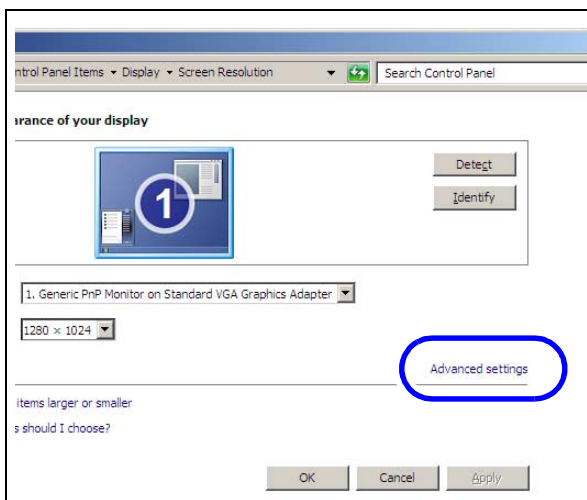
- Confirm the recommended resolution in the Operator's Manual of the monitor.

Example:

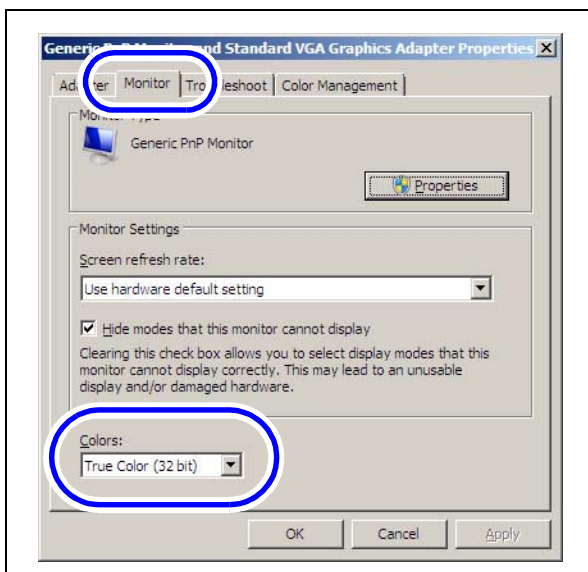
- If the recommended number of pixels is 1024×768: 1024 by 768 pixels
- If the recommended number of pixels is 1280×1024: 1280 by 1024 pixels



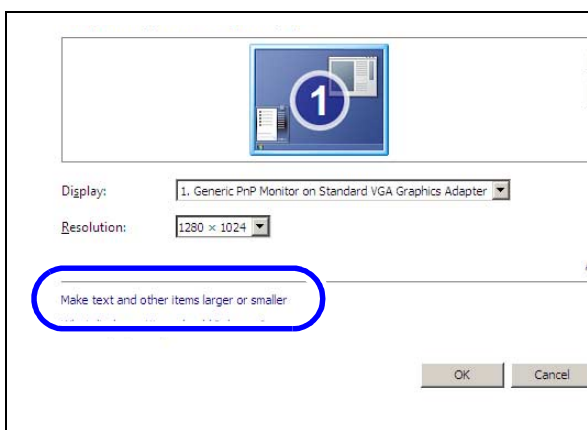
4. Click **Advanced settings**.



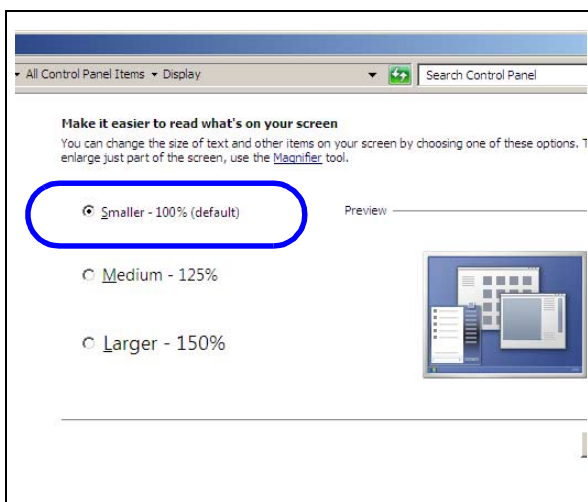
5. Select the **Monitor** tab, set **Colors** to **True Color (32 bit)** and click **OK**.



6. Click **Make text and other items larger or smaller**.



7. Select **Smaller - 100%**

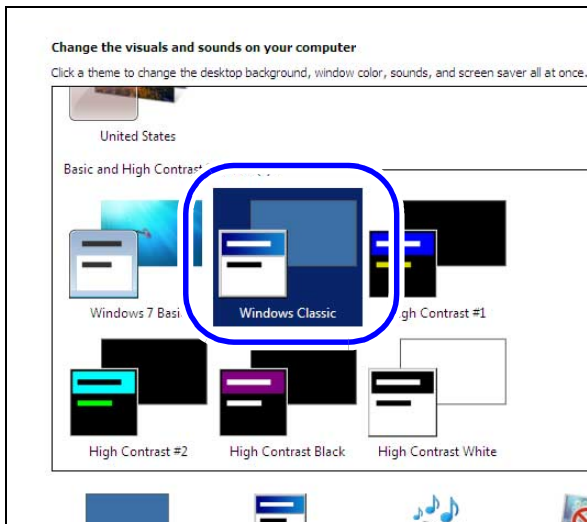


8. Click × in the upper-right corner of the display to close it.

9. Right-click on the desktop, and select **Personalization**.

The **Personalization** display is shown.

10. Select **Windows Classic**.



11. Click × in the upper-right corner of the **Personalization** display to close it.

12. If you have changed any setting on the **Display** screen in Step 7, restart the operation PC.

This completes the procedure to configure the monitor settings.

■ **Next, go to • • •**

Go to **Step 4** in the **Installation Procedure**.

5 Setting up the operation PC

This section explains the setup procedure of the operation PC on which the EZ Controller is to be installed.
The necessary setup varies depending on the PC preparation, or region that the PC is used. See [5.1 Confirming the setup contents and setting up the PC](#) to confirm the necessary setup.

5.1 Confirming the setup contents and setting up the PC

The necessary setup varies depending on the PC preparation, or region that the PC is used.
Confirm the necessary setup in the following table, and set up the PC.

1. Confirm the setup contents.

✓: Setup is required.

–: Setup is not required (the setup is already carried out).

Setup content	Using the operation PC prepared by the customer	Using the operation PC purchased from Noritsu in the countries other than United States and Japan	Using the operation PC purchased from Noritsu in United States or Japan
Settings of region and language See 5.2 .	✓ (*1)	✓	–
Settings of Time Zone, Date and Time See 5.3 .	✓ (*1)	✓	✓ (*1)
Configuring power options See 5.4 .	✓	–	–
Configuring the virtual memory See 5.5 .	✓	–	–
Configuring the Transfer Mode See 5.6 .	✓	–	–
Turning off Autoplay of media drives See 5.7 .	✓	–	–
Configuring the taskbar settings See 5.8 .	✓	–	–
Turning off the hotkey function (shortcut key function) on the resident application See 5.9 .	✓	–	–
Configuring the User Account Control setting See 5.10 .	✓	–	–
Configuring the sidebar setting See 5.11 .	✓	–	–
Turning off the Windows automatic update function See 5.12 .	✓	✓	✓
Automatic logon when turning on the power supply of the PC See 5.13 .	✓	–	–

- (*1)

This operation is not necessary if using the operation PC prepared by the customer, or using the operation PC purchased from Noritsu in the United States or Japan, and the operation PC is already configured settings suitable for the environment.

If not, follow this manual to configure the settings.

2. Carry out the necessary setup.

This completes setting up the operation PC.

■ Next, go to • • •

Go to **Step 5** in the **Installation Procedure**.

5.2 Settings of region and language

This operation is not necessary if using the operation PC prepared by the customer, or using the operation PC purchased from Noritsu in the United States or Japan, and the operation PC is already configured settings suitable for the environment.

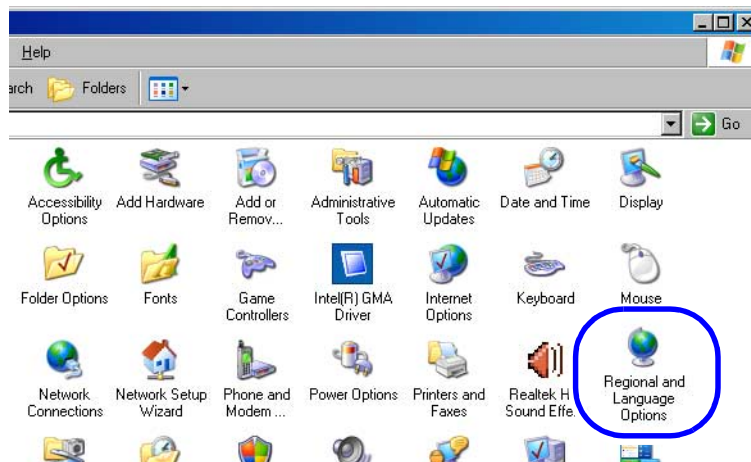
For Windows XP

1. Access the **Control Panel** display.

Bringing up the display

Start → Control Panel

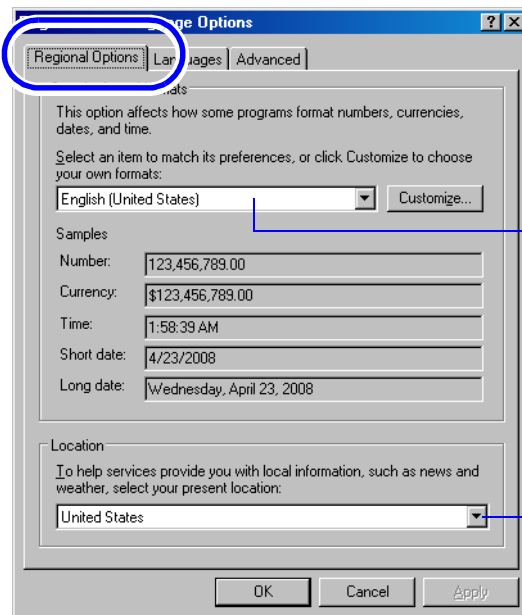
2. Double-click the **Regional and Language Options** icon.



The **Regional and Language Options** display is shown.

S091740

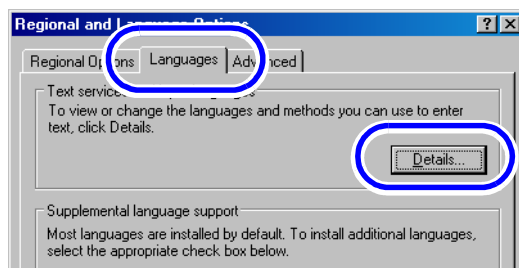
3. Select the **Regional Options** tab and configure the following settings.



1. Select the regional language for Standards and formats.
2. Select the location for Location.

S091741

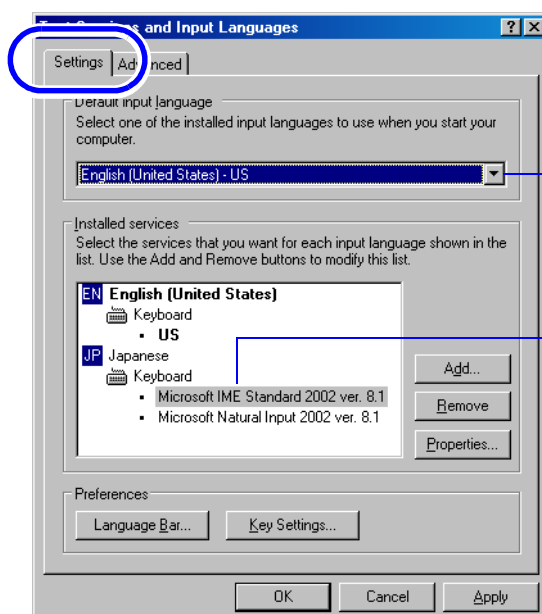
4. Select the **Languages** tab, and click **Details**.



S091745

The **Text Service and Input Languages** display is shown.

5. Select the **Settings** tab on the **Text Service and Input Languages** display, and configure the following settings.



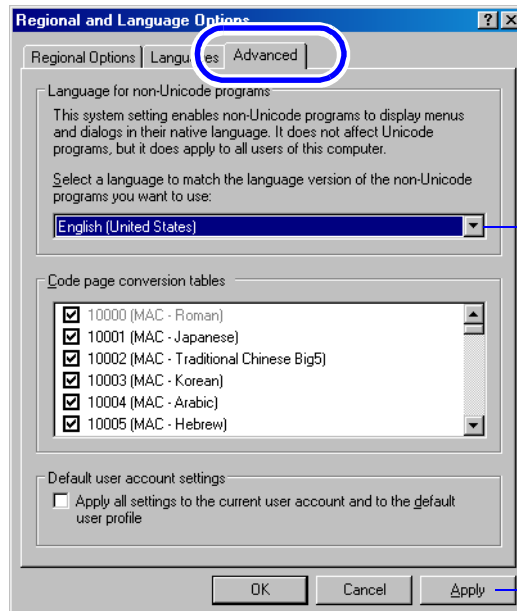
1. Select the regional language for Default input language.
2. Confirm that the language that you selected in the procedure above is selected for Installed services.

S091746

6. Click **OK** on the **Text Service and Input Languages** display.

The **Text Services and Input Languages** display closes.

7. Select the **Advanced** tab, and configure the following settings.



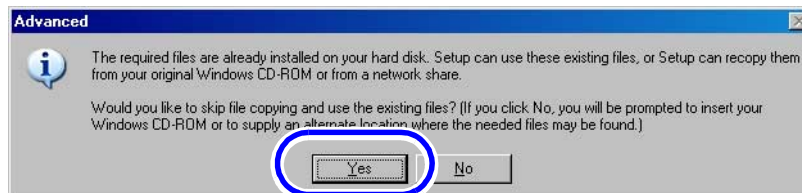
1. Select the regional language for Language for non-Unicode programs.

2. Click Apply.

The Advanced display is shown.

S091742

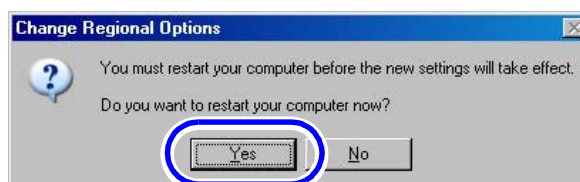
8. Click **Yes** on the **Advanced** display.



S091743

The **Change Regional Options** display is shown.

9. Click **Yes** on the **Change Regional Options** display.



S091744

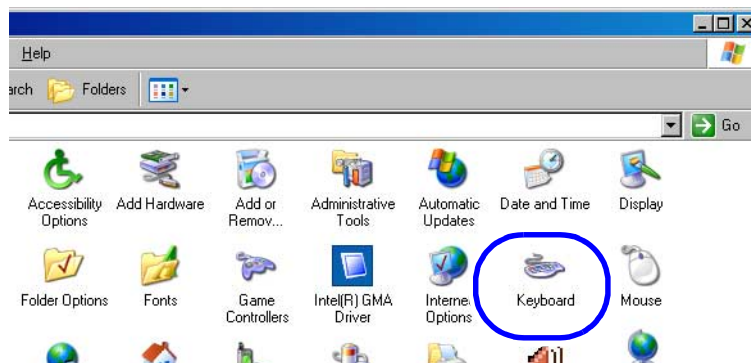
The PC restarts.

10. After the PC starts, access the **Control Panel** display.

Bringing up the display

Start → Control Panel

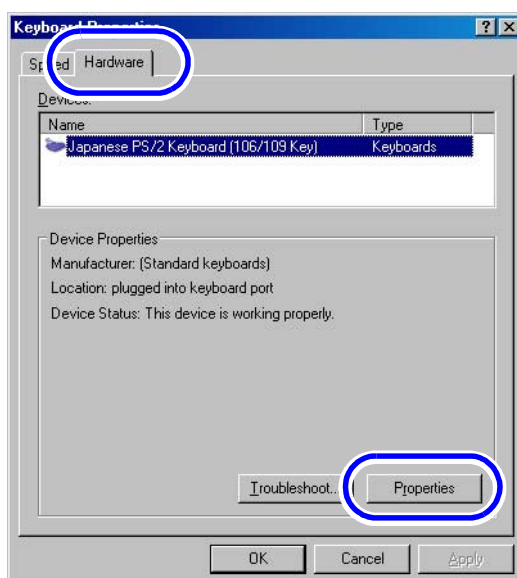
11. Double-click the **Keyboard** icon.



S091740

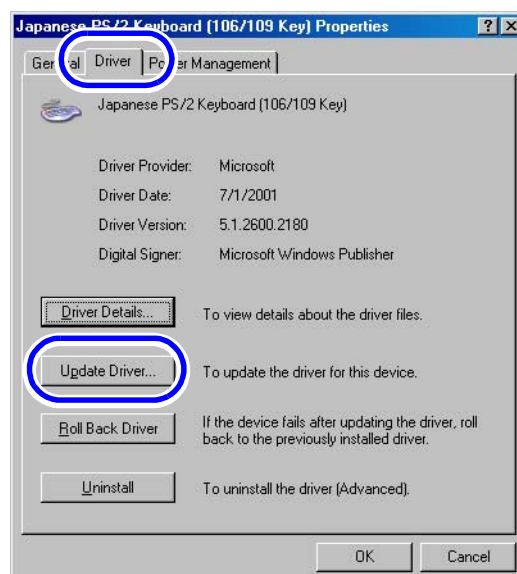
The **Keyboard Properties** display is shown.

12. Select the **Hardware** tab and click **Properties**.



S091748

13. Click the **Driver** tab and click **Update Driver....**



S091749

The **Hardware Update Wizard** display is shown.

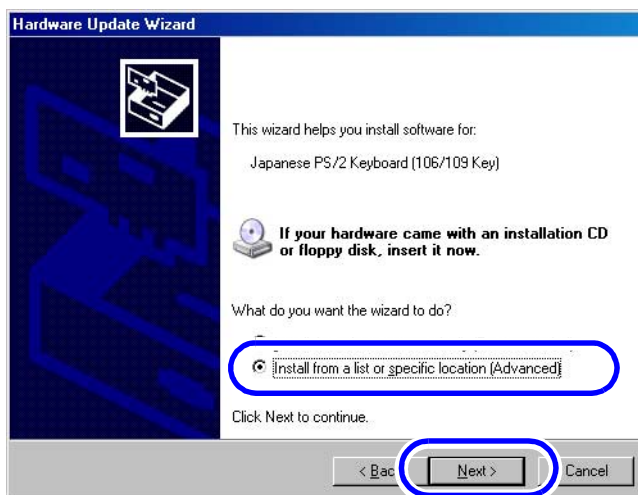
14. Select **No, not this time, then click **Next**.**

This display may not be shown. Go to the next step if this display is not shown.



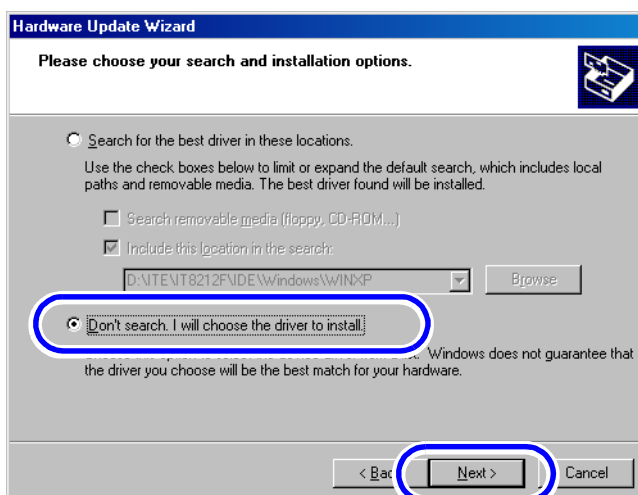
S091750

15. Select **Install from a list or specific location(Advanced), then click **Next**.**



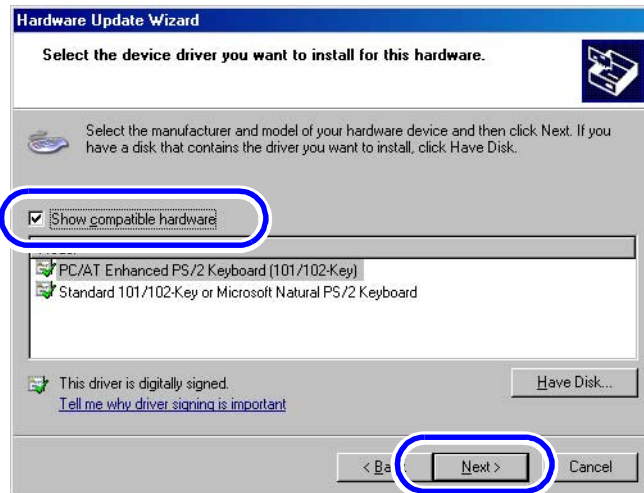
S091751

16. Select **Don't search. I will choose the driver to install, then click **Next**.**



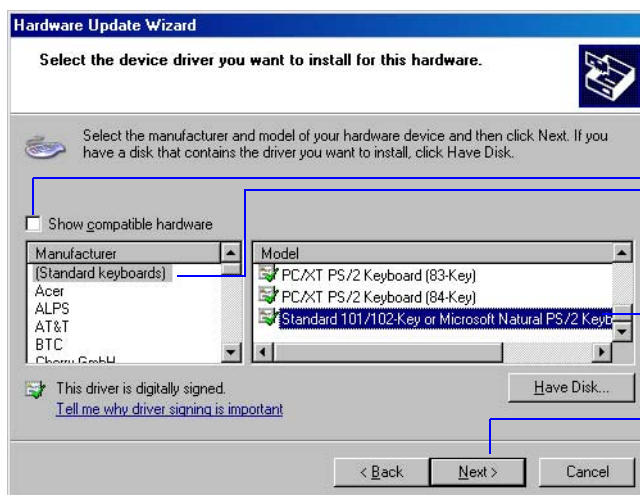
S091752

17. Deselect ☐ **Show compatible hardware**, then click **Next**.



S091753

18. Configure each item below.

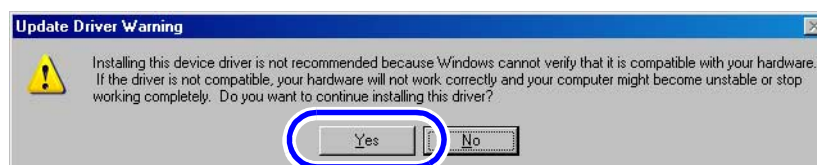


1. Select Standard Keyboards for Manufacturer.
2. Select the keyboard appropriate to your country for Model.
3. Click Next.
The Update Driver Warning display is shown.

S091754

19. Click **Yes**.

Go to the next step if this display is not shown.

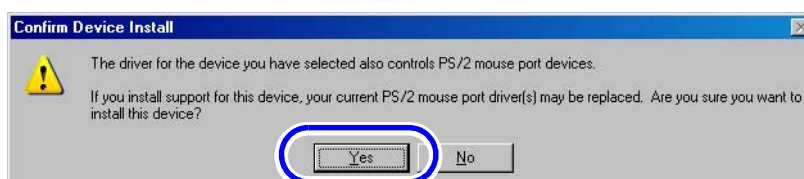


S091755

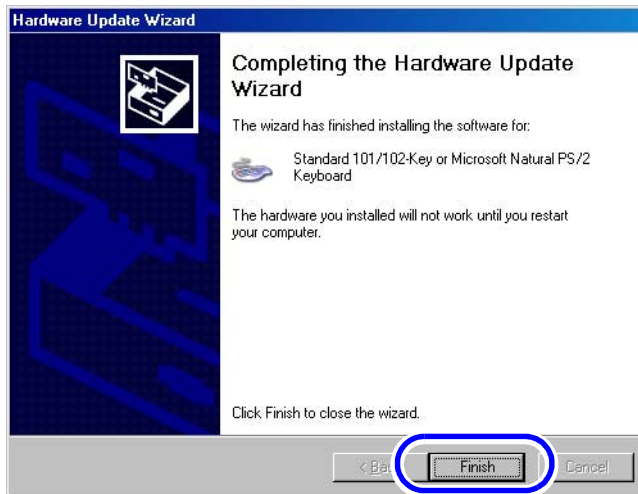
The **Confirm Device Install** display is shown.

20. Click **Yes**.

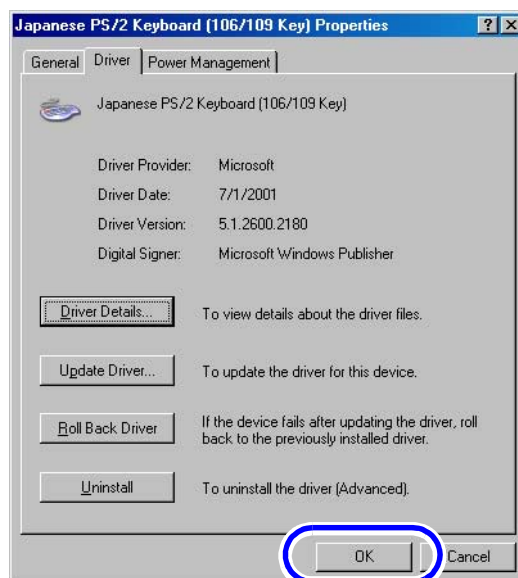
Go to the next step if this display is not shown.



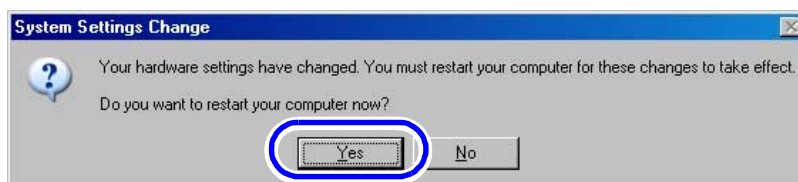
S091756

21. Click Finish.

S091757

22. Click OK.

S091749

23. Click Yes.

S091758

The PC restarts.
This completes the settings of the region and language.

For Windows Vista, 7

1. Access the **Regional and Language Options** display.

For Windows Vista

Bringing up the display

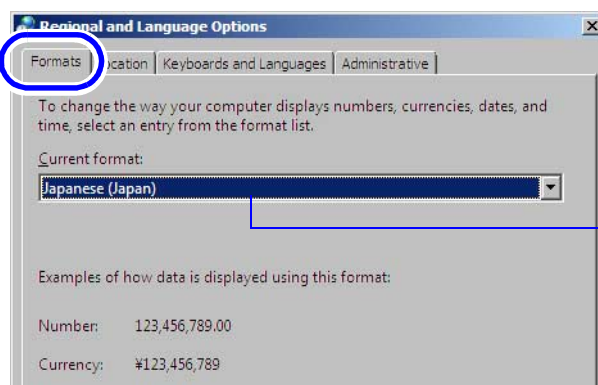
Start → Control Panel → Clock, Language, and Region → Regional and Language Options

For Windows 7

Bringing up the display

Start → Control Panel → Region and Language

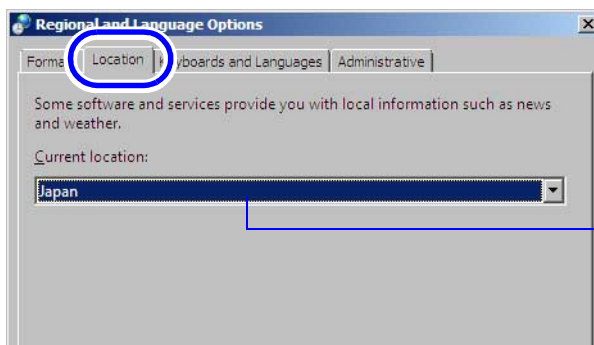
2. Select the **Formats** tab and configure the following settings.



Select the language you use in Current format or Format.

S092281

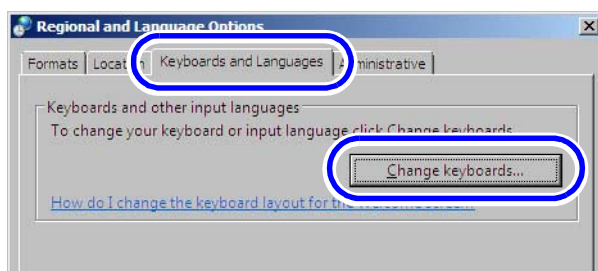
3. Select the **Location** tab and configure the following settings.



Select the location for Current location.

S092282

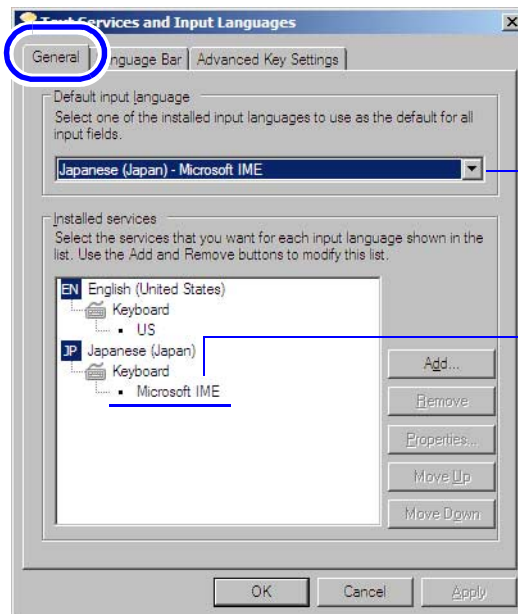
4. Select the **keyboards and Languages** tab, and click **Change keyboards....**



The **Text Service and Input Languages** display is shown.

S092283

5. Select the **General** tab of the **Text Service and Input Languages** display, and configure the following settings.



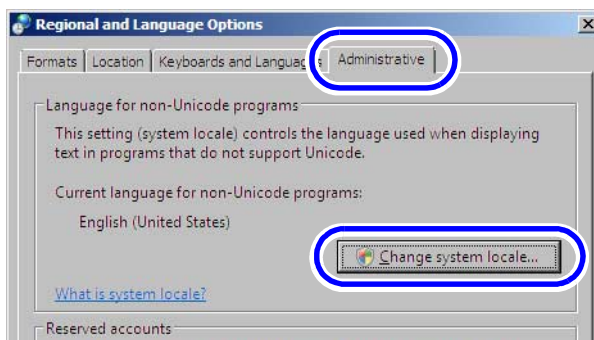
1. Select the regional language for Default input language.
2. Confirm that the language that you selected in the procedure above is selected for Installed services.

S092284

6. Click **OK** on the **Text Service and Input Languages** display.

The **Text Services and Input Languages** display closes.

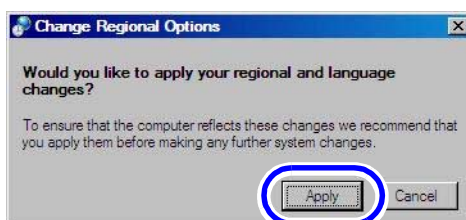
7. Select the **Administrative** tab and click **Change system locale....**



S092285

8. Click **Apply** on the **Change Regional Options** display.

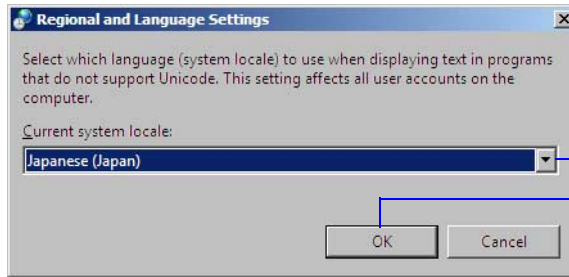
This display may not be shown.



S092286

The **Regional and Language Options** display is shown.

9. Configure the following settings on the **Regional and Language Settings** display.

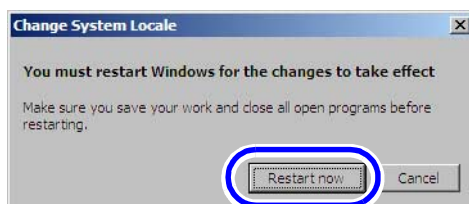


1. Select the regional language.
2. Click OK.

S092293

The **Change System Locale** display is shown.

10. Click **Restart now** on the **Change System Locale** display.



S092287

The PC restarts.

11. When the PC starts up, access the **Keyboard Properties** display.

For Windows Vista

Bringing up the display

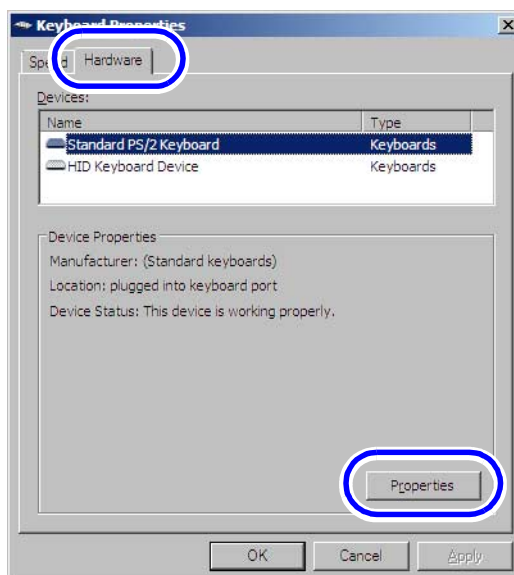
Start → Control Panel → Hardware and sound → Keyboard

For Windows 7

Bringing up the display

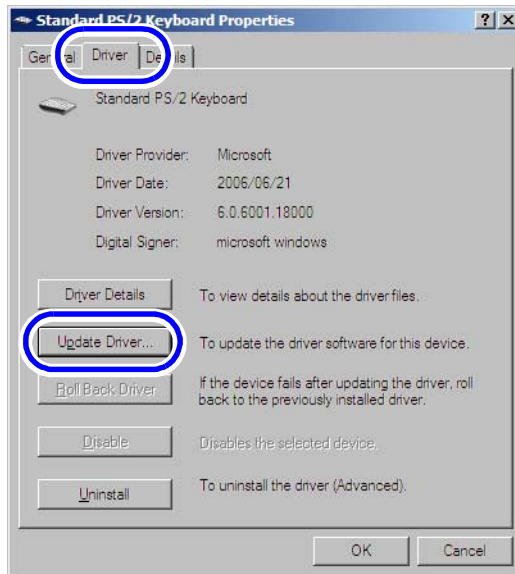
Start → Control Panel → Keyboard

12. Select the **Hardware** tab and click **Properties**.



S092289

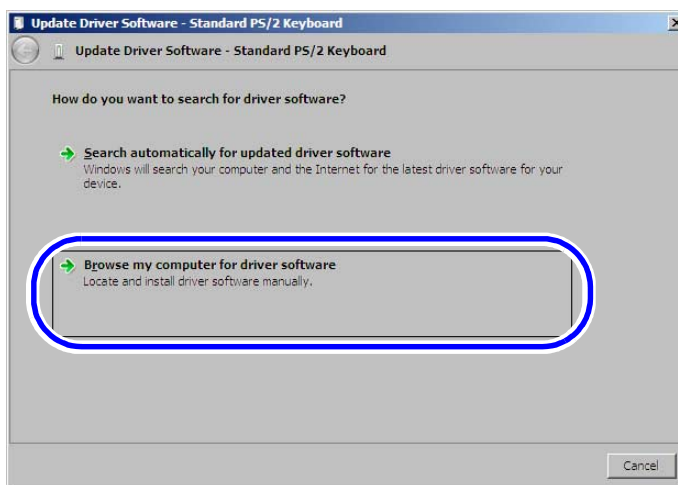
13. Click the **Driver tab and click **Update Driver....****



S092290

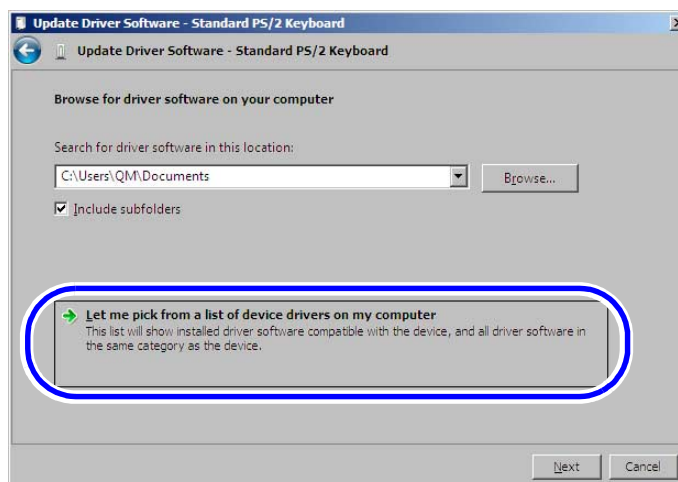
The **Update Driver Software** display is shown.

14. Click **Browse my computer for driver software.**



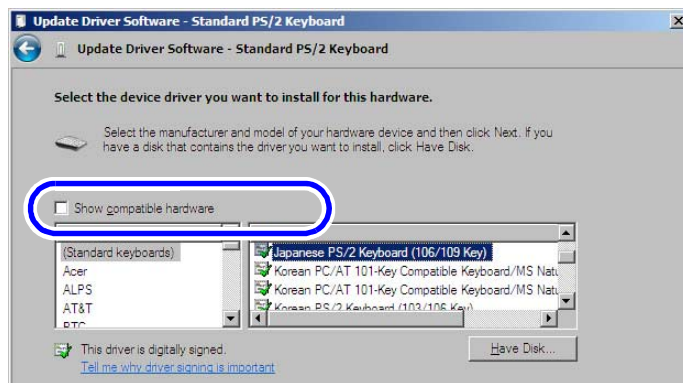
S092291

15. Click **Let me pick from a list of device drivers on my computer.**



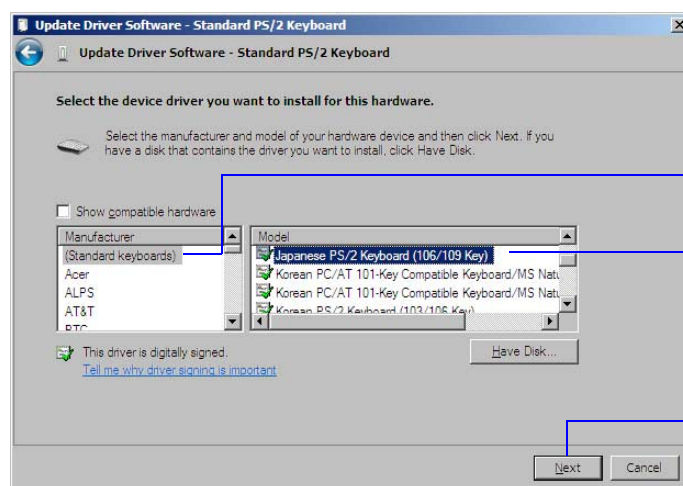
S092292

16. Deselect ☐ Show compatible hardware.



S092302

17. Configure the following settings.



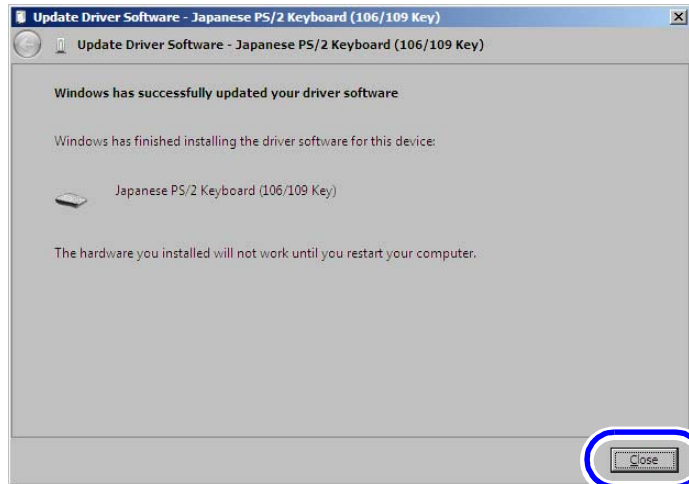
1. Select Standard Keyboards for Manufacturer.
2. Select the keyboard appropriate to your country for Model.
3. Click Next.
The Update Driver Warning display is shown.

S092302

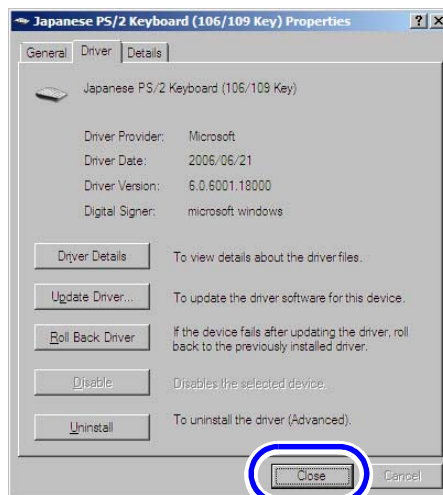
18. Click **Yes**.



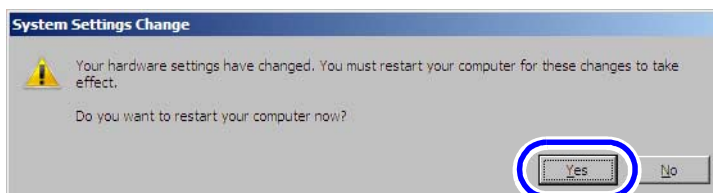
S092303

19. Click **Close**.

S092304

20. Click **Close**.

S092305

21. Click **Yes**.

S092306

The PC restarts.

This completes the settings of the region and language.

5.3 Settings of Time Zone, Date and Time

This operation is not necessary if using the operation PC prepared by the customer, or using the operation PC purchased from Noritsu in the United States or Japan, and the operation PC is already configured settings suitable for the environment.

1. Access the **Date and Time Properties** or **Date and Time** display.

For Windows XP

Bringing up the display

Start → Control Panel → Date and Time

For Windows Vista

Bringing up the display

Start → Control Panel → Clock, Language, and Region → Date and Time

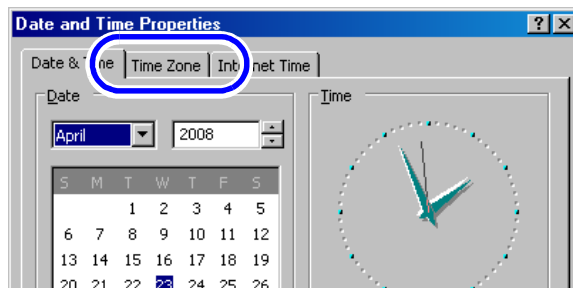
For Windows 7

Bringing up the display

Start → Control Panel → Date and Time

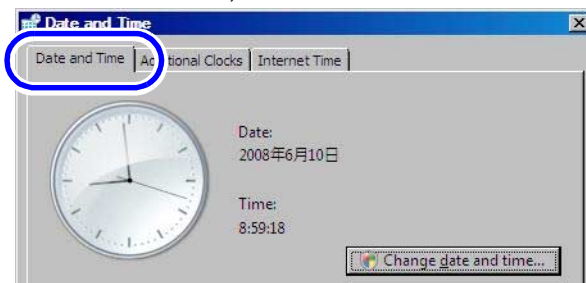
2. Select the **Time Zone** tab or the **Date and Time** tab.

For Windows XP



S091760

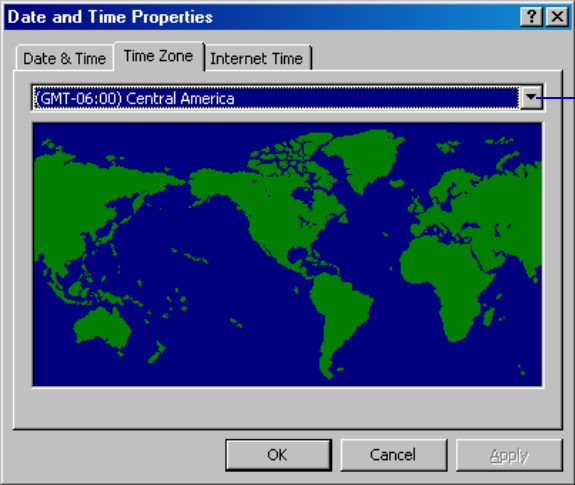
For Windows Vista, 7



S091897

3. Select the country that the system is installed.

For Windows XP

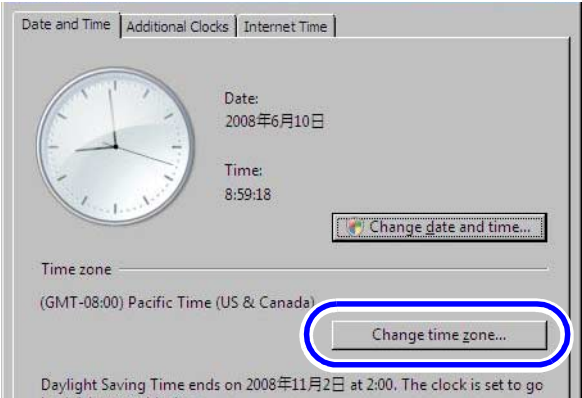


Click ▼ to select the region appropriate to the country that the system is installed.

S091761

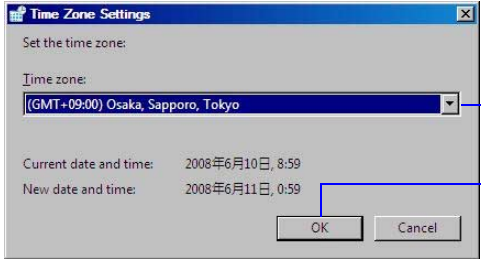
For Windows Vista, 7

(1) Click **Change time zone...**



S091897

(2) Click ▼ to select the region appropriate to the country that the system is installed.

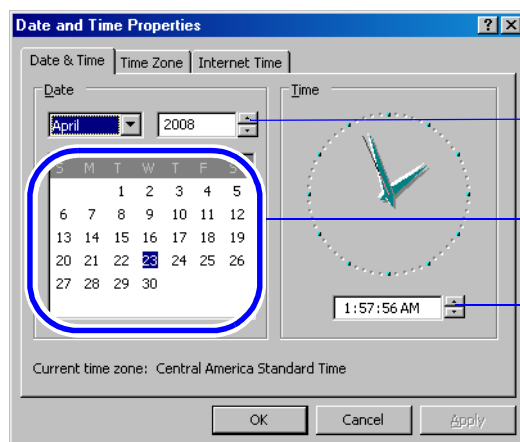


1. Select the region appropriate to the country that the system is installed.
2. Click OK.

S091898

4. Select the **Date & Time** tab or the **Date and Time** to set the date and time.

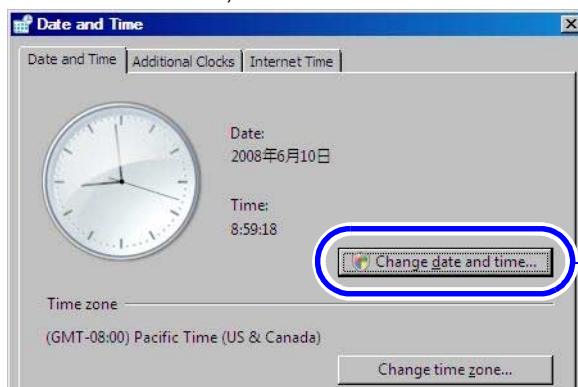
Windows XP



1. Set the date for Date.
2. Set the time for Time.
3. Click OK.

S091762

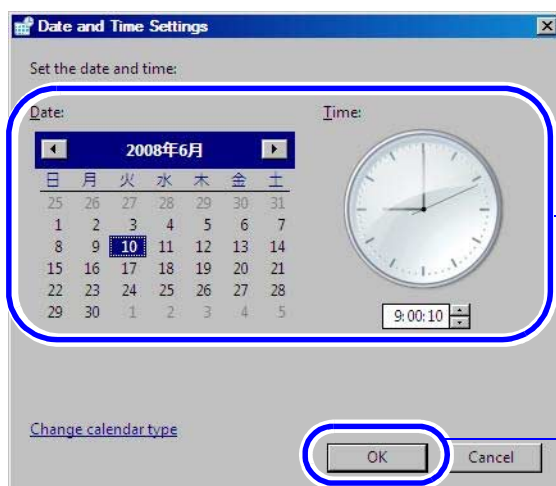
For Windows Vista, 7



Click Change date and time....



S091897



1. Set the date and time.
2. Click OK.
3. Click OK on the Date and Time display.

S091899

5. Click the × in the upper-right corner of the **Control Panel** display to close **Control Panel** display.

This completes the settings of Time Zone, Date and Time.

5.4 Configuring power options

This procedure is not necessary for an operation PC purchased from Noritsu, because the settings have been already configured.

For Windows XP

1. Access the **Control Panel** display.

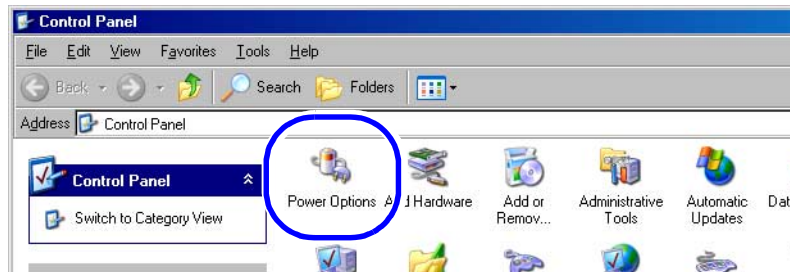
Bringing up the display

Start → Control Panel

2. Double-click the **Power Options** icon.

The icon slightly varies depending on the OS.

Example:



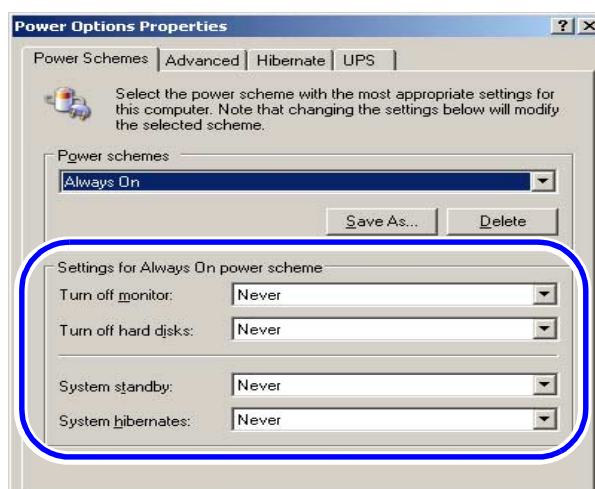
S079073

The **Power Options Properties** display is shown.

3. Select **Never** for all the items below in the **Power Schemes** tab, and click **OK**.

- Turn off monitor
- Turn off hard disks
- System standby
- System hibernates

Example:



S088647

4. Click **OK** to close the **Power Options Properties** display.

5. Click × in the upper-right corner of the **Control Panel** display to close it.

This completes the procedure to configure the power options.

For Windows Vista, 7

1. Access the **Power Options** display.

For Windows Vista

Bringing up the display

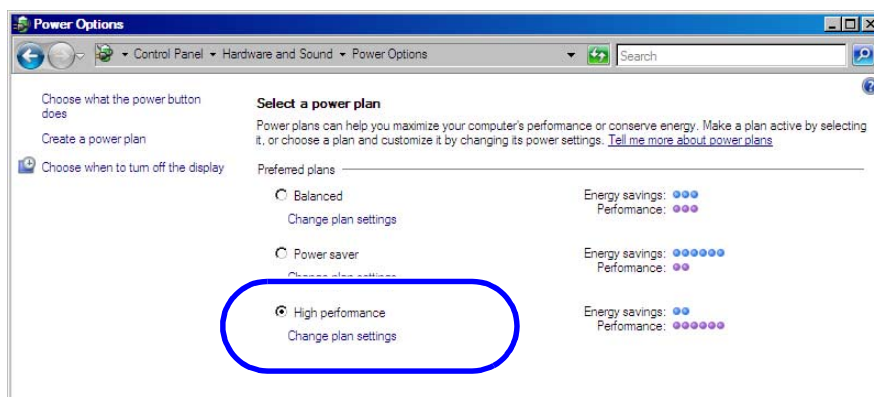
Start → Control Panel → Hardware and Sound → Power Options

For Windows 7

Bringing up the display

Start → Control Panel → Power Options

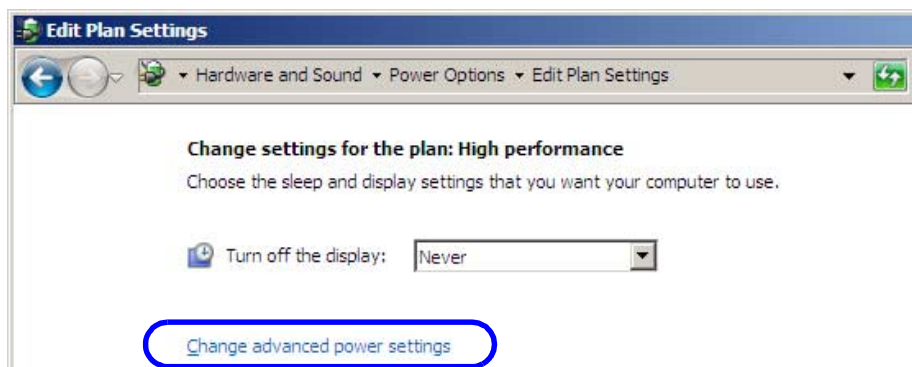
2. Select ☒ **High performance**, and click **Change plan settings**.



S091798

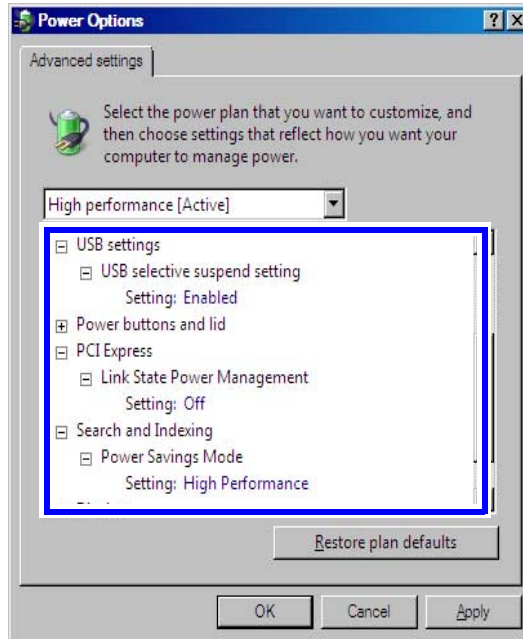
The **Edit Plan Settings** display is shown.

3. Click **Change advanced power settings**.



S091799

4. Configure the following settings as shown below.



S091801

For Windows Vista

The following items may not be shown depending on the operation PC.

Item		Settings
Hard disk	Turn off hard disk after	Never
Wireless Adapter Settings	Power Saving Mode	Maximum Performance
Sleep	Sleep after	Never
	Hibernate after	Never
USB settings	USB selective suspend setting	Disabled
PCI Express	Link State Power Management	Off
Search and Indexing	Power Saving Mode	High Performance
Display	Turn off display after	Never
	Adaptive display	Off
Multimedia settings	When sharing media	Prevent idling to sleep

For Windows 7

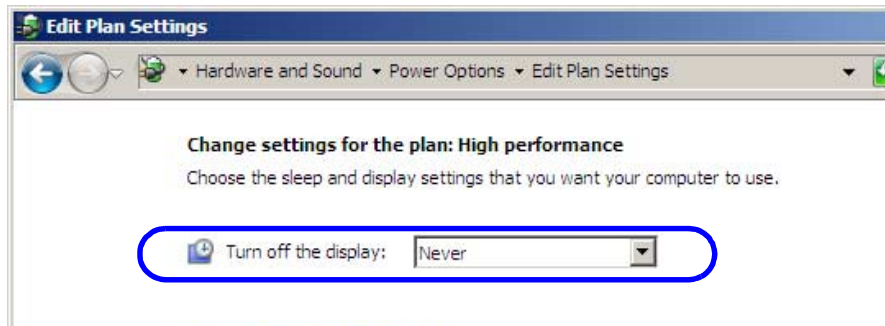
The items vary depending on the operation PC model.

You do not have to change items other than explained here.

Item		Settings
Hard disk	Turn off hard disk after	Never
Wireless Adapter Settings	Power Saving Mode	Maximum Performance
Sleep	Sleep after	Never
	Hibernate after	Never
USB settings	USB selective suspend setting	Disabled
PCI Express	Link State Power Management	Off
Display	Turn off display after	Never
Multimedia settings	When sharing media	Prevent idling to sleep

5. Click **OK**.

6. Select **Never** for **Turn off the display** and click **Save changes**.



S091799

7. Click × in the upper-right corner of the **Power Options** display to close it.

This completes the procedure to configure the power options.

5.5 Configuring the virtual memory

This procedure is not necessary for an operation PC purchased from Noritsu, because the settings have been already configured.

Even though the display slightly varies depending on the operating system, the procedure is the same.

1. Access the **System Properties** display.

For Windows XP

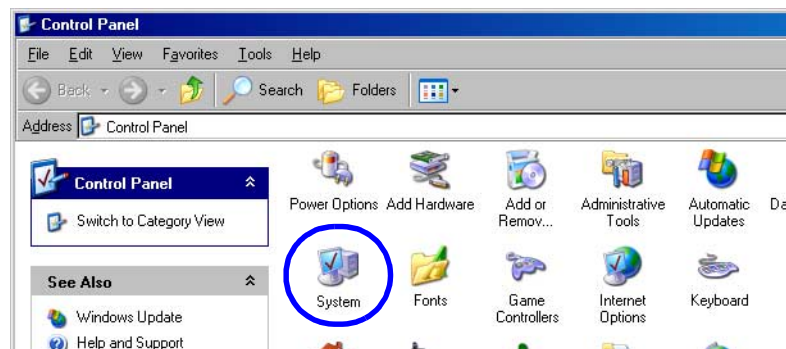
- (1) Access the **Control Panel** display.

Bringing up the display

Start → Control Panel

- (2) Double-click the **System** icon.

Example:



S079073

The **System Properties** display is shown.

For Windows Vista, 7

- (1) Access the **System** display.

For Windows Vista

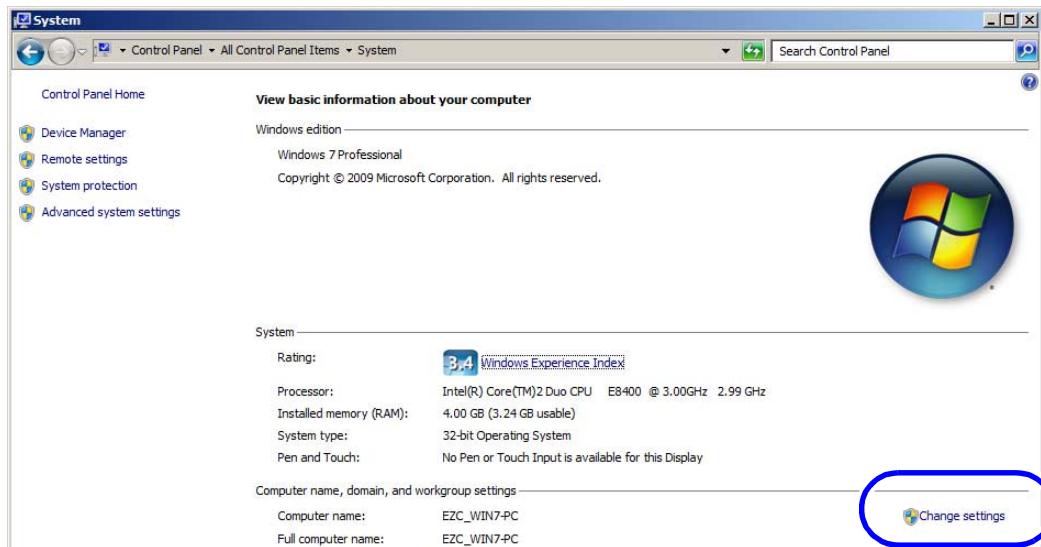
Bringing up the display

Start → Control Panel → System and Maintenance → System

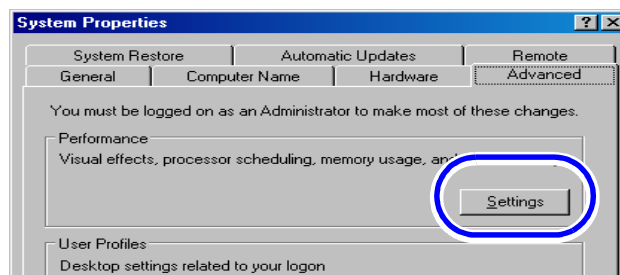
For Windows 7

Bringing up the display

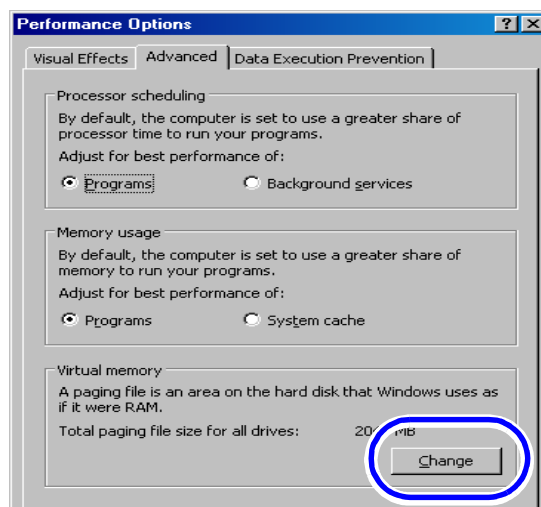
Start → Control Panel → System

(2) Click **Change settings**.

S091803

The **System Properties** display is shown.2. Click the **Advanced** tab, and click **Settings** in **Performance**.

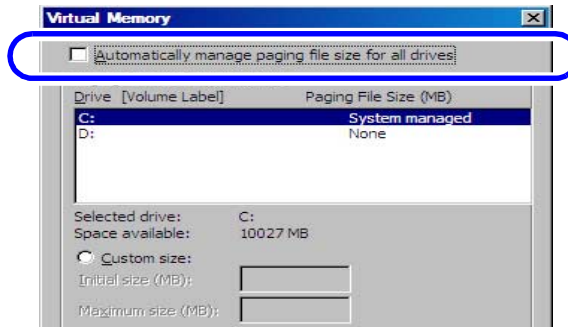
S088395

The **Performance Options** display is shown.3. Click the **Advanced** tab, and click **Change** in **Virtual memory**.

S088405

The **Virtual Memory** display is shown.

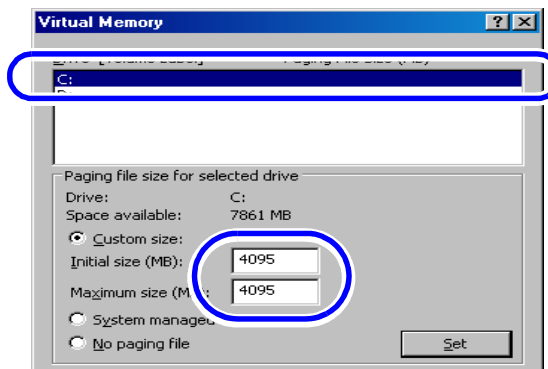
4. For Windows Vista and 7, clear the **Automatically manage paging file size for all drives** check box (☐).



S091804

5. Select drive C and **Custom size** (☒), then configure the values as shown below.

- Initial size (MB): 4095
- Maximum size (MB): 4095



S088406

6. Click **Set**.

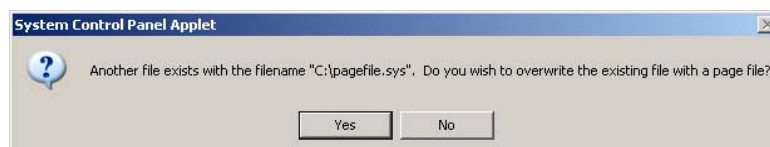
7. For Windows 7, the following display is shown. Click **OK**.



S099694

8. For Windows XP and Vista, click **Yes**.

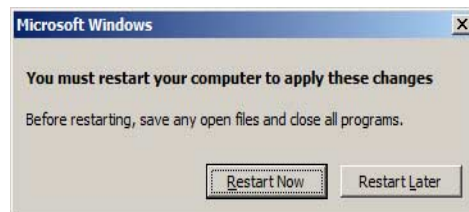
The following display may be shown depending on the settings of the operation PC. If the following display is shown, click **Yes**.



S088630

9. Click **OK** to close the **Performance Options** and **System Properties** displays.

10. For Windows 7, the following display is shown. Click **Restart Now**.



S099695

The operation PC restarts.

11. For Windows XP and Vista, click × in the upper-right corner of the display to close it.

This completes the procedure to configure the virtual memory.

5.6 Configuring the Transfer Mode

This procedure is not necessary for an operation PC purchased from Noritsu, because the settings have been already configured.

Even though the display slightly varies depending on the operating system, the procedure is the same.

For Windows XP, Vista

1. Access the **System Properties** display.

For Windows XP

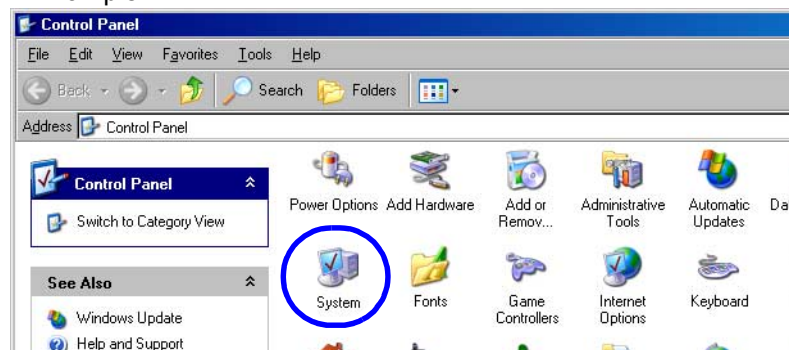
(1) Access the **Control Panel** display.

Bringing up the display

Start → Control Panel

(2) Double-click the **System** icon.

Example:



S079073

The **System Properties** display is shown.

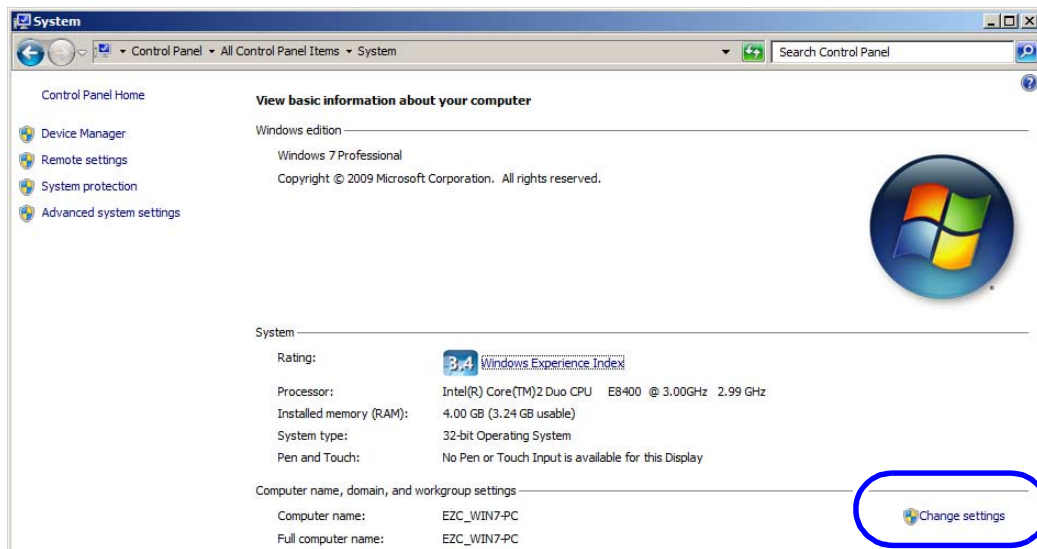
For Windows Vista

(1) Access the **System** display.

Bringing up the display

Start → Control Panel → System and Maintenance → System

(2) Click **Change settings**.



S091803

The **System Properties** display is shown.

2. Select the **Hardware** tab and click **Device Manager**.



S088648

The **Device Manager** display is shown.

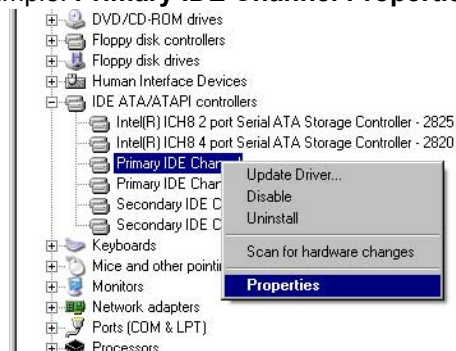
3. Access the **Primary IDE Channel** or **Secondary IDE Channel** display.

The displayed number of **Primary IDE Channel** and **Secondary IDE Channel** varies depending on the settings of the operation PC. Configure all **Primary IDE Channel** and **Secondary IDE Channel** that are shown onscreen.

Bringing up the display

Double-click **IDE ATA/ATAPI controllers** on the **Device Manager** display. → Right-click **Primary IDE Channel** or **Secondary IDE Channel**. → Click **Properties**.

Example: **Primary IDE Channel Properties** display

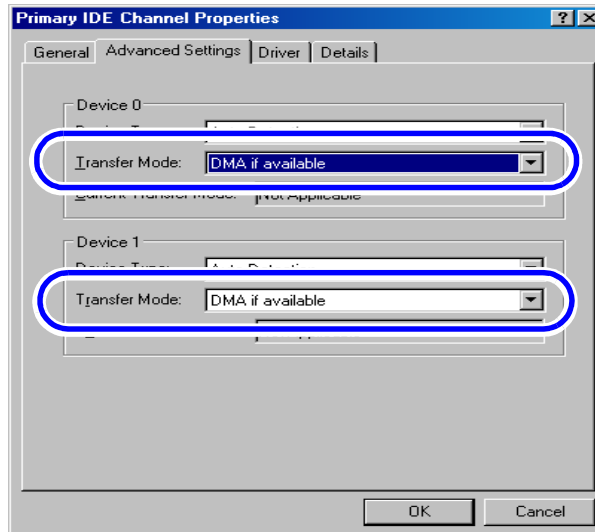


S088649

4. Select the **Advanced Settings** tab and configure **Transfer Mode**.

Click ☒ to select **DMA if available** for the **Transfer Mode** in **Device 0** and **Device 1**.

Example: **Primary IDE Channel Properties** display



S088650

5. Click **OK**.

6. Configure the **Transfer Mode** setting for all **Primary IDE Channel** and **Secondary IDE Channel** in the same procedure as Step 3 and Step 4.

7. Click **×** in the upper-right corner of the **Device Manager** display to close it.

8. Click **OK** to close the **System Properties** display.

9. Click **×** in the upper-right corner of the display to close it.

This completes the procedure to configure the Transfer Mode.

For Windows 7

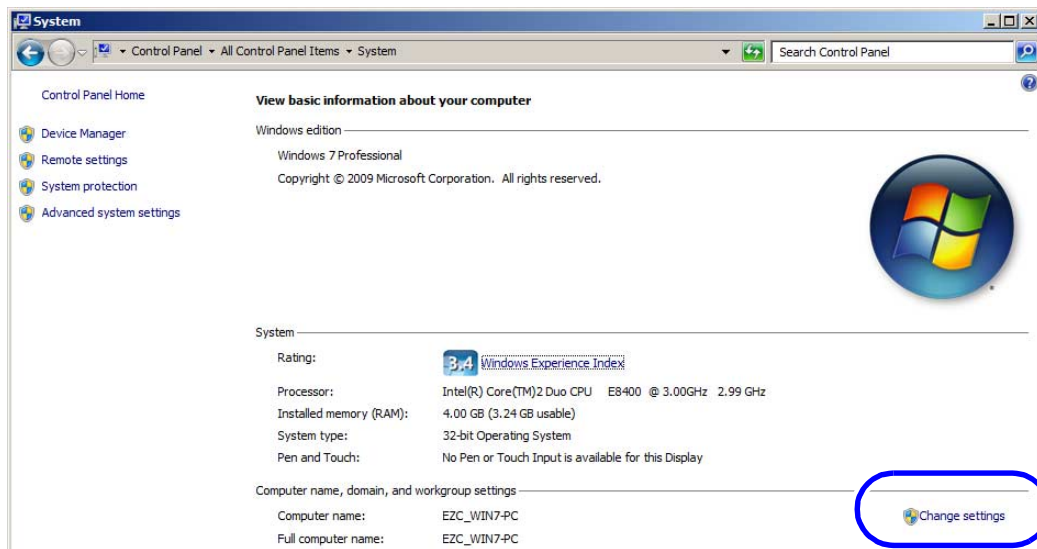
1. Access the **System Properties** display.

(1) Access the **System** display.

Bringing up the display

Start → Control Panel → System

(2) Click **Change settings**.



S091803

The **System Properties** display is shown.

2. Select the **Hardware** tab and click **Device Manager**.



S099696

The **Device Manager** display is shown.

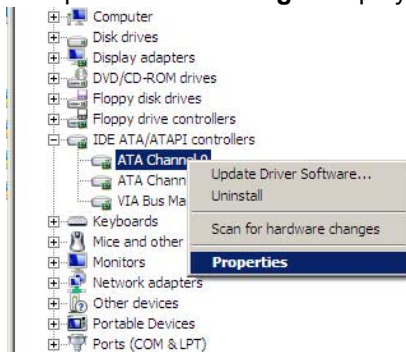
3. Access the **ATA Channel 0 Properties** or **ATA Channel 1 Properties** display.

The number of ATA Channel shown onscreen varies depending on the operation PC model. In addition, some operation PC models do not have the setting. If your operation PC has the **ATA Channel 0** and/or **ATA Channel 1** settings, configure all ATA Channel settings shown onscreen.

Bringing up the display

Double-click **IDE ATA/ATAPI controllers** on the **Device Manager** display. → Right-click on **ATA Channel 0** or **ATA Channel 1**. → Click **Properties**.

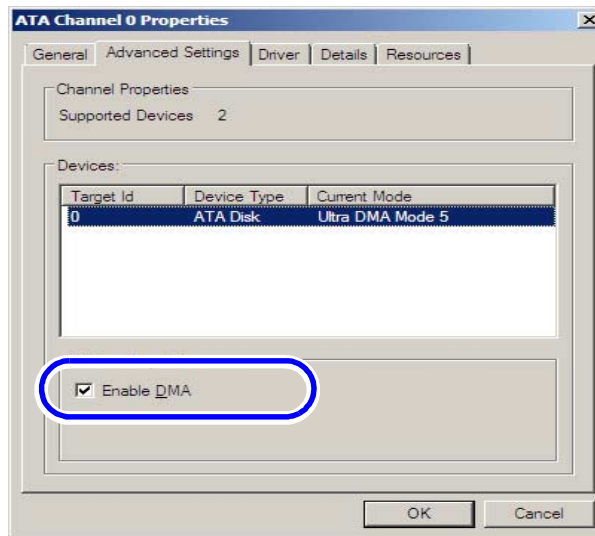
Example: **Device Manager** display



S099697

4. Select the **Advanced Settings** tab and select the **Enable DMA** check box.

Example: **ATA Channel 0 Properties** display



S099698

5. Click **OK**.
6. Configure the **Transfer Mode** setting of all ATA Channels shown onscreen by following Step 3 and Step 4.
7. Click × in the upper-right corner of the **Device Manager** display to close it.
8. Click **OK** to close the **System Properties** display.
9. Click × in the upper-right corner of the display to close it.

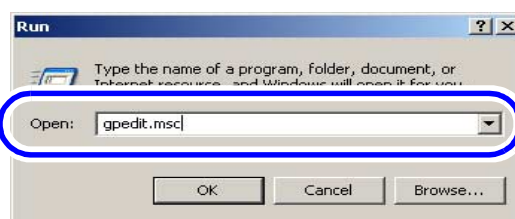
This completes the procedure to configure the Transfer Mode.

5.7 Turning off Autoplay of media drives

This procedure is not necessary for an operation PC purchased from Noritsu, because the settings have been already configured.

For Windows XP

1. Select **Start** → **Run**.
- The **Run** display is shown.
2. Enter **gpedit.msc** and click **OK**.

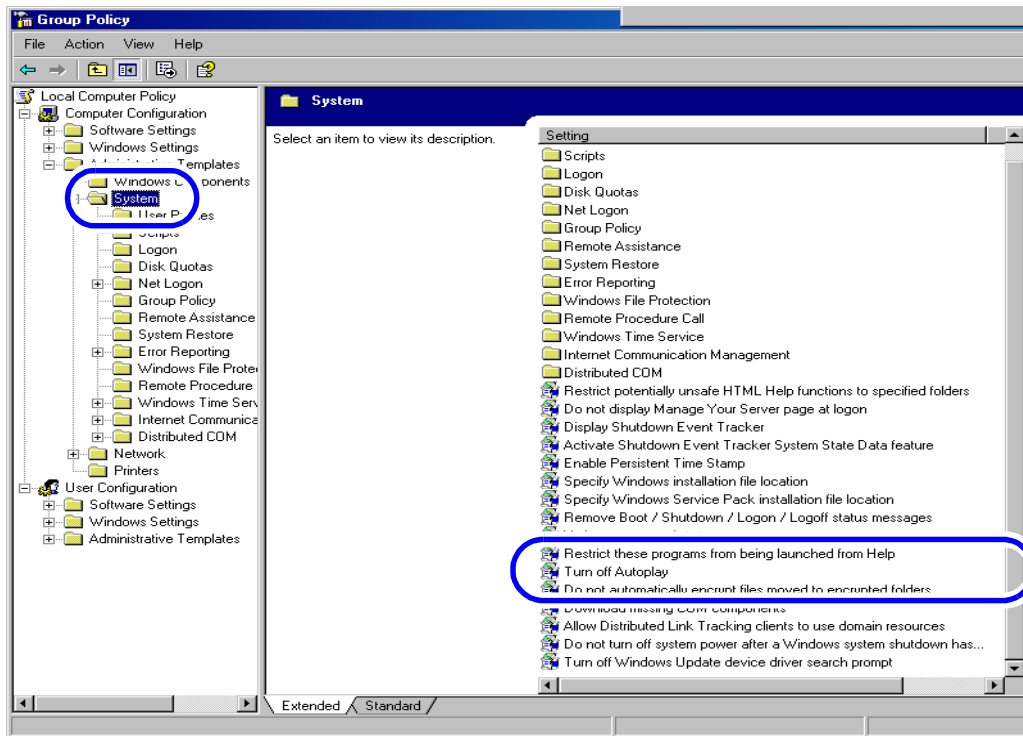


The **Group Policy** display is shown.

S088716

3. Select **Computer Configuration**→ **Administrative Templates**→**System** in the left of the **Group Policy** display.

4. Double-click **Turn off Autoplay**.

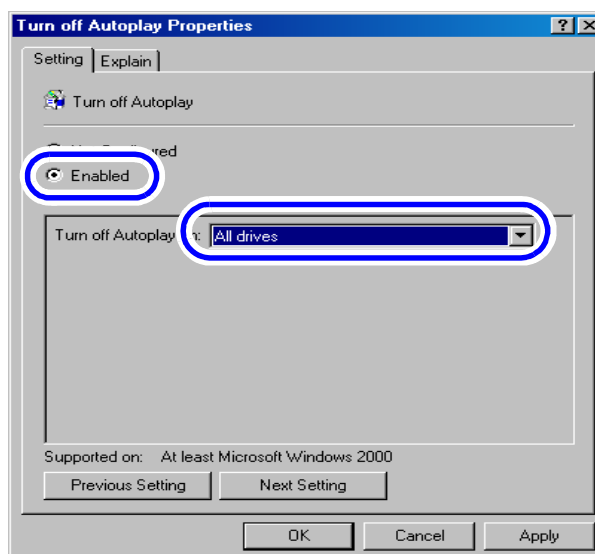


S088717

The **Turn off Autoplay Properties** display is shown.

5. Select **Enabled**.

6. Select **All drives** for **Turn off Autoplay**.



S088718

7. Click **OK**.

- Click × in the upper-right corner of the **Group Policy** display to close it.

This completes the procedure to turn off autoplay of media drives.

For Windows Vista, 7

- Access the **AutoPlay** display.

For Windows Vista

Bringing up the display

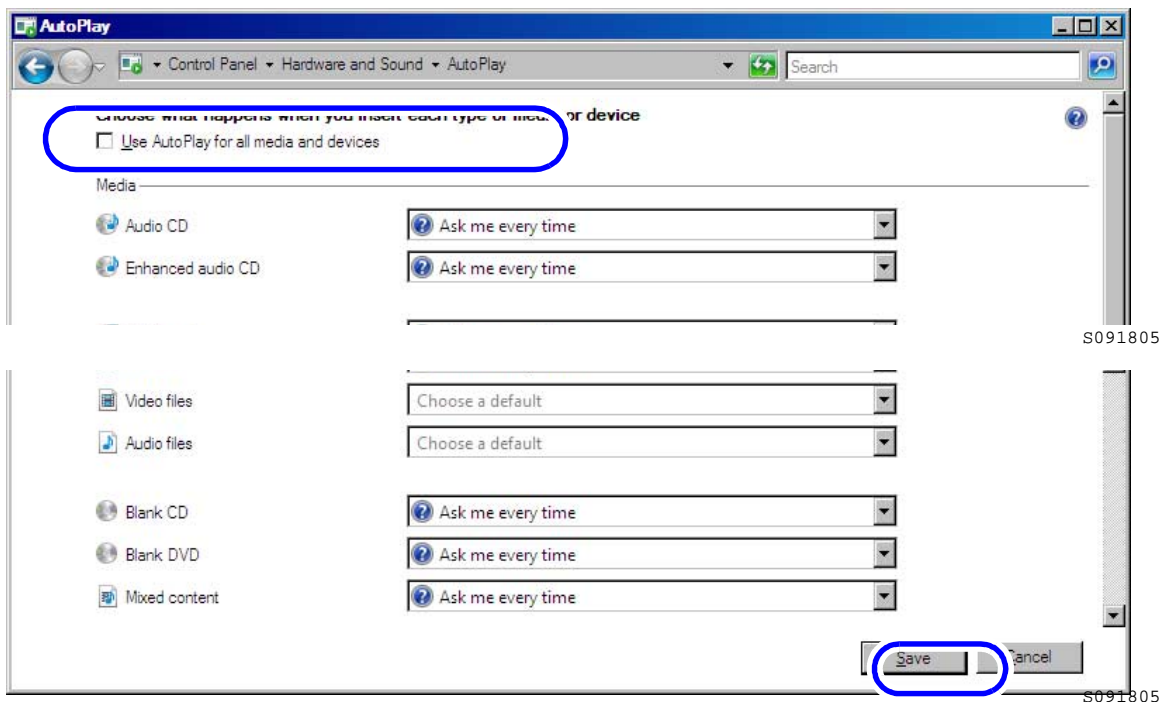
Start → Control Panel → Hardware and Sound → AutoPlay

For Windows 7

Bringing up the display

Start → Control Panel → AutoPlay

- Clear the **Use AutoPlay for all media and drives** check box (☐) and click **Save**.



- Click × in the upper-right corner of the **Control Panel** display to close it.

This completes the procedure to turn off autoplay of media drives.

5.8 Configuring the taskbar settings

This procedure is not necessary for an operation PC purchased from Noritsu, because the settings have been already configured.

Even though the display slightly varies depending on the operating system, the procedure is the same.

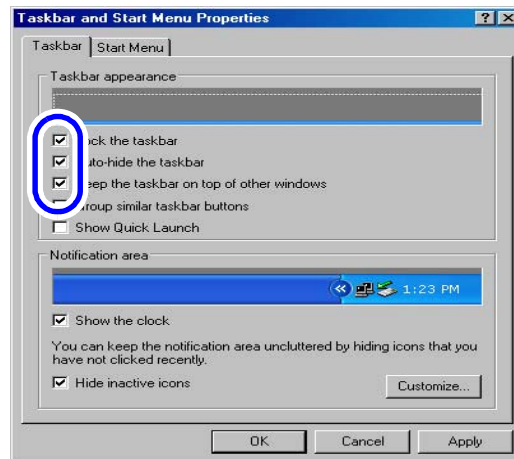
- Right-click on the taskbar at the bottom of the screen and select **Properties**.

The **Taskbar and Start Menu Properties** display is shown.

2. Select the following items and click **OK**.

- Lock the taskbar
- Auto-hide the taskbar
- Keep the taskbar on top of other windows

There is no specification for other settings.



S088719

3. Click **OK** to close the **Taskbar and Start Menu Properties** display.

This completes the procedure to configure the taskbar settings.

5.9 Turning off the hotkey function (shortcut key function) on the resident application

This procedure is not necessary for an operation PC purchased from Noritsu, because the settings have been already configured.

If there are hotkey functions (shortcut key functions) in the resident application (icon shown in the right of taskbar), turning off the function is required.

Hotkey (shortcut key) is a function to operate the frequently-used function with the key operation of keyboard instead of clicking the function on the display.

If the hotkey function (shortcut key function) of the resident application is on, the shortcut key function settings configured on the EZ Controller may not be used.

Confirm the resident application setting, turn off the function if there is a mode for switching the hotkey function (shortcut key function) on or off. If there is no mode for switching the hotkey function (shortcut key function), there is no need to configure.



IMPORTANT

- Releasing the resident is not required.

Example:



G088722

This completes turning off the hotkey function (short cut key) on the resident application.

5.10 Configuring the User Account Control setting

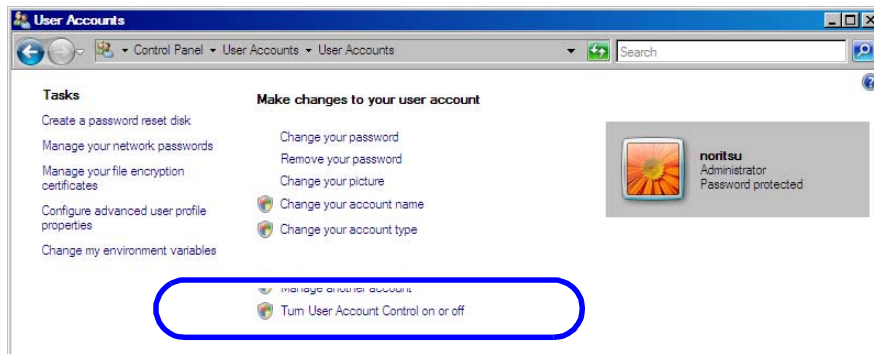
Perform this operation for Windows Vista and 7.

For Windows Vista

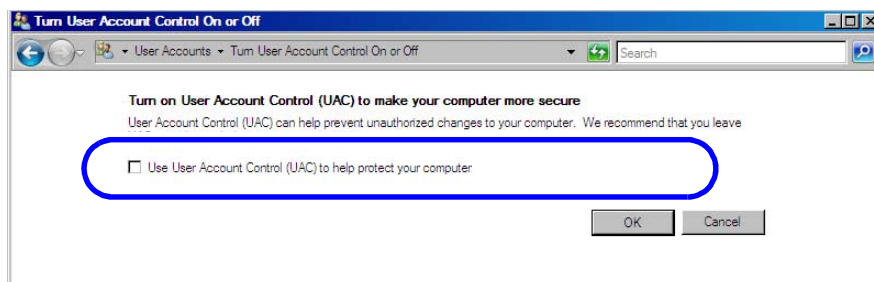
1. Access the **User Accounts** display.

Bringing up the display

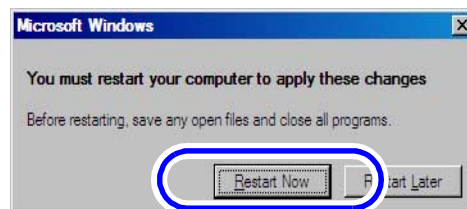
Start → Control Panel → User Accounts → User Accounts

2. Click **Turn User Account Control on or off**.

S091806

3. If the **User Account Control** display is shown, click **Continue**.4. Clear the **Use User Account Control (UAC) to help protect your computer** check box (☐).

S091807

5. Click **OK**.If the following display is shown, click **Restart Now**.

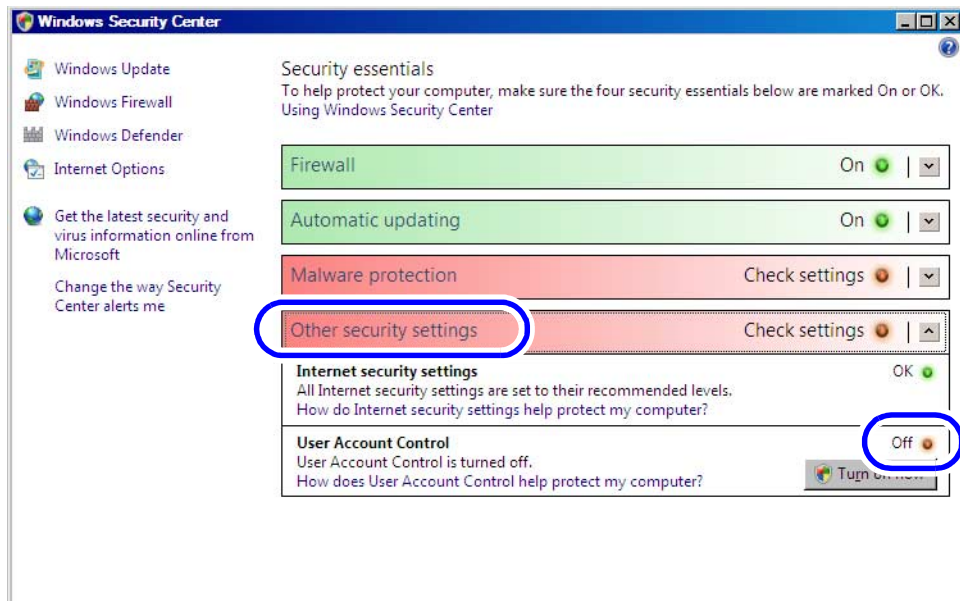
S091808

6. Confirm that **User Account Control** is set to **Off**.(1) Access the **Windows Security Center** display.

Bringing up the display

Start → Control Panel → Security → Security Center

- (2) Click **Other security settings** and confirm that **User Account Control** is set to **Off**.



S091809

- (3) Click × in the upper-right corner of the **Windows Security Center** display to close it.

- (4) Click × in the upper-right corner of the **Security** display to close it.

This completes the procedure to configure the User Account Control setting.

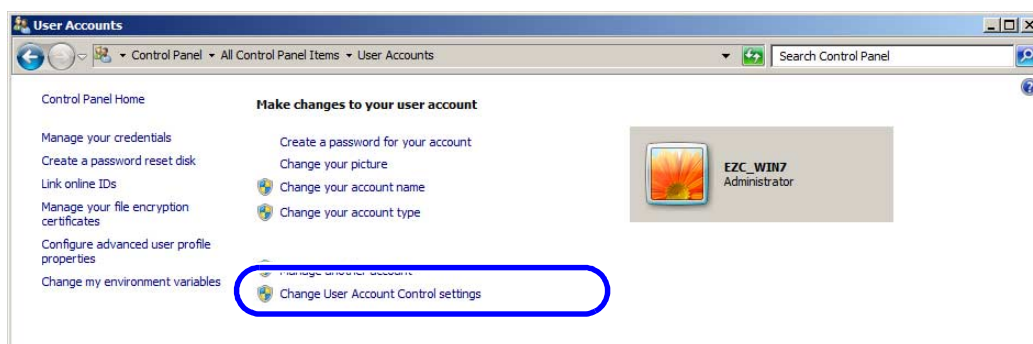
For Windows 7

1. Access the **User Accounts** display.

Bringing up the display

Start → Control Panel → User Accounts

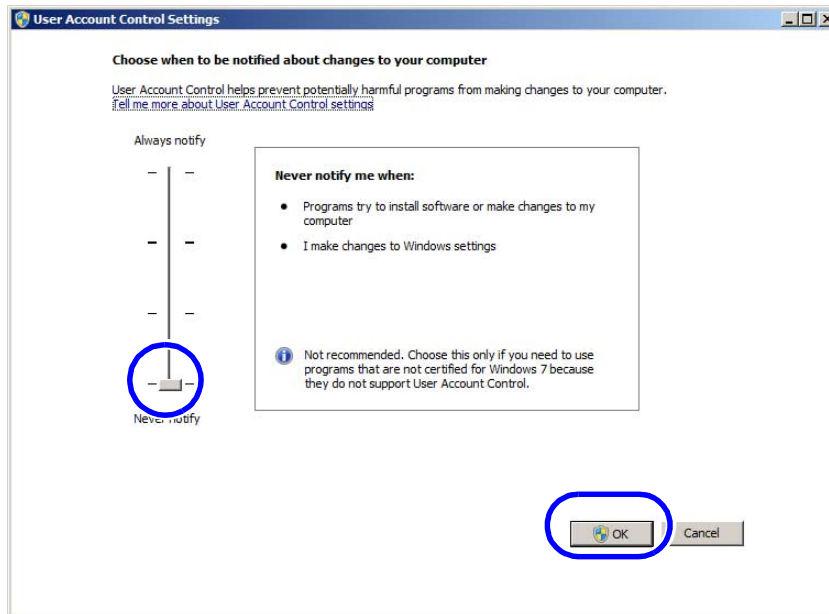
2. Click **Change User Account Control settings**.



S099699

3. Move the slider to the bottom (**Never notify**), and click **OK**.

Example: **User Account Control Settings** display



S099700

4. When the confirmation display is shown, click **Yes**.

5. Restart the PC.

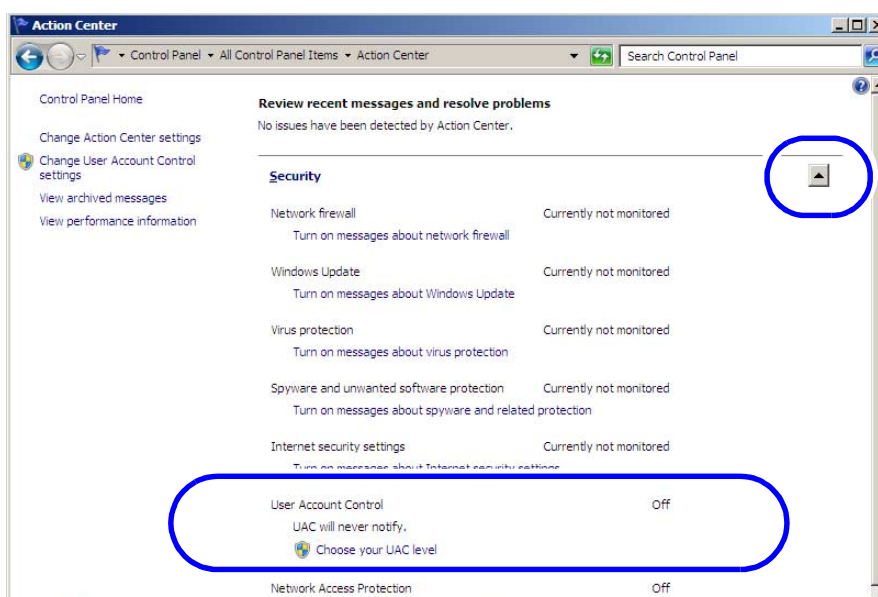
6. Confirm that **User Account Control** is set to **Off**.

(1) Access the **Action Center** display.

Bringing up the display

Start → Control Panel → Action Center

(2) Click the triangle in the right of **Security** and confirm that **User Account Control** is set to **Off**.



S099839

- (3) Click × in the upper-right corner of the **Action Center** display to close it.
This completes the procedure to configure the User Account Control setting.

5.11 Configuring the sidebar setting

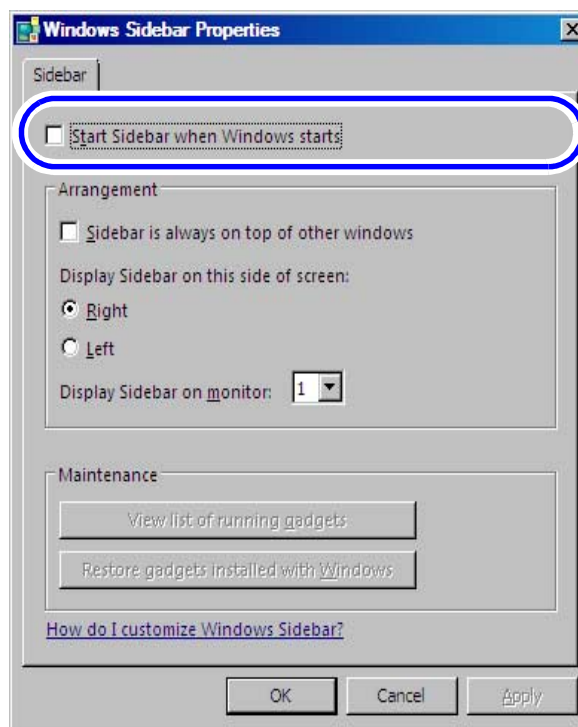
This operation is only for Windows Vista.

1. Access the **Windows Sidebar Properties** display.

Bringing up the display

Start → Control Panel → Appearance and Personalization → Windows Sidebar Properties

2. Clear the **Start Sidebar when Windows starts** check box.



S091810

3. Click **OK**.

4. Click × in the upper-right corner of the **Appearance and Personalization** display to close it.

This completes the procedure to configure the sidebar setting.

5.12 Turning off the Windows automatic update function

When the operation PC of which the EZ Controller has been installed is connected to the internet, updated information of the Windows can be automatically installed. However, because the information may pose a problem for the EZ Controller's operation, turn off the Windows automatic update function.

1. Access the setting display of the Windows automatic update function.

For Windows XP

Bringing up the display

Start → Control Panel → Automatic Updates

For Windows Vista

Bringing up the display

Start → Control Panel → Windows Update → Change settings

For Windows 7

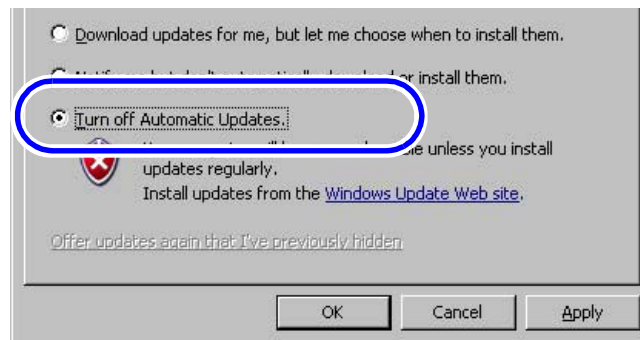
Bringing up the display

Start → Control Panel → Windows Update

2. Turn off the automatic updates.

For Windows XP

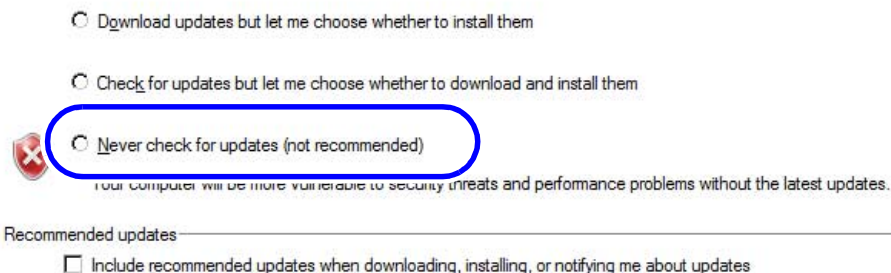
Select **Turn off Automatic Updates** and click **OK**.



S095956

For Windows Vista

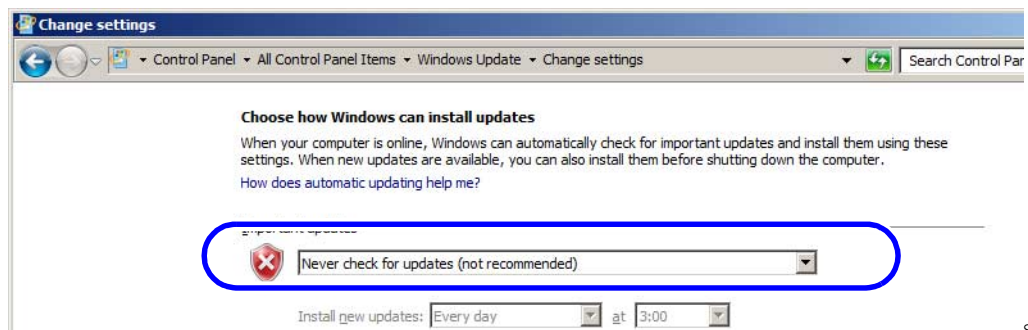
Select **Never check for updates** and click **OK**.



S095957

For Windows 7

Select **Never check for updates** and click **OK**.



S099840

3. Click × in the upper-right corner of the display to close it.

4. Invalidate the Windows security alert.

For Windows XP

- (1) Access the **Security Center** display.

Bringing up the display

Control Panel → Security Center

- (2) Click **Change the way Security Center alerts me**.



G085624

- (3) Clear the **Firewall**, **Automatic Updates** and **Virus Protection** check boxes, and click **OK** on the **Alert Settings** display.



G085623

For Windows Vista

- (1) Access the **Security Center** display.

Bringing up the display

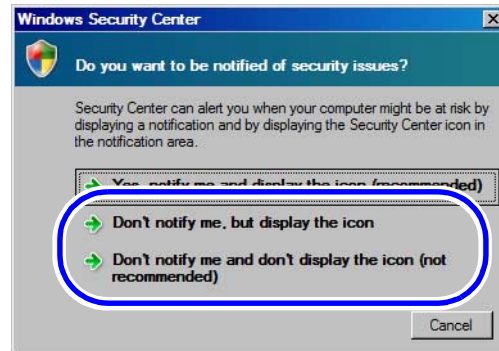
Control Panel → Security Center

- (2) Click **Change the way Security Center alerts me**.



G085624

- (3) Click either **Don't notify me, but display the icon** or **Don't notify me and don't display the icon (not recommended)** on the **Windows Security Center** display.



S099022

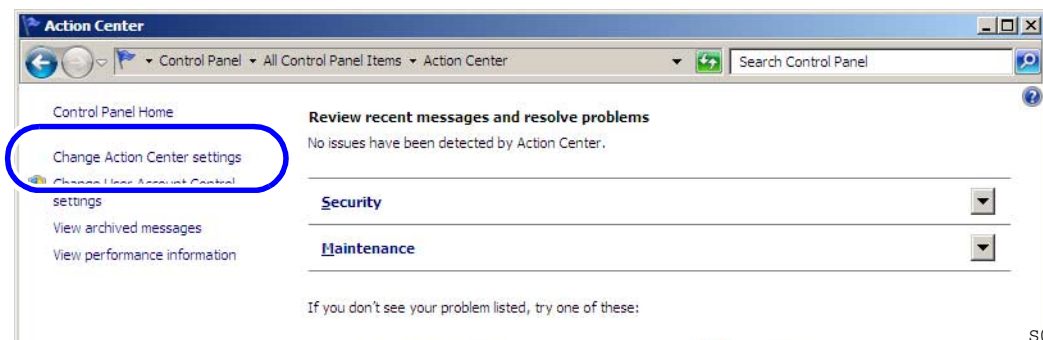
For Windows 7

- (1) Access the **Action Center** display.

Bringing up the display

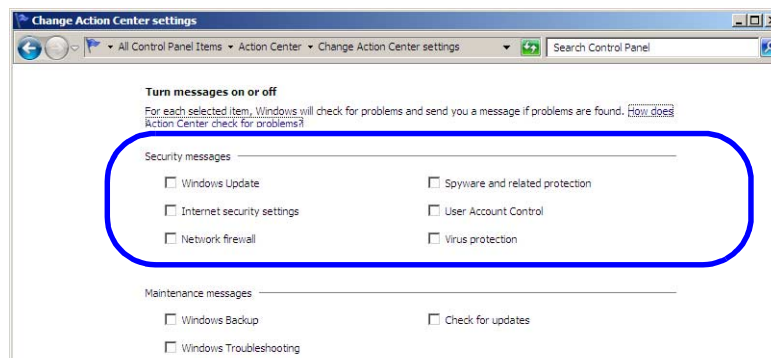
Control Panel → Action Center

- (2) Click **Change Action Center settings**.



S099841

- (3) Clear all check boxes in **Security messages** and click **OK**.



S099842

5. Click × in the upper-right corner of the **Control Panel** display to close it.

This completes the procedure to turn off the Windows automatic update function.

5.13 Automatic logon when turning on the power supply of the PC

You can log on without entering any passwords on the account selection display shown when turning on the PC. The following explanation is for Windows Vista and 7.



IMPORTANT

- Only one user account is available for automatic logon. If multiple user accounts are used, it is best not to configure the setting for automatic logon.

1. Access the **User Accounts** display.

For Windows Vista

Bringing up the display

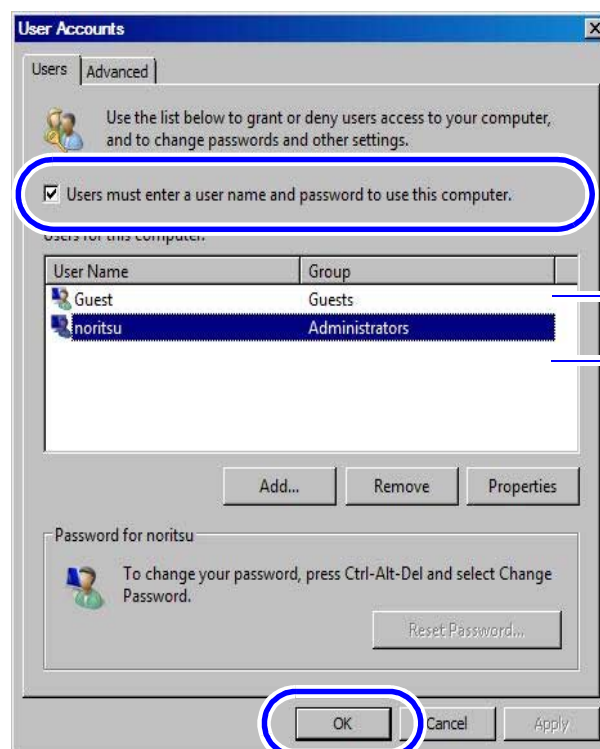
Start → Run → Enter **control userpasswords2** and click **OK**.

For Windows 7

Bringing up the display

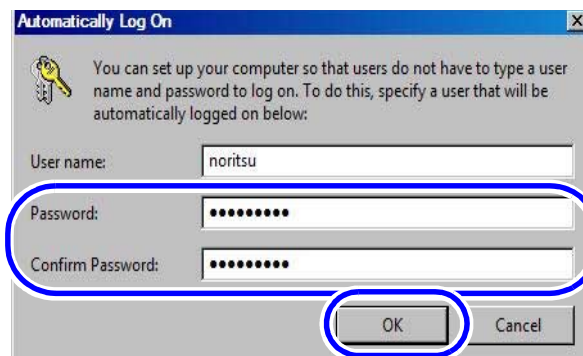
Start → All Programs → Accessories → Run → Enter **control userpasswords2** and click **OK**.

2. Deselect **Users must enter a user name and password to use this computer** and click **OK**.



S097239

3. Enter the **Password** and **Confirm Password** of the selected user account and click **OK**.



S097240

This completes setting for automatic logon when turning on the PC.

6 Installing the EZ Controller Software (only for the PC prepared by the customer)

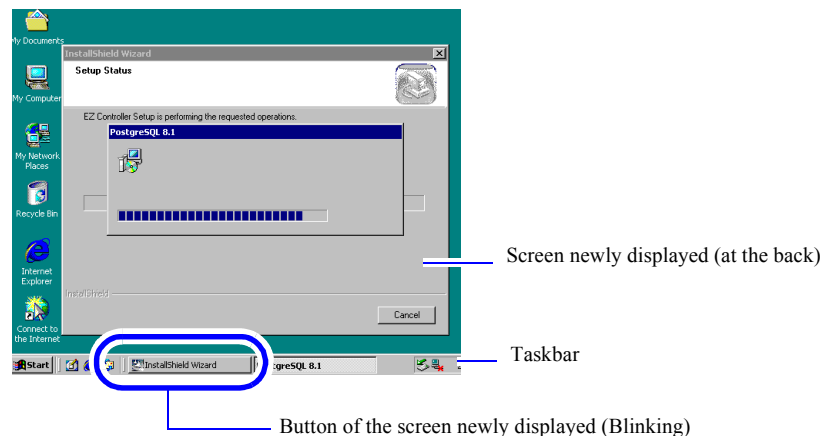
If you purchased the EZ Controller and operation PC together from Noritsu, this installation is not necessary because the software has already been installed on.



IMPORTANT

- If two-byte characters are used in the user name for logon to Windows on the PC prepared by the customers, change the characters to English one-byte characters.
If any 2-byte characters are used in the user name, the EZ Controller is not normally installed.
- Applications installed from step 6.2 to 6.8 may be already installed depending on environment of the OS of the operation PC. In this case, the installation for the next application will be started.
- A screen newly displayed may not come to the front while the software is installed (when the screen is switched). In such a case, click the blinking button on the taskbar. Then, the screen comes to the front. Continuously install the software with the following procedure.

Example:



S088428

6.1 Installation procedure

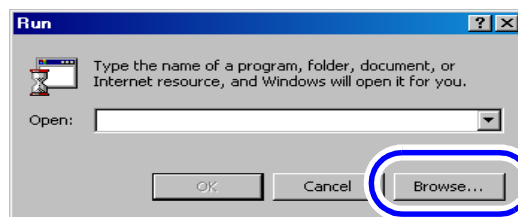
1. Insert the supplied Controller Software CD-ROM.

2. Run the installer.

(1) Select **Start** → **Run**.

The **Run** display is shown.

(2) Click **Browse**.



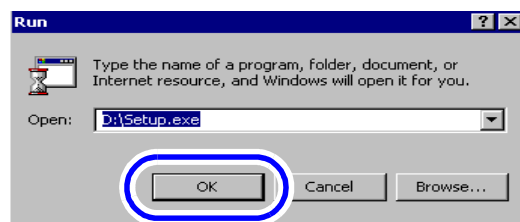
The **Browse** display is shown.

(3) Select the drive to which the CD-ROM was inserted → **Setup.exe**, and click **Open**.

Although the display slightly varies depending on the operating system, the procedure is the same.

S082377

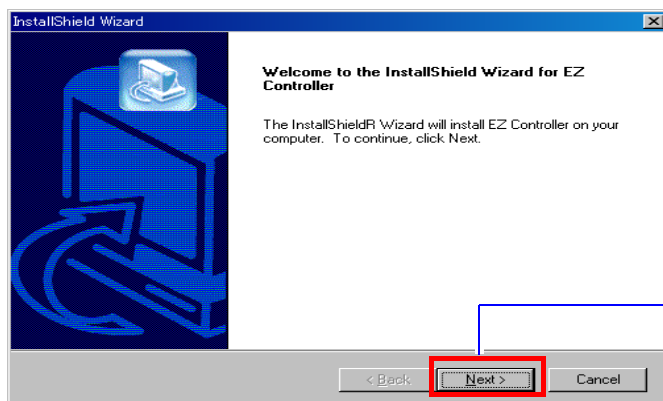
(4) Click **OK**.



Although the display slightly varies depending on the operating system, the procedure is the same.

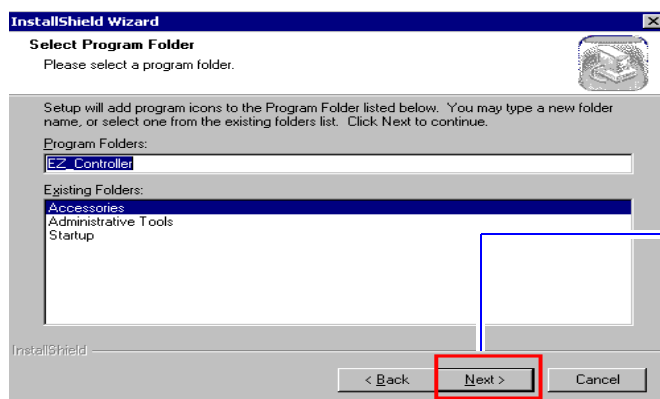
S088113

The installer starts and the **InstallShield Wizard** display is shown.



1 Click **Next**.

S099683



2 Click **Next** without selecting any setting.

S087699



3 Click **OK**.

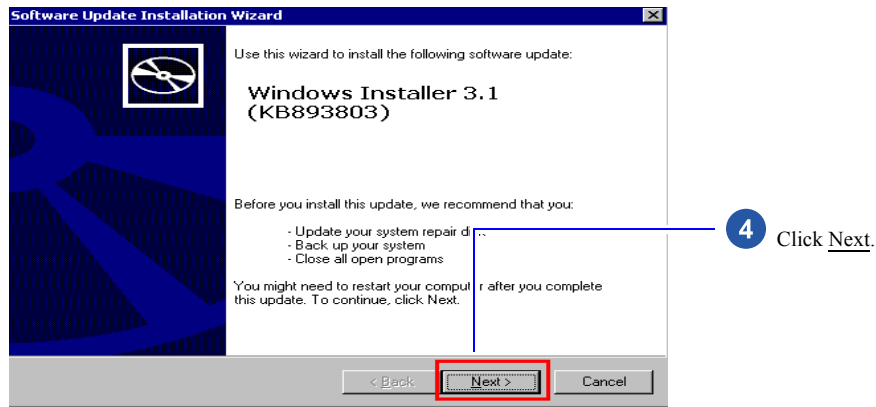
IMPORTANT • Do not connect the USB hardware key. Do not connect it until the instruction is given in this manual.

Next, install Windows Installer 3.1.

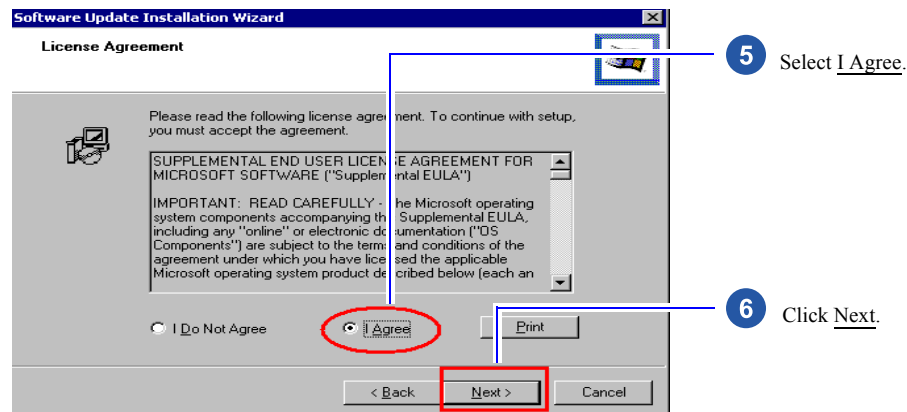
S099388

6.2 Installing Windows Installer 3.1

If the installation display of **Windows Installer 3.1** is not shown, go to [6.3 Installing Microsoft Visual C++ 2005 SP1 Redistributable](#).

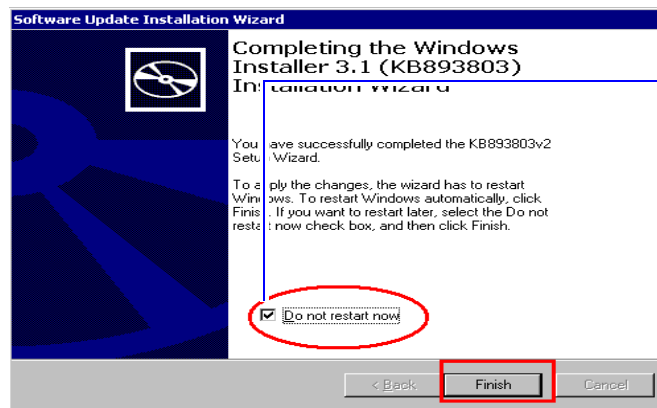


License Agreement is shown.



S087700

S087701



7

Select Do not restart now.



IMPORTANT

- The installation is continued even if you do not select it. Be sure to select Do not restart now because the restarting at the end of the installation may take several minutes.

8

Click Finish.

Next, install the Microsoft Visual C++ 2005 Redistributable.
License Agreement is shown.

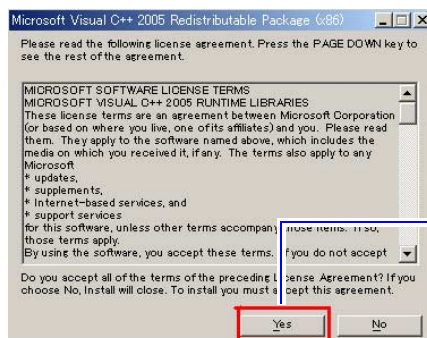
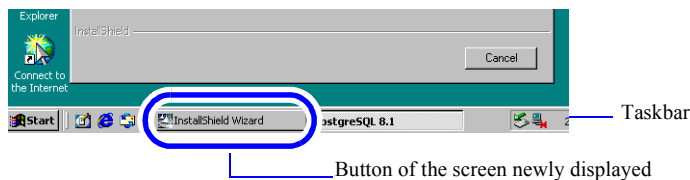
S087702

6.3 Installing Microsoft Visual C++ 2005 SP1 Redistributable

If the installation display of **Microsoft Visual C++ 2005 SP1 Redistributable** is not shown, go to [6.4 Installing Microsoft .NET Framework Version 3.0](#).

If the display does not change to the following installation display, click the button of the screen newly displayed on the taskbar. The screen newly displayed comes to the front.

Example:



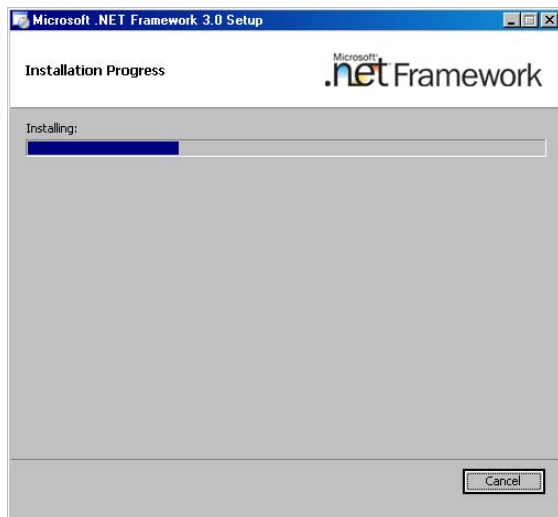
9

Click Yes.

S088428

S087703

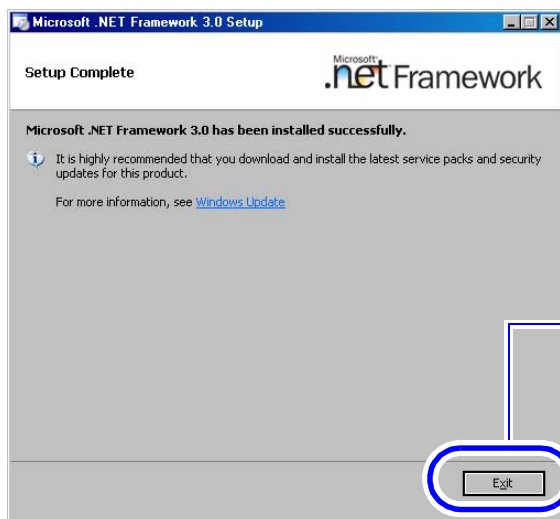
6 Installing the EZ Controller Software (only for the PC prepared by the customer)



- 14 Wait until the Microsoft .NET Framework 3.0 installation is finished.



The completion screen is shown after the Microsoft .NET Framework 3.0 installation is finished.



- 15 Click Exit.



Next, install the PostgreSQL8.1.

S091228

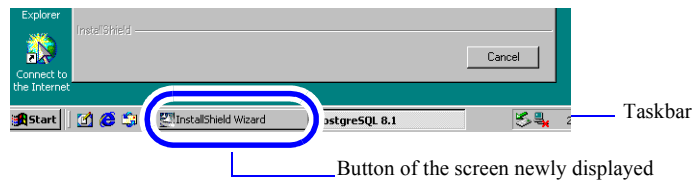
S091229

6.5 Installing the PostgreSQL8.1

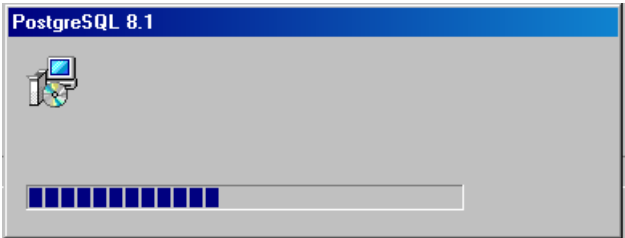
If the installation display for the **PostgreSQL8.1** is not shown, go to [6.6 Installing MSXML 4.0 SP2 Parser and SDK](#).

If the display does not change to the following installation display, click the button of the screen newly displayed on the taskbar. The screen newly displayed comes to the front.

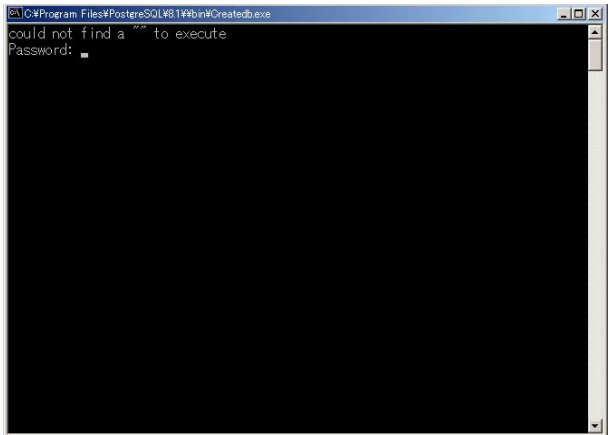
Example:



S088428



S089348



16 Wait for a while until the display is closed.



Next, install the MSXML 4.0 SP2 Parser and SDK.



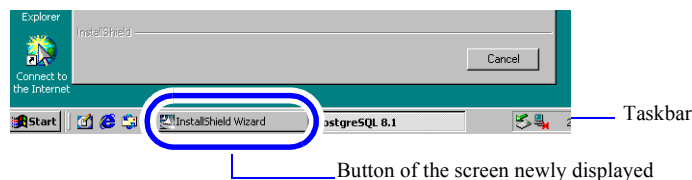
G087707

6.6 Installing MSXML 4.0 SP2 Parser and SDK

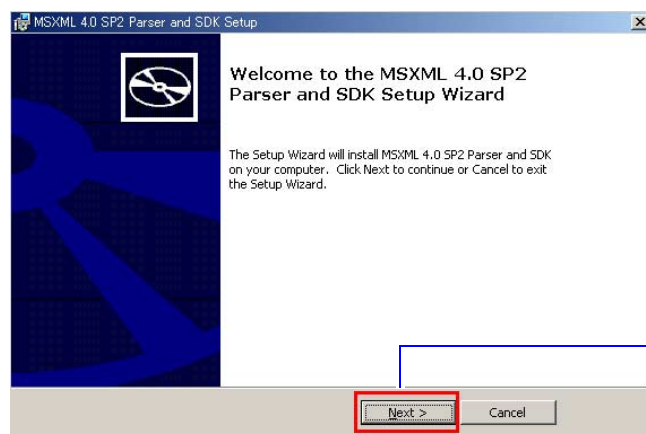
If the installation display of **MSXML 4.0 SP2 Parser and SDK** is not shown, go to [6.7 Installing MSXML 6.0 Parser](#).

If the display does not change to the following installation display, click the button of the screen newly displayed on the taskbar. The screen newly displayed comes to the front.

Example:

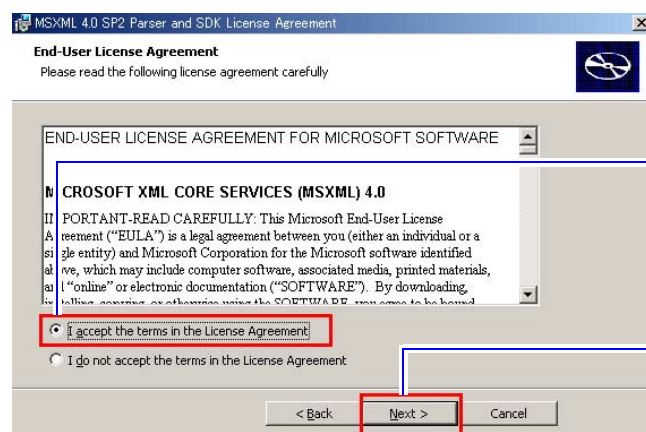


S088428



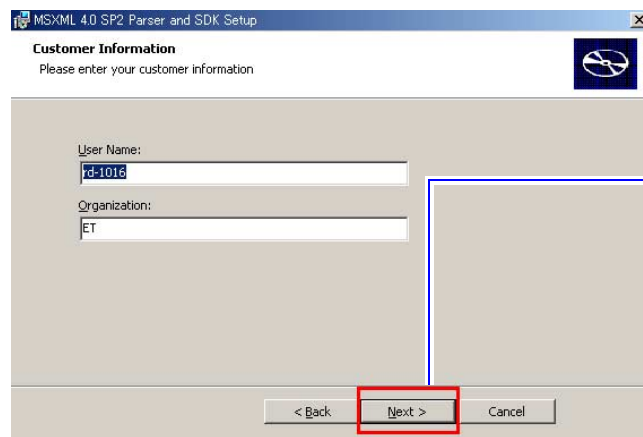
License Agreement is shown.

S087708



S087709

6 Installing the EZ Controller Software (only for the PC prepared by the customer)



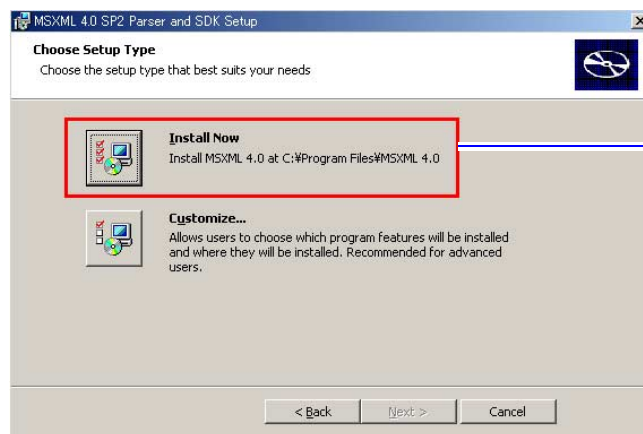
20 Click Next.

NOTE

- Information such as the name of the operation PC on which the software is installed is shown in User Name and Organization. You do not need to change those.



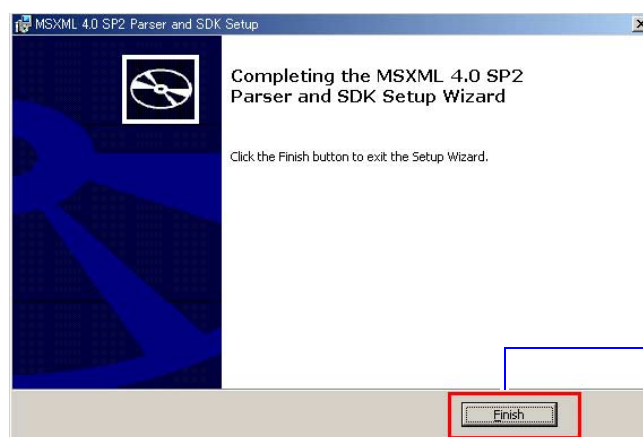
S087710



21 Click Install Now.




S087711



22 Click Finish.



Next, install the Hotfix.
For Windows Vista, go to  6.8 Installing Sentinel Protection Installer 7.6.1.
License Agreement is shown.

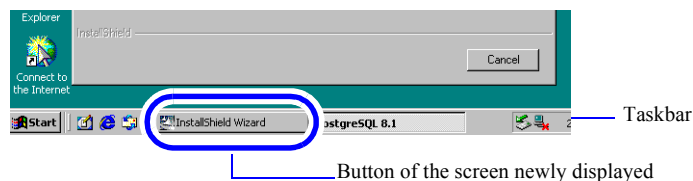


S087712

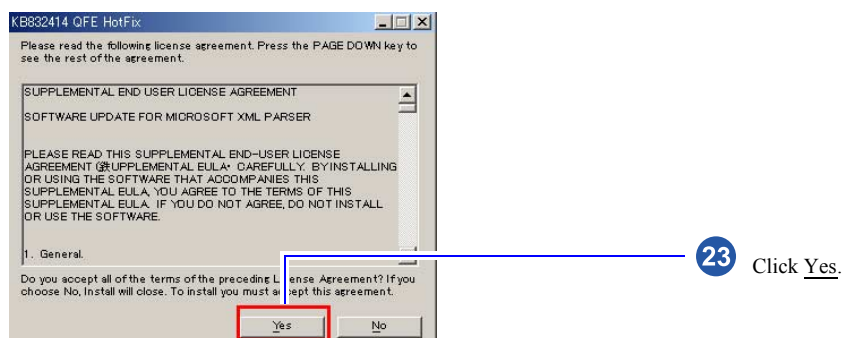
6 Installing the EZ Controller Software (only for the PC prepared by the customer)

If the display does not change to the following installation display, click the button of the screen newly displayed on the taskbar. The screen newly displayed comes to the front.

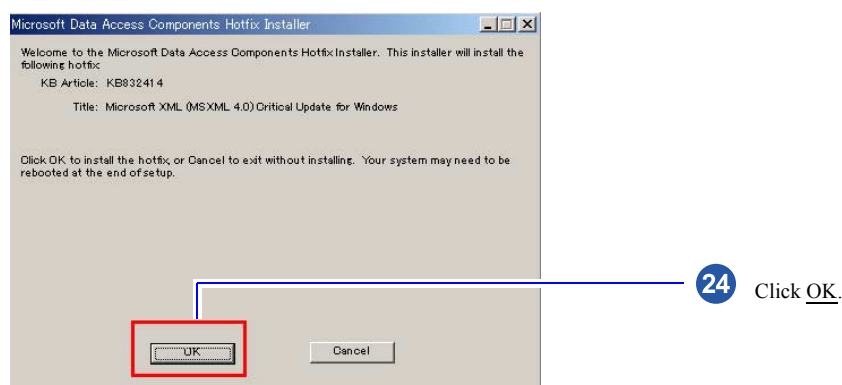
Example:



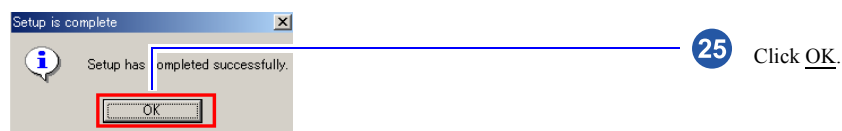
S088428



S087713



S087714



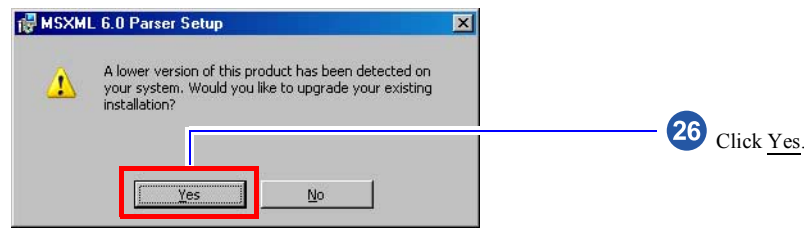
Next, install the MSXML 6.0 Parser.

S087715

6.7 Installing MSXML 6.0 Parser

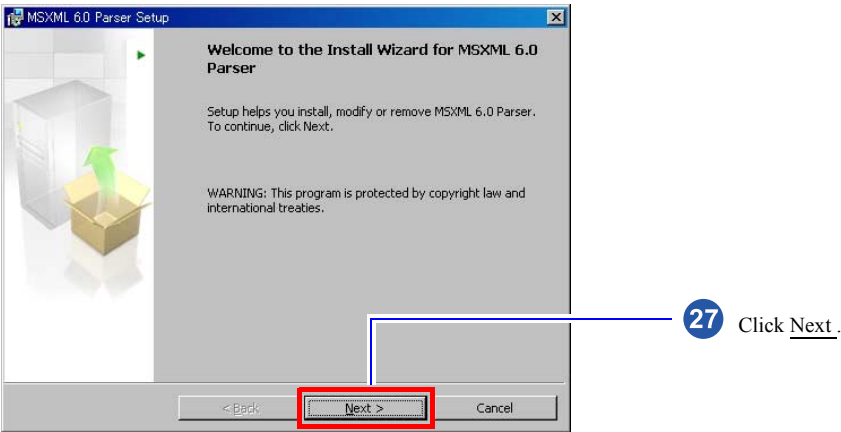
If the installation display of **MSXML 6.0 Parser** is not shown, go to [6.8 Installing Sentinel Protection Installer 7.6.1](#).

Go to the next step if this display is not shown.



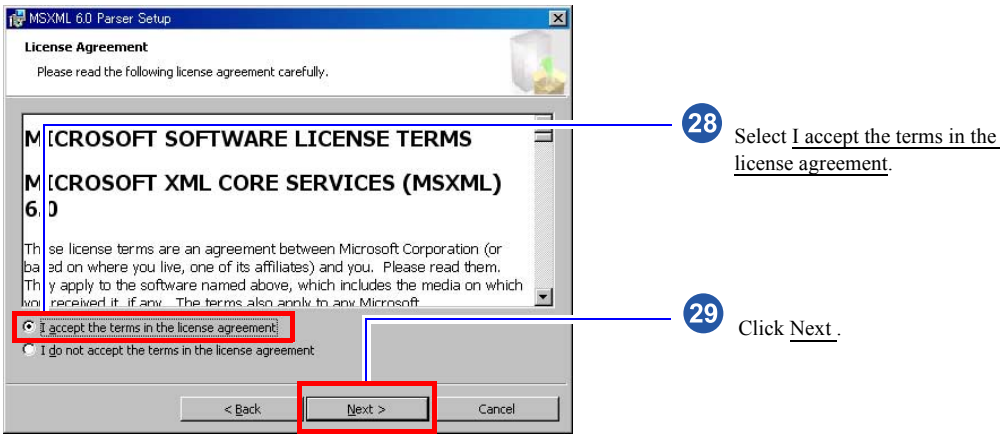
The installation of MSXML 6.0 Parser starts.

S091139



License Agreement is shown.

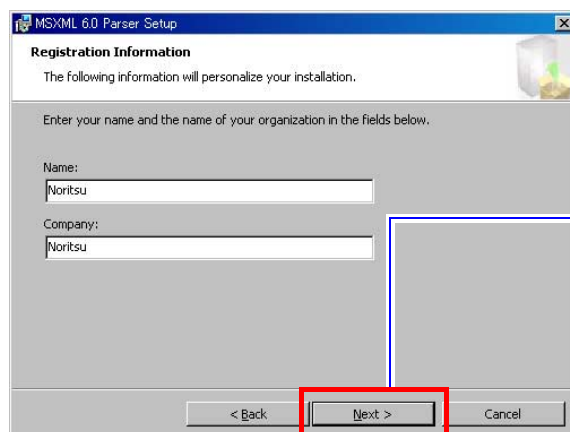
S088694



S088695

6 Installing the EZ Controller Software (only for the PC prepared by the customer)

Example:



30

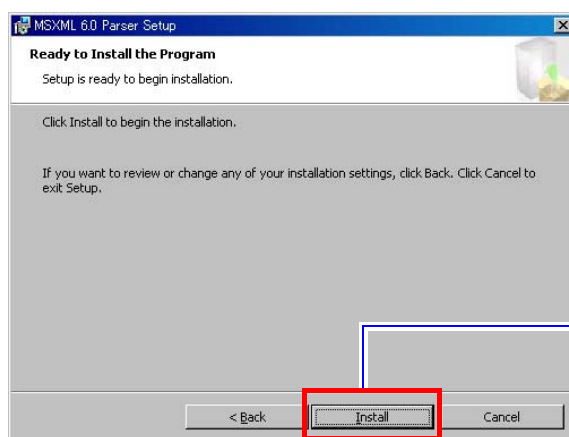
Click Next.

NOTE

- You do not need to change the Name and Company which are shown.



S088696



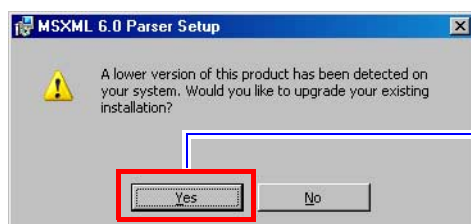
31

Click Install.



S088697

If the following display is not shown, go to the next step.



32

Click Yes.



S091139



33 Click Finish.

Next, install the Sentinel Protection Installer 7.6.1.

S088698

6.8 Installing Sentinel Protection Installer 7.6.1

If the installation display of **Sentinel Protection Installer 7.6.1** is not shown, go to [6.9 Installing the EZ Controller](#).

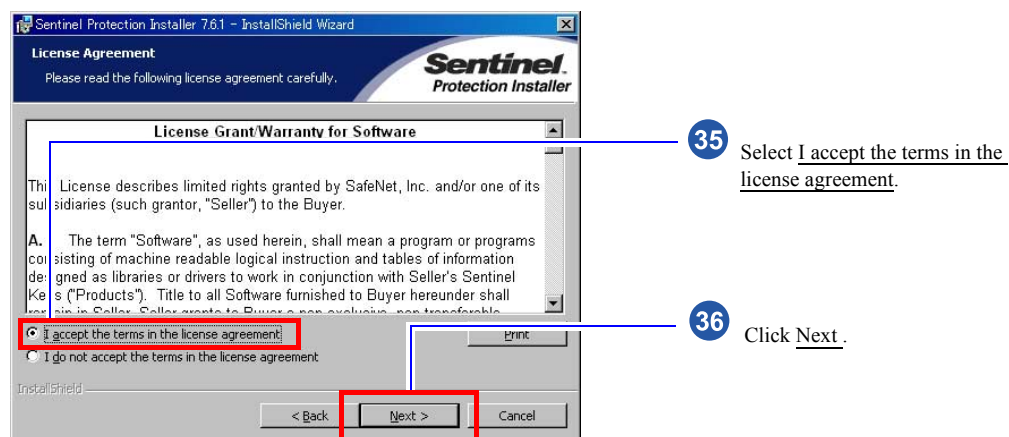


34 Click Next.

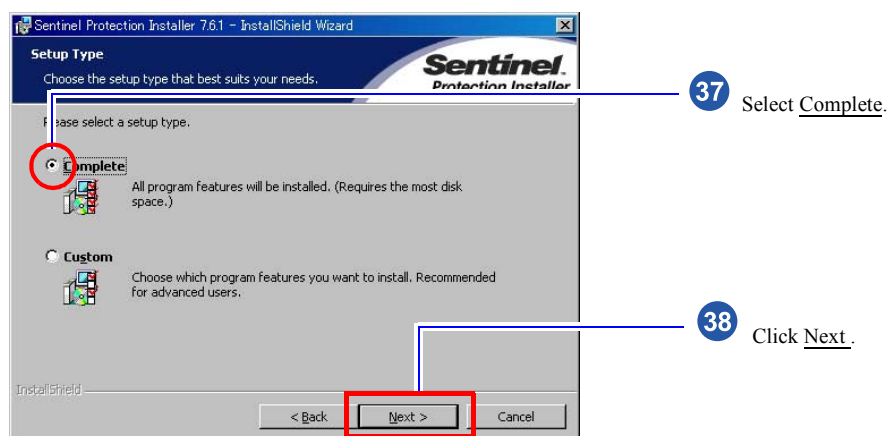
License Agreement is shown.

S088641

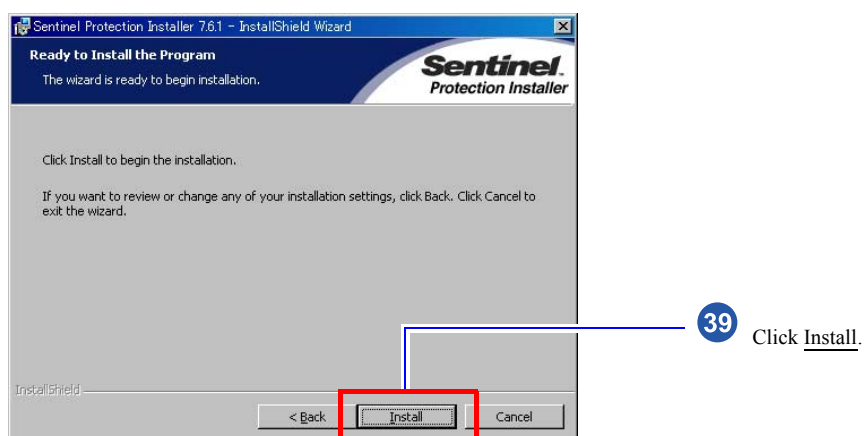
6 Installing the EZ Controller Software (only for the PC prepared by the customer)



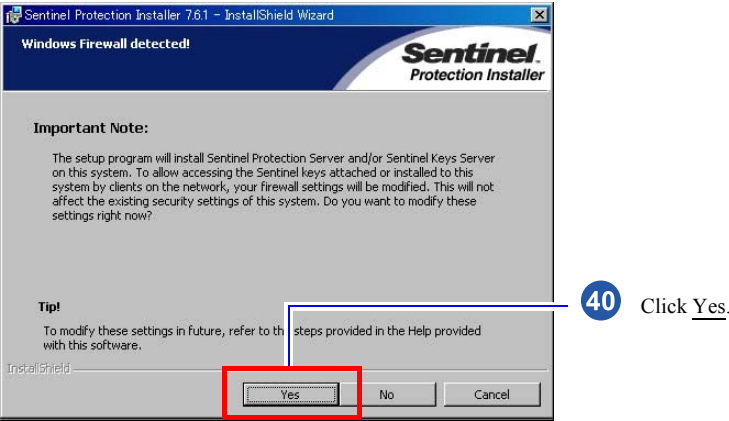
S088642



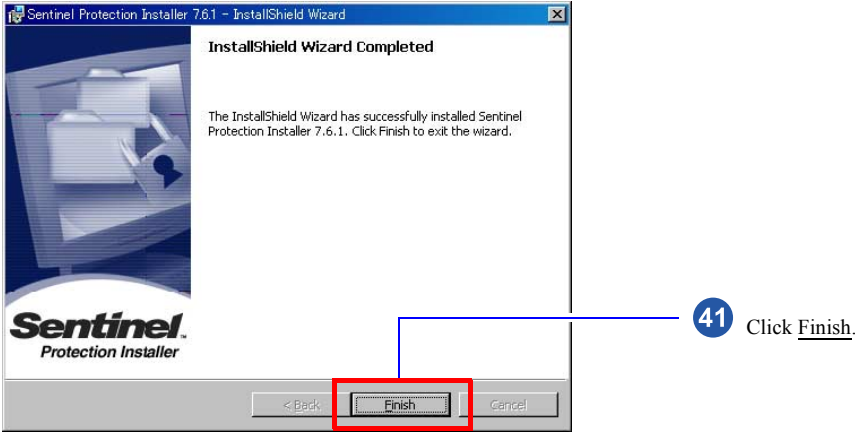
S088643



S088644

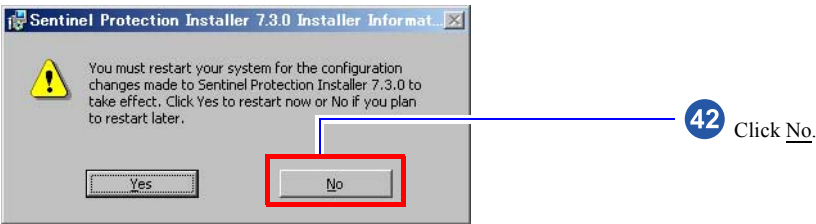


S088739

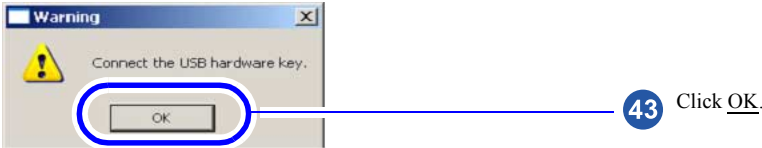


S088646

This display may not be shown depending on the setting. Go to the next step if this display is not shown.

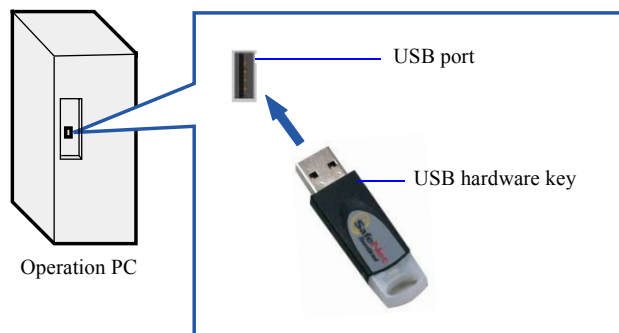


S088631



S099389

Example:

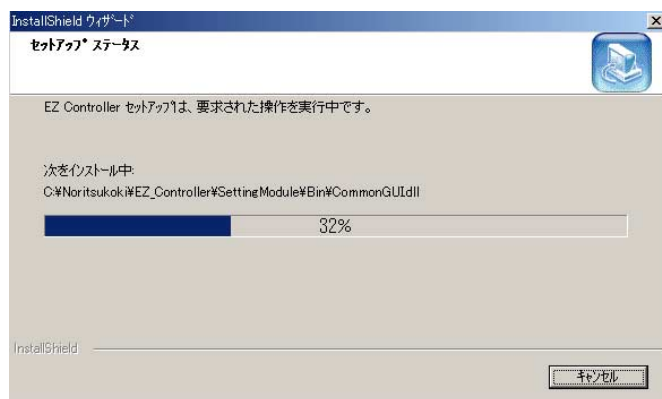


- 44** Connect the supplied USB hardware key to the USB port of the operation PC.
You can connect it to any USB port.

Installing the EZ Controller starts.

G088704

6.9 Installing the EZ Controller

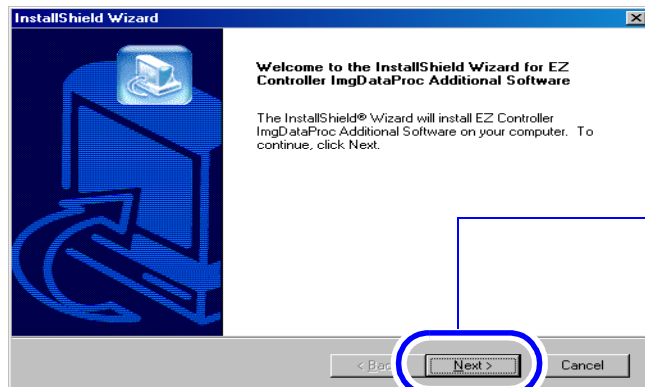


- 45** Wait for seconds until the installation is completed.

Next, install the EZ Controller ImgDataProc Additional Software.

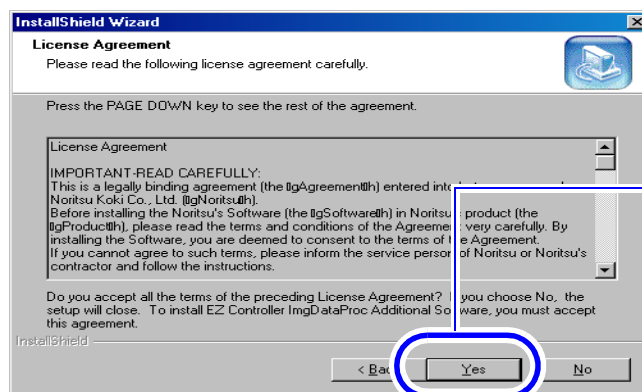
S088703

6.10 Installing the EZ Controller ImgDataProc Additional Software.



46 Click Next.

The confirmation display of License Agreement is shown.



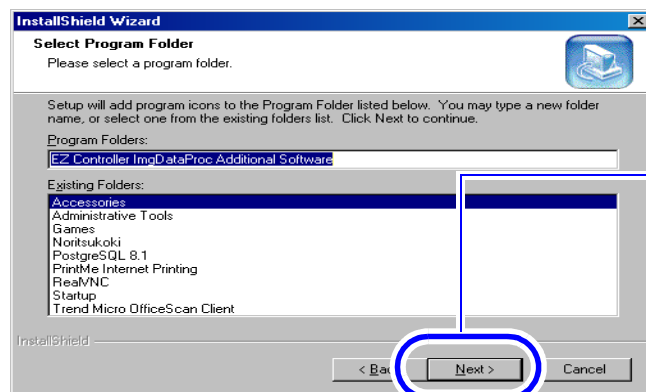
47 Click Yes.

The confirmation display of the location to save the program is shown.

S091231

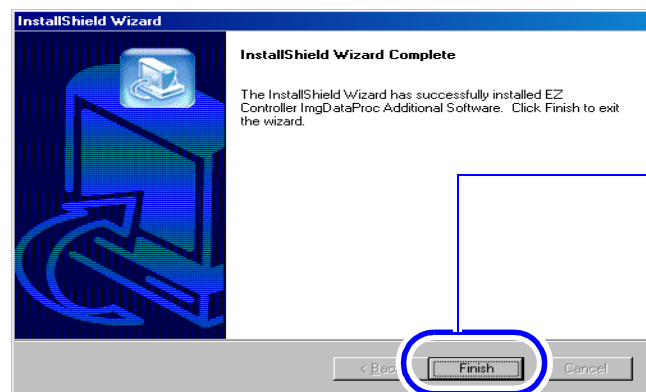
S091232

6 Installing the EZ Controller Software (only for the PC prepared by the customer)



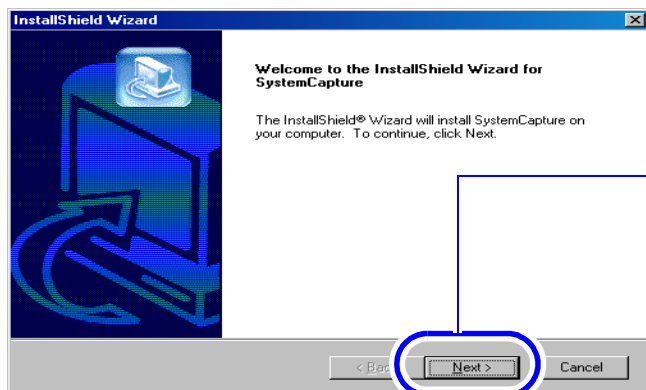
48 Click Next without selecting any setting.

The EZ Controller ImgDataProc Additional Software installation starts. The completion screen is shown after the installation is finished.



49 Click Finish.

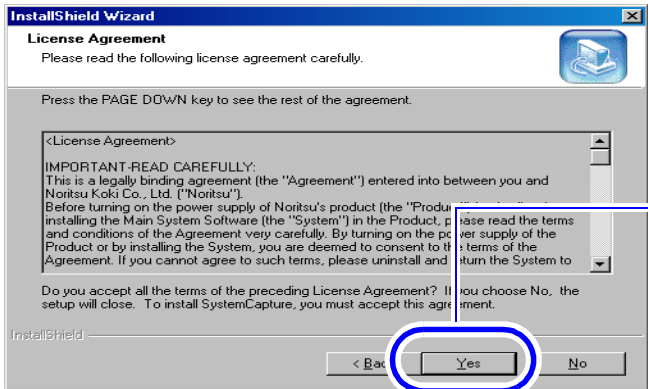
Next, install the SystemCapture.



50 Click Next.

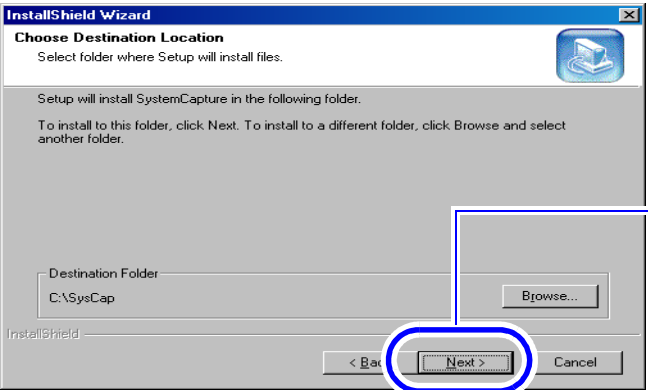
The confirmation display of License Agreement is shown.

6.11 Installing the System Capture



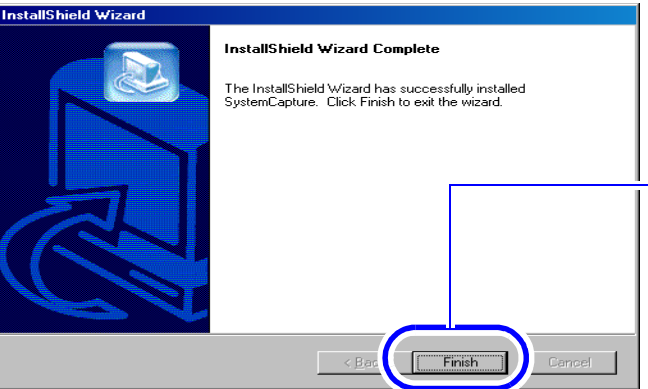
51 Click Yes.

The confirmation display of the location to save the program is shown.



52 Click Next without changing any setting.

The SystemCapture installation starts. The completion screen is shown after the installation is finished.



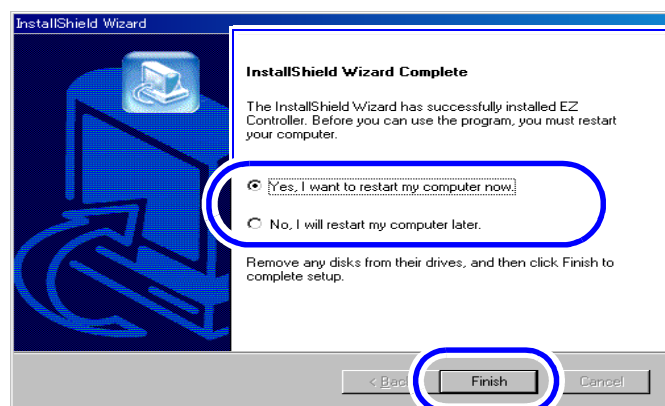
53 Click Finish.

S091236

S091237

S091238

6 Installing the EZ Controller Software (only for the PC prepared by the customer)



54 For Windows XP
Select Yes, I want to restart the PC now.

For Windows Vista / 7
Select No, I will restart my computer later.

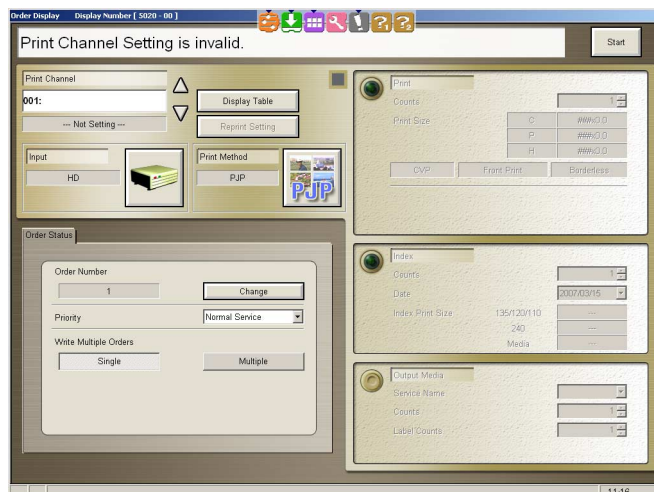
55 Click Finish.

For Windows XP
The operation PC restarts.

For Windows Vista / 7
Next, go to [6.12 Configuring LAN Manager authentication level.](#)

The EZ Controller automatically starts up, then the Order Display is shown.

S099684



S5020-00-SM01

If the EZ Controller does not start up normally, the installation is not completed correctly. Follow the instructions explained in [6.15 If failed to install the software.](#)



IMPORTANT

- The following message may be shown for several times when starting the EZ Controller. Click **Unblock.**

Even if the message is shown when the EZ Controller is started up correctly, installing the software is successful.

Example:



S088393

Go to [6.13 Language setting](#).

6.12 Configuring LAN Manager authentication level

Perform this operation for Windows Vista and 7.

Even though the display slightly varies depending on the operating system, the procedure is the same.

1. Access the **Administrative Tools** display.

For Windows Vista

Bringing up the display

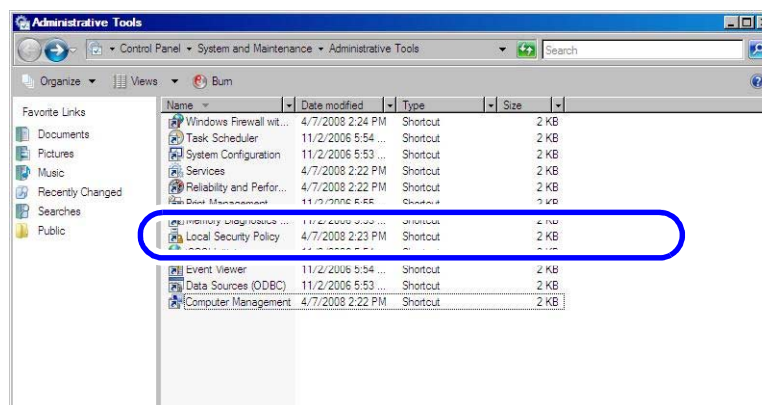
Start → Control Panel → System and Maintenance → Administrative Tools

For Windows 7

Bringing up the display

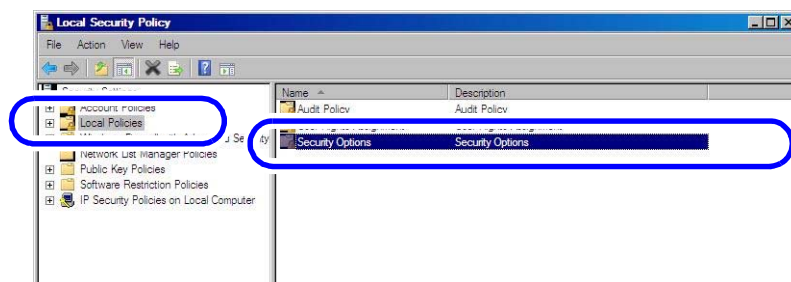
Start → Control Panel → Administrative Tools

2. Double-click **Local Security Policy**.



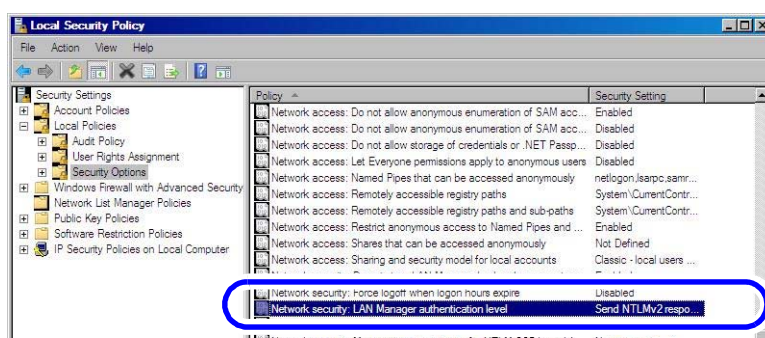
S092097

3. Select **Local Policies** and double-click **Security Options**.



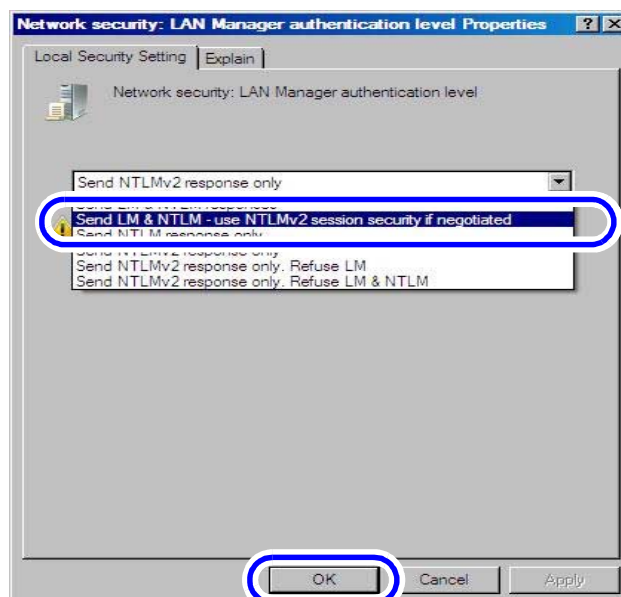
S092098

4. Double-click **Network security: LAN Manager authentication level**.



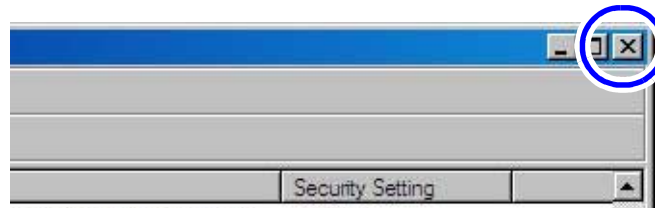
S092099

5. Select **Send LM & NTLM - use NTLMv2 session security if negotiated**, and click **OK**.



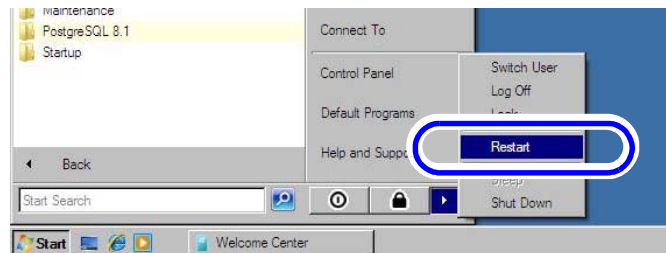
S092100

6. Click × in the upper-right corner of the window to close it.



S092099

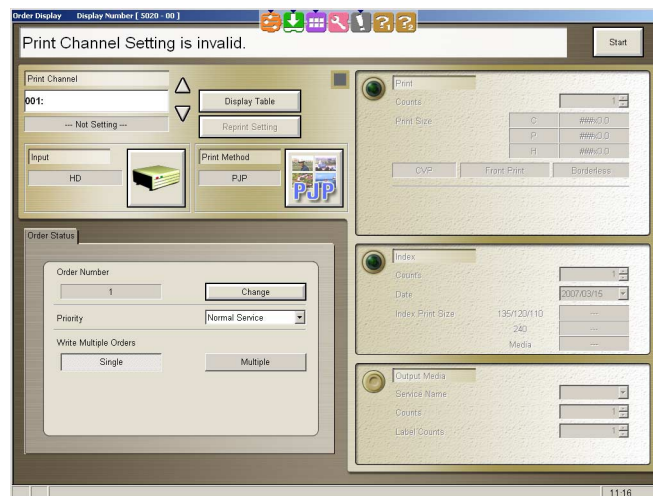
7. Select **Restart** with the direction keys and press the **Enter** key.



S091629

The operation PC restarts.

The EZ Controller automatically starts up, then the Order Display is shown.



S5020-00-SM01

If the EZ Controller does not start up normally, the installation is not completed correctly. Follow the instructions explained in 6.15 If failed to install the software.



IMPORTANT

- The following message may be shown for several times when starting the EZ Controller.
For Windows Vista, click **Unblock**.
For Windows 7, select **Public networks, such as those in airports and coffee shops (not recommended)** and click **Allow access**.

Even if the message is shown when the EZ Controller is started up correctly, installing the software is successful.

Example:



S088393

Go to [6.13 Language setting](#).

6.13 Language setting

1. Change the language to be used as needed.

The displayed language is English after installing the EZ Controller. Change the language to be used as needed.

- (1) Click the **Controller Main Display** icon of the Switcher on the screen.



G087850

The **Controller Main Display** is shown.

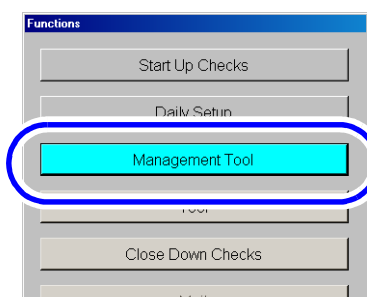
- (2) Click **F** on the **Controller Main Display**.



S5001-00-SM15

The **Function** display is shown.

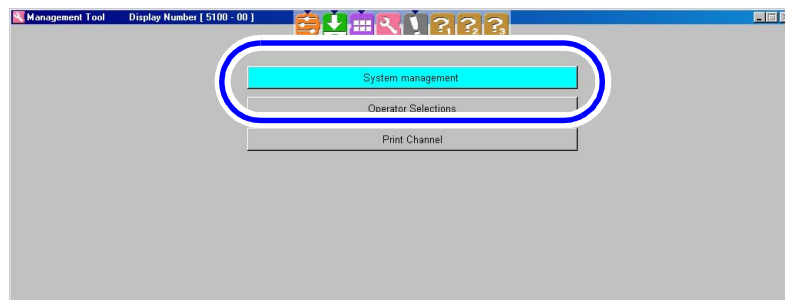
- (3) Click **Management Tool**.



S089525

The **Management Tool** display is shown.

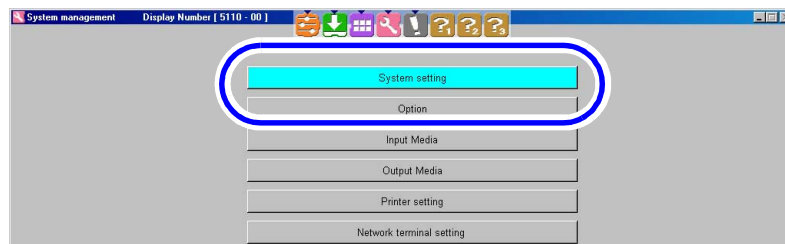
- (4) Click **System management**.



S5100-00-SM02

The **System management** display is shown.

- (5) Click **System setting**.



S5110-00-SM02

The **System setting** display is shown.

- (6) Click ▼ and select **Language**.



S5111-00-SM01

- (7) Click **OK**, then click **Back**.

The **System management** display is shown again.

- (8) Click **Back**.

The **Management Tool** display is shown again.

- (9) Click **Exit**.

The **Controller Main Display** display is shown again.

2. Exit the application of the EZ Controller to perform next step.

- (1) If the **Controller Main Display** is not shown, click the **Controller Main Display** icon of the Switcher on the screen.



G087850

Controller Main Display is shown.

- (2) Click **F** on the Controller Main Display.

(3) Click **Quit The Application**.



S5001-00-UM07

The application quits.

This completes the setting of the language.

Go to [6.14 Installation and setup of antivirus software](#).

6.14 Installation and setup of antivirus software



IMPORTANT

- The EZ Controller CD includes **ESET NOD32 Antivirus**. This antivirus software constantly monitors viruses while the PC is running, and prevents the system from being infected. Install the antivirus software following the procedure below as needed. However, if the software is installed on the PC prepared by the customers, the operation of the software cannot be guaranteed.

To use the EZ Controller on a Windows 7 PC, install **ESET NOD32 Antivirus Ver. 4.0**.

If using the EZ Controller on a Windows XP or Vista PC, install either Ver. 3.0 or Ver. 4.0.

Installation procedure

1. If any other antivirus software than **ESET NOD32 Antivirus** has been installed, uninstall it.

For details about the uninstallation procedure, see the antivirus software manual.



IMPORTANT

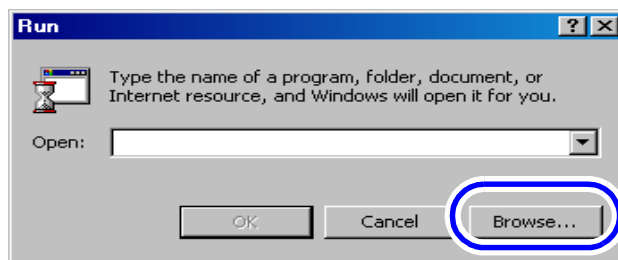
- If any other antivirus software than **ESET NOD32 Antivirus** has been installed, **ESET NOD32 Antivirus** may not work correctly. Be sure to uninstall any other antivirus software than **ESET NOD32 Antivirus**.

2. Run the installer.

(1) Select **Start** → **Run**.

The **Run** display is shown.

(2) Click **Browse**.



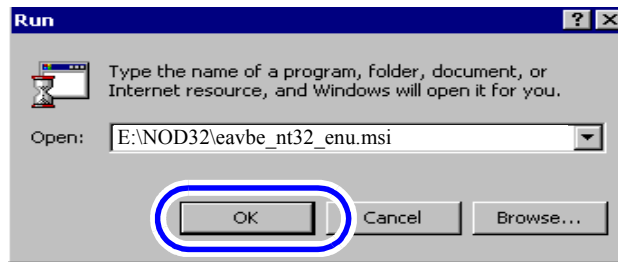
S082377

The **Browse** display is shown.

(3) Select **All Files** for **Files of type:** in the lower of the **Browse** display.

(4) Select the drive to which the CD-ROM is inserted on the **Browse** display → **NOD32** → **V3.0** or **V4.0** → **eavbe_nt32enu.msi**, then click **Open**.

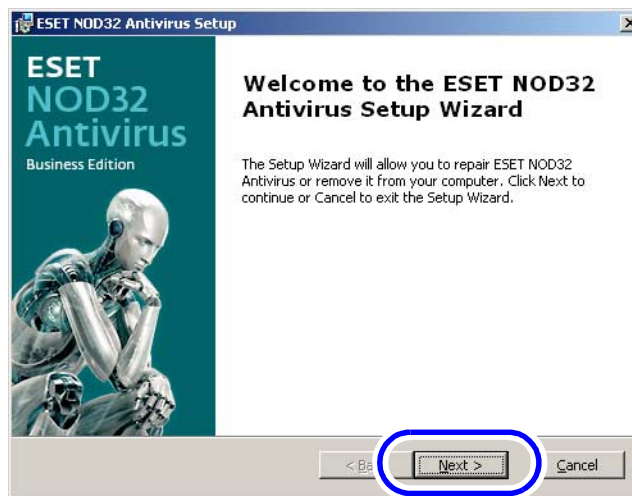
(5) Click **OK**.



S088113

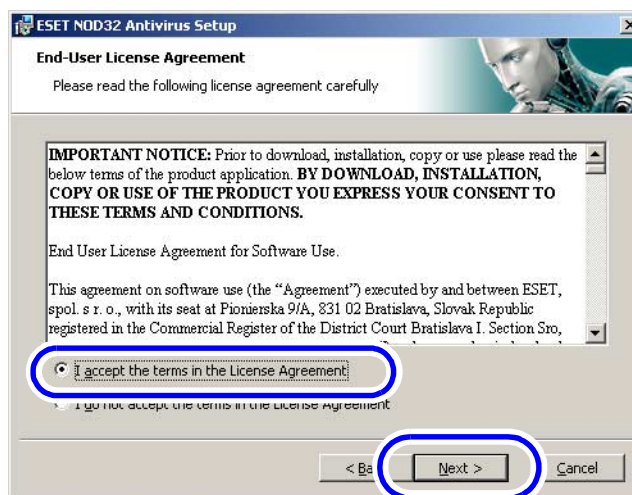
The installer starts and the **InstallShield Wizard** display is shown.

3. Click **Next**.



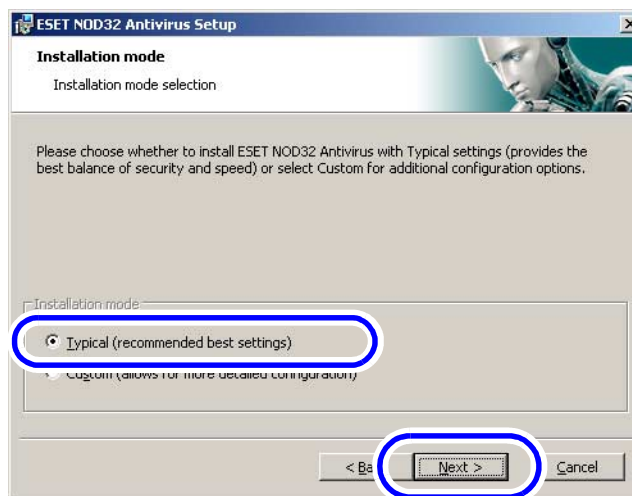
S095156

4. Select **I accept the terms in the License Agreement** and click **Next**.



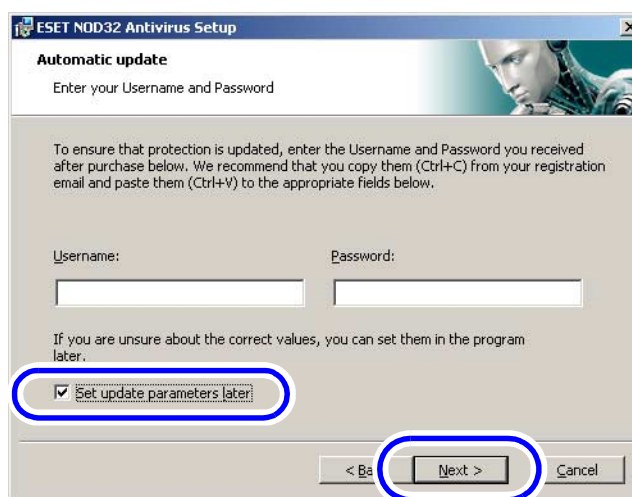
S095157

5. Select **Typical (recommended best settings)** and click **Next**.



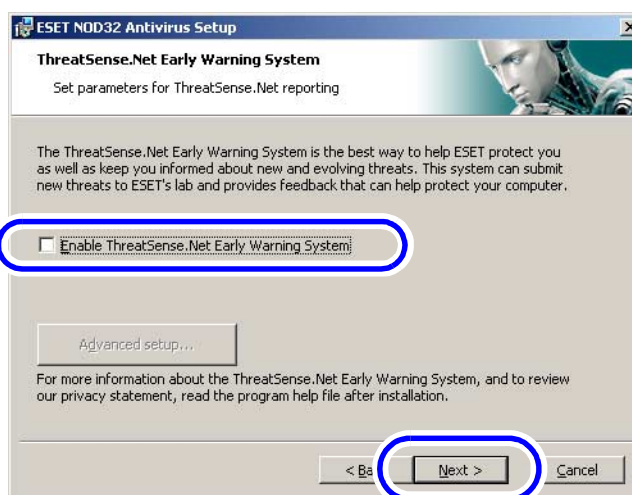
S095158

6. Select **Set update parameters later** and click **Next**.



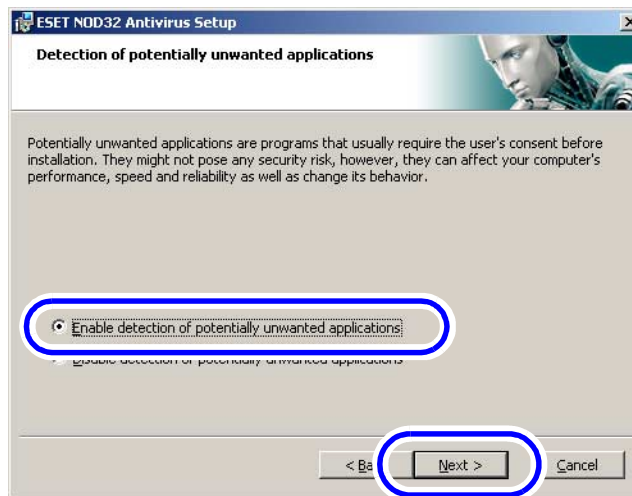
S095159

7. Clear the **Enable ThreatSense.Net Early Warning System** check box and click **Next**.



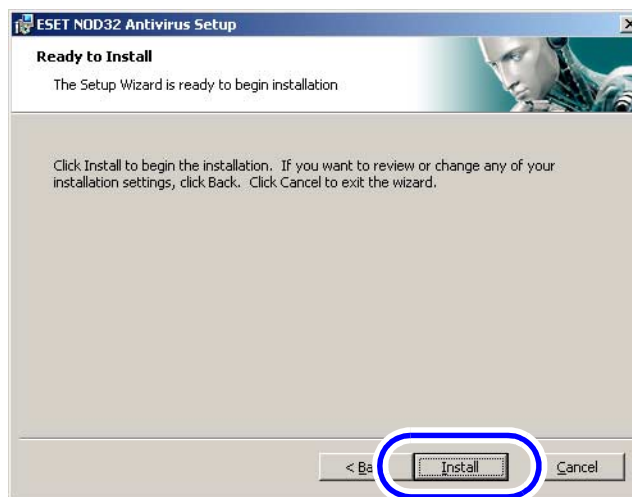
S095160

8. Select **Enable detection of potentially unwanted applications** and click **Next**.



S095161

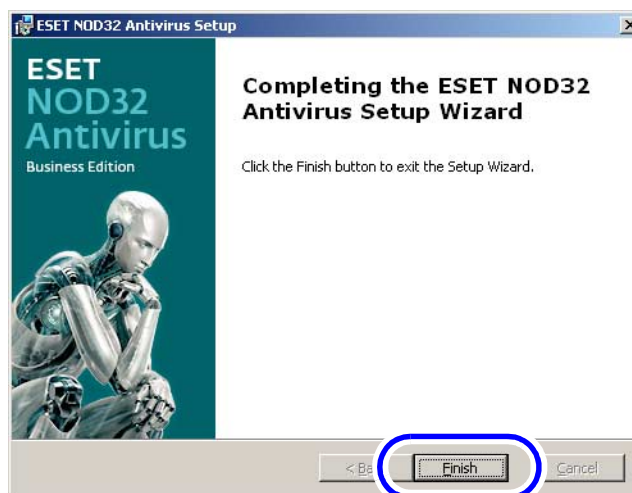
9. Click **Install**.



S095162

Installation will start. After the installation is completed, the **Complete** display is shown.

10. Click **Finish**.



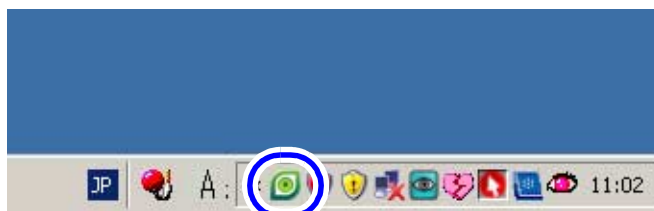
S095163

6 Installing the EZ Controller Software (only for the PC prepared by the customer)

This completes installation of **ESET NOD32 Antivirus**.
Next, perform the setup.

Setup procedure

1. Double-click the **ESET NOD32 Antivirus** icon in the lower-right corner of the Windows desktop.



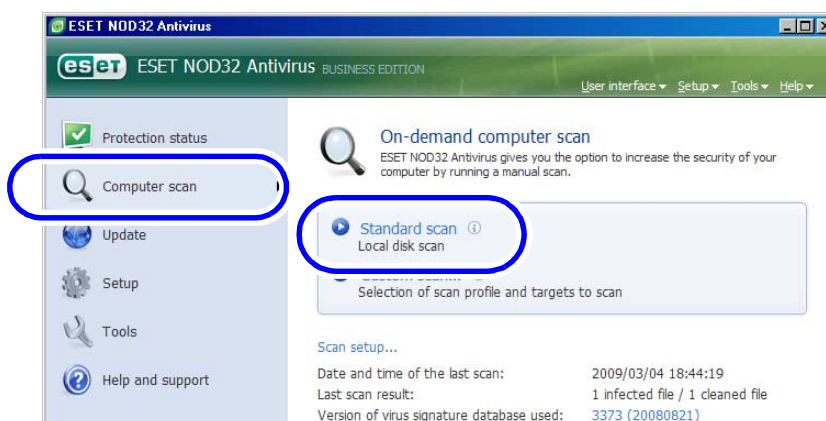
S095164

The ESET NOD32 Antivirus display is shown.

2. Run a virus scan on the PC.

Before setting up the antivirus software, check whether the PC is infected by a computer virus.



- (1) Select **Computer scan** in the left column of the display and click **Standard scan** (for Ver. 4.0, click **Smart scan**).



S095189

Virus scan starts. It takes about 5 to 15 minutes to complete the virus scan.
After the virus scan is completed, the check result is shown.

- (2) Check the result.

If any viruses are detected	If no viruses are detected
 <p>Scan completed successfully</p> <p>Number of scanned objects: 11289 Number of infected objects: 1 Number of cleaned objects: 0</p> <p>If one virus is detected</p> <p>The PC must be restarted. Go to Step (3).</p>	 <p>Scan completed successfully</p> <p>Number of scanned objects: 11270 Number of infected objects: 0 Number of cleaned objects: 0</p> <p>If no viruses are detected</p> <p>Go to Step 3.</p>

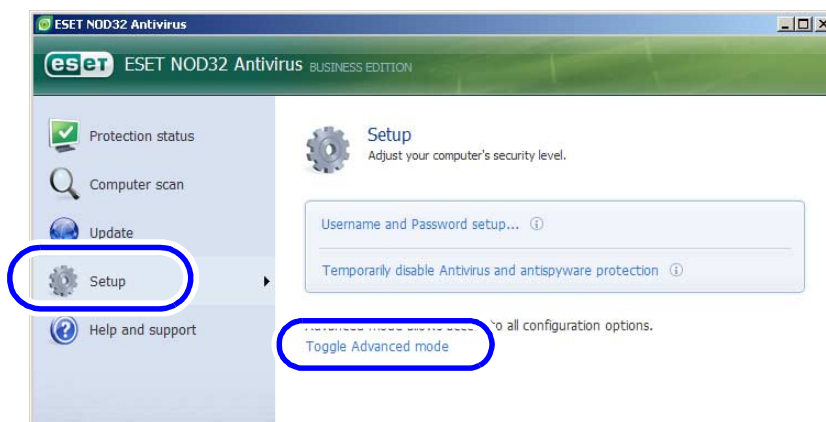
- (3) Click × in the upper-right corner of the antivirus software display to close it.

- (4) Restart the PC.
Restarting the PC deletes the detected viruses.
- (5) Double-click the **ESET NOD32 Antivirus** icon in the lower-right corner of the Windows display, and access the antivirus software display again.



S095164

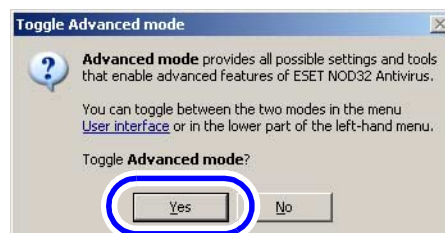
3. Click **Setup** and click **Toggle Advanced mode**.



S095165

If the display of Step 5 has already been shown, go to Step 5.

4. Click **Yes** on the confirmation display below.



S095166

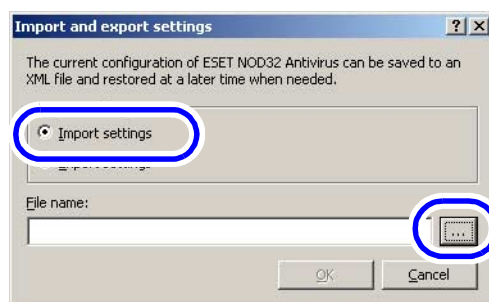
5. Select **Setup** and click **Import and export settings....**



S095167

The **Setup** display is shown.

6. Select **Import settings** and click ... in the right side of **File name**.



S095187

The **Browse** display is shown.

7. On the **Browse** display, select the drive in which the CD-ROM is inserted → **NOD32** → **backup.xml**, then click **Open**.

8. Click **OK**.



S095188

The backup data will be loaded.

9. Select **Setup** and click **Enter entire advanced setup tree...**



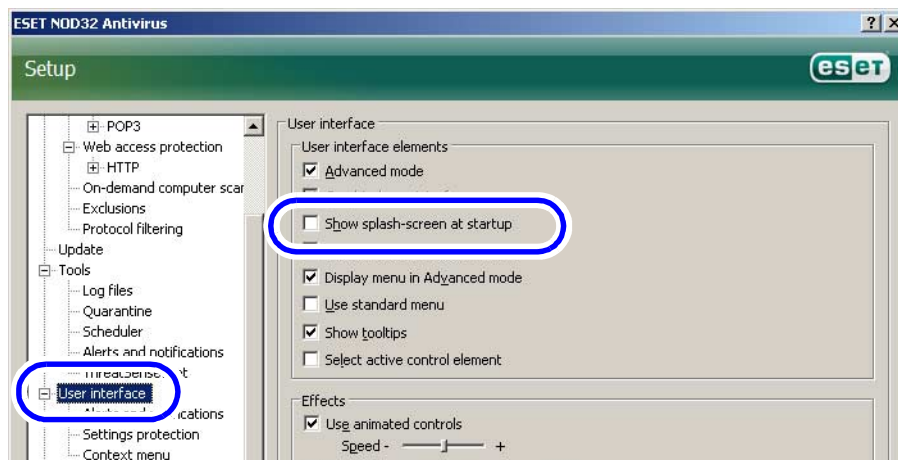
S095167

The **Setup** display is shown.

10. Configure the setting of the antivirus software startup.

If you install Ver. 4.0, the setting has already been configured. Go to the next step.
Configure the setting not to show the antivirus software startup screen when the PC starts up.

- (1) Select **User interface** on the left side of the display and clear the **Show splash-screen at startup** check box.

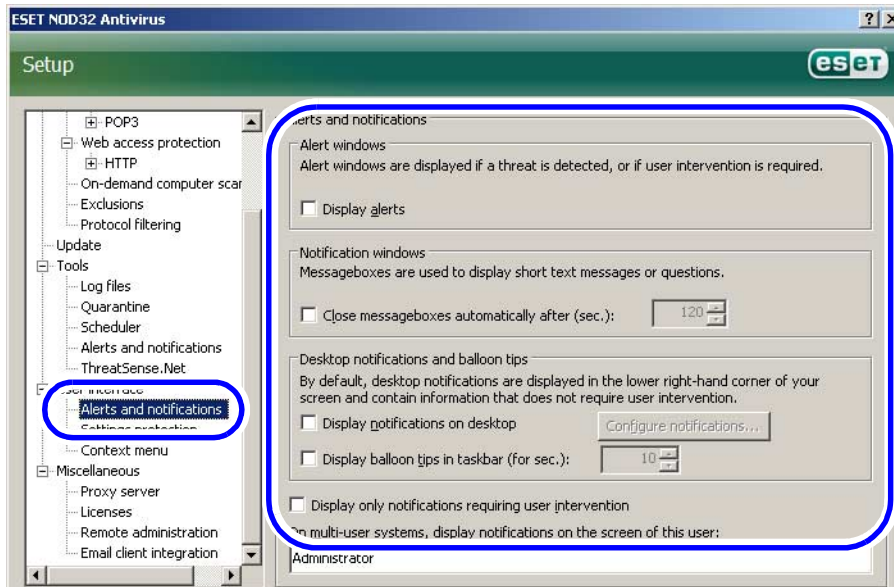


S095175

11. Configure the settings not to show the message display when the virus is detected.

If you install Ver. 4.0, the setting has already been configured. Go to the next step.
If the infected file is detected when registering the orders, the message is shown on EZ Controller. Therefore, configure the settings not to show the message display of antivirus software.

- (1) Select **Alerts and notifications** of **User interface** on the left side of the display and clear all the check boxes.



S095176

12. Configure the destination for pattern file.

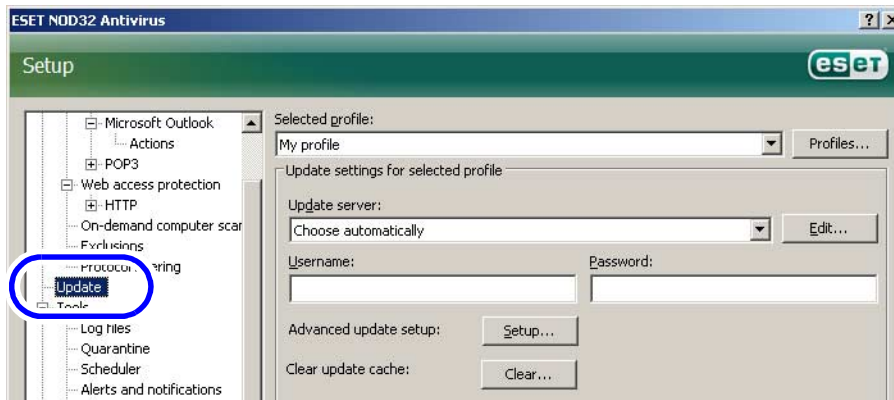
Pattern file is an information file which includes the characteristics of viruses. The system program CD of EZ Controller contains the pattern file.

Configure the destination for the pattern file.

Location of the pattern file

System program CD → NOD32 → updatefiles

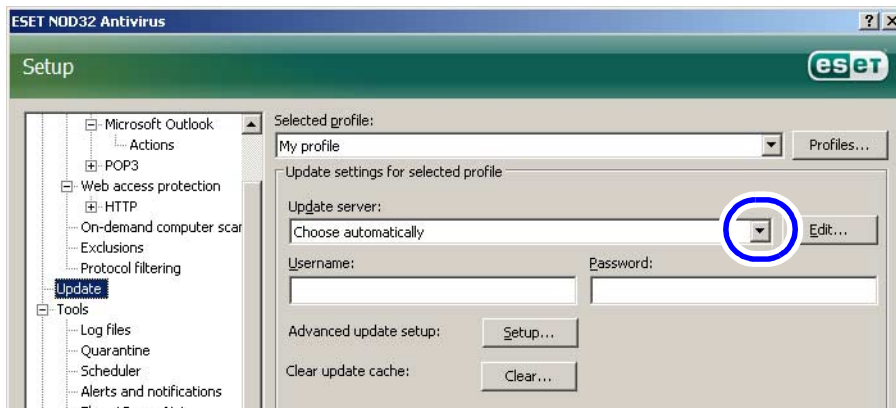
- (1) Select **Update** on the left side of the display.



S095180

- (2) Click ▼ in the **Update server** to select the location of pattern file.
 - If the CD is inserted to drive D, select **D:\NOD32\updatefiles**.

- If the CD is inserted to drive E, select **E:\NOD32\updatefiles**.

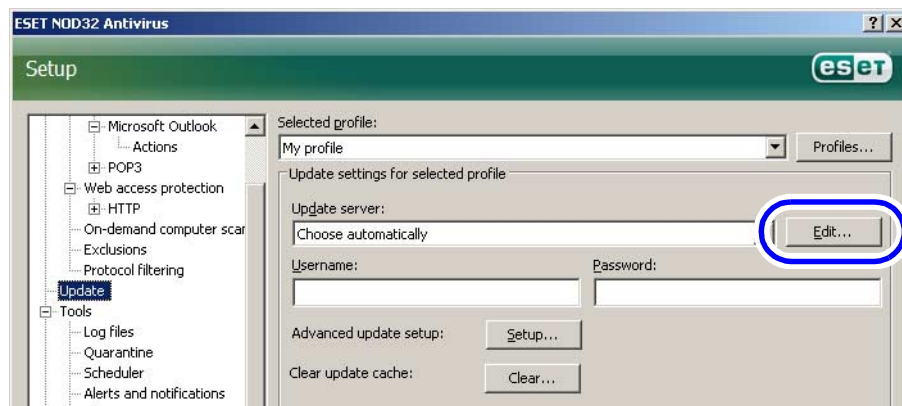


S095180

If the CD is inserted to the drive other than **D** or **E**:

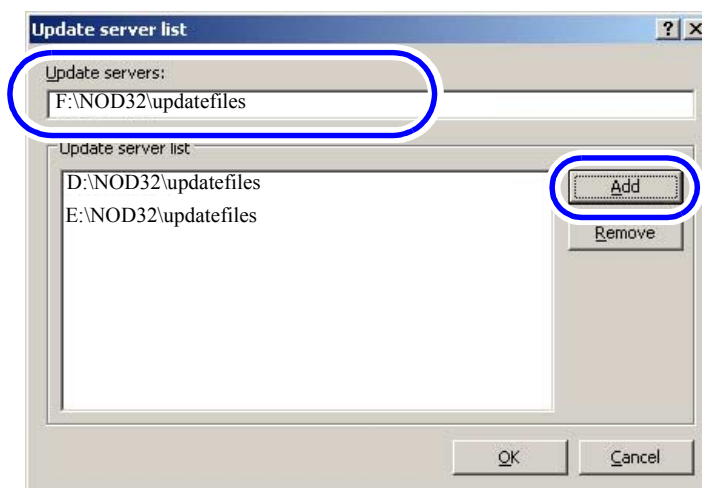
Register the location in which the pattern file has been stored in **Update server**.

1. Click **Edit** for **Update server**.



S095180

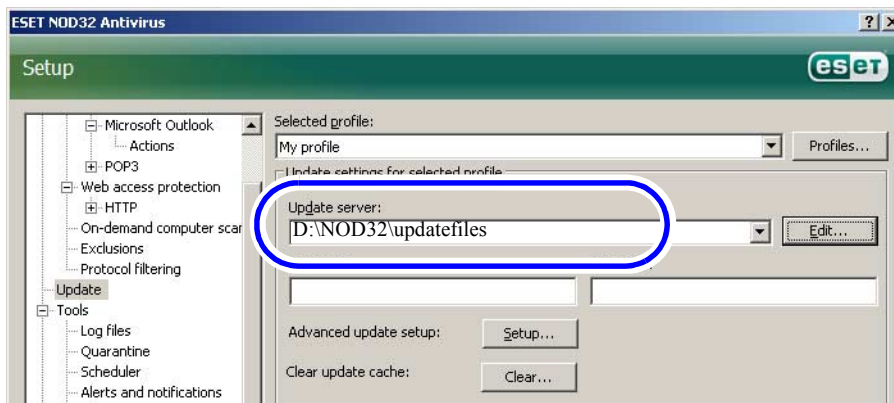
2. Enter the location in which the pattern file has been stored in **Update servers** and click **Add**.
If the CD is inserted to drive F, enter **F:\NOD32\updatefiles**.



S095181

3. Click **OK**.

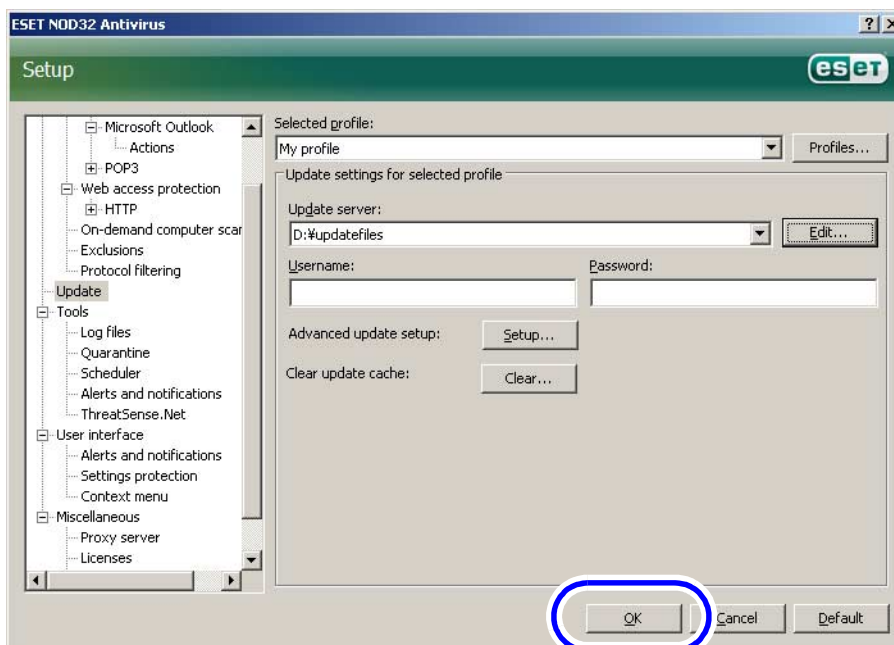
(3) Confirm that the location in which the pattern file is stored is shown in **Update server**.



S095182

13. Click **OK** on the **Setup** display.

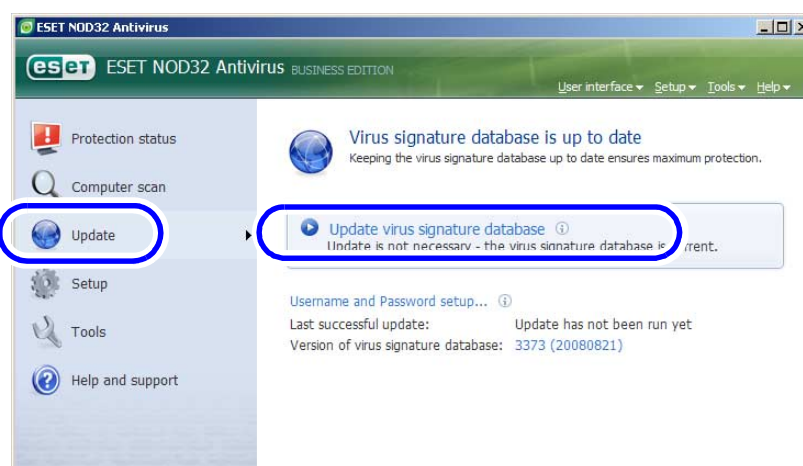
The configuration contents from Step 10 to Step 12 are registered.



S095182

14. Load the pattern file.

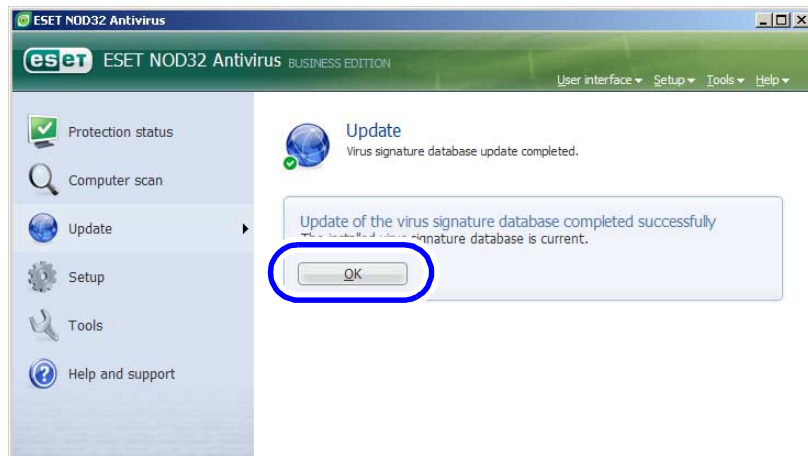
(1) Select **Update** and click **Update virus signature database**.



S095184

Updating the pattern file starts.

- (2) After the updating is completed, click **OK**.



S095185

15. Click × in the upper-right corner of the antivirus software display to close it.

16. Remove the EZ Controller Software CD-ROM.

17. Exit the application of the EZ Controller to perform next step.

- (1) If the **Controller Main Display** is not shown, click the **Controller Main Display** icon of the Switcher on the screen.



G087850

Controller Main Display is shown.

- (2) Click **F** on the Controller Main Display.
- (3) Click **Quit The Application**.



S5001-00-UM07

The application quits.

18. Attach the sticker of the antivirus software to the PC.

Two logo stickers of the antivirus software is included in the package of EZ Controller software. Attach those to the PC. (Place where you can see during the operation)

Example:



G095192

This completes setup of the antivirus software.

■ Next, go to . . .

Go to **Step 6** in the **Installation Procedure**.

6.15 If failed to install the software

This section explains the procedure of the case that the EZ Controller does not start normally because installing the EZ Controller Software failed.

If the system does not start normally even though **Operation A** is performed, go to **Operation B**.

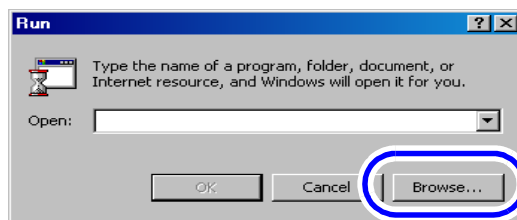
Operation A

1. Check the installation status.

If the EZ Controller is not started up normally, the software which are installed from 6.1 to 6.8 may not be installed correctly. Therefore, check the installation status.

- (1) Select **Start** → **Run**.
The **Run** display is shown.

- (2) Click **Browse**.

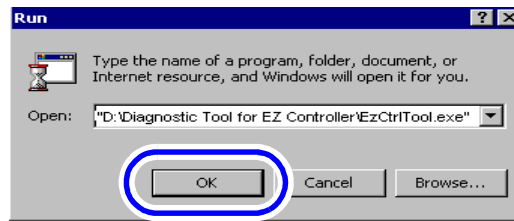


S082377

The **Browse** display is shown.

- (3) Select the drive to which the CD-ROM was inserted → **Diagnostic Tool for EZ Controller** → **EzCtrlTool.exe**, and click **Open**.

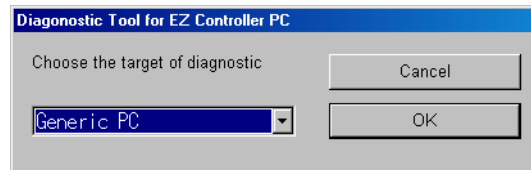
- (4) Click **OK**.



S090114

The **Diagnostic Tool for EZ Controller PC** starts up.

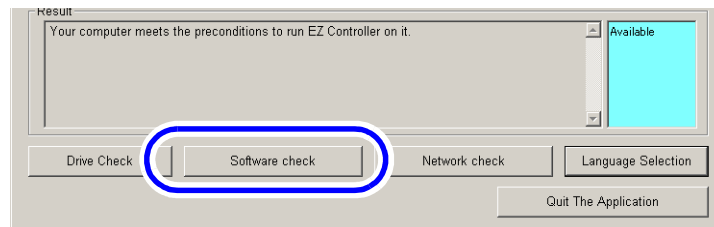
- (5) Select **Generic PC** or **High-spec PC**, then click **OK**.



S090115

The diagnostic result is shown.

- (6) Click **Software check**.

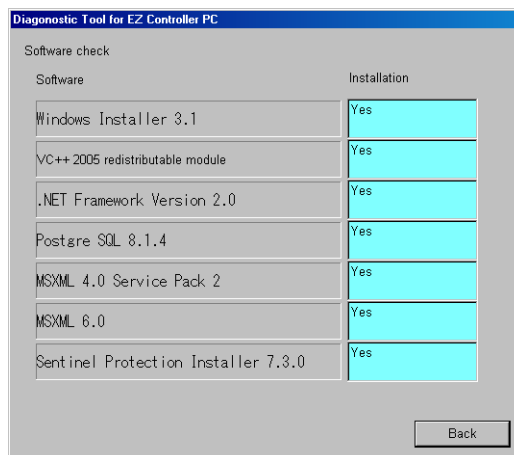


S090116

The confirmation display of software installation status is shown.

- (7) Check the installation status.

If the software is installed normally, **Yes** is shown. If not, **None** is shown.



S090117

The installation status of **EZ Controller** which is installed in 6.9 is not shown in this display.

- (8) Click **Back** to close the confirmation display of software installation status.

- (9) Click **Quit The Application** to exit the **Diagnostic Tool for EZ Controller PC**.

2. Reinstall the software which is not installed normally.

Reinstall the software following the procedure of 6 Installing the EZ Controller Software (only for the PC prepared by the customer). The software installation which is normally installed is skipped.

If the EZ Controller starts normally after the reinstallation, this completes installing the software.

If it does not start normally, go to **Operation B**.

Operation B

Uninstall all software which are installed, reinstall those software.

Even though the display slightly varies depending on the operating system, the procedure is the same.

1. Access the **Add or Remove Programs** display or **Add/Remove Programs** display.

Bringing up the display

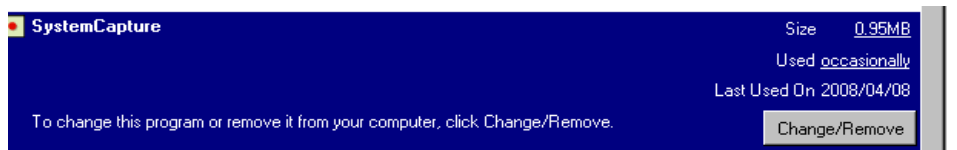
Start → Control Panel → Add or Remove Programs



IMPORTANT

- Be sure to follow the procedure below to uninstall the program.

2. Select **SystemCapture** and click **Change/Remove** or **Uninstall/Change**.



S091122

Uninstallation of the **SystemCapture** starts.

3. Select **EZ Controller** and click **Change/Remove** or **Uninstall/Change**.



S089526

Uninstallation of **EZ Controller** starts.

4. Select **EZ Controller Common Module** and click **Change/Remove** or **Uninstall/Change**.



S089527

Uninstallation of **EZ Controller Common Module** starts.

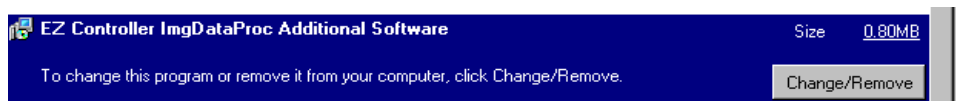
5. Select **EZ Controller ImgDataProc** and click **Change/Remove** or **Uninstall/Change**.



S089528

Uninstallation of **EZ Controller ImgDataProc** starts.

6. Select **EZ Controller ImgDataProc Additional Software** and click **Change/Remove** or **Uninstall/Change**.



S091121

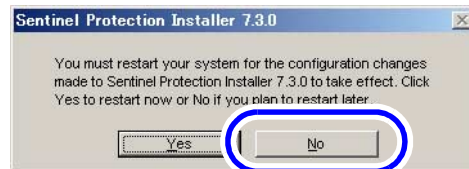
Uninstallation of **EZ Controller ImgDataProc Additional Software** starts.

7. Select **Sentinel Protection Installer 7.6.1** and click **Remove** or **Uninstall**.



S089530

If the following display is shown after uninstallation finishes, select **No**.



S089531

8. Select **MSXML 6.0 Parser** and click **Remove**.

For Windows Vista and 7, this operation is not required because the software is not installed.



S089532

Uninstallation of **MSXML 6.0 Parser** starts.

9. Select **MSXML 4.0 SP2 Parser and SDK** and click **Remove** or **Uninstall**.



S089533

Uninstallation of **MSXML 4.0 SP2 Parser and SDK** starts.

10. Select the **MSXML 4.0 SP2(KB#####)** and click **Remove** or **Uninstall**.

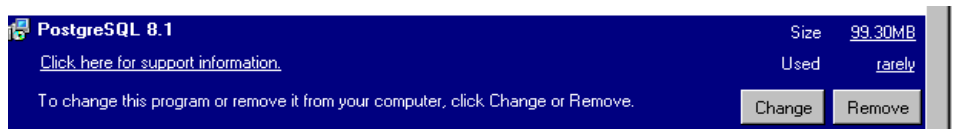
If the software is not installed, skip this step.



S091812

MSXML 4.0 SP2(KB#####) is uninstalled.

11. Select **PostgreSQL 8.1** and click **Remove** or **Uninstall**.



S089534

PostgreSQL 8.1 is uninstalled.



IMPORTANT

- After removing **PostgreSQL8.1**, manually delete the **PostgreSQL** folder in Program Files (drive C).

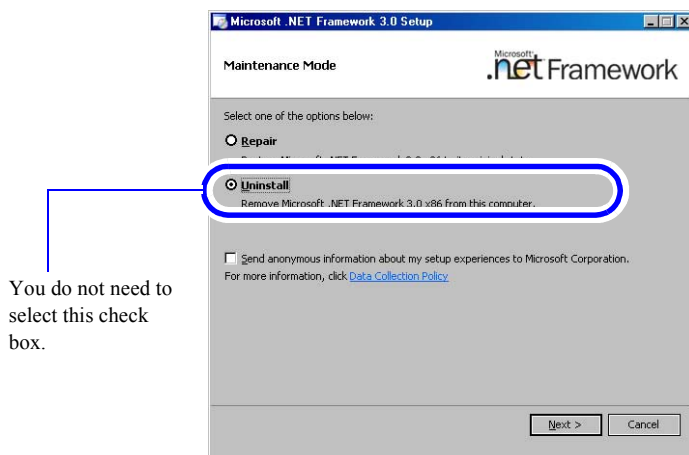
12. Select Microsoft .NET Framework 3.0 and click Change/Remove.

For Windows Vista and 7, this operation is not required because the software is not installed.



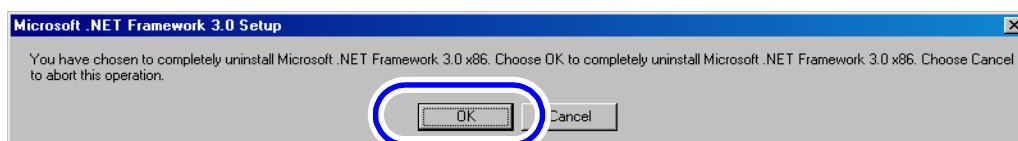
S091123

If the following display is shown, select **Uninstall** and click **Next**.



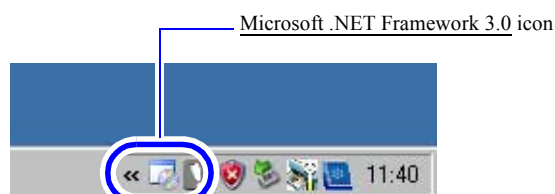
S091124

If the following display is shown, click **OK**.



S091125

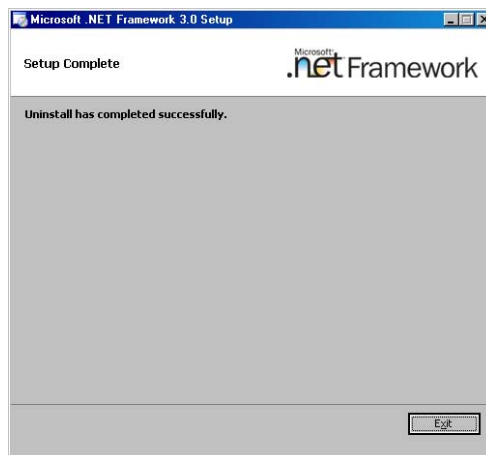
Double-click the **Microsoft .NET Framework 3.0** icon on the taskbar in the lower right of the screen.



G091230

The confirmation screen of uninstallation status is shown.

If the following screen is shown after uninstallation finishes, click **Exit**.



S091127

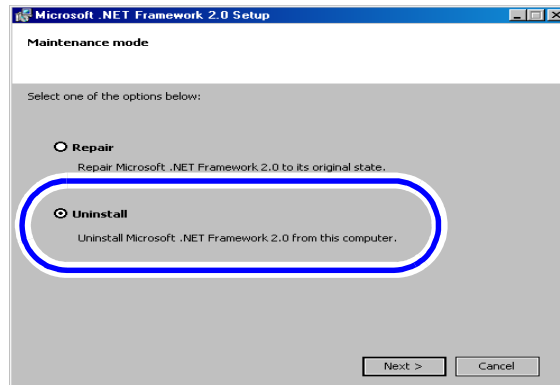
13. Select Microsoft .NET Framework 2.0 and click Change/Remove.

For Windows Vista and 7, this operation is not required because the software is not installed.



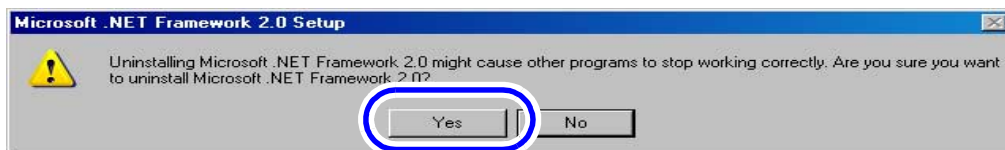
S089535

If the following display is shown, select **Uninstall** and click **Next**.



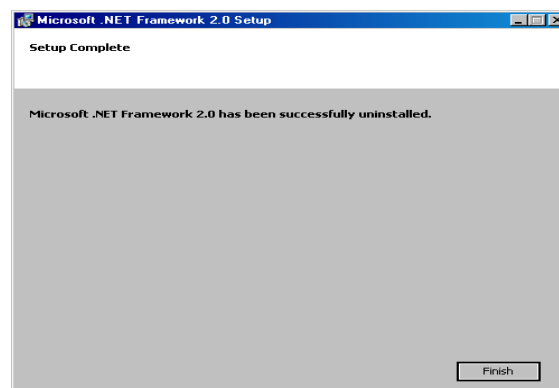
S089536

If the following display is shown, click **Yes**.



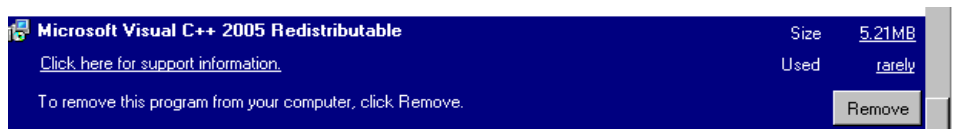
S089537

If the following display is shown after uninstallation finishes, click **Finish**.



S089538

14. Select Microsoft Visual C++ 2005 SP1 Redistributable and click Remove or Uninstall.



S089539

Microsoft Visual C++ 2005 SP1 Redistributable is uninstalled.

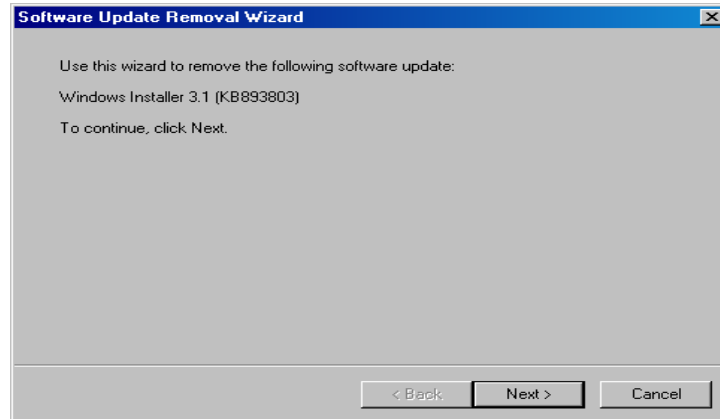
15. Select Windows Installer 3.1(KB893803) and click Remove.

For Windows Vista, 7 and Windows XP SP3, this operation is not required because the software is not installed.



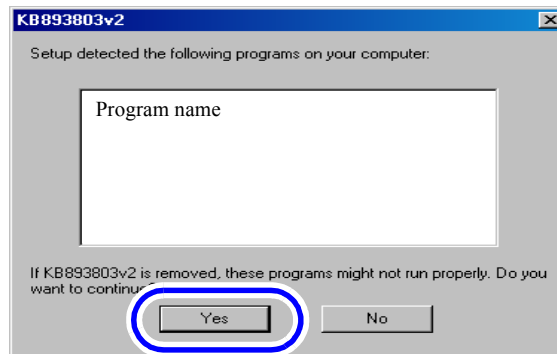
S089540

If the following display is shown, click **Next**.



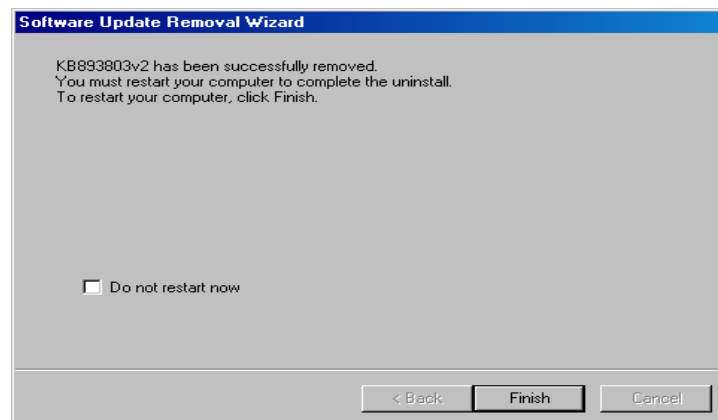
S089541

If the following display is shown, click **Yes**.



S089542

If the following display is shown after uninstallation finishes, click **Finish** and restart the PC.



S089543

16. If there are the NoritsuSwitcher, EZLauncher and BkData folders in the Common folder, delete them.


Location of folder:

Drive C → **Noritsukoki** → **Common**

- NoritsuSwitcher
- EZLauncher

- BkData

17. Reinstall the EZ Controller Software.

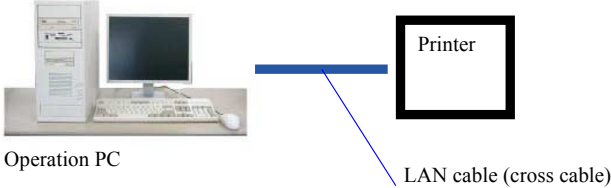
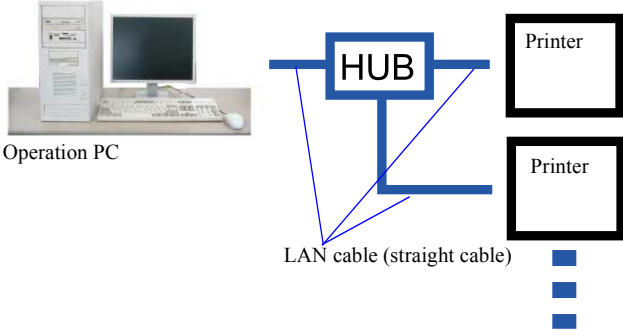
- Reinstall the software following the procedure of  6 Installing the EZ Controller Software (only for the PC prepared by the customer).

If the EZ Controller starts normally after the reinstallation, this completes installing the software.

7 Network settings

7.1 Connection example for printers and operation PC(s)

Connect the operation printer with the operation PC using LAN cable. Use a HUB to connect more than one printer. For details about the hub, see the instruction manual supplied with the hub you use. The connection example is shown below.

Connection example	View
If connecting one printer to one EZ Controller	 <p>Operation PC</p> <p>Printer</p> <p>LAN cable (cross cable)</p>
If connecting printers to one EZ Controller	 <p>Operation PC</p> <p>HUB</p> <p>Printer</p> <p>Printer</p> <p>LAN cable (straight cable)</p>

Next, go to [7.2 Configuring IP address and subnet mask](#).

7.2 Configuring IP address and subnet mask

The display slightly varies depending on the operating system.

Even if you use the operation PC sold by Noritsu, it is necessary to set **IP address** and **subnet mask** according to your operating environment.

1. Access the **Internet Protocol (TCP/IP)** display.

For Windows XP

Bringing up the display

Start → Control Panel → Network Connections → Right-click **Local Area Connection**. → Properties → Select **Internet Protocol (TCP/IP)**. → Properties

For Windows Vista

Bringing up the display

Start → Right-click **Network**. → Properties → Select **Manage network connections** from **Tasks**. → Right-click **Local Area Connection**. → Properties → Select **Internet Protocol Version 4 (TCP/IPv4)**. → Properties

For Windows 7

Bringing up the display

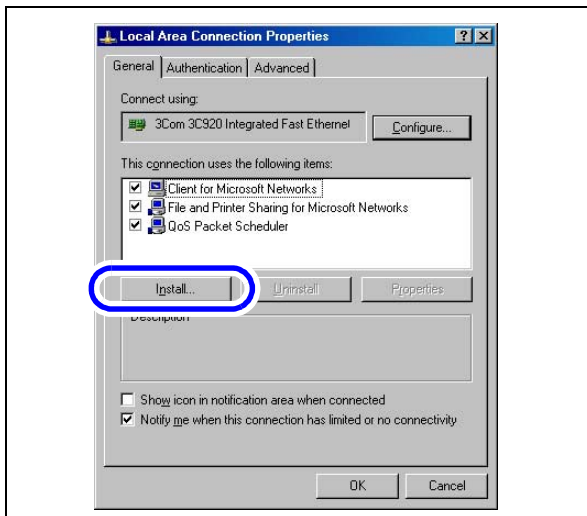
Start → Control Panel → Network and Sharing Center → Local Area Connection → Properties → Select **Internet Protocol Version 4 (TCP/IPv4)**. → Properties

If **Internet Protocol (TCP/IP)** is not shown, follow the procedure below.

If Internet Protocol (TCP/IP) is not shown

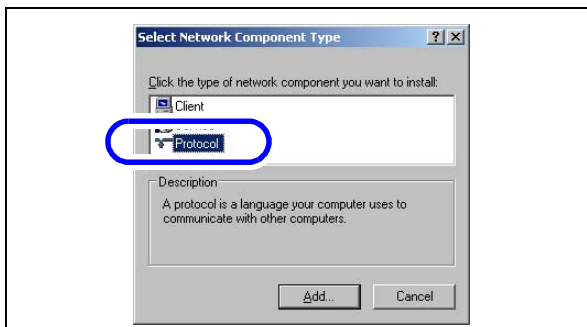
Display **Internet Protocol (TCP/IP)** following Step (1) to Step (3) below.

(1) Click **Install**.



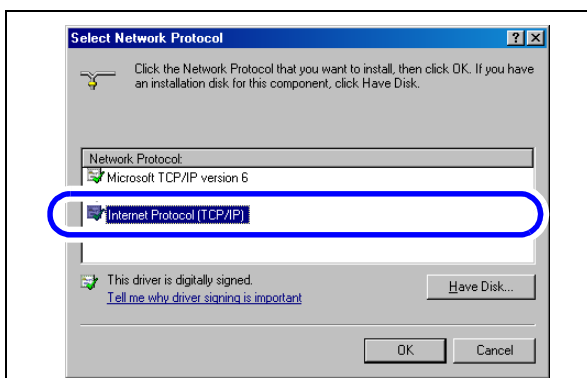
The **Select Network Component Type** display is shown.

(2) Select **Protocol** and click **Add**.



The **Select Network Protocol** display is shown.

(3) Select **Internet Protocol (TCP/IP)**, and click **OK**.



The **Internet Protocol (TCP/IP)** is shown on the **Local Area Connection Properties** display.

2. Configure the **IP Address** and **Subnet mask**, and click **OK**.

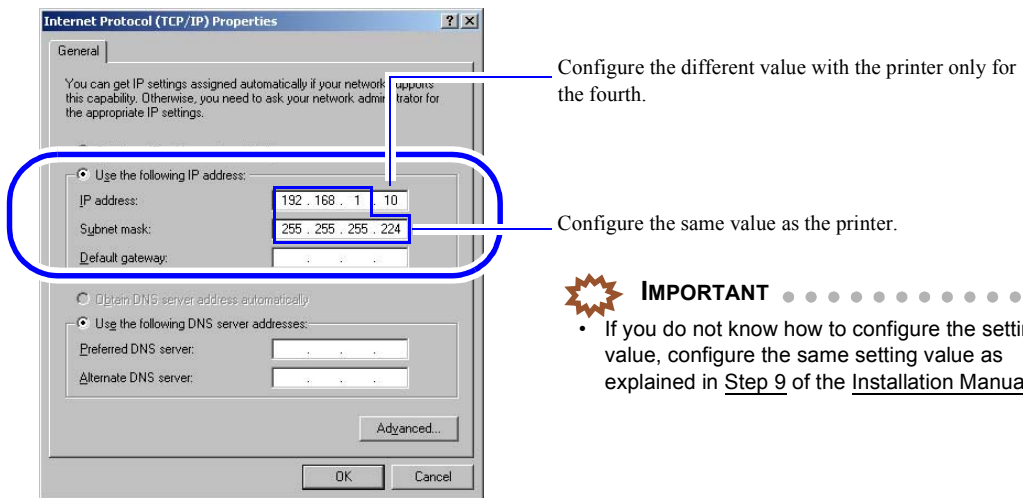
To enter the **IP address** and **Subnet mask**, select **Use the following IP address** (☉).



IMPORTANT

- Configure the IP address and subnet mask according to the connected printer.
 - For the first through the third part of the IP address, use the same address as the printer's. Set only the fourth part of the address to different value from the printer. (In the example, the fourth part is **10**.)

- Set the same address with the printer for Subnet mask.
- If you have established a network and have used an IP address, configure the address settings according to that address.



IMPORTANT

- If you do not know how to configure the setting value, configure the same setting value as explained in [Step 9](#) of the [Installation Manual](#).

S088738

Click **OK**. The **Local Area Connection Properties** display is shown.

3. Click **OK** on the **Local Area Connection Properties** display.

4. Restart the operation PC.

5. Exit the application of the EZ Controller to perform next step.

- (1) If the **Controller Main Display** is not shown, click the **Controller Main Display** icon of the Switcher on the screen.



G087850

The **Controller Main Display** is shown.

- (2) Click **F** on the Controller Main Display.
- (3) Click **Quit The Application**.



S5001-00-UM07

The application quits.

This completes the network setting.

■ **Next, go to** • • •

Go to **Step 10** in the **Installation Procedure**.

7.3 Confirming connection between the printer and operation PC

1. Access **Command Prompt**.

Bringing up the display

Start menu → **Programs** → **Accessories** → **Command Prompt**

2. Enter **ping** command and the configured IP address.

Enter the IP address of the connected printer.

Enter **ping** + **space** + **IP address** with single-byte alphanumeric characters.

Example: ping 192.168.1.11

Example: **Command Prompt** display

```
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Administrator>ping 192.168.1.11
```

S088430

3. Press the **Enter** key on the keyboard.

It starts checking whether any operation PC with the entered IP address exists on the network.

4. Check the information on the display.

If communication is normally established, the display below is shown.

NOTE

- Depending on the environment, the value on the display differs.

Example: **Command Prompt** display

```
Pinging 192.168.1.11 with 32 bytes of data:
Reply from 192.168.1.11: bytes=32 time=20ms TTL=126
Reply from 192.168.1.11: bytes=32 time=10ms TTL=126
Reply from 192.168.1.11: bytes=32 time=10ms TTL=126
Reply from 192.168.1.11: bytes=32 time=10ms TTL=126

Ping statistics for 192.168.1.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 10ms, Maximum = 20ms, Average = 12ms

C:\>
```

S063777

Example: If "Destination host unreachable." is shown

The communication is not normal. Check the following items.

- (1) Confirm that the LAN cable is connected correctly.
- (2) Confirm that the IP address and subnet mask settings have been configured correctly.
- (3) If the HUB (line concentrator) is used, confirm that the power supply of the HUB is turned on.

After confirming these items, go to Step 1 to repeat the procedure.

5. Click × in the upper right corner of the **Command Prompt** display to close it.

6. If the EZ Controller start up, quit the application of the EZ Controller to perform next step.

(1) Click the **Controller Main Display** icon of the Switcher on the screen.



Controller Main Display is shown.

G087850

(2) Click **F** on the Controller Main Display.

(3) Click **Quit The Application**.



The application quits.

S5001-00-UM07

This completes confirming the connection of printers and operation PC.

■ Next, go to • • •

For Windows XP operation PC

Go to **Step 11** in the **Installation Procedure**.

For Windows Vista operation PC

Perform 7.4 Turning on network discovery.

7.4 Turning on network discovery

Perform this operation for Windows Vista and 7.

1. Access the **Network and Sharing Center** display.

For Windows Vista

Bringing up the display

Start menu → Control Panel → Network and Internet → Network and Sharing Center

For Windows 7

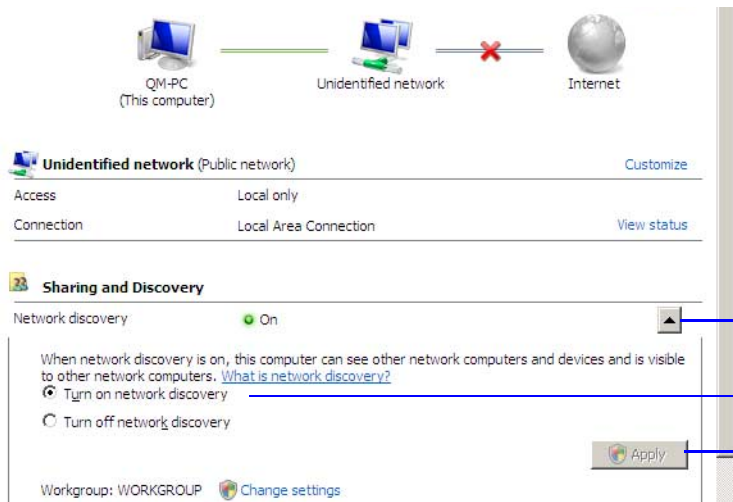
Bringing up the display

Start menu → Control Panel → Network and Sharing Center → Click **Change advanced sharing settings** in the left of the display.

2. Turn on network discovery.

For Windows Vista

(1) Turn on network discovery.

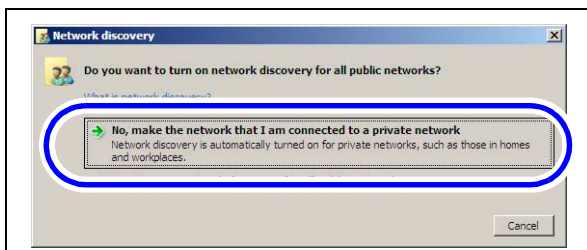


1. Click ☒ of **Network discovery**. The detailed information is shown.
2. Select **Turn on network discovery**.
3. Click **Apply**.

The **Network discovery** display is shown.

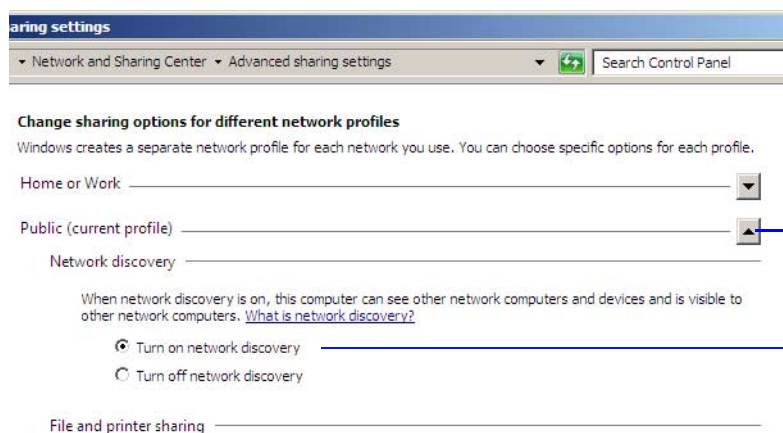
S092307

(2) Click **No**, make the network that I am connected to a private network on the **Network discovery** display.



For Windows 7

(1) Turn on network discovery.



1. Click ☒ of **Home or Work** or **Public**. The detailed information is shown.
2. Select **Turn on network discovery**.
3. Click **Save changes** in the bottom of the display.

(2) Configure the same settings for **Home or Work** and **Public**.

Network discovery is turned on.

This completes the procedure to turn on network discovery.

S099687

Next, go to [7.5 Turning on file sharing](#).

7.5 Turning on file sharing

Perform this operation for Windows Vista and 7.

1. Access the **Network and Sharing Center** display.

For Windows Vista

Bringing up the display

Start menu → Control Panel → Network and Internet → Network and Sharing Center

For Windows 7

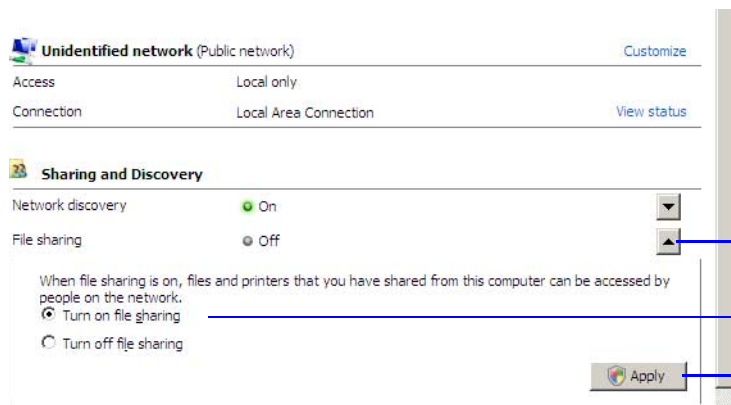
Bringing up the display

Start menu → Control Panel → Network and Sharing Center → Click **Change advanced sharing settings** in the left of the display.

2. Turn on file sharing.

For Windows Vista

(1) Turn on file sharing.

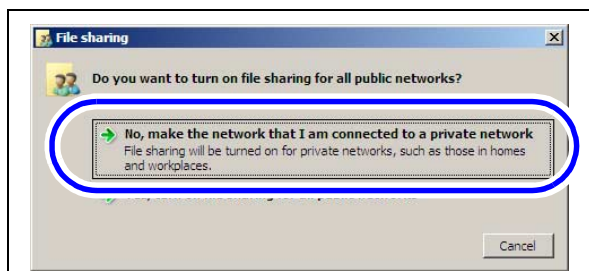


1. Click ☒ of **File sharing**.
The detailed information is shown.
2. Select Turn on file sharing.
3. Click Apply.

The **File sharing** display is shown.

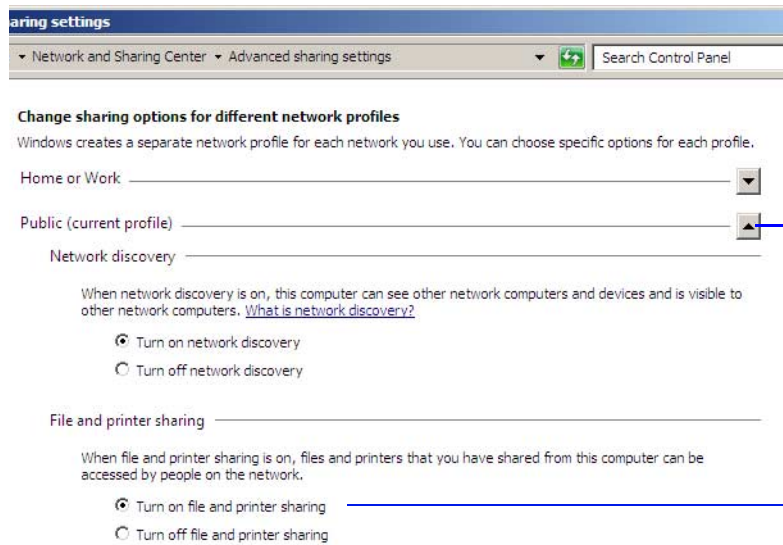
S092308

(2) Click **No**. make the network that I am connected to a private network on the **File sharing** display.



For Windows 7

(1) Turn on file sharing.



1. Click ☒ of Home or Work or Public.
The detailed information is shown.
2. Select Turn on file and printer sharing.
3. Click Save changes in the bottom of the display.

S099687

(2) Configure the same settings for **Home or Work** and **Public**.

File sharing is turned on.

This completes the procedure to turn on file sharing.

■ **Next, go to . . .**

Go to **Step 11** in the **Installation Procedure**.

8 Settings (If installing the EZ Controller, scanner and printer.)

After installing the EZ Controller, configure the following settings.

- Installing CD Viewer Utility
- System setup
- Registering input media
- Registering output media service
- Registering the connected printer
- Creating print channels
- Configuring monitor profile
- Configuring of temporary image save location and image save capacity settings

For the settings other than above, see the Operator's Manual as needed.

- For details about how to view the Operator's Manual, see [👉 9 How to view the EZ Controller Operator's Manual.](#)

8.1 Installing CD Viewer Utility

If you purchased the EZ Controller and operation PC together from Noritsu, this installation is not necessary because the software has already been installed on.

The EZ Controller can write image data into CD or DVD with a viewer software attached. Using this viewer software, you can view the stored image easily.

CD Viewer Utility is a software for showing the shop name or information on the viewer software.

For details, see the Operator's Manual.

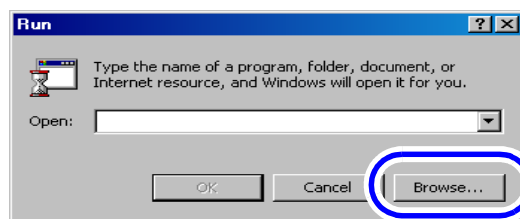
Installation procedure

1. Insert the supplied Controller Software CD-ROM.

2. Select **Start** → **Run**.

The **Run** display is shown.

3. Click **Browse**.



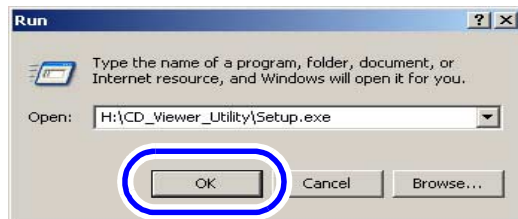
Although the display slightly varies depending on the operating system, the procedure is the same.

S082377

The **Browse** display is shown.

4. Select the drive to which the CD-ROM was inserted → **CD_Viewer_Utility** → **Setup.exe**, and click **Open**.

5. Click **OK**.

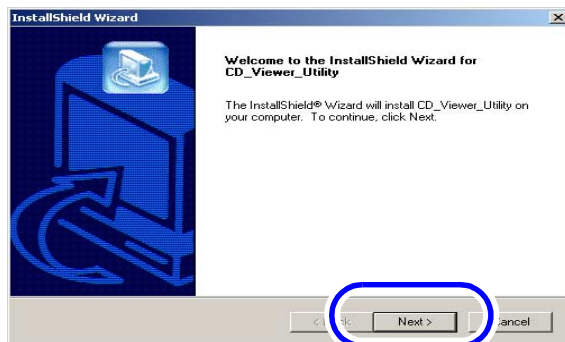


Although the display slightly varies depending on the operating system, the procedure is the same.

S088712

The installer starts and the **InstallShield Wizard** display is shown.

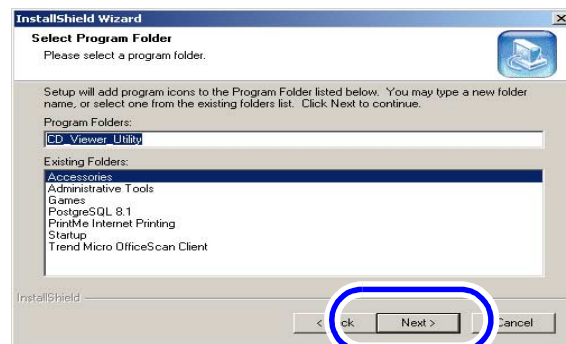
6. Click **Next**.



S088713

The display to select the program folder appears.

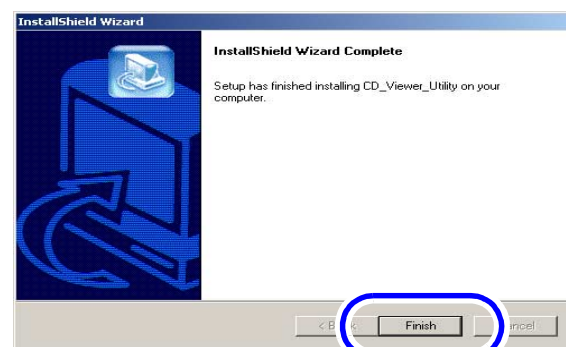
7. Click **Next**.



S088714

Installation of the CD Viewer Utility starts. After installing, the **Finished** display is shown.

8. Click **Finish**.



S088715

9. Remove the CD-ROM.

This completes installing the CD Viewer Utility.

Next, go to [8.2 System setup](#).

8.2 System setup

1. If the EZ Controller does not start up, start it up.

Click the **Controller Main Display** icon of the Switcher shown on the screen.



G087850

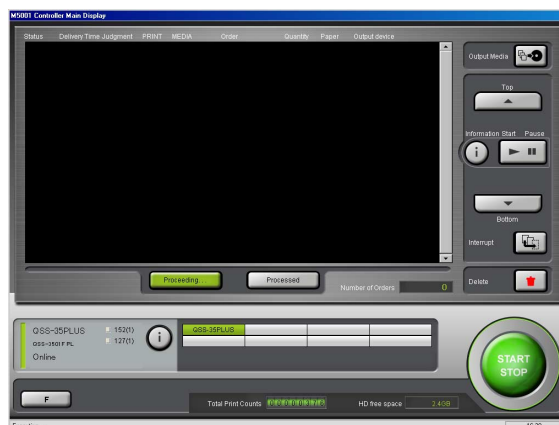
The **Order Display** is shown.

2. Click the **Controller Main Display** icon of the Switcher again.



G087850

The **Controller Main Display** is shown.



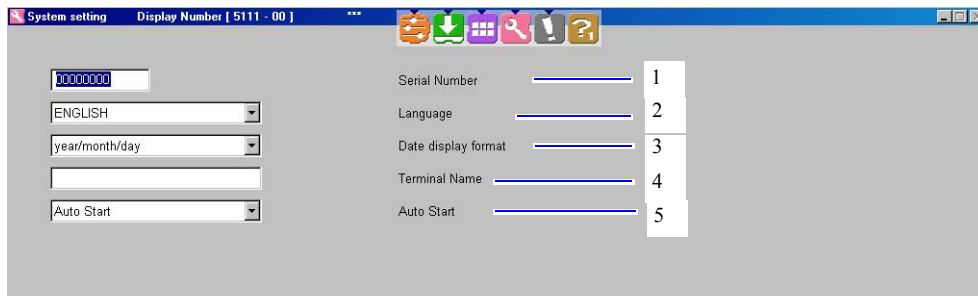
S5001-00-UM14

3. Access the **System setting** display.

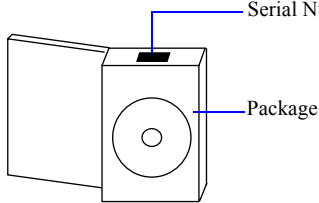

Bringing up the display

Click **F** on the **Controller Main Display**. → Management Tool → System management → System setting

4. Configure each setting.



S088118

No.	Item	Explanation
1	Serial Number	<p>Enter the serial number shown on the package for the CD-ROM of the EZ Controller Software.</p> 
2	Language	Click ▼ (triangle mark) to select the display language of the EZ Controller.
3	Date display format	Click ▼ (triangle mark) to select the display order of Year , Month and Day .
4	Terminal Name	<p>If clicking OK with no entering name in the Terminal name, the PC name which installed the EZ Controller automatically set to the Terminal name.</p> <p>User can also enter the name. (A maximum of 15 characters can be entered.)</p>
5	Auto Start	<p>Select whether to start the EZ Controller automatically when starting up the operation PC.</p> <p>Normally, select Auto Start.</p> <ul style="list-style-type: none"> • Auto Start When starting up the operation PC, the EZ Controller automatically starts up. • Without Auto Start When starting up the operation PC, the EZ Controller does not automatically start up. Click the Controller Main Display icon to start up the EZ Controller. 

5. Click **OK**, and click **Back**.

The **System management** display is shown again.
This completes configuring the language.

Next, go to  8.3 Registering input media.

8.3 Registering input media

Register the storage media used to receive images.
If not, the EZ Controller does not operate normally.



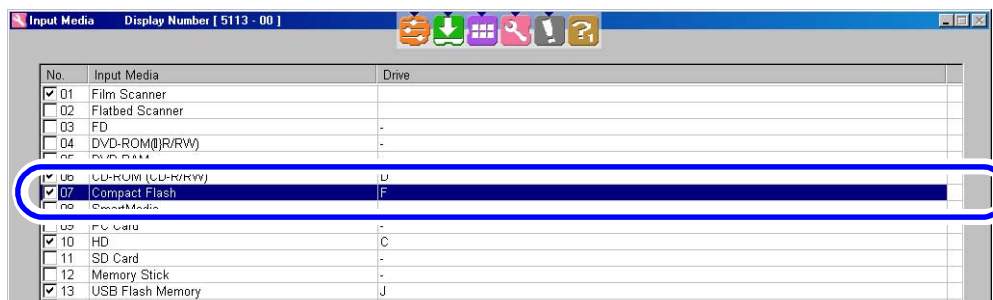
IMPORTANT

- If installing a film scanner or card reader later, register the storage media after the completion of those.

Bringing up the display

Click **F** on the **Controller Main Display**. → Management Tool → System management → Input Media

1. Select the input media ☐ to register.

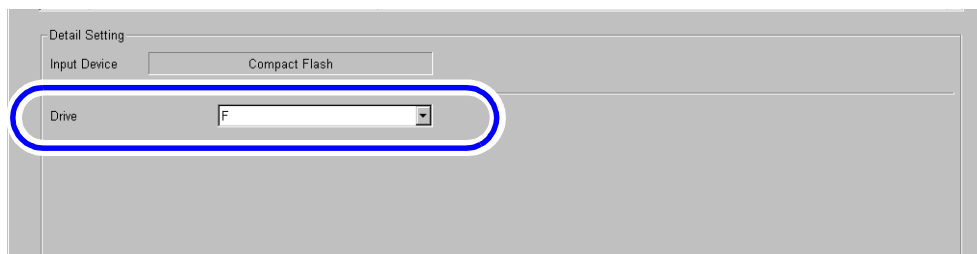


S5113-00-UM01

2. Select the drive of the input media to register.

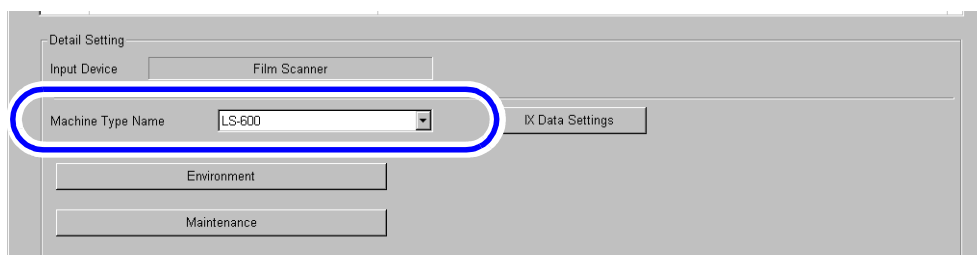
Click ☒ to select the drive which assigned to the media.

- For details about assignment the drive, see [8.3.1 Confirming the drive assignment of storage media](#).



S5113-00-UM01

3. Select the Machine Type Name when the Input Device is **Film Scanner**.



S5113-00-UM00

4. Click **OK**, and click **Back**.

The **System management** display is shown again.
This completes registering input media.

Next, go to [8.4 Registering output media service](#).

8.3.1 Confirming the drive assignment of storage media

This section explains the procedure for confirming the drive assignment of storage media.

Confirm the drive assigned to each media to be used.



IMPORTANT

- The confirmation method for the drive assignment varies depending on the type of the storage media or the connected card reader.
 - For CD and DVD drive, see [CD or DVD drive](#).
 - For DVD-RAM, see [DVD-RAM](#).
 - For USB flash memory, see [USB flash memory](#).
 - If the storage media other than CD, DVD and USB flash memory (when the card reader of MD-2 or MD-3 is used), see [Storage media other than CD, DVD and USB flash memory \(When the card reader, MD-2 or MD-3 is used\)](#).
 - If the storage media other than CD, DVD and USB flash memory (when the card reader other than MD-2 or MD-3 is used), see [For the storage media other than CD, DVD and USB flash memory \(When a card reader other than MD-2 or MD-3 is used\)](#).

CD or DVD drive

Confirm the drive assignment of CD or DVD.

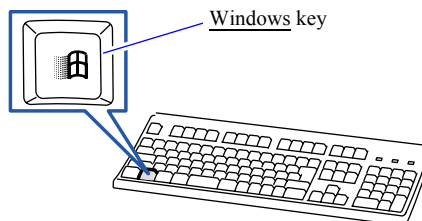


IMPORTANT

- For Multi DVD drive (option), assign the same drive to **CD-ROM(CD-R±RW)**, **DVD-ROM(±RW)** and **DVD-RAM**.
- If a DVD drive prepared by customers that supports DVD-RAM is installed, separate DVD-ROM and DVD-RAM drives are assigned depending on the type of DVD drive or operation system of the PC. In that case, separately confirm the drive assignment for DVD-RAM.
 - For details about the procedure, see [DVD-RAM](#).

1. Access the **Computer Management** display of Windows.

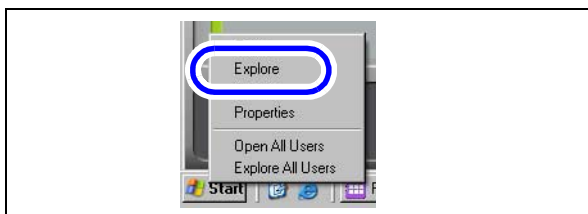
- (1) Press the **Windows** key on the keyboard.



Windows **Start** menu is shown.

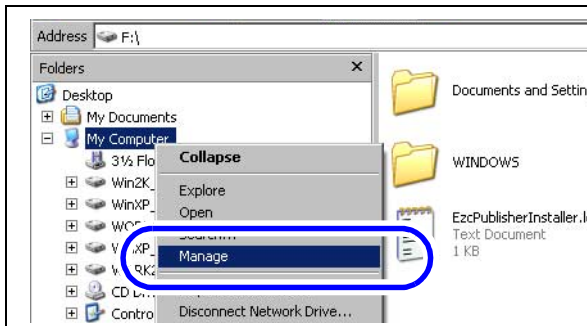
G084092

- (2) Right-click the **Start** menu, and click **Explore**.



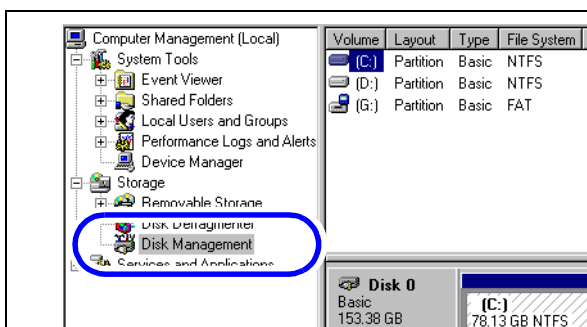
The **Start Menu** display is shown.

(3) Right-Click **My Computer** and click **Manage**.



The **Computer Management** display is shown.

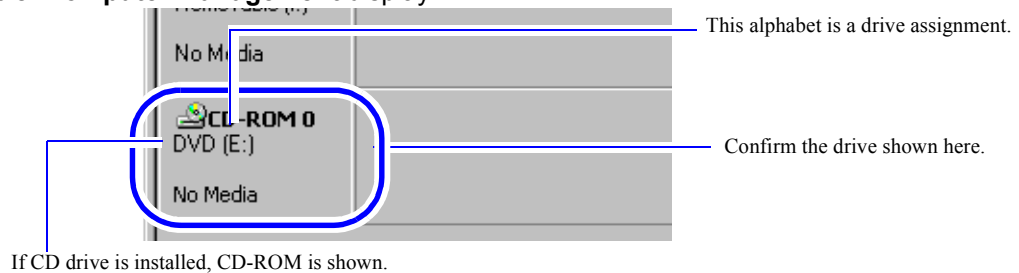
2. Click **Disk Management** on the **Computer Management** display.



3. Confirm the assignment of the DVD drive.

(# is shown in alphabet) of **DVD(#)** is a drive assignment. The drive assignment of this example is E drive.

Example: **Computer Management** display



S089518

In this case, set **E** to **CD-ROM(CD-R±RW)**, **DVD-ROM(±RW)** and **DVD-RAM** in the **Input Media** display. This completes the confirming of the drive assignment for CD and DVD.

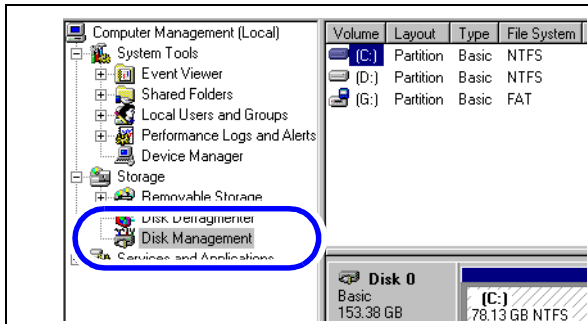
DVD-RAM

If a DVD drive prepared by customers that supports DVD-RAM is installed, separate DVD-ROM and DVD-RAM drives are assigned depending on the type of DVD drive or operation system of the PC. In that case, confirm the drive assignment of DVD-RAM in the following procedure.
For Multi DVD drive (option), the following procedure is not applicable.

1. Access the **Computer Management** display of Windows.

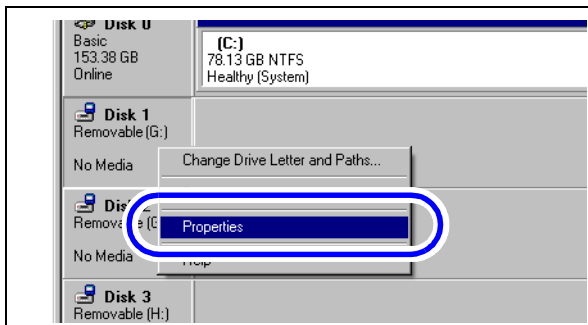
- For accessing the screen, see CD or DVD drive in 8.3.1 Confirming the drive assignment of storage media.

2. Click **Disk Management** on the **Computer Management** display.



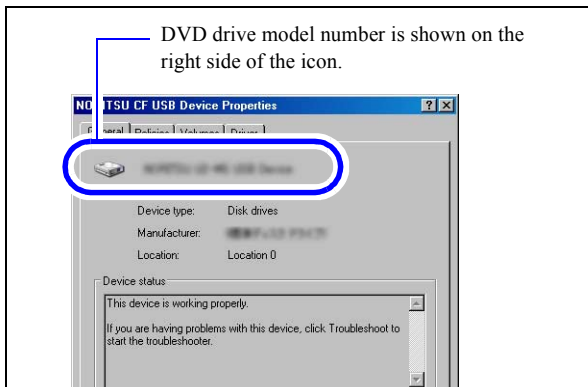
3. Confirm the drive assignment of DVD-RAM.

(1) Right-Click **Removable#** (# is shown in alphabet) and click **Properties**.



The properties of the selected drive is shown.

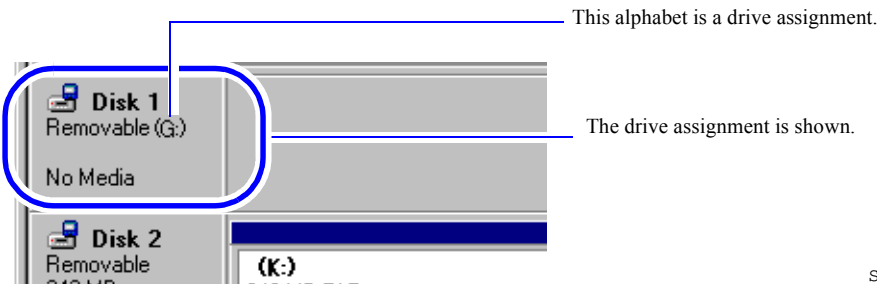
(2) Confirm the type of the drive.



(3) Click **Cancel** to close the **Properties** display.

- (4) Confirm the drive assignment of DVD-RAM drive on the **Computer Management** display.
(# is shown in alphabet) of **DVD(#)** is a drive assignment. The drive assignment of this example is G drive.

Example: **Computer Management** display



S089518

This completes the confirming of the drive assignment for DVD-RAM.

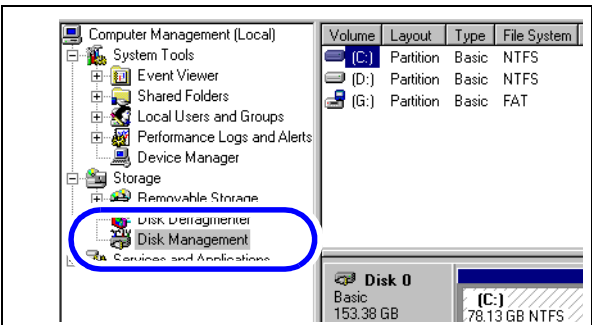
USB flash memory

This section explains how to confirm the drive assignment for USB flash memory.

1. Access the **Computer Management** display of Windows.

- For accessing the screen, see CD or DVD drive in 8.3.1 Confirming the drive assignment of storage media.

2. Click **Disk Management** on the **Computer Management** display.

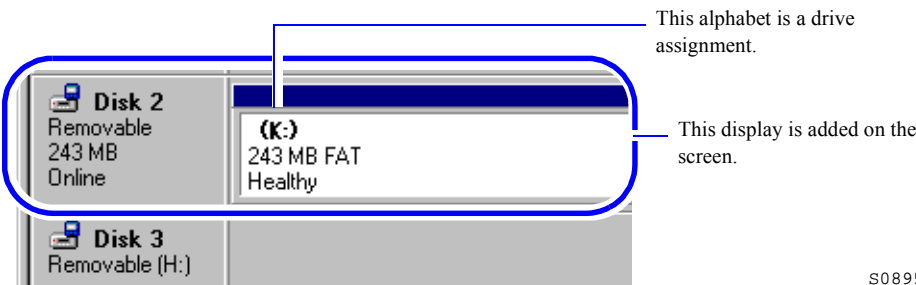


3. Insert USB flash memory to the drive.

4. Confirm which drive is assigned for the USB flash memory and write down the drive.

If inserting USB flash memory, the drive is added to the **Computer Management** display.
The displayed alphabet (in this example, the drive is K) is a drive assignment.

Example: **Computer Management** display



S089521

This completes the confirming the drive assignment for USB flash memory.

Storage media other than CD, DVD and USB flash memory (When the card reader, MD-2 or MD-3 is used)

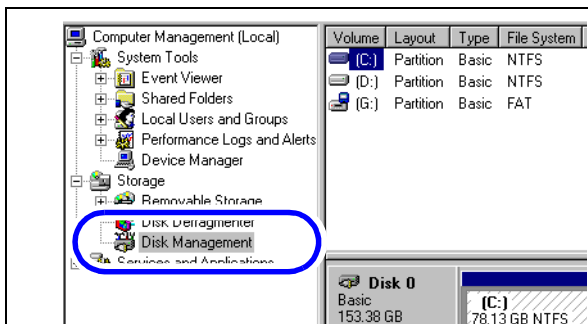
This section explains how to confirm the drive assignment for each storage media when optional MD-2 or MD-3 is used.

- For using a card reader other than the MD-2 or MD-3, see [For the storage media other than CD, DVD and USB flash memory \(When a card reader other than MD-2 or MD-3 is used\).](#)

1. Access the **Computer Management** display of Windows.

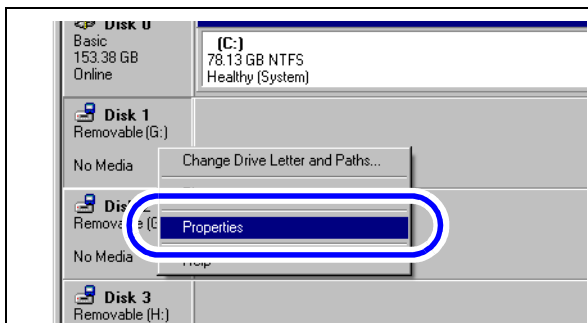
- For accessing the screen, see [CD or DVD drive in 8.3.1 Confirming the drive assignment of storage media.](#)

2. Click **Disk Management** on the **Computer Management** display.



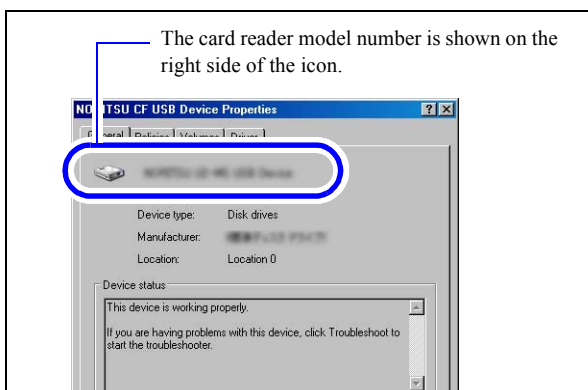
3. Confirm the drive assignment of each storage media.

- (1) Right-Click **Removable#** (# is shown in alphabet) and click **Properties**.



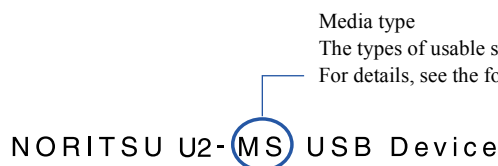
The properties of the selected drive is shown.

- (2) Confirm the type of the drive.



- (3) Confirm the media type shown on the card reader model number.

Example: The model number for MD-2



Media type
The types of usable storage media are shown here.
For details, see the following table.

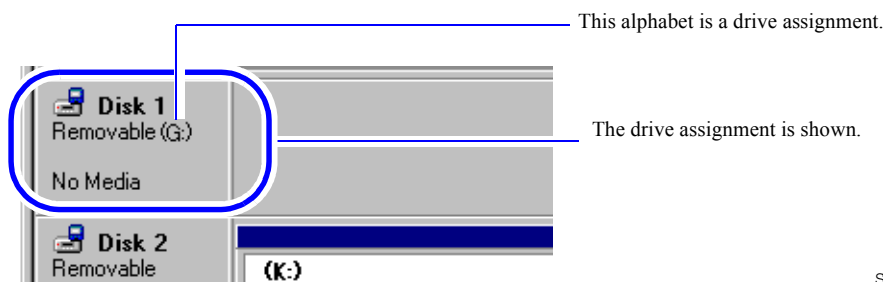
G088083

If the optional MD-3 is installed, the model number is different from that of MD-2. However, usable storage media are the same as these of following table.

Media type	Usable storage media	Media type	Usable storage media
MS	<ul style="list-style-type: none"> Memory Stick Memory Stick PRO Memory Stick Duo Memory Stick PRO Duo 	SD	<ul style="list-style-type: none"> SD Memory Card MultiMediaCard miniSD Card RS-MMC
CF	<ul style="list-style-type: none"> CompactFlash Microdrive 	SM (MD-3) xD (MD-2)	<ul style="list-style-type: none"> SmartMedia xD-Picture Card

- (4) Click **Cancel** to close the **Properties** display.
- (5) Confirm the drive assignment which selected in Step (1) on the **Computer Management** display.
(# is shown in alphabet) of **DVD(#)** is a drive assignment. The drive assignment of this example is G drive.

Example: **Computer Management** display



S089518

- (6) Repeat Step (1) to Step (5) to confirm the drive assignment of each storage media.

This completes confirming the drive assignment for each storage media when the card reader of MD-2 or MD-3 is used.

For the storage media other than CD, DVD and USB flash memory (When a card reader other than MD-2 or MD-3 is used)

This section explains how to confirm the drive assignment for each storage media if a card reader other than the optional MD-2 or MD-3 (both optional) is used.

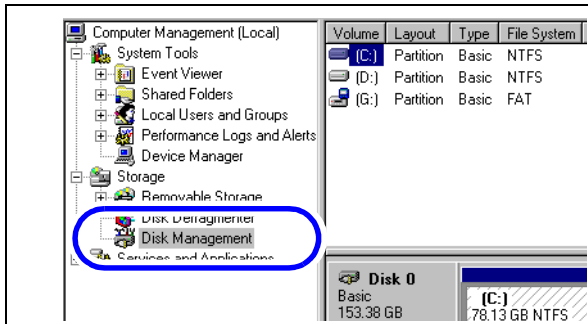
- For using MD-2 or MD-3, see [Storage media other than CD, DVD and USB flash memory \(When the card reader, MD-2 or MD-3 is used\)](#).

1. Insert the storage media to the drive you want to confirm the drive assignment.

2. Access the **Computer Management** display of Windows.

- For accessing the screen, see [CD or DVD drive](#) in [8.3.1 Confirming the drive assignment of storage media](#).

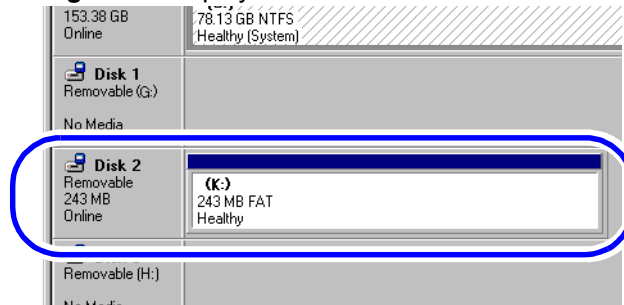
3. Click **Disk Management** on the **Computer Management** display.



4. Confirm which drive is assigned for the storage media and write down the drive.

Online is shown for the drive which is assigned to the inserted storage media.
Confirm the drive shown in the **Disk#**.
Some value is shown for #.

Example: **Computer Management** display



S089521

In this case, the assigned drive of the inserted storage media is **K**.

5. Remove the storage media.

6. Repeat Step 1 to Step 5 to confirm the drive assignment of each storage media.

This completes the confirmation of drive assignment for each storage media when the card reader other than MD-2 or MD-3 is used.

8.4 Registering output media service

Configure the settings for writing images to storage media drives or media writing system.

This section explains how to set CD-R/RW as the output media.

The procedure to register other storage media is basically the same as the procedure below. However, some storage media require specific settings. For details, see **Registering the output media service [Output Media]** in the Operator's Manual.

- For details about how to view the Operator's Manual, see [9 How to view the EZ Controller Operator's Manual](#).

Bringing up the display

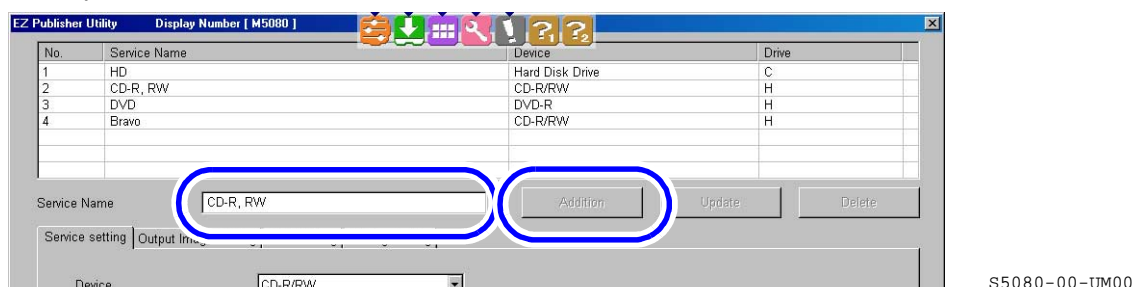
Click **F** on the **Controller Main Display**. → Management Tool → System management → Output Media

1. Configure the **Service Name** setting, and click **Addition**.

Enter the output media service name. (Example: CD writing)

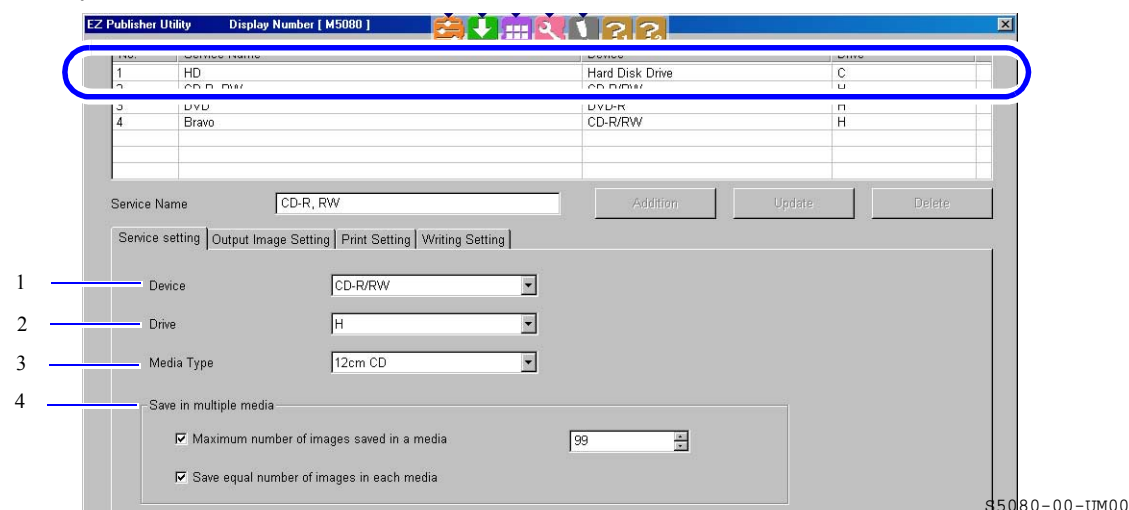
Service Name entered here is shown in **Output Media** on the **Order Display** or at selection items on the **Print Channel Setting** display.

Example:



2. Select the added service name, and configure each setting in the **Service setting** tab.

Example:



No.	Item	Explanation
1	Device	Select the storage media drive (CD-R/RW) to output.
2	Drive	The CD drive name is shown.
3	Media Type	Select the types of CD and viewer software. NOTE <ul style="list-style-type: none"> The size of Label Index changes depending on the CD type selected here. Image data can be saved to 8cm CD with 12cm CD selected, but the label index for 12cm CD is output.
4	Save in multiple media	You can configure the equal number for saving a image data to each storage media when saving a image data to storage media. <ul style="list-style-type: none"> For details about Save in multiple media, see Registering the output media service [Output Media] in the Operator's Manual. For details about how to view the Operator's Manual, see 9 How to view the EZ Controller Operator's Manual.

3. Configure each setting in the **Output Image Setting**.

Example:

Service Name: CD-R, RW

Service setting | **Output Image Setting** | Print Setting | Writing Setting

Output Image Quality	95 %	1
Output Image Size	1/4BASE	2
Output Image Format	JPEG	3
Saving Passed Images	No	4
Output Media Format	Input Image + Printing Image	5
Print image size	1/4BASE	6
Sort by Output Media Frame Number	Without Sort by Frame Number	7

S5080-00-UM01

No.	Item	Explanation
1	Output Image Quality	Configure the compressibility of the images when they are saved to media. The bigger the value is, the higher the image quality becomes.
2	Output Image Size	Select the image size saved to storage media. <ul style="list-style-type: none"> —: Same as the input image size 1/4BASE: 256 pixel × 384 pixel BASE: 512 pixel × 768 pixel 4BASE: 1024 pixel × 1536 pixel 16BASE: 2048 pixel × 3072 pixel
3	Output Image Format	Select the format (save type) of image data to save.
4	Saving Passed Images	Select whether to save the PASS frame to a media.
5	Output Media Format	The output format of image data saved to storage media. For Input Image , the loaded image is saved to media with the same aspect ratio as the original size. For Printing image , the image is saved to media with the aspect ratio of the actual print size. <div> NOTE <ul style="list-style-type: none"> If correcting the Reading image, the correction value may not be saved. For details, see the Operator's Manual. For details about how to view the Operator's Manual, see 9 How to view the EZ Controller Operator's Manual. </div>
6	Print image size	Configure the size of the image saved as Print Image when selecting Input Image + Printing Image for Output Media Format . <ul style="list-style-type: none"> —: Same size as the print size 1/4BASE: 256 pixel × 384 pixel BASE: 512 pixel × 768 pixel 4BASE: 1024 pixel × 1536 pixel 16BASE: 2048 pixel × 3072 pixel
7	Sort by Output Media Frame Number	When showing the output image to media by list with viewer software etc., use this function to attach the file name of a media output so that the images are listed in ascending order of the frame number of a film. <ul style="list-style-type: none"> Without Sort by Frame Number: Not sorted in ascending order. Sort by Frame Number of Film: Frame numbers are sorted in ascending order by each film. Arrangement by Frame Number in Order: For every order, it is rearranged so that the frame number may become ascending order.

4. Configure settings of each setting in the **Print Setting** display.

Example:

Service Name: CD Writing

Service setting | Output Image Setting | **Print Setting** | Writing Setting

Index information

Index information file: Label.idx

Label index name: FD 89x114-6

Logo Data

☒ Printing of Logo Data

File name: logo.bmp

Logo Data Display: INDEX PRINT

S5080-00-UM02

No.	Item	Explanation
1	Label index name	Select the Label Index to print.
2	Printing of Logo Data	<input checked="" type="checkbox"/> Select it to print logo data to a label index. <ul style="list-style-type: none">For details how to change the logo data, see Registering the output media service [Output Media] in the operator's Manual.For details about how to view the Operator's Manual, see 9 How to view the EZ Controller Operator's Manual.

5. Configure each setting in the **Writing Setting** tab.

Example:

Service Name: CD-R, RW

Service setting | Output Image Setting | Print Setting | **Writing Setting**

CD-R/RW Writing Setting

Volume Name:

Media Capacity: 640 Mbyte

Writing Speed: High Speed

Writing Folder Format: DCF

☐ DPOF File Output

☐ Auto Eject



Viewer Software for Windows: C:\Nontsukoki\EZ_Controller\ControllerData\CD_ViewerViewer01P Path Setting

Viewer Software for Macintosh: C:\Nontsukoki\EZ_Controller\ControllerData\CD_ViewerMacintosh Path Setting

S5080-00-UM03

This section explains the setting shown when **Media Type** is **12cm CD SimpleViewer** in the **Service setting** tab. For other settings, see the Operator's Manual.

- For details about how to view the Operator's Manual, see [9](#) How to view the EZ Controller Operator's Manual.

No.	Item	Explanation
1	Volume Name	<p>Enter the name of CD or DVD saving the image data shown on a drive name when it is inserted to an operation PC.</p> <p> IMPORTANT • Only one-byte alphanumeric characters can be entered.</p> <p>Enter ## so that the sequential number is assigned to each CD when writing a order to several CDs. If no character is entered, QSS_CD is shown.</p>
2	Media Capacity	<p>Enter the capacity of the storage media to write the image data.</p> <p> IMPORTANT • Enter the capacity of the CD itself in the Media Capacity. The actual capacity for saving image data cannot entered here. • If using several CDs whose capacities are different, change the setting of Media Capacity for each CD.</p>
3	Writing Speed	<p>Configure the speed for writing image data.</p> <ul style="list-style-type: none"> • High Speed: Data writing speed is the maximum for the CD-R/RW drive. • Medium Speed: Data writing speed is 32x. • Low Speed: Data writing speed is 16x.
4	Writing Folder Format	<p>Select whether to save images in the DCF format only or in both DCF and Pictures formats.</p> <p>NOTE • DCF (Design rule for Camera File system) is a standard designed to the image file and related device.</p>
5	DPOF File Output	<p><input checked="" type="checkbox"/> If selected, DPOF file is saved together with image data. If not selected, DPOF file is not saved. DPOF file is named as AUTPRINT.MRK and output to the MISC folder.</p>
6	Auto Eject	<p><input checked="" type="checkbox"/> If selected, the drive tray is automatically ejected after image data saving is completed. If not selected, an attention message is shown when image data saving is completed. If the message is closed, the drive tray is ejected.</p>
7	Viewer software for Windows and for Macintosh	<p>Specify the folder (Path Setting) in which the simple viewer software is saved. Initial setting of path for Windows and Macintosh are as follows. If this path setting has been configured, each viewer software is saved to the commercial CD-R/RW. If you want to use the original viewer software, change this path setting. Installing the optional software is separately necessary for using the viewer software of Macintosh. Path Setting of Viewer Software for Windows (initial setting of Path Setting) C:\Noritsukoki\EZ_Controller\Controller\Data\CD_Viewer\Viewer01 Path Setting of Viewer Software for Macintosh (initial setting of Path Setting) C:\Noritsukoki\EZ_Controller\Controller\Data\CD_Viewer\Macintosh Viewer</p>

6. Click **Update**, and click **Back**.

Example:

No.	Service Name	Service	Path
1	HD	Hard Disk Drive	C
2	CD-R, RW	CD-R/RW	H
3	DVD	DVD-R	H
4	Bravo	CD-R/RW	H


Service Name
Addition
Update
Delete

Service setting
Output Image Setting
Print Setting
Writing Setting

CD-R/RW Writing Setting

S5080-00-UM03

Changes in all the tabs are applied to the system, and the display returns to the **Controller Main Screen**. This completes registering output media service.

Next, go to  8.5 Registering the connected printer.

8.5 Registering the connected printer

Register a printer to the EZ Controller so that you can print from the printer which is connected to an operation PC that the EZ Controller is installed.

1. Access the **Printer setting** display.

Bringing up the display

Click **F** on the **Controller Main Display**. → Management Tool → System management → Printer setting

[illegible]

S5114-00-SM00

2. Click **Addition** on the **Printer setting** display.

Example: **Printer setting** display

The screenshot shows the 'Printer Settings' window with the 'Detail Setting' tab selected. The 'Addition' button is highlighted with a blue oval. The 'Printer name' field is empty.

S5114-00-SM00

After the search is completed, the list of the connected printers is shown on the **Additional printer selection** display.

3. Select the connected printer on the **Additional printer selection** display.

Example: **Additional printer selection** display

[illegible]

S5114-01-UM00

4. Click **Selection**.

Example: **Additional printer selection** display

The screenshot shows a window titled 'Table' with a 'Selection' button highlighted by a red oval. The table below has 4 columns and 10 rows. The first column is highlighted in blue. A 'Back' button is located at the bottom right of the table area.

S5114-01-UM00

The **Printer registration** display is shown.

5. Enter **Printer name**.

Enter the desired printer name.

Up to 12 one-byte characters or 6 two-byte characters can be entered.

Example: **Printer registration** display

Printer registration Display Number [M6114-02]

Printer name: QSS-35PLUS Machine Type Name: 3501PLUS

Group: QSS IP Address: 202.13.102.31

☒ Designate as the main printer

Paper Setting

Paper name: 82.5(1)

Details

Paper name: 82.5(1)


S5114-02-UM00

6. Enter the **Group** name to which the printer belongs.

Up to 12 one-byte characters or 6 two-byte characters can be entered.

The same name as the **Printer name** cannot be registered.

NOTE

- Register the group so that prints can be output using several printers in the same group. The group name entered here is set to printer in the **Print Channel Setting** display, you can use several printers which are in the group.
 - For details about **Print Channel Setting** setting, see  8.6.1 Paper settings.

Example: **Printer registration display**

S5114-02-UM00

7. To specify the printer as the main printer, select **Designate as the main printer (☒).**

Various settings or correction values^{*1} of the main printer are applied to the printers in the group.

*1. White Border Width Setting or resolution to save image etc.



IMPORTANT

- The main printer is only one printer in a group.
- A main printer is required in one group.
- If another printer is set as the main printer in the same group, click **Enter** in Step 9 to change the main printer.

Example: **Printer registration display**

S5114-02-UM00

8. Configure the details of paper to be used for the printer.

Setting items other than the item explained here cannot be changed.

Example: **Printer registration display**

The details of the paper information for paper selected in the Paper name is shown.

The paper names registered on the printer are shown.

S5114-02-UM00

- (1) Select the **Paper name** of the paper to register the information.

Example: Printer registration display

S5114-02-UM00

The details of the selected paper are shown.

- (2) Select the **Resolution** to use for the selected paper.

Click ▼ to select.

The type of **Resolution** may be only one depending on the type of printer.

Example: Printer registration display

S5114-02-UM00

9. Click Enter.

Example: Printer registration display

S5114-02-UM00

The attention message No. 10305 is shown.

10. Click YES.

The attention message is closed and the **Printer setting** display is shown.

11. Click Back.

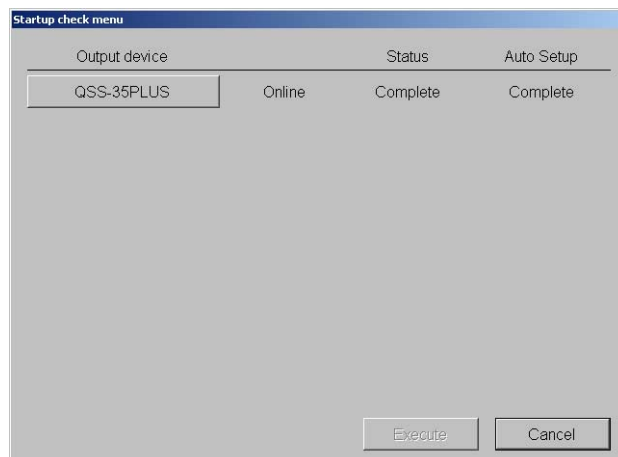
The attention message No. 10311 is shown.

12. Click YES.

The attention message is closed, and the EZ Controller restarts.

The **Startup check menu** display is shown.

Example: **Startup check menu** display



S5001-00-UM02

13. Click **Cancel**.

The **Order Display** is shown.

This completes registering the connected printer.

Next, go to [8.6 Creating print channels](#).

8.6 Creating print channels

Create print channels following the procedure below.

1. Access the **Print Channel Selection** display.

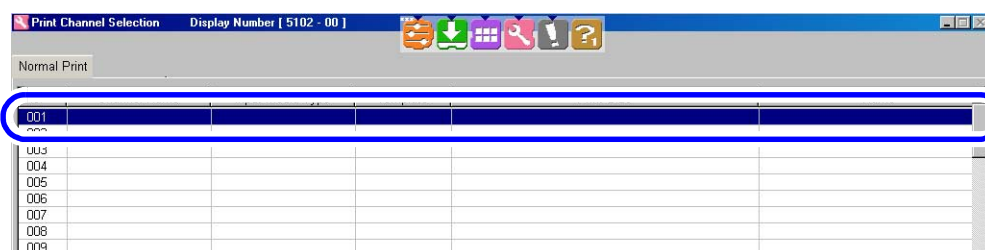
Bringing up the display

Click **F** on the **Controller Main Display**. → Management Tool → Print Channel

2. Select a Print Channel to be created newly.

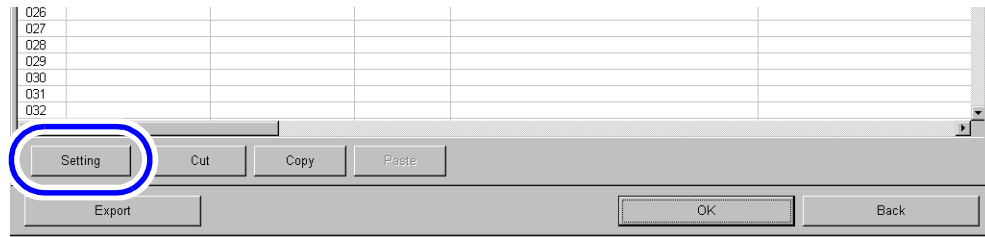
(1) Click the print channel to newly create.

Click an unregistered print channel.



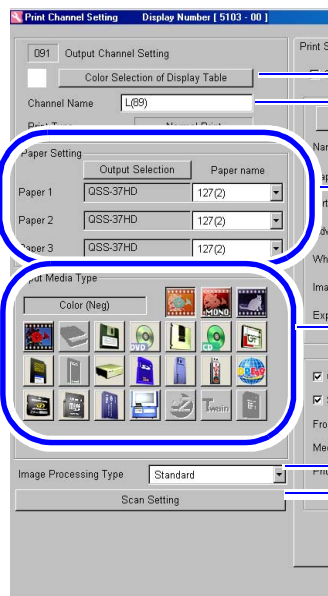
S5102-00-SM00

(2) Click **Setting** to access the **Print Channel Setting** display.



S5102-00-SM00

3. Configure the print channel settings.



Enter the channel name and select the color to classify the group of print channel. Up to 10 characters can be entered to the channel name.

Select the printer to output and paper to print.

- For details about the setting procedure, see [8.6.1 Paper settings](#).

Click a storage media or film to select input media for loading images.

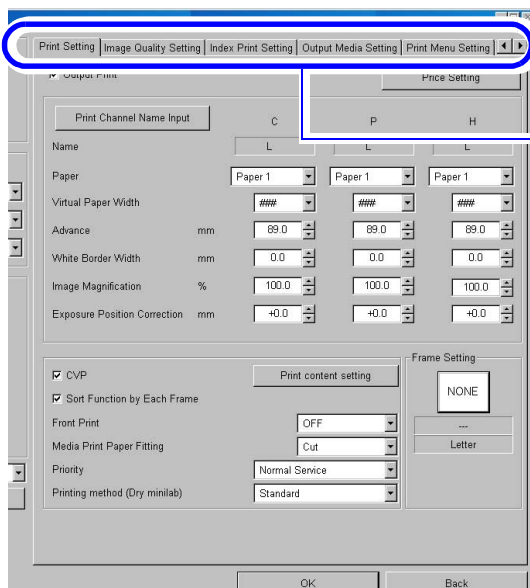
Usually, select **Standard**.
If the printed image is rough, change this setting as needed.

- For details, see [Setting the Image Processing Type](#) in the Operator's Manual.
- For details about how to view the Operator's Manual, see [9 How to view the EZ Controller Operator's Manual](#).

If a scanner is connected, configure Scan Setting.

- For details, see [Mastering basic operations](#) in the Scanner Starting Guide.

S5103-00-UM00



For settings in each tab, see the table below.
Change the settings if necessary.

S5103-00-UM00

Tab	Setting	Reference
Print Setting tab	Necessary settings for printing, such as the setting whether or not to print, and paper type settings.	8.6.2
Image Quality Setting tab	Settings on image quality, such as the DSA or digital image auto correction.	8.6.3
Index Print Setting tab	Settings necessary to make index prints, such as the setting whether or not to make index prints, or paper type settings.	8.6.4
Output Media Setting tab	Settings necessary to save images into storage media, such as the setting whether or not to save images into storage media, or save type setting.	8.6.5
Print Menu Setting tab	Settings for print menu displayed on the Order Display (Easy Operation) .	8.6.6

4. Click **OK**.

The configured settings are registered, and the **Print Channel Selection** display is shown.



IMPORTANT

- A print channel cannot be configured under the following conditions. Confirm the setting and create the print channel again.
 - All of **Output Print**, **Output Index Print** and **Output Media** are not selected
Select any one at least.
 - The input media type is a film, and **Scan Setting** is not configured
 - Paper Setting** is not performed

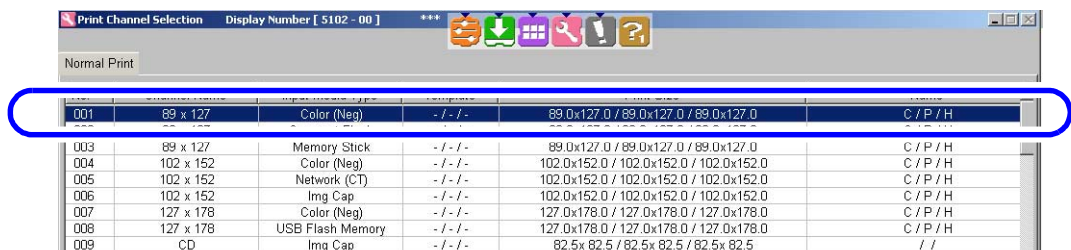
NOTE

- You can create a new print channel by copying the print channel which is already created.

Copying the Print Channel data

- Select a source print channel.

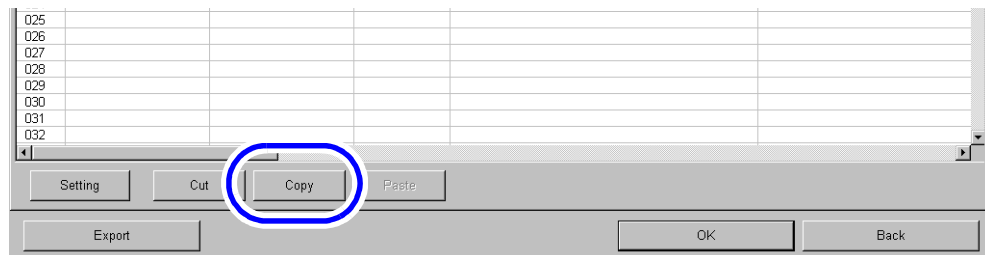
Example: **Print Channel Selection** display



S5102-00-UM00

- Click **Copy**.

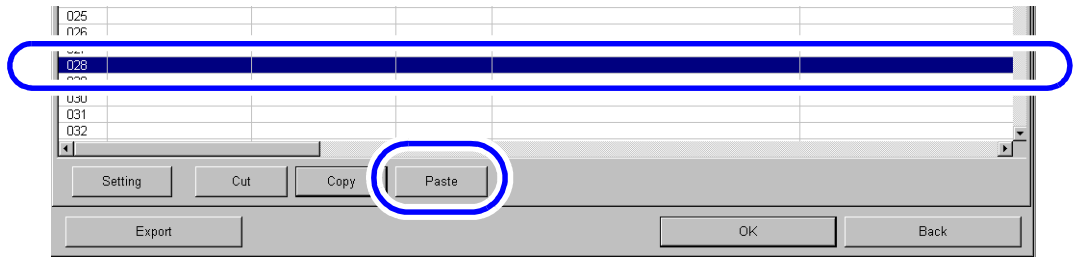
Example: **Print Channel Selection** display



S5102-00-SM01

- (3) Select a desired print channel and click **Paste**.
The print channel data is copied.

Example: **Print Channel Selection** display



S5102-00-SM02

- (4) Click **OK**.
The copied print channel is registered.

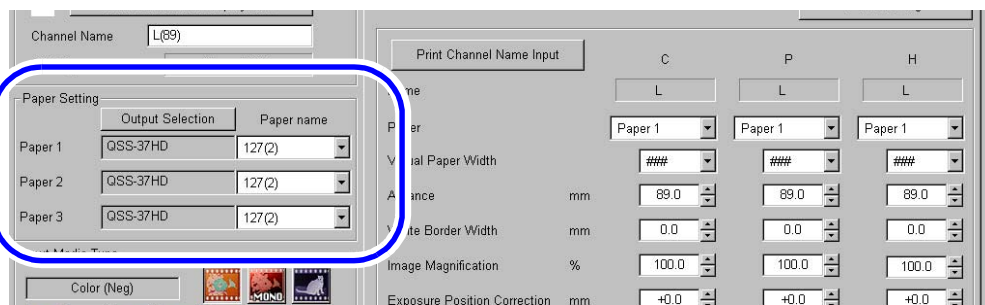
5. Click **Back**. (twice in **Easy Operation** mode)

The **Management Tools** display is shown.
This completes creating print channels.

Next, go to [8.7 Configuring monitor profile](#).

8.6.1 Paper settings

Select the printer to output and paper to print.



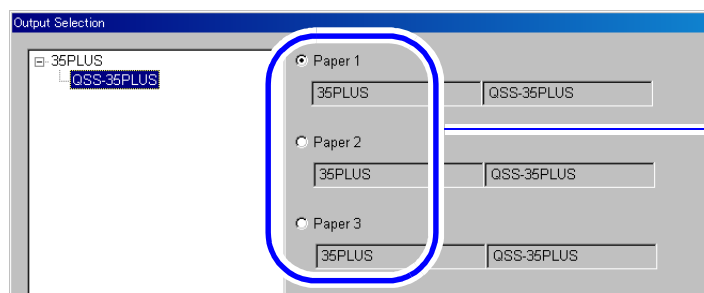
S5103-00-UM00

1. Click **Output Selection**.

The **Output Selection** display is shown.

2. Configure the printer or the group of printers for each paper.

- (1) Click the paper to configure settings.



Select the paper to configure settings.

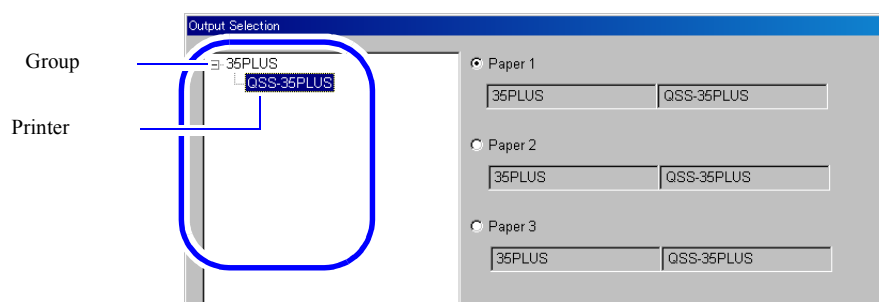
S5103-00-UM04

- (2) Select a printer or the printer group.
If you want to use a specified printer constantly, select the printer name.
If you want to use several printers depending on each order, select the printer group.



IMPORTANT

- Only the same printer group or printers in the same group can be selected. Several groups or printers in different printer groups cannot be selected for a channel.



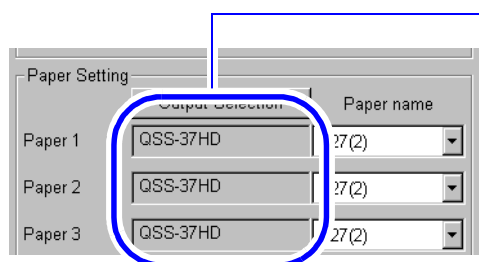
S5103-00-UM04

(3) Select the printer or printer group for all paper in the same way.

(4) Click **Enter**.

3. Click ▼ of **Paper name** to select the paper type.

Example: **Print Channel Setting** display



A printer name or group name for output is shown.

S5103-00-UM00

8.6.2 Print Setting tab

Configure necessary settings to print, such as the setting whether or not to print, or paper type settings.

Select whether or not to print with this print channel.

Click this to specify a name for each print size.

Select the paper type.

Usually, select ###.

Configure this setting if the size of print you want to create differs from the actual paper width.

- For details, see [Print Setting](#) tab in the Operator's Manual. *1

Select the paper advance length.

Select the width of white border.

Configure this setting if unexposed part is printed, or the image size is larger than the actual print size.

- For details, see [Print Setting](#) tab in the Operator's Manual. *1

Configure this setting if there is an unexposed part on the front or rear end of prints, or the exposure position needs to be changed.

- For details, see [Print Setting](#) tab in the Operator's Manual. *1

S5103-00-UM00

Select whether or not to print the correction values on the back of prints using the Correction Value Printing Unit (option). To print the correction values, click [Print content setting](#) and select the contents to print.

- For details, see [Print Setting](#) tab in the Operator's Manual. *1

Select whether to sort prints by each frame with the print conveyor unit.

For details, see [Front Print](#), [Media Print Paper Fitting](#).

Usually, select Normal Service. Configure this setting if changing the priority of the order to be processed.

- For details, see [Print Setting](#) tab in the Operator's Manual. *1


If printing from ink jet printer, configure the printing method (image quality). Usually, select Normal.

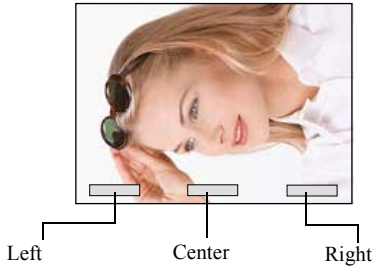
S5103-00-UM00

*1. For details about how to view the Operator's Manual, see [9](#) How to view the EZ Controller Operator's Manual.

Front Print


Select whether or not to perform front print.
Front Print allows characters to be printed on the print surface according to the magnetic data of the IX240 negative or to the information from the storage media.

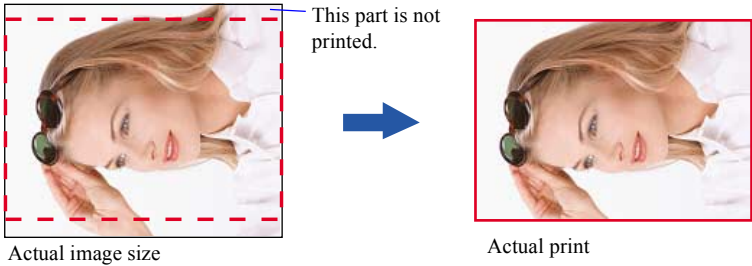
-  **IMPORTANT**
- For printing from storage media, it is necessary to select other than **OFF** for **DPOF Printing Specification** and **Exif Printing Specification** in the **Front** tab on the **Operator Selections** display, in addition to the setting in the print channel.

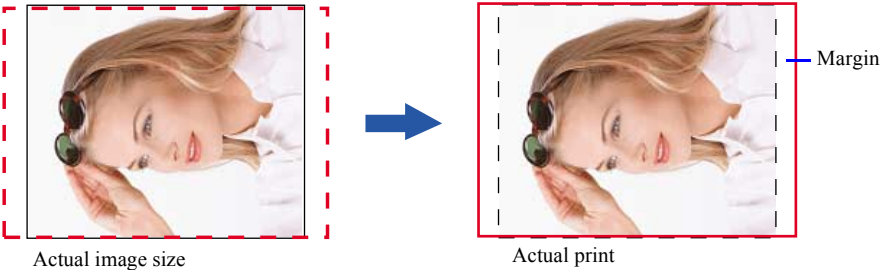
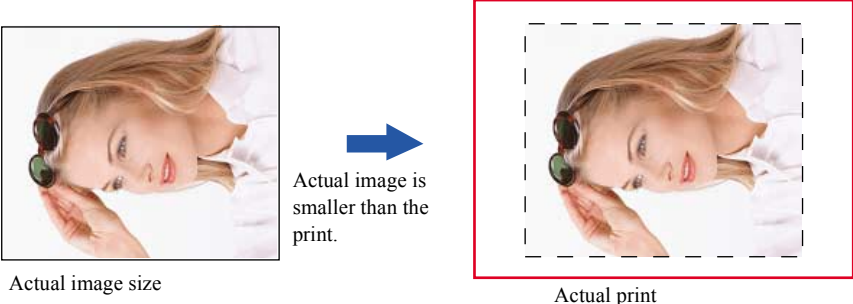
Selection	Explanation
OFF	Front Print is not performed.
Left/Center/Right	

Media Print Paper Fitting

Select the image size printed on the selected paper size.
This function is available only when the input media is storage media. All images are processed with **Cut**.

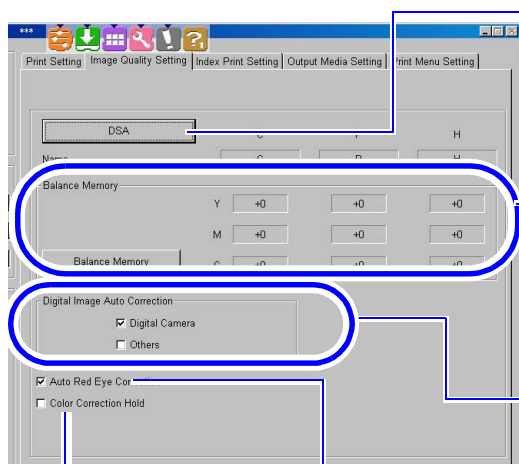
-  **IMPORTANT**
- The setting value of **Image Magnification** is applied to all of **Cut**, **Overall** and **Real Size**.
For example, **Real Size** requires a print channel whose **Image Magnification** is 100%.

Selection	Explanation
Cut	<p>Adjusts the image size so that margin does not appear on prints. If the aspect ratio of the print differs from that of the image, some parts of the image may not be printed.</p> <div></div>

Selection	Explanation
Overall	<p>Adjusts the image size to print the whole image. If the aspect ratio of the print differs from that of the image, blank area may be shown.</p>  <p>Actual image size → Actual print</p> <p>Margin</p> <p>IMPORTANT</p> <ul style="list-style-type: none"> The image is printed in a slightly-bigger size than the print size. Therefore, the per-image is not printed.
Real Size	<p>Images are printed with actual image data size. If an image is larger than the print size, print processing could take a long time.</p>  <p>Actual image size → Actual print</p> <p>Actual image is smaller than the print.</p>

8.6.3 Image Quality Setting tab

Configure each setting of image quality such as the auto correction of the DSA or digital image.



Brightness, sharpness and chroma can be corrected by each print channel. Configure this setting as needed.

- For details, see [Correcting the Automatic Contrast, the Automatic Sharpness and the Chroma \[DSA\]](#) in the Operator's Manual.^{*1}

Color and density can be corrected by each print channel. Configure this setting as needed.

- For details, see [Correcting colors and density by each Print Channel \[Print Channel Setting:Balance Memory\]](#) in the Operator's Manual.^{*1}

Select whether to automatically correct digital images from storage media. Digital Camera is image data which contains Exif information saved when taken by a digital camera. Others is image data which does not contain Exif information.

Select whether to automatically correct red eyes caused by an electronic flash or the like, if [Red Eye Correction Software](#) (option) is installed.

Select whether to fix the color correction except for density correction. Select this setting when coordinating the finished prints that were taken sequentially.

S5103-00-UM01

*1. For details about how to view the Operator's Manual, see [9 How to view the EZ Controller Operator's Manual](#).

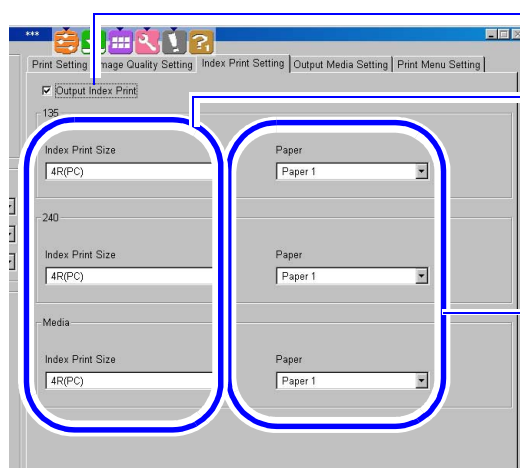
8.6.4 Index Print Setting tab

Configure necessary settings to make index prints, such as the setting whether or not to make index prints, or paper type setting.



IMPORTANT

- In addition to settings here, settings in the **Index** tab on the **Operator Selections** display are applied to index prints. Change the settings on the **Operator Selections** display if necessary.
 - For details about the settings on the **Operator Selections** display, see [Index print setting \[Operator Selections: Index tab\]](#) in the Operator's Manual.
 - For details about how to view the Operator's Manual, see [9 How to view the EZ Controller Operator's Manual](#).



Select whether to make index prints or not.

Select the Index Print Size.

It is possible to make only index prints from a CD-R/RW containing images. Select the index print size including CD such as CD-40.

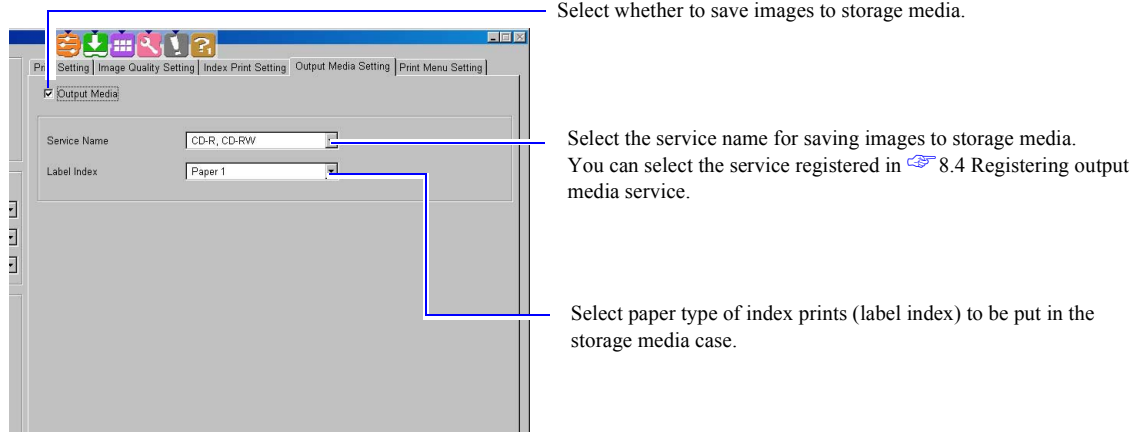
Select the paper for index prints.

S5103-00-UM02

8.6.5 Output Media Setting tab

Configure necessary settings to save images to storage media, such as the setting whether or not to save images to storage media, or save type setting.

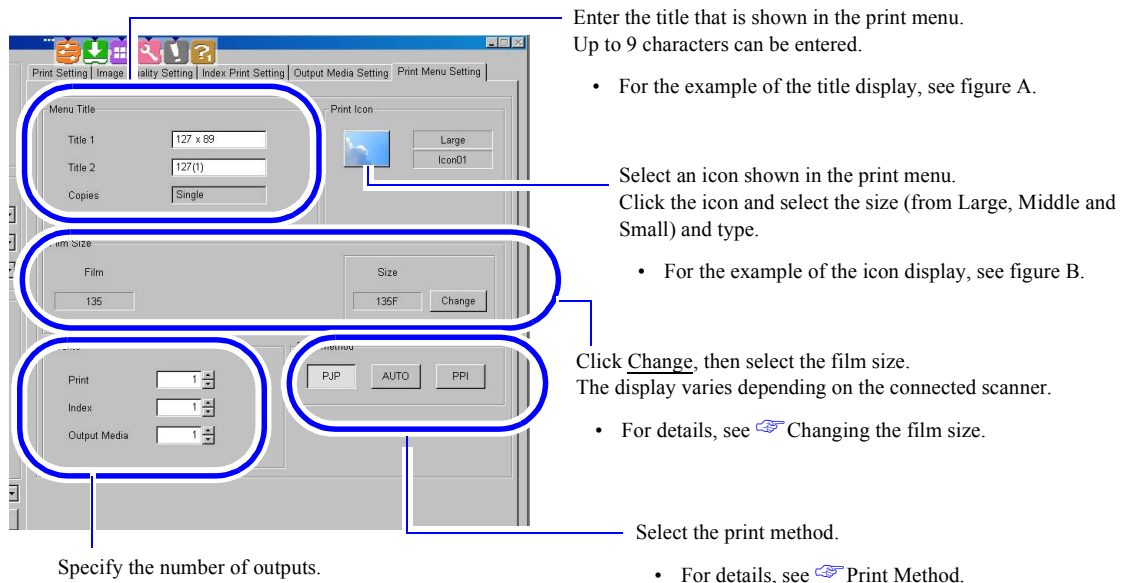
The standard storage media and optional storage media that are registered as output media are shown.



S5103-00-SM03

8.6.6 Print Menu Setting tab

Configure the settings for print menu items displayed on the **Order Display (Easy Operation)**.



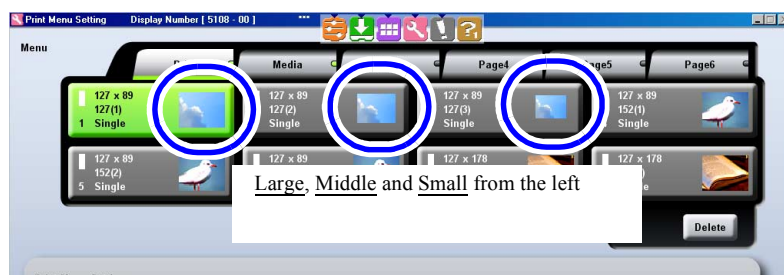
S5103-00-SM02

Figure A



S1023-00-SM00

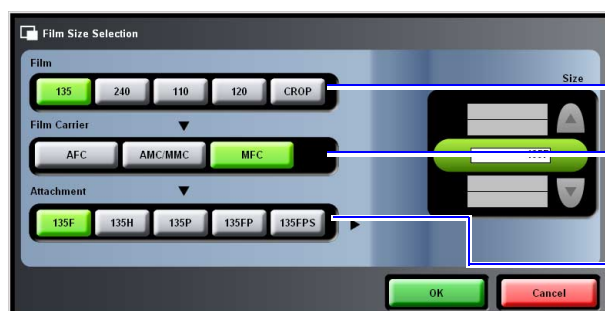
Figure B



S1023-00-SM00

Changing the film size

Example:



- 1 Select the film size to process.
- 2 Select the film carrier to use. (Not displayed depending on conditions)
- 3 Select the attachment to use. (Not displayed depending on conditions)

S1006-00-UM50

Example:



- 4 Select the film size and click OK.

S1006-00-UM50

Print Method

Method	Explanation
PJP (pre-judged print)	<ul style="list-style-type: none"> Images are shown on the display before printing or image saving. The print count for each image can be changed. You can also make corrections to color or density of images.
AUTO (automatic)	<ul style="list-style-type: none"> Images are not shown on the display before printing or image saving.
PPI (pre-print inspection)	<ul style="list-style-type: none"> Images are shown on the display before printing or image saving. The print count for each image can be changed. When a specified time passes, printing or saving operation automatically starts. You can also make corrections to color or density of images.

8.7 Configuring monitor profile

Configure the profile (color space) setting for the display monitor you use.

Bringing up the display

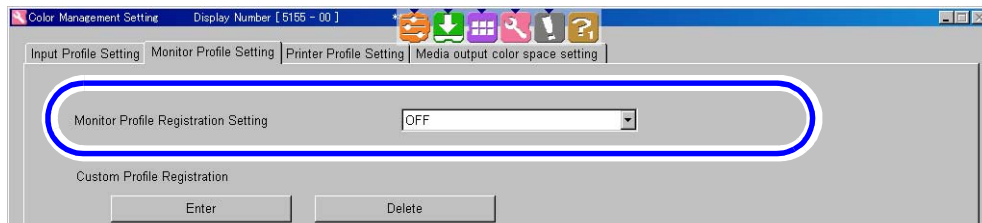
Click **F** on the **Controller Main Display**. → Management Tool → System management → Image Processing Setting → Color Management Setting → Click the **Monitor Profile Setting** tab.

1. Select **ON (monitor name)**^{*1} for **Monitor Profile Registration Setting**, and click **OK**.

When **ON (monitor name)**^{*1} is selected, the monitor profile corresponding to the monitor, which was selected when the profile CD supplied with the connected printer was installed, is used to display monitor colors.

*1. If selecting **sRGB** when installing the profile CD, select **ON(sRGB)**.

Example: Monitor Profile Registration Setting



S5155-00-UM01

NOTE

- Select **OFF** if not using the monitor profile corresponding to the monitor selected when the profile CD was installed.
- If using a loaded monitor profile, select one from **Custom Profile 1** to **Custom Profile 20**.
 - For details about how to load monitor profile, see **Monitor profile settings [Monitor Profile Setting tab]** in the Operator's Manual.
 - For details about how to view the Operator's Manual, see [9](#) How to view the EZ Controller Operator's Manual.

This completes configuring the monitor profile.

Next, go to [8.8](#) Configuring of temporary image save location and image save capacity settings.

8.8 Configuring of temporary image save location and image save capacity settings

The EZ Controller temporarily saves images of the received orders. Configure the image save location and the save capacity settings.

1. Access the **Order management** tab on the **Operator Selections** display.

Bringing up the display

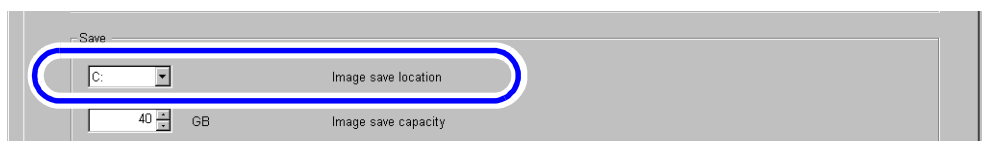
On the **Controller Main Display**, click **F.** → **Management Tool** → **Operator Selections** → On the **Operator Selections** display, click the **Order management** tab.

2. Select the hard disk drive to configure the **Image save location** setting.



IMPORTANT

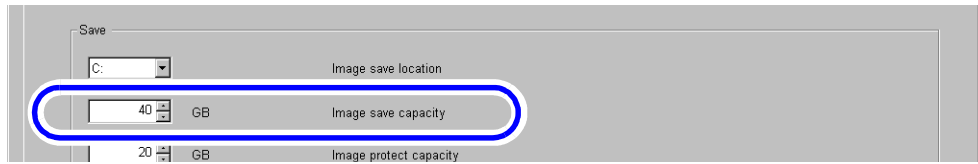
- If using a standard PC, the drive is C.
- If using a High spec PC or Super high capacity PC, select the driver other than C.
If a PC purchased from us is a high spec PC or Super high capacity PC, the drive is D.



S5120-00-UM05

3. Configure the **Image save capacity** setting.

The image save capacity varies depending on the specifications of your PC.



S5120-00-UM05

PC	Save capacity
Standard PC	Configure the capacity setting to 130 GB or less. NOTE <ul style="list-style-type: none">30 GB space is required for image processing on EZ Controller. Therefore, configuring the setting to 130 GB or less is required that is subtracted 30 GB from 160 GB of total capacity of drive for a standard PC. However, if the total capacity of drive is 160 GB or more, configure the capacity setting that is subtracted 30 GB from the total capacity.
High spec PC, Super high capacity PC	Configure the capacity setting to 60 GB or less. NOTE <ul style="list-style-type: none">20 GB space is required for image processing on EZ Controller. Therefore, configuring the setting to 60 GB or less is required that is subtracted 20 GB from 80 GB of total capacity of drive for a high spec PC or Super high capacity PC. However, if the total capacity of drive is 80 GB or more, configure the capacity setting that is subtracted 20 GB from the total capacity.

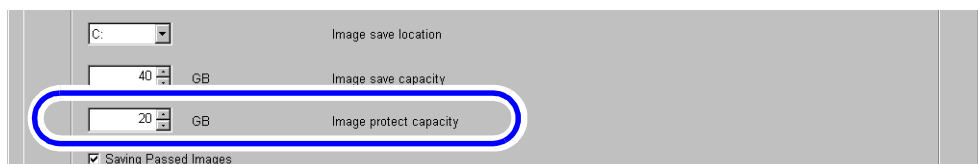


IMPORTANT

- If the capacity of received orders exceeds **Image save capacity** specified here, orders are deleted from the oldest one.
- The space of 20 GB or 30 GB or more may be required when processing a great deal of image data. In this case, the space of image save location configured here are used. Therefore, some orders saved may be deleted.

4. Configure the **Image protect capacity** setting.

Specify the area to save images that are not intended to delete in the capacity of **Image save capacity**. The maximum value of this setting is the one-half of **Image save capacity**.



S5120-00-UM05

If **Image save capacity** is changed, the value of **Image protect capacity** is automatically changed. The changed amount is less than the one-half of **Image save capacity**.

5. Click **OK**.

This completes configuring the temporary image save location and image save capacity settings.

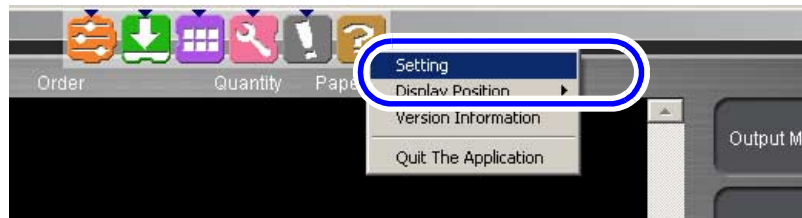
■ **Next, go to** • • •

Go to **Step 15** in the **Installation Procedure**.

9 How to view the EZ Controller Operator's Manual

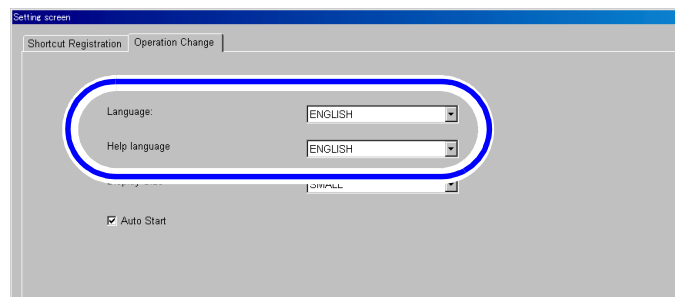
1. Right-click on the Switcher, and select **Setting**.

Example: Switcher



S087874

2. On the **Operation Change** tab, configure the **Language** and **Help language** settings, and click **OK**.



S087876

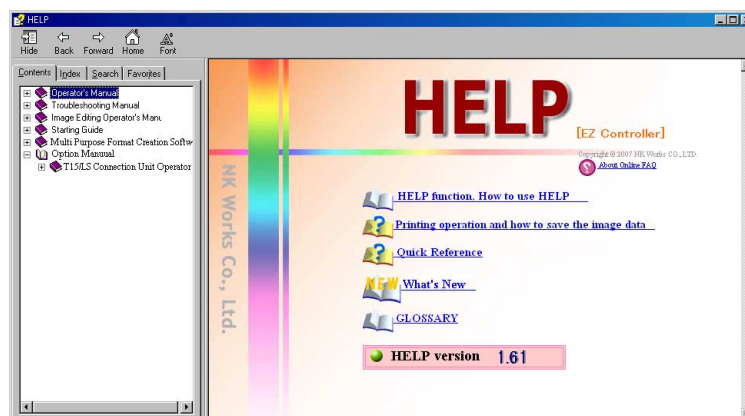
Item	Explanation
Language	Switches the language used on the Switcher.
HELP language	Switches the language used in the built-in manual (HELP) of this product.

3. Select the **HELP** icon on the Switcher.



G087850

The HELP display is shown.



S088337

For details about how to view the HELP, see **HELP functions** and **How to use HELP** on the HELP.

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