

TYPE WS02-CFSC1-EV3 Network Configurator

Installation Guide

Thank you for purchasing the WS02-CFSC1-EV3 Network Configurator. This installation guide describes how to install the WS02-CFSC1-EV3. Please refer to the following manual for network establishment procedures, maintenance procedures for DeviceNet Safety devices using Maintenance Tool, and precautions for the Network Configurator/Maintenance Tool:

- System Configuration Manual (Cat. No. Z905-E1)

The following operation manuals are also available:

- Safety Network Controller Operation Manual (Cat. No. Z906-E1)
- Safety I/O Terminals Operation Manual (Cat. No. Z904-E1)
- DeviceNet Operation Manual (Cat. No. W267-E1)

Please keep this installation guide in a convenient location for easy reference.

OMRON Corporation

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1. System Requirements

The following computer system is required in order to use the Network Configurator.

Item	Requirement
Operating system (OS)	Windows XP (Service Pack 3 or higher except for 64-bit version) Windows Vista (Service Pack 2 or higher) Windows 7
Computer	A computer with a processor recommended by Microsoft Corporation.
Memory	The memory capacity recommended by Microsoft Corporation.
Hard disk	At least 200 MB of available space is required.
Display	SVGA (800 × 600 pixels) or better high-resolution display with at least 256 colors
Disk drives	CD-ROM drive
Mouse	A mouse or other pointing devices that is compatible with Windows is required.
Communications port	At least one of the following communications ports is required. <ul style="list-style-type: none"> · USB port: To go online via a NE1A-SCPU-series or NE0A-series USB port (USB 1.1). · Ethernet port: To go online via Ethernet. · DeviceNet Interface Card (3G8F7-DRM21 or 3G8E2-DRM21-V1): To go online via DeviceNet.

- Make sure that you are logged onto the computer as a user with administrator rights. It requires administrator rights to install.
- The DeviceNet Interface Card is not compatible with a 64-bit OS.

2. Installation

2.1. Installing the Network Configurator

■ Preparing for Installation

- Check the following items before beginning with the installation.
 - Available Hard Disk Space
The Network Configurator can be installed on the hard disk only. At least 200 MB of hard disk space is required. Make sure that there is enough space available.
 - Windows Environment and Installation Folder
The Network Configurator is a software application for a Windows operating environment. The software is installed on top of Windows. Make sure that Windows is installed and functioning correctly on the computer. Also, make sure that you are logged onto the computer as a user with administrator rights.

■ Installation Precautions

- If Network Configurator version 3 has already been installed from a different package, such as the CX-One, then the previous installation is updated. Files will be installed in the same folder as the one used by the previous package to upgrade functionality.
- If you install the software from the CX-One after installing the Network Configurator, installation of Network Configurator for EtherNet/IP will overwrite some of the files. As a result, some problems will occur, e.g., some devices will not be displayed in the Hardware List Pane. These problems can be solved by applying a patch. Execute the \Utility\CX-One_Update\Ntc****.****Setup_for_Safety.exe files (where * indicates any number) in the Network Configurator Master Disk and install the patch according to the instructions from the installer.

■ Installation Procedure

- Describes how to install on your PC.
1. Insert the Network Configurator Master Disk into the CD-ROM drive.
 - Open the CD-ROM drive from the Explorer and execute the setup.exe file.
 2. Complete the installation process following the instructions provided on screen.

2.2. Installing the USB Driver

You must install the USB driver to go online with the NE1A-series or NE0A-series Controller via USB.

■ Preparing for Installation

- Check the following items before beginning with the installation.
 - Connection to a Safety Network Controller
Turn ON the power supply to the Safety Network Controller (NE1A or NE0A) and then use a USB cable to connect the USB port on the Safety Network Controller to the USB port on a computer on which the Network Configurator has already been installed.
 - Windows Environment
Make sure that you are logged onto the computer as a user with administrator rights.

■ Installing on Windows XP

● STEP1

The computer will automatically detect the Safety Network Controller when the cable is connected and display a message saying that the new hardware has been detected. The **Found New Hardware Wizard** will be displayed. In the **Found New Hardware Wizard** Dialog Box, select the **No, not this time** option and click the **Next** Button.



● STEP2

Select the **Install from a list or specific location (Advanced)** Option and click the **Next** Button.



● STEP3

Select the **Search the best driver in these locations** Check Box and select the **Include this location in the search** Option. Click the **Browse** Button, select the \SafetyDrivers\USB folder in the folder in which the Network Configurator was installed or the \drivers\USB folder in the Network Configurator Master Disk (CD-ROM), and click the **Next** Button.



● STEP4

If a warning message appears saying that the driver has not passed the Windows logo test, ignore it and click the **Continue Anyway** Button.



● STEP5

When the driver installation is completed normally, the following dialog box will be displayed. Click the **Finish** Button.



● STEP6

The **Found New Hardware Wizard** Dialog Box will be displayed again. Perform the installation using the procedure in STEP1-STEP5.

■ Installing on Windows Vista

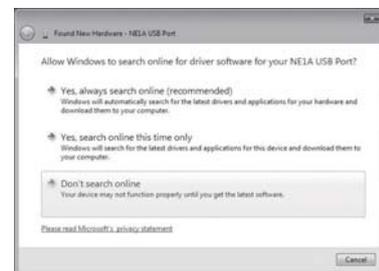
● STEP1

When the computer detects the Safety Network Controller, the **Found New Hardware** Dialog Box will be displayed. Select the **Locate and install driver software (recommended)** Option.



● STEP2

If the right dialog box is displayed, select the **Don't search online** Option.



- **STEP3**
Select the following: *I don't have the disc. Show me other options.*



- **STEP4**
Select the *Browse my computer for driver software (advanced)* Option.



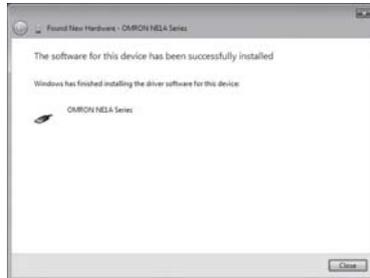
- **STEP5**
Under *Search for driver software in this location*, click the **Browse** Button, select the \SafetyDrivers\USB folder in the folder in which the Network Configurator was installed or the \drivers\USB folder in the Network Configurator Master Disk (CD-ROM), and click the **Next** Button.



- **STEP6**
The **Windows Security** Dialog Box will be displayed. Click the **Install** Button.



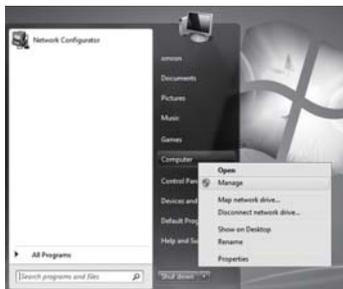
- **STEP7**
When the driver installation is completed normally, the following dialog box will be displayed. Click the **Close** Button.



- **STEP8**
The **Found New Hardware** Dialog Box will be displayed again. Perform the installation using the procedure in STEP2-STEP7.

■ Installing on Windows 7

- **STEP1**
Right-click **Computer** on the **Start** Menu, and then select **Manage**.



- **STEP2**
Select the **Device Manager** on the navigation pane. Right-click *NE1A USB Port* or *NE0A USB Port* under *Other Devices*, and then select **Update Driver Software**.



- **STEP3**
The **Update Driver Software** Dialog Box will be displayed. Select the *Browse my computer for driver software* Option.



- **STEP4**
Under *Search for driver software in this location*, click the **Browse** Button, select the \SafetyDrivers\USB folder in the folder in which the Network Configurator was installed or the \drivers\USB folder in the Network Configurator Master Disk (CD-ROM), and click the **Next** Button.



- **STEP5**
The **Windows Security** Dialog Box will be displayed. Click the **Install** Button.



- **STEP6**
When the driver installation is completed normally, the following dialog box will be displayed. Click the **Close** Button.



- **STEP7**
Repeat STEP1-2. *USB Serial Port* will be displayed under *Other Devices*. Perform the installation using the procedure in STEP2-6.

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