

INTERACT **press** Release 1.5 Driver Guide

Interact Xpress includes nearly 40 bundled communication drivers for major PLC and motion control manufacturers. The following drivers are an integrated part of the Interact Xpress COMM Server. The drivers are provided, at no additional cost, with each development and runtime system. One or more of the drivers listed below may be used in any application.

Manufacturer	Communication Type (Driver)	Control Devices Supported	Protocol
Allen-Bradley	Bulletin 900	Bulletin 900 family controllers including TC8, TC16 and TC32.	A-B Bulletin 900-TCx Protocol
	ControlLogix Ethernet/IP	CompactLogix 5300/5320/5330 with E suffix - Built in Ethernet/IP Port - Channel 0 via 1761-NET-ENI (Series B) ControlLogix 5550/5555/5563 processors 1756 ENET/ENBT FlexLogix 5400/5433/5434 1788-ENBT Ethernet Daughtercard - Channel 0 via 1761-NET-ENI (Series B) SoftLogix 5800 - Ethernet/IP Messaging Module Via 1761-NET-ENI to Channel 0: - Micrologix 1000/1200/1500 - SLC 5 Family - PLC-5 series (excluding the PLC5/250 series) - PLC-5/20C, PLC-5/40C, PLC-5/80C Via DH+ Gateway: - SLC 5 Family - PLC-5 series (excluding the PLC5/250 series) Via ControlNet Gateway: - PLC-5/20C, PLC-5/40C, PLC-5/80C	Ethernet / IP (CIP over Ethernet)
	SLC5/PLC5 Ethernet	SLC5/05 processor, PLC5 series excluding the PLC5/250 series	Allen-Bradley Ethernet
	SLC5/PLC5(DF1) Serial	Micrologix 1000/1200/1500 series, SLC500 series, PLC5 series excluding the PLC5/250 series	DF1 Full-Duplex (point-to-point communication) and Half-Duplex Master (multidrop communication, DF1 Polled-Mode)

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AutomationDirect	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
	EBC Device Driver	Terminator I/O, H2-EBC, H2-EBC-F, H4-EBC, H4-EBC-F, GS1, GS2, DURAPULSE (GS3) Drive	Ethernet Using Winsock Ver. 1.1 or higher.
Compumotor	Acroloop ACR9000	ACR9000 EtherNet/IP	Ethernet/ IP (ACRCIP)
	Acroloop General Serial	ACR9000 RS-232 Serial	User Config. Driver
	Compax3 Serial	RS-232 and RS-422 serial connectivity	User Config. Driver
	Gemini and Gemini6K	Serial and Ethernet connectivity	<i>User Config. Driver</i>
GE Fanuc	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
	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

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General	Simulator	Live data simulation including Boolean, ramp, wave, sine and string values	-
	User Configurable Driver	Serial and Ethernet devices	Master and unsolicited messaging for ASCII and Binary protocols. Ethernet Devices via Ethernet Serial Encapsulation
Mitsubishi	A and Q Series Ethernet	All A Series PLCs via AJ71E71 Module All Q Series PLCs via A1SJ71QE71 Module	Mitsubishi Ethernet
	A Series Serial	All A Series PLCs	Format 1 with Checksum Enabled

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<i>Mitsubishi continued.</i>	FX Net Serial	FX, FX2C, FX0N, FX2N	Format 1, Checksum
	FX Series Serial	FX, FX0, FX0N, FX2N	Direct Serial
Modicon	Modbus Ethernet	Modbus Ethernet compatible devices, both Master and Slave.	Modbus Master and Slave (Mailbox)
	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
Omron	Fins Ethernet	C200H/C200HE/C200HE-Z/C200HG/C200HG-Z/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/C200HG-Z/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
	Process Suite	E5AX-A, E5AX-AH, E5AX-DAA, E5AX-PRR, E5AX-VAA, E5AF-A, E5AF-AH, E5AJ-A, E5EJ-A, E5CN, E5GN, E5GN	Omron Sysway
Siemens	MPI Network	Siemens S7-300 and S7-400 devices via MPI PC Adapter: 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 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
	S7-200 PPI	Siemens S7-200 devices	Point-to-Point (PPI) S7-200 Communications Protocol

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<i>Siemens continued.</i>	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 (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
Sixnet	EtherTrak	SIXNET EtherTRAK I/O, SIXNET RemoteTRAK I/O, SIXNET VersaTRAK RTUs, SIXNET SIXTRAK gateways	Modbus Open Protocol over Ethernet using Winsock V1.1 or higher.
SquareD	SY/MAX Serial	SY/MAX PLCs and PowerLogic power line monitors	SY/MAX Point-to-Point
Telemecanique	Uni-Telway Serial	TSX Controllers including the TSX Micor/Permium PLCs	Small and Large Frame Uni-Teleway