Product News

OMRON
AUTOMATION & SAFETY

NO:	PC-345	PRODUCT:	CX-Compolet/Sysmac Gateway
DATE:	May 2017	TYPE:	Modification Notice

CX-Compolet and SYSMAC Gateway Middleware Updated to Version 1.71 to Support New Products, Expand Functions

Effective date: April 2017

The updated middleware allows access to PLC/Automation Controller data for applications that need to communicate with newer controllers.

Reason for modification:

- To support recent products: NX1P controllers, and NY512 and NY532 IPCs with embedded NJ machine controller.

- Read and write I/O memory in the PLC or Automation Controller, change the operating mode, read error logs, and perform other operations.

- Supports Microsoft Visual Studio.NET.

- For the CJ2 or NJ with EtherNet/IP functionality, I/O memory in the PLC or Automation Controller can be accessed by using tag names rather than addresses.

- Array and structure variable access is possible.

- Read and write variables corresponding to the data types of CIP that conform to ODVA specifications.

Affected Parts

Middleware included	Number of Licenses	Model
CX-Compolet and Sysmac Gateway	1	WS02-CPLC1
CX-Compolet only	1	WS02-CPLC2
Sysmac Gateway only	1	WS02-SGWC1
Software Development Kit. Order Sysmac Gateway separately.	0	WS02-SGWC1S

Valid license users can upgrade to the new version using their current license.

A 30-day trial version is also available.

Contact your local Omron distributor or sales personnel for more information.

Detail of Differences

Previous Version 1.7	Latest Version 1.71

Version Information
 	
WS02-CPLC1   Ver1.7
WS02-CPLC2   Ver1.7
WS02-SGWC1   Ver1.7
WS02-SGWC1S   Ver1.7
	Version Information
	
	WS02-CPLC1 Ver1.71
	WS02-CPLC2 Ver1.71
	WS02-SGWC1 Ver1.71
	WS02-SGWC1S Ver1.71
	
	New Features
	
	    All part numbers:
	    NX1P, NY512, NY532 support
	
	Added Functions
	
	    Example application is added for running on 64-bit processors.
	
	● WS02-CPLC1/CPLC2
	   ➢ Sample applications of the following Compolet are added for running on 64 bit processors.
	      ✧ NXCompolet
	      ✧ NYCompolet
	      ✧ CommonCompolet
	      ✧ VariableCompolet
	
	The following problems are fixed.
	
	● WS02-SGWC1
	   ➢ When connected to multiple PLCs a timeout would occur
	   ➢ Unreadable messages might display on Windows
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