

PC-based visualisation

CX-OPC

OPC- an open communications standard

Reduce your data integration costs with the use of open software.

Key features

CX-OPC connects the OMRON PLC systems to the information world, - SCADA, MES or Microsoft environment using the open standard OPC client.

These products allow easy visualisation of machine information, through standard ready-to-use (graphical) components to create production and machine statistic reports or simple control applications.

No specialised knowledge of PLC systems or networks is needed to use these products. Any VBA or Visual Basic user can use OPC successfully.

The products represent a substantial time saving compared with conventional programming.



General Data

	Specification
Supported PLC systems	CS1, CJ1, C20, CXxK, CXxH, CXxp, SRM1, CPM, CQM1, CQM1H, C200H/-HS/-HX/-HG/-HE, C1000H, C2000H, CV/CVM1
Communication	<ul style="list-style-type: none"> • Peripheral port and Host Link port via COMx (RS-232C) • Controller Link, SYSMAC NET, SYSMAC Link • Ethernet • Modem
Supported Software	<ul style="list-style-type: none"> • MS Excel 97 and later • MS Visual Basic 5 and later • MS Visual C++ 6.0 • SCADA supporting OPC 2.04 • MES applications using OPC 2.04

Product Overview

	Description	Model code
Program	OPC server to serial connection single application	CX-OPC-EVx.xx-S
	OPC server to serial connection 3 applications	CX-OPC-E03Vx.xx-S
	OPC server to serial connection 10 applications	CX-OPC-E10Vx.xx-S
	OPC server to serial+ network connection single application	CX-OPC-EVx.xx-N
	OPC server to serial + network connection 3 applications	CX-OPC-E03Vx.xx-N
	OPC server to serial + network connection 10 applications	CX-OPC-E10Vx.xx-N

Functions

Program integration	<ul style="list-style-type: none"> • Integration in VBA and Visual Basic via ActiveX® components • The interoperability of CX-Server OPC has been tested with numerous commercially available OPC clients
Application	Application-based display of PLC and OPC Server data with the features of MS Office products as well as VBA and Visual Basic
OPC functions	<ul style="list-style-type: none"> • Synchronous or Asynchronous communication • Reading from cache or device • Subscription update rates starting from 100 milliseconds
Standard controls	<ul style="list-style-type: none"> • 7 Segment- and Display control to display data in multiple formats • Toggle button, Rotary Knob, Thumbwheel control and LED Indicator to write a value with a single click and to visualize the value at the same time • Linear- and Rotational Gauge that can display data in a graphical way • Data Logging, Timer and Linker controls to log data, trigger actions and connect third party ActiveX® controls

Software