



VTS / VTScada Driver Library (Updated January 18th, 2012)

Contact us if you don't see the driver you are looking. We can create new drivers to suit virtually any need you may have. **

OPC Support: In addition to the drivers below, VTS & VTScada support hundreds of OPC servers provided by 3rd-party manufacturers such as *Matricon* (www.matricon.com) and *Kepware* (www.kepware.com). Drivers not included below may be available from one of these providers.

Our device drivers fall into one of three categories:

- Level 1** Maintained and tested by Trihedral. Integrated with Visual Tag System and ships with all systems.
- Level 2** Tested by Trihedral. Supported by VTS at time of testing. Available from Trihedral as a plug-in module.
- Level 3** Script-only driver. Integration with Visual Tag System Driver Template required.

Company	Devices	Medium	Protocol	Additional Components	1	2	3
Allen-Bradley	Ethernet Direct				X		
	PLC-2	Serial	DF1	Allen-Bradley Serial Interface Module	X		
	PLC-3	DH+	DF1	Woodhead 5136-SD (ISA or PCI)	X		
		Serial	DF1		X		
	PLC-5	Serial	DF1		X		
		DH+	DF1	Woodhead 5136-SD (ISA or PCI)	X		
		Ethernet	DF1	PLC-5E only	X		
	SLC500 (all processors)	Serial	DF1		X		
		DH+	DF1	Woodhead 5136-SD (ISA or PCI)	X		
		Ethernet	DF1		X		
	Micrologix	Serial	DF1		X		
		RS-485/RS-232 Serial	Modbus RTU		X		
		Ethernet	DF1, CIP		X		
	Compact Logix	Serial	DF1		X		
		Ethernet	DF1, CIP		X		
Control Logix	Serial	DF1		X			
	Ethernet	DF1, CIP		X			
Aquatrol	1300 RTU	Serial	Aquatrol	Special communication hardware		X	
	1500 RTU	Serial	Aquatrol			X	
Bailey	Network 90 DCS	Serial	Bailey	Bailey CIU			X
Bristol Babcock	33xx family and ControlWave	Serial	BSAP			X	
		Ethernet	IBP			X	
Campbell Scientific	10X Data Logger	Serial	Array Based			X	
	510 Data Logger	Serial	Array Based			X	
	Table-based Logger	Serial				X	
Control Microsystems	Telesafe Micro 16 RTU	Serial	Modbus RTU, Modbus ASCII, DF1, DNP	DF1 & DNP are Telesafe options	X		
	SCADAPack RTU Family	Serial/Ethernet	Modbus RTU, Modbus ASCII, Modbus TCP/IP & UDP/IP, Open Modbus TCP, DNP3 Datalogging and Store & Forward Supported		X		

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DAQ		Serial	DNP 3.0		X		
Data Flow Systems	RTU	Serial, Ethernet (TCP /IP& UDP/IP)	Data Flow Systems	Includes TACII, HyperTAC, HyperServer Database Conversions	X		
DDE (Dynamic Data Exchange)	DDE Compliant Devices		DDE Client	DDE Server	X		
Dexter Fortson	DFA A-RTU	Serial, Ethernet	Openlink			X	
Digital Control Company (DCC)	DCC Pump Controllers	Serial (RS232)	Modbus ASCII		X		
DNP 3.0	DNP 3.0 Compliant Devices	Serial, Ethernet	DNP 3.0		X		
Federal Pioneer	DSM-2P Power Meters	Serial	Federal Pioneer				X
Foxboro	731C Loop Controller	Serial	Foxboro			X	
	743C Loop Controller	Serial	Foxboro			X	
	761C Loop Controller	Serial	Foxboro			X	
	C50 RTU	Serial	DNP 3.0		X		
General Electric	Series 1 PLC	Serial	General Electric				X
	Series 5 PLC	Serial	General Electric				X
	Series 6 PLC	Serial	General Electric				X
	Series 90 PLC	Serial	SNP, SNPX				X
	Series 90 PLC	Ethernet	SRTP				X
Granville Phillips	307 Vacuum Controller	Serial	Granville Phillips			X	
Hewlett-Packard	HP48000 RTU	Serial	Subset, HEX-ASCII			X	
IDEC	Micro CP12	Serial	IDEC			X	
	Micro CP13	Serial	IDEC			X	
	Micro FA2	Serial	IDEC			X	
	Micro FA3	Serial	IDEC			X	
IEC	IEC 60870 Compliant Devices	Serial, Ethernet	IEC 60870-5-101			X	
Koyo	DL Family of PLCs (205, 305, 405)	Serial	Direct Net				X
Landis & Gyr	Telegyr 8979	Serial	Landis & Gyr			X	
Lantronix	UDS-10, UDS-100 Serial to Ethernet Converters	Serial/Ethernet	N/A			X	
Mitsubishi	A Series	Serial	Mitsubishi			X	
Modbus	Modbus Compliant Devices	Serial, Ethernet, TCP, Ethernet UDP, Modbus Plus	Modbus ASCII, Modbus TCP/IP, Modbus UDP/IP, Open Modbus TCP, Modbus PLUS, Modbus RTU	Modbus PLUS requires additional hardware	X		
Modicon	Premium, Quantum, Momentum, Compact, Ultra-Compact, TSX Micro	Serial, Ethernet, TCP, Ethernet UDP, Modbus Plus	Modbus ASCII, Modbus TCP/IP, Modbus UDP/IP, Open Modbus TCP, Modbus PLUS, Modbus RTU	Modbus PLUS requires additional hardware	X		
Moore	APACS ACM 040-4M	Moore	Moore	Requires Moore interface card for PC			X
Motorola	Moscad	Serial, Ethernet	DDE, Modbus		X		
	Moscad RTU's	Ethernet	Motorola Moscad API	MDLC IP Gateway		X	
OSI Soft	PI Database (Read Only)	API	API	Requires PI Client Software		X	

Company	Devices	Medium	Protocol	Additional Components	1	2	3	
Omron	C-series Programmable Controllers	Serial	Hostlink		X			
	CS Series PLCs	Serial	Hostlink			X		
	CJ Series PLCs	Serial	Hostlink			X		
	CS and CJ PLCs	Serial and Ethernet	FINS			X		
OPC (OLE for Process Control)	OPC Servers for various Products	Serial, Ethernet	OPC Client		X			
Opto 22	Optomux	Serial	Optomux			X		
Power Measurement Ltd	ION Series Meters	Serial, Ethernet	Modbus, DNP 3.0		X			
Powers Process Controllers	330, 350, 512, 535, 545	Serial	Powers				X	
Quindar	SCADA Master	Serial, Ethernet (TCP/IP & DECNet)	QNet			X		
Schlumberger	Q1000 meter	Serial	DNP 3.0		X			
Siemens	S5 Series PLC						X	
	SIMATIC TI 305, 405, 505 Series PLCs	Serial	Direct Net				X	
	S7-200 Series PLC	Ethernet	OP/PG	Requires Siemens Ethernet Communications Processor	X			
		OPC over Serial, OPC over Ethernet	OPC Client	Requires OPC Server	X			
	S7-300 Series PLC	Ethernet	OP/PG	May Require Siemens Ethernet Communications Processor	X			
		OPC over Serial, OPC over Ethernet	OPC Client	Requires OPC Server	X			
	S7-400 Series PLC	Ethernet	OP/PG	Requires Siemens Ethernet Communications Processor	X			
		OPC over Serial, OPC over Ethernet	OPC Client	Requires OPC Server	X			
Sierra Misco	see Stevens Water							
Sixnet	Micro-Versa TRAC	Ethernet	Modbus, TCP/IP		X			
	Sixnet SixTRAC	Serial	Modbus, RTU/ASCII		X			
Simple Network Management Protocol (SNMP)	Standardized protocol available from thousands of devices.	Ethernet	SNMP		X			
Square D	Sy/Max PLCs	Serial	Square D			X		
Stevens Water	SM0850	Serial	Stevens			X		
Surflin	9009, 9015 Series	Serial	Surflin	Requires Surflin CP Module		X		
Texas Instruments	TI 305, 405, 505 Series PLCs	Serial	Direct Net			X		
Toshiba	T2, T2E PLCs	Serial	Toshiba			X		
Zetron	1708, 1716, 1730, 1732	Serial	Modbus	Requires Modbus Chip	X			

**** Note:**

- Some of the drivers above are not included in the base price of VTS / VTScada software licenses.
- Some drivers above require integration and are not available 'out-of-the-box' with VTS / VTScada software licenses.
- Prices for new driver development are determined on a case-by-case basis.
- Contact Trihedral for details or visit www.trihedral.com.



Further Information

For more information on Trihedral's products and services:

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