



InteractX includes 60+ bundled communication drivers for the major PLC and Motion Control manufacturers. The following drivers are available for the InteractX COMM Server. Most drivers are provided, at no additional cost, with each development and runtime system (all optional drivers are indicated). One or more of the drivers listed below may be used in any application.

Manufacturer	Communication Type (Driver)	Control Devices Supported	Protocol
Allen-Bradley	ControlLogix Ethernet/IP	ControlLogix 5550 / 5553 / 5555 / 5561 / 5562 / 5563 processors <ul style="list-style-type: none"> <li>Via 1756-ENBT / ENET Ethernet module</li> <li>Via 1761-NET-ENI Series B using Channel 0 (Serial)</li> </ul> CompactLogix 5320 / 5330/ 5535E processors <ul style="list-style-type: none"> <li>Built-in EtherNet/IP port on processors with E suffix (i.e. 1769-L35E)</li> <li>Via 1761-NET-ENI Series B using Channel 0 (Serial)</li> </ul> FlexLogix 5433 / 5434 processors <ul style="list-style-type: none"> <li>Via 1788-ENBT Ethernet Daughtercard</li> <li>Via 1761-NET-ENI Series B using Channel 0 (Serial)</li> </ul> SoftLogix 5810 / 5830 / 5860 processors <ul style="list-style-type: none"> <li>Via SoftLogix EtherNet/IP Messaging module.</li> </ul> MicroLogix 1000 / 1200 / 1500 <ul style="list-style-type: none"> <li>Via 1761-NET-ENI</li> </ul> MicroLogix 1100 <ul style="list-style-type: none"> <li>Via MicroLogix 1100 Channel 1 (Ethernet) or 1761-NET-ENI</li> </ul> SLC 500 Fixed I/O Processor <ul style="list-style-type: none"> <li>Via 1761-NET-ENI</li> </ul> SLC 500 Modular I/O Processors (SLC 5/01, SLC 5/02, SLC 5/03, SLC 5/04, SLC 5/05) <ul style="list-style-type: none"> <li>Via DH+ Gateway* or 1761-NET-ENI</li> </ul> PLC-5 series (excluding the PLC5/250 series) <ul style="list-style-type: none"> <li>Via DH+ Gateway or 1761-NET-ENI</li> </ul> PLC-5/20C, PLC-5/40C, PLC-5/80C <ul style="list-style-type: none"> <li>Via ControlNet Gateway or 1761-NET-ENI</li> </ul>	Ethernet / IP (CIP over Ethernet)
	DH+/DH-485 Networks	SLC5 and PLC5 connections using a network interface card. Supported Interface Cards AB: 1784 KTX/KTX-D, PKTX/PKTX-D, or PCMK/B,SST Woodhead: 5136-SD-ISA or 5136-SD-PCI	Allen-Bradley DH+ or DH-485
	PLC2 Ethernet	Allen-Bradley PLC's programmed to send PLC-2 type commands	Allen-Bradley Unsolicited Ethernet
	SLC5/PLC5 Ethernet	SLC5/05 processor, PLC5 series excluding the PLC5/250 series	Allen-Bradley Ethernet
	SLC5/PLC5(DF1) Serial	Micrologix series*, SLC500 series*, PLC-5 series excluding the PLC-5/250 and PLC-5/VME series  * Radio Modem link protocol requires the following firmware upgrades: SLC 5/03, SLC 5/04 and SLC 5/05: Series C FRN6MicroLogix 1200: Series C FRN7 MicroLogix 1500: Series C FRN8	DF1 Full-Duplex (point to point communication) and Half-Duplex Master (multidrop communication, DF1 Polled-Mode)
Aromat	FPx Serial	FP0, FPM, FP1 (models: C16, C24, and C40), FP3, FP10SH	MEWTOCOL-COM
	FPx Ethernet	FP series PLC with ET-LAN Ethernet unit	FP Ethernet Protocol (UDP or TCP)



## InteractX 4.00 Driver Guide



<b>Automation Direct</b>	205/405 ECOM Ethernet	DL-05, DL-06, DL-230, DL-240, DL-250, DL-260, DL-430, DL-440 and DL-450 PLCs via an Hx-ECOM module.	Koyo Ethernet
	205/305/405 DirectNet Serial	DL-05, DL-06, DL-230, DL-240, DL-250, DL-260, DL-330, DL-340, DL-430, DL-440 and DL-450 PLCs	DirectNet Hex Mode
	205/405 K Sequence Serial	SG Series PLCs SL Series PLCs D1-105, D2-05, D2-06, D2-230, D2-240, D2-250, D2-260 D4-430, D4-440, D4-450	Koyo K Sequence
<b>Busware</b>	Busware Ethernet	BUSWARE Ethernet I/O modules models: E200-FB00, E201-8B00, E290-FB00, E151-FB00, E190-8B00, E250-FB00, E300-FB00, and E191-CB00 BUSWARE RS-485 I/O connected through an Ethernet I/O module models: M200-FB00, M290-FB00, M151-FB00, M190-8B00, M181-4B00, M250-8B00, and M300-8B00	Modbus Open Protocol over Ethernet using Winsock V1.1 or higher.
<b>Compumotor</b> Example applications provided on CTC's web site for Compumotor products	See Listing Under Parker	See Listing Under Parker	See Listing Under Parker
<b>Contrex</b>	Contrex CX-Series Serial.	Contrex CX-1000 Motion Controller	CX-Series Serial Communications Binary Data-Link Protocol.
	Contrex M – Series	M-Cut, M-Drive, M-Rotary, M-Shuttle, M-Track, M-Traverse, M-Trim, ML-Drive, ML-Trim	M-Series Data-Link Protocol (4 byte/ 8 byte).
<b>Control Technology Inc.</b>	CTi 2500 Ethernet	CTi 2500 Series Processors	<i>(Use Siemens/TI 505 Driver)</i>
	CTi 2500 Serial	CTi 2500 Series Processors	<i>(Use Siemens/TI 505 Driver)</i>
<b>Cutler – Hammer</b>	Cutler – Hammer Serial	D50 and D300 Programmable Controllers	Cutler-Hammer Hex Mode Protocol
<b>Fuji</b>	Fuji Flex	NB/NS/NJ series serial communications	Fuji Computer Link
<b>GE Fanuc</b>	CCM Serial	Series 90-30 311/313, 331/341 Series 90-70 731/732, 771/772, 781/782 Series Six CCM2 Series Five	GE CCM
	GE Ethernet	Series 90-30 311/313, 331/341, 350,360 Series 90-70 731/732, 771/772, 781/782 GE OPEN (Wide range model support) Horner OCS (Horner's Operator Control Stations)	GE Ethernet
	GE Ethernet Global Data	Series 90-30 CPU-364 or higher equipped to handle EGD transactions Any device that supports EGD protocol.	EGD Transactions
<i>GE Fanuc continued.</i>	SNP Serial	Series GE Micro Series 90-30 311/313, 331/341, 350,360 Series 90-70 731/732, 771/772, 781/782 GE OPEN Wide range model support	GE SNP

## InteractX 4.00 Driver Guide



	SNPX Serial	Series GE Micro Series 90-30 311/313, 331/341, 350,360 Series 90-70 731/732, 771/772, 781/782 GE-OPEN Wide range model support	GE SNPX
<b>General</b>	DDE Client	DDE Client Driver is capable of standard "CF TEXT" DDE data format	"CF TEXT" DDE data format
	ODBC Database Client	Retrieves data records from ODBC compliant databases such as using the Microsoft Data Access Components (MDAC) including <ul style="list-style-type: none"> <li>• Microsoft Access</li> <li>• Microsoft SQL</li> <li>• Oracle</li> <li>• Sybase</li> </ul>	ODBC Database using MDAC
	Simulator	Live data simulation including Boolean, ramp, wave,sine and string values	-
<b>General (Cont'd)</b>	Advanced Simulator	Provides data simulation by returning values sequentially on a timed basis from an ODBC record set	-
	OPC Client	InteractX tags may be served to 3rd party OPC Clients.	-
	OPC Server	3rd party OPC Servers can be used to interface to multiple control devices	-
	User Configurable Driver	Serial and Ethernet devices	Master and unsolicited messaging for ASCII and Binary protocols. Ethernet Devices via Ethernet Serial Encapsulation
<b>Hilscher</b>	DeviceNet and Profibus DP	Use with Hilscher Communications Interface (CIF)cards for DeviceNet and Profibus DP connectivity. DeviceNet Master: CIF50-DNM DeviceNet Slave: CIF50-DNS Profibus DP Master: CIF50-PB Profibus DP Slave: CIF50-DPS	Universal Device Driver for CIF Cards
<b>Honeywell</b>	UDC Serial	Honeywell UDC 3000 UDC 3300 MODB3K mode	Modbus RTU with Honeywell UDC extensions
<b>Intelligent Actuator</b>	IA Super SEL Serial	IA Super SEL Controllers (Type E & G)  X-Sel Controllers	Super SEL and X-Sel Controllers: Serial Communication Protocols
<b>IDEC</b>	Serial	Micro1, Micro3, MicroSmart, OpenNet, FA2J, FA2, FA3S-CP11 and FA3S-CP12 PLCs	Idec ASCII Protocol
<b>IOtech</b>	PointScan ModBus TCP	IOtech PointScan 100 modules  IOtech PointScan 200 modules connected through a PointScan 100 module.	Modbus Open Protocol over Ethernet using Winsock V1.1 or higher.
<b>Micro-DCI</b>	Micro-DCI Serial	53MC1000, 53MC2000, 53MC2002, 53MC4000, 53MC5000	Micro-DCI DataLink Protocol. Binary mode switching through the configuration port is supported.
<b>Mitsubishi</b>	A and Q Series Ethernet	All A Series PLCs via AJ71E71 Module All Q Series PLCs via A1SJ71QE71 Module	Mitsubishi Ethernet

## InteractX 4.00 Driver Guide



	A Series Serial	All A Series PLCs	Format 1 with Checksum Enabled
	FX Net Serial	FX, FX2C, FX0N, FX2N	Format 1, Checksum
	FX Series Serial	FX, FX0, FX0N, FX2N	Direct Serial
<b>Modicon</b>	Modbus Ethernet	Modbus Ethernet compatible devices, both Master and Slave.	Modbus Master and Slave (Mailbox)
	Modbus Plus	Modbus Plus compatible devices, both Master and Slave.	Modbus Plus via SA85 card
	Modbus Serial ASCII	Modbus ASCII compatible devices, Flow Computers using the Daniels/Omni/Elliott register addressing	Modbus ASCII
	Modbus Serial RTU	Modbus compatible devices Elliott Flow Computer Magnetek GPD 515 Drive Omni Flow Computer	Modbus RTU
	Modbus Serial RTU SLAVE - Unsolicited	Modbus compatible devices	Modbus RTU
<b>Omron</b>	Fins Ethernet	C200H/C200HE/C200HE-Z/C200HG/C200HGZ/ C200HS/C200HX/C200HX-Z,C500, C1000H, C2000/C2000H, CV500, CV1000,CV2000, CVM1/CVM1-V2 (CPU01/CPU11/CPU21), CS1H/CS1G	Omron FINS
	Fins Serial	C200H/C200HE/C200HE-Z/C200HG/C200HGZ/ C200HS/C200HX/C200HX-Z,C500, C1000H, C2000/C2000H, CV500, CV1000,CV2000, CVM1/CVM1-V2 (CPU01/CPU11/CPU21), CS1H/CS1G	Omron FINS
	Host Link	C20H, C200H, CQM1	Omron Host Link
<b>Optimization</b>	Optilogic Ethernet	OL2208, OL2211, OL2201; OL2108, OL2109, OL2111; OL2408, OL2418; OL2252; OL3406, OL3420, OL3440, OL3850	Ethernet using Winsock V1.1 or higher.
<b>Parker</b>	Acroloop ACR9000	ACR9000 Series EtherNet/IP	Ethernet/ IP (ACRCIP)
	Acroloop PC Bus Cards	ISA and PCI ACR1500, ACR2000, ACR8010, and ACR8020 PC Cards	Bus Interface
	Acroloop General Serial	ACR9000 RS-232 Serial	User Config. Driver
<i>(*Note: The 6K OPC Server is an extra Cost Option)</i>	6K Serial and Ethernet	6K Series of Universal Motion Controllers 6K2, 6K4, 6K6 and 6K8	Compumotor 6K OPC Server

## InteractX 4.00 Driver Guide



<b>Parker (Cont'd)</b>	Compax3 Serial	RS-232 and RS-422 serial connectivity	Compax 3 Serial
	Gemini and Gemini6K	Serial and Ethernet connectivity	<i>Compumotor ActiveX Control</i>
<i>(*Note: The 3S OPC Server is NOT bundled with InteractX)</i>	PLmC	Ethernet connectivity	3S OPC Server Provided with PLmC
	Aries CE	Aries CE via Ethernet	Ethernet (ACREN)
<b>Partlow</b>	Partlow ASCII Serial	Partlow ASCII Devices	Partlow ASCII
<b>Philips</b>	Philips P8/PC20 Serial	PC20 (using the CI21 or VI21 card), MC30 (using the CI30 card), MC31, MC41, ISCOS 10, ISCOS 60, ISCOS 70	Philips Programmable Controller Communication Protocol (PCCOM)
<b>Siemens</b>	MPI Network	Siemens S7-300 and S7-400 devices via MPI PCAdapter: Siemens Part: 6ES7-972-OCA23-OXAO Version 5.1 Siemens Part: 6ES7-972-OCA22-OXAO Version 5.0	Multi Point Interface (MPI) via PC Adapter
	Ethernet to MPI	Ethernet to MPI serial connection using NETLink adapter from Systeme Helmholtz	Siemens Ethernet Driver.
	Siemens Ethernet	Siemens S7-300/400 PLCs via an Industrial Ethernet interface communication processor (CP) S7-200 via CP243 Module S7-300 via CP343 Module S7-400 via CP443 Module	S7 Messaging on Industrial Ethernet (ISO 8073 Class 0) over TCP/IP
	S5 - RK512	Any device that supports 3964 or 3964R protocol and uses the RK 512 computer link program.	3964R and 3964 (The 3964 variant is identical to 3964 except it does not use a Byte Check Character)
	S5 Programming Port	Siemens S5 - 90U, 95U, 100U – 100, 100U – 101, 100U – 103, 101U, 115U – 941, 115U – 942, 115U – 943, 115U – 944, 115U – 945, 135U – 921, 135U – 922, 135U – 928, 155U – 946, 155U - 947	AS511 Current Loop
<b>Siemens (Cont'd)</b>	S7-200 PPI	Siemens S7-200 devices	Point-to-Point (PPI) S7-200 Communications Protocol
	Simatic 505 Ethernet	TI Series 505 processors including 525, 545, 565	Simatic 505-CP2572 Ethernet module or the Control Technology Inc. 505-CP2572 card. User Datagram Protocol (UDP) or Transfer Control Protocol (TCP)
	Simatic 505 Serial	TI Series 500/505 processors - 520, 525, 535, 545, 555, 565, 575	Non-Intelligent Terminal Protocol

## InteractX 4.00 Driver Guide



			(NITP) Transparent Byte protocol (TB)
	TIWAY UNLINK (Serial)	TIWAY Secondary Devices via TIWAY 1 Host Adapter or TIWAY 1 UNILINK Host Adapter connection to TIWAY compatible PLCs	NITP protocol
<b>Sixnet</b>	Sixnet Ethertrak Ethernet	SIXNET EtherTRAK I/O modules (firmware version 2.10 or later), SIXNET RemoteTRAK I/O connected through an EtherTRAK I/O module. (Both the RemoteTRAK and EtherTRAK must have firmware version 2.01 or later.), SIXNET VersaTRAK RTUs (firmware version 2.12 or later), SIXNET SIXTRAK gateways (firmware version 2.12 or later)	Modbus Open Protocol over Ethernet using Winsoc V1.1 or higher.
<b>SoftPLC</b>	DF1 Serial	SoftPLC based Controllers.	<i>(Use Allen Bradley SLC5/PLC5 DF1 Serial Driver)</i>
	DF1 Ethernet	SoftPLC based Controllers.	<i>(Use Allen Bradley Ethernet Driver)</i>
<b>SquareD</b>	SY/MAX Serial	SY/MAX PLCs and PowerLogic power line monitors	SY/MAX Point-to- Point
<b>Telemecanique</b>	Uni-Telway Serial	TSX Controllers including the TSX Micro/Premium PLCs	Small and Large Frame Uni-Teleway
<b>Thermo Westronics</b>	Thermo Westronics Serial	Series 1200 Recorder, Series 1600 Recorder, Series 3000 Recorder, SM 100 Smart Multiplexer, SV 100, SV 180, SV 180 (2.0) - version 2.0A or later	Modbus RTU Serial
	Thermo Westronics Ethernet	SV 100, SV 180, SV 180 (2.0) - version 2.0A or later	Modbus TCP Ethernet
<b>Toshiba</b>	T Series Serial	EX100, EX200, T1, T1 Super, T2 PLCs, and T3 PLCs	Toshiba ASCII Computer Link Protocol
<b>Toyopuc</b>	Computer Link Serial	PC2 Series PLC or any Computer Link compatible device	Computer Link
	PC2 Ethernet	PC2 Series PLCs via EN-I/F Module	Computer Link
	PC2/PC3 Ethernet	PC2 and PC3 Series PLCs via EN-I/F Module	Computer Link
<b>WAGO</b>	Ethernet TCP/IP	Wago 750 Bus Couplers	Wago Specific Modbus Ethernet
<b>Yaskawa</b>	Memobus Plus	Yasakawa controllers via Memobus Plus using the Modicon SA85 Network card.	Memobus Plus
	MP Ethernet	MP 920 Series controllers using 2181F Ethernet communication modules	Ethernet TCP/IP
<b>Yaskawa (Cont'd)</b>	Memobus Plus	MP 900 Series controllers using serial Connection with native tag addressing	Modbus RTU
<b>Yokogawa</b>	Darwin Ethernet	DA100-1, DA100-2, DR131, DR231, DR232, DR241, DR242, DC100-1, DC100-2	Yokagawa Darwin Ethernet
	Darwin Serial	DA100-1, DA100-2, DR131, DR231, DR232, DR241, DR242, DC100-1, DC100-2	Yokogawa Darwin Serial

## InteractX 4.00 Driver Guide



<b>Yokogawa (Cont'd)</b>	DX Ethernet	Supported Yokogawa Devices: DX102, DX204, DX104, DX208, DX106, DX210, DX112, DX220, DX230, MV100, MV200,  DXAdvanced Models: DX1002, DX2004, DX1004, DX2008, DX1006, DX2010, DX1012, DX2020, DX2030, DX2040, DX2048	Yokogawa DX Ethernet TCP
	DX Serial	DX102, DX210, DX104, DX220, DX106, DX230, DX112, MV100, DX204, MV200, DX208	Yokogawa DX Serial
	DXP Ethernet	DXP100, DXP200	Yokogawa DXP Ethernet TCP