

Installing a Localised Version Of Windows Server 2003 R2

When installing Windows Server 2003 R2 Enterprise Edition in French, Italian, German, or Spanish, install it manually by following the steps described hereinafter. This document provides information on the procedures to follow for manually setting up an OS, the ft control driver, and utilities on the Fault Tolerant Server (hereafter, the Server).

All the messages described in this document are those for the English version. The actual messages displayed on your OS are in the language you selected.

What you need for the manual setup

Have the following media and manuals handy before you begin:

- EXPRESSBUILDER CD-ROM
- Windows Server 2003 R2, Enterprise Edition Disc1
- Windows Server 2003 R2, Enterprise Edition Disc2
- Windows Server 2003 Service Pack 2
- UPDATE CD
- 3.5 inch floppy disk x 1
- This document
- Setup Guide
- User Guide

Use the EXPRESSBUILDER CD-ROM, the Setup Guide and the User Guide included with the Server.

Before you start the installation

You need to create the Windows Server 2003 OEM-DISK for EXPRESSBUILDER first before you start the installation. There are two ways to create this disk, use one of the following methods.

If the Server is the only available computer to create a floppy disk for Windows Server 2003 OEM-DISK for EXPRESSBUILDER, choose the first method. If Windows Server 2003 is already installed on the Server, you can choose the second method as well.

- Create a floppy disk from the menu displayed when booting on the EXPRESSBUILDER disc. Follow the steps below:
 - a. Format a 3.5 inch floppy disk.
 - b. Power on the Server.
Connect the power cord, and press the power switch on the operating module (its lamp is lit).
 - c. Insert the EXPRESSBUILDER disc into the DVD-ROM drive.
Insert the CD-ROM into the DVD-ROM drive of the operating module (its lamp is lit).
 - d. Restart the Server.
Press **Ctrl + Alt + Del** or power off and on the Server.
The system boots from the CD-ROM, and the EXPRESSBUILDER starts.
 - e. On the *EXPRESSBUILDER* menu, select **Tools** and then **Create Support Disk**.
 - f. On the *Create Support Disk Menu*, select **Windows Server 2003 OEM-DISK for EXPRESSBUILDER**.
 - g. Insert the floppy disk into the floppy disk drive when prompted to do so.
Once the floppy disk of Windows Server 2003 OEM-DISK for EXPRESSBUILDER is created, write-protect it, attach a label, and keep it at hand.

- Create a floppy disk containing Windows Server 2003 OEM-DISK for EXPRESSBUILDER from the **Master Control Menu**

The **Master Control Menu** is supported on the following operating systems.

- Windows XP/2000
- Windows Server 2003
- Windows NT 4.0

Follow the steps below:

- a. Format a 3.5 inch floppy disk.
- b. Start the operating system.
- c. Insert the EXPRESSBUILDER disc into the DVD-ROM drive.
The *Master Control Menu* starts.
- d. Click **Setup**, and select **Make OEM-Disk**.
- e. Insert the floppy disk into the floppy disk drive when prompted to do so.
Once the floppy disk of Windows Server 2003 OEM-DISK for EXPRESSBUILDER is created, write-protect it, attach a label, and keep it at hand.

Starting the setup

Before initiating the setup, determine the size of the partition on which the OS will be installed. For details, refer to “Step 1: Things Required for Setup” in Chapter 4 “Windows Setup” in the Setup Guide.

And then, refer to the Setup Guide, and follow the steps below.

- Step 2: Prepare for Express Setup in Chapter 4 “Windows Setup”
- Step 3: Disable OS Boot Monitoring Function in Chapter 4 “Windows Setup”

Installing Windows Server 2003

Follow the steps below to install Windows Server 2003 R2, Enterprise Edition.

1. Power on the Server.
2. Insert the Windows Server 2003 R2, Enterprise Edition Disk1 into the DVD-ROM drive.
3. Press **Ctrl + Alt + Del**, or power off/on to restart the Server.

Press **Enter** during the message saying “Press any key to boot from CD...” is displayed in the header of the window.

The system boots from the CD-ROM, and the Server starts.

The setup window of Windows Server 2003 is displayed. If it is not displayed, it means you have not properly pressed the **Enter** key. Restart the server.

4. When the following message is displayed on the lower part of the window, press **F6** immediately.

Press F6 if you need to install a third party SCSI or RAID driver...

5. Type **S** when the following message is displayed.

Setup could not determine the type of one or more mass storage devices installed in your system, or you have chosen to manually specify an adapter.

Currently, Setup will load support for the following mass storage devices(s):

<none>

* To specify additional SCSI adapters, CD-ROM drives, or special disk controllers for use with Windows, including those for which you have a device support disks from a mass storage device manufacturer, press S.

* If you do not have any device support disks from a mass storage device manufacturer, or do not want to specify additional mass storage devices for use with Windows, press ENTER.

The following message is then displayed.

Please insert the disk labelled
Manufacture-supplied hardware support
disk
into Drive A:
*Press ENTER when ready.

6. Insert the Windows Server 2003 OEM-DISK for EXPRESSBUILDER floppy disk into the floppy disk drive, and press **Enter**.

The list is displayed as follows.

```
Stratus Virtual Disk Driver
Stratus Embedded SAS Adapter
```

7. Select the **Stratus Virtual Disk Driver** using the **up** and **down** arrow keys, and press **Enter**.

The following message is displayed.

```
Setup will load support for the following mass storage
device(s):
Stratus Virtual Disk Driver
```

Press **S** and then **Enter** to display once again the list shown in step (6). Select **Stratus Embedded SAS Adapter**, and press **Enter**.

8. When the following message is displayed, press **Enter** to continue.

```
Setup will load support for the following mass storage
device(s):
Stratus Virtual Disk Driver
Stratus Embedded SAS Adapter
```

9. When *Welcome to Setup* is displayed, press **Enter** to start the Windows setup. Follow the on-screen instructions to install Windows Server 2003.

10. When the window for setting the partition in which Windows Server 2003 will be installed is displayed, follow the on-screen instructions.

A message telling you “has not passed Windows Logo testing” is displayed, but this does not affect the system. Click **YES** to continue.

11. Once Windows Server 2003 is successfully installed, the Server restarts automatically.

12. Log on to the system to display the *Windows Setup* window.

Remove any floppy disk and CD-ROM.

Even if the *Windows Setup* window is not displayed, install Windows Server 2003 R2, Enterprise Edition Disk2 by following the steps below.

13. Insert the Windows Server 2003 R2, Enterprise Edition Disk2 into the DVD-ROM drive. Confirm the setting information, and then, click **OK**.

Perform the installation through Windows Server 2003 R2, Enterprise Edition Disk2 following the on-screen instructions.

14. Once the installation is completed, remove the Windows Server 2003 R2, Enterprise Edition Disk2 from the DVD-ROM drive. Restart the Server.

Updating the system

Once the system is restarted, perform an update. By updating the system, the required settings are made for the Server.

1. Log on to the system using an account with administrator privileges (administrator etc.).
2. Insert the EXPRESSBUILDER CD-ROM into the DVD-ROM drive.
The *Master Control Menu* is displayed.
3. Click **Setup**, and then click the **Update Express5800 system**.
(You can also right-click on *Master Control Menu*.)
Follow the on-screen instructions.
4. Click **OK** to restart the system when prompted to do so.
5. When the system shutdown starts, remove the EXPRESSBUILDER CD-ROM from the DVD-ROM drive.

Installing the ft Server Control Software

Exit all the programs before installing the ft Server Control Software. If the Microsoft management console is running, the installation will not successfully complete.

Follow the steps below to install the ft Server Control Software.

1. Log on to the system using an account with administrator privileges (administrator etc.).
2. Insert the EXPRESSBUILDER CD-ROM into the DVD-ROM drive.
3. Click **Setup of Master Control Menu**, and select **ft Server Control Software** from the menu.

Follow the on-screen instructions.

During the ft Server Control Software installation, a message saying “ft Server Control Software, Now Installing... Please Wait.” is displayed on the window. Do not use your keyboard and mouse while this message is displayed.

4. The system reboots several times during the process. Remove the CD if it is inserted.

After each reboot, once again log on with the account used to start the update. Once logged-on, the update process restarts automatically.

5. The installation is completed with the following message. Click **OK** to restart the system.

Installation finished.

Installing the NEC ESMPRO Agent

Before installing the NEC ESMPRO Agent, you must install the SNMP service. Follow the step below to install the SNMP service.

1. Log on to the system using an account with administrator privileges (administrator etc.).
2. On the **Control Panel**, open **Add or Remove Programs**.
3. Click **Add/Remove Windows Components**.
4. Select **Management and Monitoring Tools** on **Windows Components Wizard**, and then, click **Details**.
5. Select the **Simple Network Management Protocol** check box.
6. Click **Next**. The files are copied.

If prompted to insert the Service Pack 1 CD-ROM, insert the Windows Server 2003 R2, Enterprise Edition Disk1 into the DVD-ROM drive.

7. Click **Finish**.

After the SNMP service is installed, install NEC ESMPRO Agent from Master Control Menu of EXPRESSBUILDER.

1. Log on to the system using an account with administrator privileges (administrator etc.).
2. Insert the EXPRESSBUILDER CD-ROM into the DVD-ROM drive.
The *Master Control Menu* is automatically displayed.

3. Click **Setup - ESMPRO**.
ESMPRO Setup starts, and the *Main menu* is displayed.

4. On the *Main menu* of ESMPRO Setup, click **Agent**.

If you double-click on the menu, two dialog-boxes may be displayed. Close one of them by clicking the **Close** button.

If you click **Cancel** during the setup, you are prompted for confirmation. Click **Yes** to cancel the installation (The *Main menu* is however still displayed). The files that have been set up are not deleted when cancelling the setup.

5. Click **Next**.

If the NEC ESMPRO Agent is already installed, a message saying that an "NEC ESMPRO Agent is already installed." is displayed.

Click **Update** and **Next** to delete the old NEC ESMPRO Agent and install the new one.

6. The setup program automatically determines the server model.

If the setup program cannot determine a model, the NEC ESMPRO Agent Setup will be cancelled.

7. Enter the name of the path to the directory where NEC ESMPRO Agent will be installed, and click **Next**.
8. The NEC ESMPRO Agent module is installed in the \ESM directory of the root partition by default. Click **Next**.

If you wish to change the installation directory, click **Browse**, and specify the full path to the installation directory including its drive name. Click **Next**.

9. Click **Finish** when prompted that the installation is completed.

The NEC ESMPRO Agent functions will be enabled after the OS is restarted.

Installing the NEC ESMPRO Agent is installed suspends the SNMP service. The SNMP service is started once the OS is also restarted.

Even if the installation of ESMPRO is completed, the *Main menu* of ESMPRO Setup is still displayed. The menu may however be hidden behind other dialog boxes. When the ESMPRO Setup is completed, click **End** of the *Main menu*.

Applying Windows Server 2003 Service Pack 2

Insert the Windows Server 2003 Service Pack 2 CD-ROM into the DVD-ROM drive to apply the Windows Server 2003 Service Pack 2.

Refer to the on-screen instructions for the installation procedure.

Applying the UPDATE CD

Apply the UPDATE CD, and update the ft Server Control Software. Refer to the instructions included with the UPDATE CD for more information.

Various settings

Once the UPDATE CD is applied, refer to Chapter 4 “Windows Setup” in the Setup Guide and follow the steps listed below.

- Step 7: Set Dual LAN Configuration
- Step 8: Set Dual Disk Configuration
- Step 10: Connect and Configure Options
- Step 11: Create Volume
- Step 12: Set Network for NEC ESMPRO Agent
- Step 13: Enable OS Boot Monitoring Function
- Step 14: Make Settings for Failure Management
- Step 15: Back up System Information