Software

OMRON AUTOMATION & SAFETY

Application	Hardware	Software
Vision	NJ Series MAC	Sysmac Studio
Network	CJ/CS Series PLCs	CX-One
Motion	CP-Series PLCs	CX-One Lite
Temperature and Process Control		CX-Supervisor
Logic		Omron InduSoft
PC-Based Visualization & Enterprise	Database/Server/PC	Middleware Only

SCADA for Omron Only

SCADA for Omron & 3rd Party

Individual Software Titles & Associated Hardware

Category		Sysmac Studio Software Suite	CX-One Software Suite	CX-One Lite Software Suite	Independent Part Number
	Logic	Sysmac Studio (IDE) for Logic/Motion/Vision Machine Automation Controller (MAC): NJ, NX G5 Servos MX2 Drives ERT, NX I/O FQ-M Vision	CX-Programmer for all PLC: CP, CJ, CS, CV, CP1, CPM, SRM, CQM, C200H, C1000H, C2000H, FQM1, IDSC, and NSJ	CX-Programmer for Micro PLC ONLY: CP, CPM and SRM.	–
	Simulation		CX-Simulator for PLC & HMI: CP, CJ, CS, CV, CP1, CPM, SRM, CQM, C200H, C1000H, C2000H, FQM1, IDSC, and NSJ PLCs; NS HMI		–
	Motion		CX-Motion Pro for Trajexia and MCH72 CX-Motion & CX-Position for NC and MCH	–	–
	Drives		CX-Drive for AC Drives and Servos: JV, MV, RV, JX, MX, RX AC Drives; G, G5, W Series & SmartStep Servos		CX-DRIVE-V2.X
	Vision		–	–	–
	HMI	CX-Designer for NS-Series HMI: NS, NSJ, NSH5, NS-Runtime			–
		–	NV-Designer for the NV-Series HMI		–
		–	NT Support Software for NT-Series HMI		NT-ZJCAT-EV4
	Temperature & Process Control	–	CX-Thermo for Temperature & Process Controllers: E5CC, E5N, EJ1, E5Z, E5R		EST2-2C-MV4
	Networks	CX-Integrator for Factory Automation networks: Ethernet, DeviceNet, CompoNet, ControllerLink, Compoway/F, NT Link			–
		Network Configurator for EtherNet/IP			–
		CX-ConfiguratorFDT for PROFI networks: PROFIBUS, PROFINET			–
			CX-FLnet for FL-Net		

Programming & Configuration	Description	Licensed # Users	Standard License Part Number		Upgrade License Part Number		Solution Selection Guide Quick Link
			DVD Version	CD Version	DVD Version	CD Version	
Sysmac Studio Software Suite	True Integrated Development Environment (IDE) for entire applications using the Sysmac Platform NJ-Series Machine Automation Controller (MAC). The environment promotes Easy Configuration, Easy Programming, and Easy Troubleshooting of the entire solution from controller to peripherals, including Logic, Motion, Vision, Networks, Drives, I/O, and HMI. Sysmac Studio includes free online AutoUpdates for registered users, ensuring that all of the latest features and functionality are available.	1-User	SYSMAC-STUDIO-1USER	–	–	–	L432
		3-User	SYSMAC-STUDIO-3USER				
		10-User	SYSMAC-STUDIO-10USER	–	–	–	
		30-User	SYSMAC-STUDIO-30USER	–	–	–	
		50-User	SYSMAC-STUDIO-50USER	–	–	–	
		Site	SYSMAC-STUDIO-SITE	–	–	–	
		30-Day TRIAL	SYSMAC-SE200D	–	–	–	
CX-One Software Suite	The original automation software suite for an entire Omron solution, including PLC, Motion, Drives, I/O, HMI, and other components shown below. CX-One includes free online AutoUpdates for registered users, ensuring that all of the latest features and functionality are available. Upgrade Licenses are available for verifiable past purchasers of CX-One V1-V3, CX-Programmer, Syswin, CPT, LSS, and CVSS.	1-User	CXONE-AL01D-V4	CXONE-AL01C-V4	CXONE-AL01D-V4-UP	CXONE-AL01C-V4-UP	L422
		3-User	CXONE-AL03D-V4	CXONE-AL03C-V4	CXONE-AL03D-V4-UP	CXONE-AL03C-V4-UP	
		10-User	CXONE-AL10D-V4	CXONE-AL10C-V4	CXONE-AL10D-V4-UP	CXONE-AL10C-V4-UP	
		30-User	CXONE-AL30D-V4	CXONE-AL30C-V4	CXONE-AL30D-V4-UP	CXONE-AL30C-V4-UP	
		50-User	CXONE-AL50D-V4	CXONE-AL50C-V4	CXONE-AL50D-V4-UP	CXONE-AL50C-V4-UP	
		Site	CXONE-ALXXD-V4	–	CXONE-ALXXD-V4-UP	CXONE-ALXXC-V4-UP	
		30-Day TRIAL	Request from Omron Literature Fulfillment				
CX-One Lite Software Suite	Suite for Micro PLCs and others shown below. Includes Auto Updates for minor revisions. License agreement allows for only 1 license to be used per PC. Lite Upgrade Suite for verifiable past purchasers of CX-Prgmr Jr, CX or NS Designer.	1-User	–	CX-ONE-LT01C-V4	–	CX-ONE-LT01C-V4-UP	
CX-One for Distributors Only	CX-One software suite for unlimited use internally within the distributor	Distributor	CXONE-DISTRIBUTOR-V4	–	–	–	–
Upgrade to CX-One from CX-One Lite or CX-Programmer (Jr.)	Single license upgrade from a verifiable past purchaser of CX-Programmer Jr or CX-One Lite to CX-One	1-User	–	–	CXONE-JR-LITE-V4-UP	–	–
Zen Software	Programs the Zen Programmable Relay	1-User	–	ZEN-SOFT01-V4	–	–	H233

PC-Based Visualization & Enterprise Software	Description		License Type	Part Number	Quick Link
Omron Indusoft	Supervisory Control And Data Acquisition (SCADA) partner software supporting Omron and a multitude of 3rd party devices. Offers easy remote access options and redundant server functionality for ultimate data integrity. Other features include Alarms, Multi-level security, recipes, OPC, and an extensive library to speed development. SYSMAC Gateway and CX-Compolet runtime is included for best Omron communication via virtual PLC event memory.		–	See Omron InduSoft Sales Guide	L429
CX-Supervisor	Supervisory Control And Data Acquisition (SCADA) software supporting database connectivity for Omron or OPC systems. CX-Supervisor features scripting, alarms, animation, recipes, and image libraries. It supports database formats: SQL, ODBC, MS Access, MS Excel. dBase, CSV.		Developer V3	CX-SUPERVISOR-V3	L429
			Developer Upgrade V3	CX-SUPERVISOR-UPGR-V3	
			Runtime Machine Edition V3 (500 Tags)	CX-SUPERVISOR-RUN-ME-V3	
			Runtime PLUS Edition V3 (8,000 Tags)	CX-SUPERVISOR-RUN-PLUS-V3	
			Runtime Upgrade V2 to V3 (No New USB Dongle)	CX-SUPERVISOR-RUN-UPGR-V3	
			Runtime ME Upgrade V1 to V3 (w/ USB Dongle)	CX-SUPER-RUN-ME-V3-UP	
			Runtime PLUS Upgrade V1 to V3 (w/ USB Dongle)	CX-SUPER-RUN-PLUS-V3-UP	
			Trial Edition V3	CX-SUPERVISOR-TRIAL-V3	
NS Runtime	Runtime software to use CX-Designer (NS-Series Operator Interface Terminal) projects on PCs, monitoring and controlling devices, and collecting data.		1-User	NS-NSR-CL1	N524
			3-User	NS-NSR-CL3	
			10-User	NS-NSR-CL10	
CX-Server Lite	Communication middleware designed for 1:1 PC to PLC data acquisition used in 3rd party interfaces or enterprise systems. Simple communications package to read and write data to Omron devices using an ActiveX container, such as Microsoft Excel, Visual Basic or .NET environments.		1-User	CX-LITE-EV2	–
			Annual Site (1yr renewable)	CX-LITE-EV2XX	
CX-Server OPC	OPC stands for OLE for Process Control, a data exchange standard for industrial hardware vendors. CX-Server OPC is compliant with clients that support V1.0 & V2.0 OPC data access, allowing 3rd party SCADA to read and write OPC items synchronously.		–	CX-OPC-EV2	–
Sysmac Gateway	Communication middleware designed for 1:N PC to PLC data acquisition used in 3rd party interfaces or enterprise systems. SYSMAC Gateway is the only middleware capable of CIP communications and tag data link (EtherNet/IP) with Omron Sysmac NJ and CJ2 controllers, and includes middleware formally sold separately as FINS Gateway. SYSMAC Gateway creates virtual PLC event memory in the PC to ensure fastest most reliable data link. Supported communications: RS-232C, USB, Controller Link, SYSMAC LINK, Ethernet, EtherNet/IP.		1-User Development	WS02-SGWC1S	–
			1-User Runtime	WS02-SGWC1	
			10-User Runtime	WS02-SGWC1-L10	