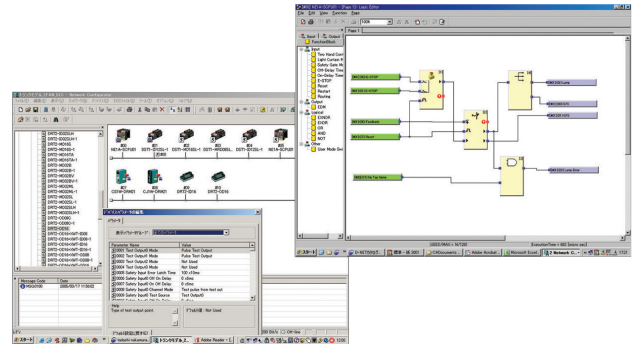


# Programming Software for Creating Safety Circuits.

- Performs settings for the Safety Network Controllers and Safety I/O Terminals.
- Provides safety circuit programming functions.
- Provides monitoring functions for safety circuits.
- Includes DeviceNet Configurator functions.



## Ordering Information

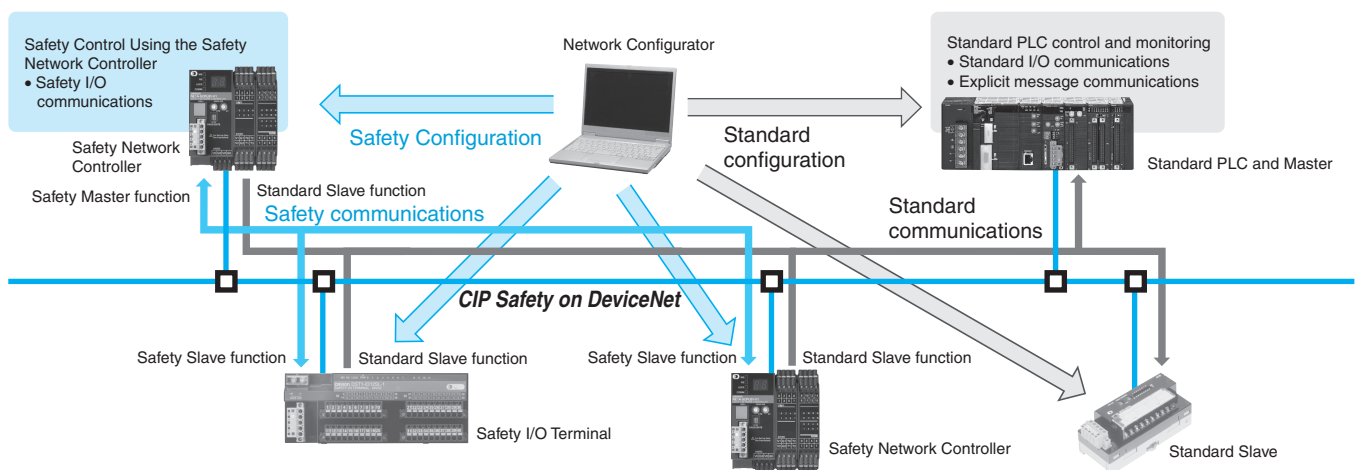
## List of Models

Name	Components	Applicable computer	Applicable OS	Model
Network Configurator	Installation disc (CD-ROM: 1 license)	IBM PC/AT or compatible	Windows XP Service Pack 3 (32-bit edition) Windows Vista Service Pack 2 (32-bit edition, 64-bit edition) Windows 7 (32-bit edition, 64-bit edition)	WS02-CFSC1-EV3
	Upgrade disc (CD-ROM: 1 license)		Windows 8 (32-bit edition, 64-bit edition) Windows 8.1 (32-bit edition, 64-bit edition) Windows 10 (32-bit edition, 64-bit edition)	WS02-CFSC1-EV3

**Note:** If you are using a version 2.1, consult your OMRON representative for details.

\* We recommend you use the upgrade disk if you are using a version earlier than version 2.1.

## System Configuration



CIP Safety™, DeviceNet™ and EtherNet/IP™ are trademarks of ODVA.

Windows is either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Microsoft product screen shots reprinted with permission from Microsoft Corporation.

Other company names and product names in this document are the trademarks or registered trademarks of their respective companies.

## General Specifications

Item	Overview
OS Japanese or English version	<p>■ Ver. 2.2□ or earlier Windows 2000 Professional (Service Pack 4 or later) Windows XP (Service Pack 2 or later, except for 64-bit version) Windows Vista (Service Pack 1 or later, except for 64-bit version)</p> <p>■ Ver. 3.30 or later Windows XP (Service Pack 3 or later, except for 64-bit version) Windows Vista (Service Pack 2 or later) Windows 7</p> <p>■ Ver. 3.4 or later Windows XP Service Pack 3 (32-bit edition) Windows Vista Service Pack 2 (32-bit edition, 64-bit edition) Windows 7 (32-bit edition, 64-bit edition) Windows 8 (32-bit edition, 64-bit edition) Windows 8.1 (32-bit edition, 64-bit edition) Windows 10 (32-bit edition, 64-bit edition) <b>Note:</b> Administrator rights are required for installation.</p>
Main unit	Personal computer with processor recommended by Microsoft
Memory	Memory capacity recommended by Microsoft
Hard disk drive	At least 200 MB of hard disk space
Monitor	SVGA (800 x 600 resolution) or higher with 256 colors minimum
Disk device	CD-ROM drive
Mouse	Windows-supported mouse or other pointing devices
Communications port (Note)	<p>One of the following communications port is required:</p> <ul style="list-style-type: none"> <li>• USB port: When using a USB port (USB 1.1) of NE1A-SCPU series or NE0A series to connect online</li> <li>• Ethernet port: When using Ethernet to connect online</li> <li>• DeviceNet interface card (3G8F7-DRM21 or 3G8E2-DRM21-V1): When using DeviceNet to connect online</li> </ul>

**Note:** 1. PC cannot be put into a standby state with the NE1A series connected via USB cable.

2. DeviceNet interface card does not conform to 64-bit operating system.

3. One or more USB port is required on a communications port of the maintenance tool.

## Safety Precautions

Refer to the "Safety Precautions for All DeviceNet Safety Systems" for precautions.

Be sure to read the following user's manual for other details required for correct use of the Network Configurator.  
DeviceNet Safety System Configuration Manual (Cat. No. Z905)

### Unit Versions and Network Configurator Versions

Network Configurator version 2.0□ or higher must be used when using a NE1A-SCPU01-V1 or NE1A-SCPU02 Safety Logic Controller with unit version 2.0.

Network Configurator version 2.2□ or higher must be used when using a NE1A-SCPU01-EIP or NE1A-SCPU02 Safety Logic Controller with unit version 1.1.

Network Configurator version 3.3□ or higher must be used when using a NE1A-SCPU01-EIP or NE1A-SCPU02 Safety Logic Controller with unit version 1.1.

The following table shows the relationship between unit versions and Network Configurator versions.

○ : Applicable, × : Not applicable

Model		Network Configurator					
		Ver. 1.3□	Ver. 1.5□	Ver. 1.6□	Ver. 2.0□/2.1□	Ver. 2.2□	Ver. 3.3□
NE1A-SCPU01	Pre-Ver. 1.0	○	○	○	○	○	○
NE1A-SCPU01-V1	Unit version 1.0	×	×	○	○	○	○
NE1A-SCPU02	Unit version 1.0	×	×	○	○	○	○
NE1A-SCPU01-V1	Unit version 2.0	×	×	○ (*1)	○	○	○
NE1A-SCPU02	Unit version 2.0	×	×	○ (*1)	○	○	○
NE1A-SCPU01-EIP	Unit version 1.0	×	×	×	×	○	○
NE1A-SCPU02-EIP	Unit version 1.0	×	×	×	×	○	○
NE1A-SCPU01-EIP	Unit version 1.1	×	×	×	×	○ (*1)	○
NE1A-SCPU02-EIP	Unit version 1.1	×	×	×	×	○ (*1)	○

\*1: It can be used as unit version 1.0.

**Note:** 1. Users who use Network Configurator version 1.5□ or earlier can upgrade to version 1.6□ at no charge.

2. When using Network Configurator version 1.6□, there are no operational differences in the NE1A-SCPU01-V1 and NE1A-SCPU02 Safety Logic Controllers that derive from the unit version.

## Terms and Conditions Agreement

### Read and understand this catalog.

Please read and understand this catalog before purchasing the products. Please consult your OMRON representative if you have any questions or comments.

### Warranties.

(a) Exclusive Warranty. Omron's exclusive warranty is that the Products will be free from defects in materials and workmanship for a period of twelve months from the date of sale by Omron (or such other period expressed in writing by Omron). Omron disclaims all other warranties, express or implied.

(b) Limitations. OMRON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCTS. BUYER ACKNOWLEDGES THAT IT ALONE HAS DETERMINED THAT THE PRODUCTS WILL SUITABLY MEET THE REQUIREMENTS OF THEIR INTENDED USE.

Omron further disclaims all warranties and responsibility of any type for claims or expenses based on infringement by the Products or otherwise of any intellectual property right. (c) Buyer Remedy. Omron's sole obligation hereunder shall be, at Omron's election, to (i) replace (in the form originally shipped with Buyer responsible for labor charges for removal or replacement thereof) the non-complying Product, (ii) repair the non-complying Product, or (iii) repay or credit Buyer an amount equal to the purchase price of the non-complying Product; provided that in no event shall Omron be responsible for warranty, repair, indemnity or any other claims or expenses regarding the Products unless Omron's analysis confirms that the Products were properly handled, stored, installed and maintained and not subject to contamination, abuse, misuse or inappropriate modification. Return of any Products by Buyer must be approved in writing by Omron before shipment. Omron Companies shall not be liable for the suitability or unsuitability or the results from the use of Products in combination with any electrical or electronic components, circuits, system assemblies or any other materials or substances or environments. Any advice, recommendations or information given orally or in writing, are not to be construed as an amendment or addition to the above warranty.

See <http://www.omron.com/global/> or contact your Omron representative for published information.

### Limitation on Liability; Etc.

OMRON COMPANIES SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCTS, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE OR STRICT LIABILITY.

Further, in no event shall liability of Omron Companies exceed the individual price of the Product on which liability is asserted.

### Suitability of Use.

Omron Companies shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product. At Buyer's request, Omron will provide applicable third party certification documents identifying ratings and limitations of use which apply to the Product. This information by itself is not sufficient for a complete determination of the suitability of the Product in combination with the end product, machine, system, or other application or use. Buyer shall be solely responsible for determining appropriateness of the particular Product with respect to Buyer's application, product or system. Buyer shall take application responsibility in all cases.

NEVER USE THE PRODUCT FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY OR IN LARGE QUANTITIES WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCT(S) IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

### Programmable Products.

Omron Companies shall not be responsible for the user's programming of a programmable Product, or any consequence thereof.

### Performance Data.

Data presented in Omron Company websites, catalogs and other materials is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of Omron's test conditions, and the user must correlate it to actual application requirements. Actual performance is subject to the Omron's Warranty and Limitations of Liability.

### Change in Specifications.

Product specifications and accessories may be changed at any time based on improvements and other reasons. It is our practice to change part numbers when published ratings or features are changed, or when significant construction changes are made. However, some specifications of the Product may be changed without any notice. When in doubt, special part numbers may be assigned to fix or establish key specifications for your application. Please consult with your Omron's representative at any time to confirm actual specifications of purchased Product.

### Errors and Omissions.

Information presented by Omron Companies has been checked and is believed to be accurate; however, no responsibility is assumed for clerical, typographical or proofreading errors or omissions.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Omron:

[WS02-CFSC1-EV3-UP](#)