Enhanced Design and Development Environment



■ Applications

Omron's CX-Programmer makes working with a PLC so easy.

With CX-Programmer, You Can Do All This and More

- Develop, write, modify and debug programs online/
 offline
- Import and upgrade existing legacy programs (used in older Omron programming packages) using the file conversion utility.
- Setup hardware.
- · Setup and perform communications.
- · Setup PLC networks.
- · Perform diagnostics, testing and debugging.
- · Monitor data and networks.
- · Generate reports.
- Share tag data with other CX-Automation Suite products.

For ALL Omron PLCs, CX-Programmer is the software program to learn; anything else is a waste of time and money.

CX-Programmer structure offers flexibility in managing programs. It's Windows Explorer® style interface makes the task of creating logic programs easy. Multiple window displays, tree style overviews, "watch and output" windows, and standard Windows® menus all help to make it simple and intuitive to use.

It's packed with powerful features like support for legacy Omron programming software — you can import PLC programs created in SYSWIN, CPT, SSS, CVSS, and LSS directly; perform advance diagnostics; you can *trace data* and run *timing charts* or setup network routing tables and much more.

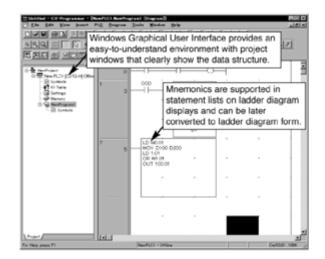
■ Key Features

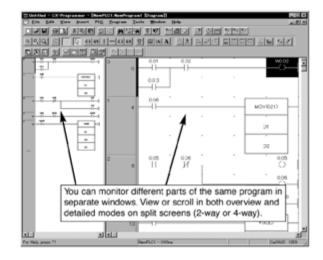
- Program all Omron Controllers and support network setup in one package.
- Programming software is compatible with Windows[®] 95/98/NT4.0 Systems 2000/XP. (Note that CX-Programmer version 3.0+ is needed for Windows[®] XP compatibility.)
- Built-in CX-Net and CX-Server network configuration utilities simplify communications between PLCs and PCs.

■ Specifications

Description	Operating system	Part number
CX-Programmer, full version single license, with manuals	Microsoft Windows: XP, 2000, NT 4.0 (service pack 3+), 98	WS02-CXPC1-EV□.□
CX-Programmer, full version 3-pack license, with manuals	Microsoft Windows: XP, 2000, NT 4.0 (service pack 3+), 98	WS02-CXPC1-EL03-V□.□
CX-Programmer, full version 10-pack license, with manuals	Microsoft Windows: XP, 2000, NT 4.0 (service pack 3+), 98	WS02-CXPC1-EL10-V□.□
CX-Programmer, trial version, runs for 30 days	Microsoft Windows: XP, 2000, NT 4.0 (service pack 3+), 98	WS02-CXPC1-ETR-V□.□

CX-Programmer Provides a Wealth of Functionality in an Efficient and Intuitive Environment





■ Easy Operation

- Operate either with or without using a mouse.
- Windows Explorer[®] style interface.
- Enter input/output instructions with function keys.
- · Advanced Find/Replace functions.
- Display operand input ranges.
- Convert text inputs to ladder diagrams. Either enter mnemonics into ladder diagram displays or convert text from text editors.
- Import/export I/O data to MS Excel.
- Program with I/O tags (names) rather than specific addresses.

Numerous Display and Monitoring Options

- · Monitor present values of specified addresses.
- Watch Windows enable monitoring of specific address locations.
- Output Windows can display: errors, search results, file read errors, and program comparison results.

■ Data Compatibility with Windows Applications

 Import I/O table data such as name, address, and I/O comments from Microsoft[®] Excel spreadsheets.

■ Flexible Maintenance Functions

- · Force-setting/resetting.
- · Differential monitoring.
- Timer/Counter set value changes.
- · Cross-references.
- Data trace and time chart monitoring.
- Online editing of multiple locations and controllers.
- Online editing of different tasks from different computers.

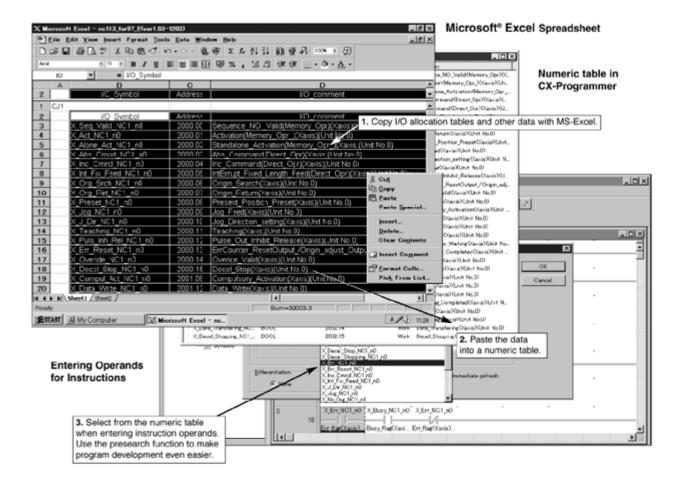
Remote Programming and Monitoring

- Access any PLC located on a network from a single location (single port multiple access).
- · Access remote PLCs via modem connections.
- Store/read CPU data (programs, parameters, memory contents, or comments) in memory files on optional Flash memory Cards or built-in data file (EM) file memory.
- Display time-stamped error histories (including usergenerated error logs) from the CPU.
- Protect programs for access using passwords.

■ Import/Export I/O Allocations, Comments and Symbol Names Using Microsoft® Excel

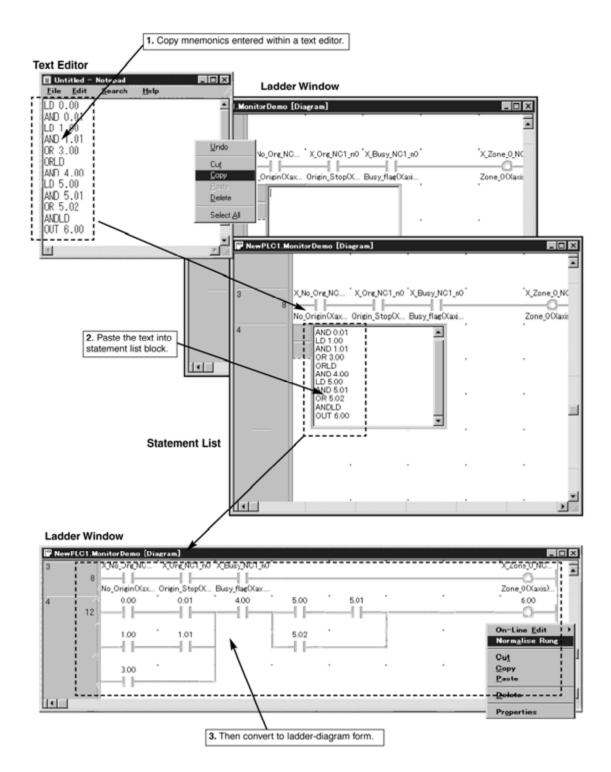
Reduce costs of program development with Microsoft® Excel.

I/O tables, including symbols, address and I/O comments can be copied and pasted directly from CX-Programmer to MS Excel or from MS Excel to CX-Programmer.



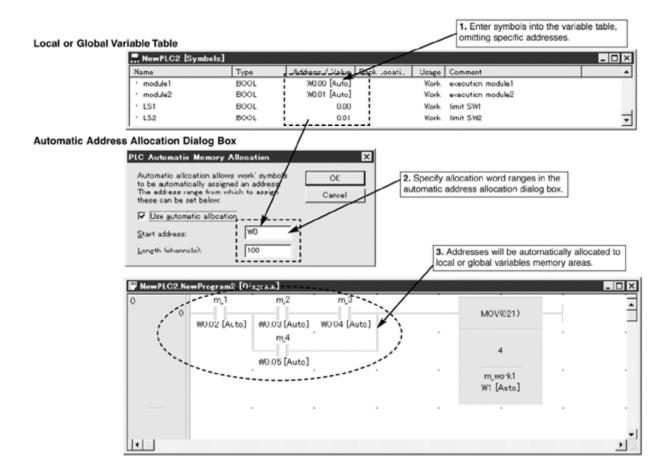
■ Create Programs with a Text Editor

Mnemonic programs can be created with any standard text editor, such as Notepad, and then pasted into CX-Programmer as a statement list to be used as part of the program. Switch between statement list or ladder logic display format with a click of the mouse.



■ Use Automatic Address Allocations for Increased Flexibility

CX-Programmer can automatically allocate I/O addresses. Assign a memory block size to any of the available data types, and CX-Programmer will auto allocate and increment addresses with the block.



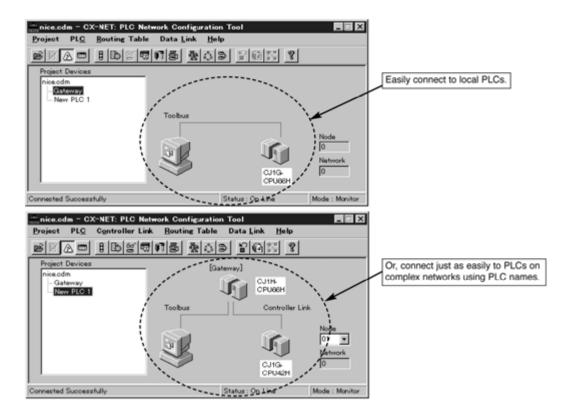
■ Network Configurations Made Easy

Configuring a network of PLCs couldn't be easier, with the CX-NET network configuration tool, setup PLC network routing tables, I/O tables, and data link tables.

Quickly connect to any PLC on the network.

From any single location along the network using Omron's single-port multiple-access (SPMA) technology, you can:

- · See devices present on the network.
- Run network diagnostics.
- · Create and transfer network routing and data link tables.





ALL DIMENSIONS SHOWN ARE IN MILLIMETERS. To convert millimeters into inches, divide by 25.4

OMRON ELECTRONICS LLC

One East Commerce Drive Schaumburg, IL 60173

847-843-7900

For US technical support or other inquiries:

800-556-6766

OMRON CANADA, INC.

885 Milner Avenue Toronto, Ontario M1B 5V8

416-286-6465

OMRON ON-LINE

Global - http://www.omron.com USA - http://www.omron.com/oei

Canada - http://www.omron.com/oci

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