DeviceNet Configurator Software Version 2.□

WS02-CFDC1

DeviceNet Configurator PC Card (Software Included)

3G8E2-DRM21-V1

Easily Build and Maintain Multi-vendor DeviceNet Networks.

- Easily build networks using graphical screen operations.
- Make connections from a DeviceNet Card for personal computers or from a serial port.
- Monitor devices while connected online.
- Build maintenance systems with Smart Slaves.

Ordering Information

Name	Applicable OS	Model
DeviceNet Configurator Software	Windows 98, Me, NT4.0, 2000, XP	**WS02-CFDC1-E**
DeviceNet Configurator PC Card ✻	Windows 98, Me, 2000, XP	**3G8E2-DRM21-EV1**

✻ The DeviceNet Configurator Software is included with the 3G8E2-DRM21-V1.

Specifications

Basic Functions	Virtual network management, device settings (I/O allocations, connection settings), device monitoring, device (EDS file) management, and online connections to DeviceNet devices
Created Files	Configurator network configuration files (*.npf) Configurator device parameter files (*.pvf)
Files created by exporting data	I/O comments: CSV-format files (*.csv) NetXServer DDE settings file (*.nxd) NetXServer ONC settings files (*.ini) ONC DRM Unit settings files (*.ini)

System Requirements

CPU	Pentium 166 MHz or better **Note:** Pentium 150 MHz or better for Windows Me Recommended: Pentium 200 MHz or better
OS	Windows 98, 98 SE, NT 4.0 (SP6a), 2000 (SP2 or higher), or XP

Hardware for Network Connection

Either of the following software applications is required to connect online to DeviceNet devices.

OMRON DeviceNet Board
- Special PCI Board: 3G8F7-DRM21
- Special PC Card: 3G8E2-DRM21-V1

OMRON CS/CJ-series PLC equipped with DeviceNet Unit
- Peripheral port *1
- Serial communications port or Serial Communications Unit *1
- Ethernet Unit *2

*1: An RS-232C COM port is required on the computer.
*2: An Ethernet port is required on the computer.

Overview

Configurator version 2.□ software provides functionality to build and operate multivendor DeviceNet networks as well as easily to use those networks by manipulating graphical screens. The Configurator enables creating virtual network configurations offline and making settings for devices. Also, maintenance information in Slaves can be set and monitored to build maintenance systems if Smart Slaves are used.

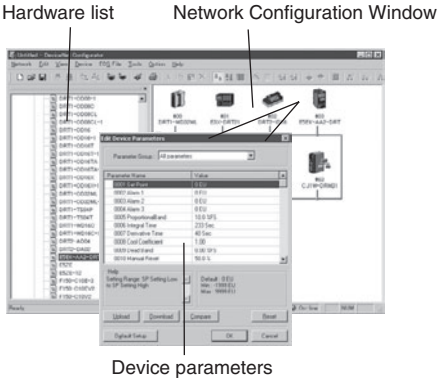
Building and Setting Networks

Easy to Build Networks Using Graphical Screen Operations

You can build a network and make device settings on a computer by dragging and dropping devices selected from the hardware list for virtual networks (equivalent to network configuration files) in the Configurator. Also, configurations can be downloaded to devices online and saved in files.

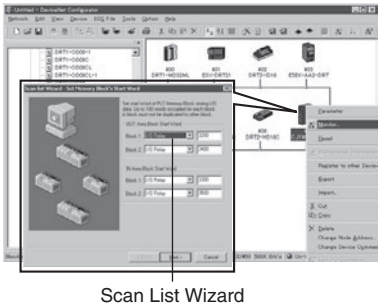
● **Setting Device Parameters**

You can configure a network and edit device parameters by dragging and dropping device files in the virtual network in the Configurator when it is offline. This improves design efficiency.



● **Creating a Scan List with the Wizard (Conversational Settings)**

You can use the wizard to easily allocate I/O and register Slaves to the Master to create a scan list.
And, you can easily check allocations to registered Slaves.

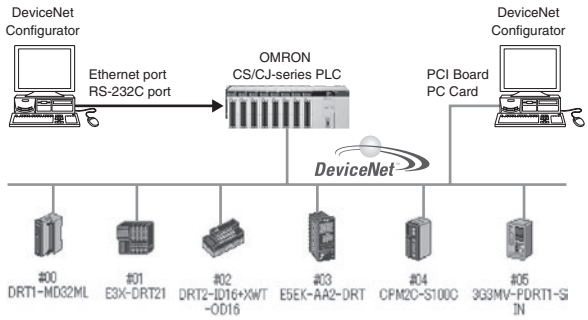


Online Connections

Connection from a DeviceNet Board for PC or Serial Port

Connections can be made online using a DeviceNet Board, DeviceNet Card, or OMRON CS/CJ-series PLC from the computer.

- You can directly connect to DeviceNet devices by using an OMRON PCI Board or PC Card through a DeviceNet Board or DeviceNet Card. (Nodes are allocated to the Board/Card.)
- Computer RS-232C COM Port Connection
  Connections can be made using a peripheral port or a serial port on a Serial Communications Board/Unit of an OMRON CS/CJ-series PLC that has a DeviceNet Unit connected to the COM port on a computer.
- Computer Ethernet Port Connection
  Connections can be made using an Ethernet Unit of an OMRON CS/CJ-series PLC that has a DeviceNet Unit connected to the Ethernet port on a computer.

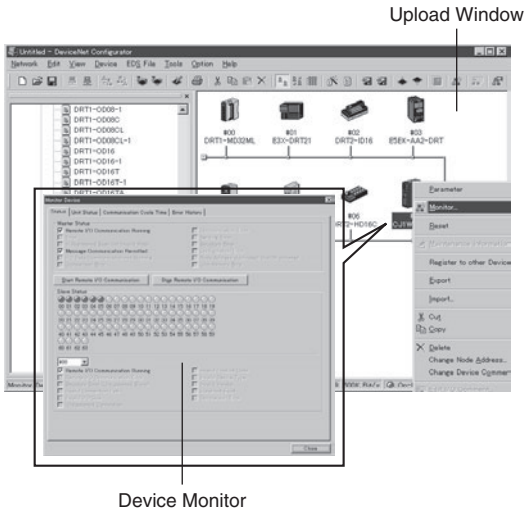


Device Management and Monitoring

Monitor Devices While Connected Online

- Support for Network Downloading and Monitoring for Devices*
  The following items can be monitored using an OMRON CS/CJ-series PLC.
  - Overall communications status of network
  - Status of Masters and Slaves
  - Unit status
  - Communications cycle time
  - Error history

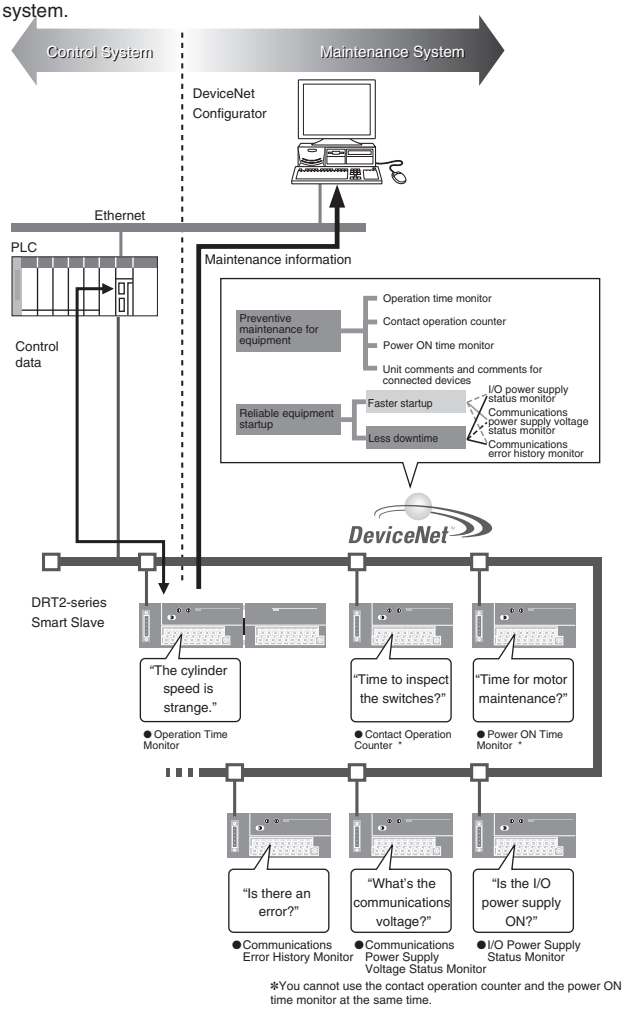
✻ This applies only to devices with the monitor function.



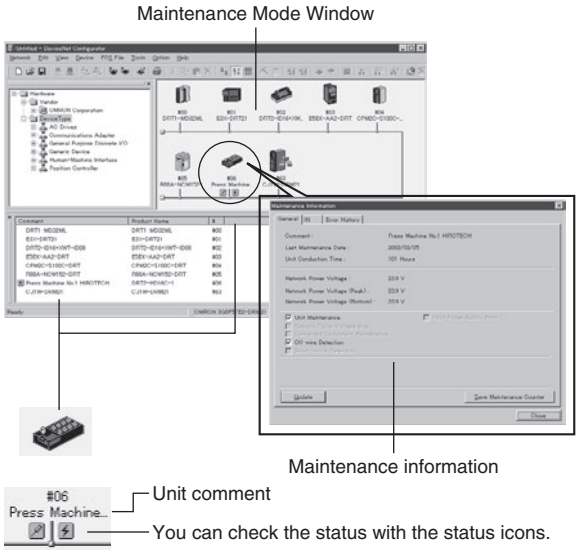
Building Maintenance Systems

Maintenance Systems Built with Smart Slaves

- Smart Slave Maintenance Information
  Maintenance information stored in Smart Slaves can be read and use to build a maintenance system that functions separately from the control system.



✻You cannot use the contact operation counter and the power ON time monitor at the same time.



Configurator List

- Software only: WS02-CFDC1-E
- PC Card with software included: 3G8E2-DRM21-V1
  (Applicable OS: Windows 98, Me, 2000, and XP)

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Industrial Automation Company

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