

PLC and Bus drivers

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R	On request
-	Included in delivery

The internal-, simulator-, system- and mathematics-driver are included in the delivery of the zenon development environment and zenon Runtime.

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
3S	Codesys SoftPLC driver	ZT-3S32	A	Codesys Soft PLC driver for the standard Codesys RT interface (Coedsys Gateway Server)	Codesys Soft PLC and Elau Max 4	Ethernet, Local	3S-Gateway	●	●
3S	Codesys Arti SoftPLC driver	ZT-3S32_ARTI	A	Replaced Codesys Soft PLC driver for the Codesys 3S-ARTI interface. The driver was replaced by the Codesys Arti NG Treiber driver.	Codesys Soft PLCs, Moeller XControl PLCs XC200 and XC600, and Elau PacDrive Controller MAX 4, C200, C400, C600, P600.	Ethernet, Local	3S-Arti	●	●
3S	Codesys Arti NG SoftPLC driver	ZT-3S_ARTI_NG	A	Codesys Soft PLC driver "New Generation" for the Codesys 3S-ARTI (Asynchron Runtime Interface) interface. The driver supports direct variable import from the Codesys development environment and replaces the Codesys Arti Soft PLC driver.	Codesys Soft PLCs, Moeller XControl PLCs XC200 and XC600, and Elau PacDrive Controller MAX 4, C200, C400, C600, P600.	Ethernet, Local	3S-Arti	●	●
ABB	ARCNET - Driver for ABB	ZT-ARCNETNT	A	Arcnet driver for ABB PLCs based on Arcnet Interface Card from So Hard	ABB PLC of the series 07KTxx with Arcnet connection	Coaxialcable RG62/U	Arcnet	●	●
ABB	Driver for ABB 07KT94	ZT-CS3132	A	serial driver for ABB 07KT94 PLCs	ABB 07KT94	Serial	unknown	●	●
ABB	IEC 61400-25-4 Annex C	ZT-IEC61400-25-4-C	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61400-25-4 Annex C compatible Server	Ethernet	IEC 61850	●	
ABB	IEC 61850 driver	ZT-IEC61850	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61850 compatible PLCs	Ethernet	IEC 61850	●	
ABB	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium,M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	
ABB	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(serial)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	●

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
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ABB	PDNet PCI - driver	ZT-PADNETPCI	A	PDNet from the company Apex (www.apex.de), PDnet stands for Process Data Transport Net and in the lower communication levels is based on Arcnet.	Schneider Modicon PLCs: TSX Compact A120, TSX Compact Micro, TSX A250, A350, A500, TSX Quantum. ABB Protronic PLCs: T200, CS31, AC31. Siemens PLCs: S5-115U, S5-135U, S5-155U, S7-300, S7-400	Bussystem, Coaxialcable RG62/U	PDNet	●	●
AEG	VMEBUS driver	ZT-AGVME	A	VME bus driver for LogidynD1 and LogidynD2 systems. Is developed by Alstom Berlin.	LogidynD1 and LogidynD2	Unknown	unknown	●	●
Allen-Bradley	Allen Bradley RS-Linx driver	ZT-ALLENBNT	A	Supports all connections which are available with RS Linx (http://www.software.rockwell.com)	Allen Bradley PLC types: PLC2, PLC3, PLC5, PLC5250, SLC500;	Serial, Bussystem, Ethernet	DataHighway Plus, DeviceNet, DataHighway, DF1, TCP/IP, ControlNet	●	●
Allen-Bradley	Allen Bradley DF1 driver	ZT-ALLEDF1	A	For all Allen Bradley PLCs supporting DF1. The driver works half duplex	All Allen Bradley PLCs with DF1 interface	Serial	DF1	●	●
Allen-Bradley	Allen-Bradley ODVA driver	ZT-LOGIX_ODVA	C	Ethernet/IP driver for communication via Common Industrial Protocol - CIP from Open DeviceNet Vendor Organisation (ODVA) with Allen-Bradley Logix PLCs. The driver supports direct browsing of variables from the PLC, offline browsing from projectfile (*.L5K) and blockread/write for all datatypes including structures and arrays. Wwww.ab.com	Allen-Bradley ControlLogix, CompactLogix and MicroLogix PLCs	Ethernet	EtherNet/IP, Common Industrial Protocol	●	●
Alstom	VMEBUS driver	ZT-AGVME	A	VME bus driver for LogidynD1 and LogidynD2 systems. Is developed by Alstom Berlin.	LogidynD1 and LogidynD2	Unknown	unknown	●	
Alstom	IEC 60870-5-101_104 driver	ZT-IEC870	C	Driver for the IEC 60870-5-101 (serial) and the IEC 60870-5-104 (TCP/IP) protocol; a Master (controlling station)	PLCs supporting the IEC 60870-5-101 or the IEC 60870-5-104 protocol.	Serial, Ethernet	IEC 60870-5-104, IEC 60870-5-101	●	
Apex	PDNet PCI - driver	ZT-PADNETPCI	A	PDNet from the company Apex (www.apex.de), PDnet stands for Process Data Transport Net and in the lower communication levels is based on Arcnet.	Schneider Modicon PLCs: TSX Compact A120, TSX Compact Micro, TSX A250, A350, A500, TSX Quantum. ABB Protronic PLCs: T200, CS31, AC31. Siemens PLCs: S5-115U, S5-135U, S5-155U, S7-300, S7-400	Bussystem, Coaxialcable RG62/U	PDNet	●	●
Applicom	Applicom driver	ZT-APPL	B	Driver for all Applicom interface cards, which support MPI or Modbus Plus. (http://www.applicom-int.com)	All PLCs, which support MPI resp. Modbus Plus	Bussystem	MPI, Modbus Plus	●	●
Archive	Archive driver (RAW format)	ZT-ARCHDRV	A	Writes data cyclically to the harddisk in RAW format. (Only values, no timestamps, no status information). The data have to be opened / further processed with external tools. (Tools only as examples available from COPA-DATA)	-	Unknown	unknown	●	
Arcnet	ARCNET - Driver for ABB	ZT-ARCNETNT	A	Arcnet driver for ABB PLCs based on Arcnet Interface Card from So Hard	ABB PLC of the series 07KTxx with Arcnet connection	Coaxialcable RG62/U	Arcnet	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
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Areva	IEC 60870-5-101_104 driver	ZT-IEC870	C	Driver for the IEC 60870-5-101 (serial) and the IEC 60870-5-104 (TCP/IP) protocol; a Master (controlling station)	PLCs supporting the IEC 60870-5-101 or the IEC 60870-5-104 protocol.	Serial, Ethernet	IEC 60870-5-104, IEC 60870-5-101	●	
Areva	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.areva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium, M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	
Areva	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII (seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	
Asfinag	SaNORS - Asfinag SOS-telephones	ZT-SANORS	R	SaNORS (Standard asfinag emergency call interface) - driver for the Asfinag SOS-telephones (www.asfinag.net)	SaNORS compatible Asfinag SOS-telephones	Ethernet	SaNORS	●	●
Bachmann	Bachmann M1 driver	ZT-BACH	A	Direct TCP/IP driver for Bachmann M1 PLCs (www.bachmann.at)	MP 2xx/E, ME 203/E, ME 203/EN	Ethernet	unknown	●	●
BACnet	Bacnet and DDC4000 driver	ZT-BACNET	C	Replaced BACnet driver. The driver has been replaced by the BACnet NG driver. ASHRAE compliant BACnet driver for "BACnet/IP, Annex J". The driver supports spontaneous data traffic. www.bacnet.org	All Bacnet "BACnet/IP, Annex J" compliant PLCs; Kieback + Peter DDC4000 PLCs	Ethernet	BACnet/IP	●	
BACnet	BACnet driver Next Generation	ZT-BACNETNG	C	This driver communicates to one or more BACnet devices (BACnet-Automation stations) using BACnet/IP protocol. The connected BACnet devices have to be operated as BACnet servers. The driver implements only client functionalities.	All PLCs with BACnet/IP support.	Ethernet	BACnet/IP	●	
BCI	Drv for BCI hand-held scanner	ZT-BCI	A	For serial hand-held scanner (http://www.bci-gmbh.de)	BCI hand-held scanner	Serial	unknown	●	
Beckhoff	Beckhoff TwinCat ADS driver	ZT-BECKH32	A	Replaced driver based on the Beckhoff ADS interface (www.beckhoff.com) The driver has been replaced by the Beckhoff NG driver. A conversion wizard is available.	TwinCat SoftPLC	Ethernet, Local	ADS	●	
Beckhoff	Beckhoff BC-BK 9000	ZT-BECKH9000	A	Driver for Beckhoff BC/BK9000. The driver is based on the TC-ADS interface and uses a protocol optimized for the bus clamps.	Beckhoff BC/BK 9000 bus clamps	Ethernet	TC-ADS	●	

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Beckhoff	Beckhoff TwinCAT NG driver	ZT-BeckhNG	A	Beckhoff TwinCAT driver "New generation" for TwinCAT Soft PLC 2.60 and higher. The driver is based on the TC-ADS interface. The driver replaces the Beckhoff TC-ADS and the Beckhoff ADS driver. A conversion wizard is available. The TC-ADS software has to be installed.	TwinCat Soft PLC 2.60 and higher-also for TwinCat v3	Serial, Ethernet, Local	TC-ADS	●	
Beckhoff	Beckhoff TwinCAT TC-ADS driver	ZT-BECKHTC32	A	Replaced driver based on the Beckhoff TC-ADS interface. (www.beckhoff.com) The driver has been replaced by the Beckhoff NG driver. A conversion wizard is available. The TC-ADS software has to be installed.	TwinCat SoftPLC	Serial, Ethernet, Local	TC-ADS	●	●
Berg	Energy analysis device UPM 3000	ZT-UPM32	A	Driver for the energy analysis device UPM 3000 from Berg.	UPM 3000	Unknown	unknown	●	●
Bernecker + Rainer	BR TCP-IP driver	ZT-BURTCP	C	Driver for B+R Burklimat or B+R System 2000 PLCs. Needs no PVI software but a special handling-modul in the PLC witch can only orderd from B+R . (www.br-automation.com)	B+R System 2000 and B+R Burklimat	Ethernet	B+R TCP	●	●
Bernecker + Rainer	BR-PVI based driver (replaced)	ZT-BUR20032	A	The driver has been replaced by the BR-PVI NG driver. The driver is based on PVI interface from Bernecker and Rainer. The variables can be online imported. Communication parameters for all variables are stored in a configuration file. The driver supports spontaneous data exchange and hysteresis. (www.br-automation.com)	All Bernecker and Rainer PLCs which can use the PVI communication like System 2000 family (2003, 2005 etc), Acopos, X20 System, AutomationPC, PowerPanel and others.	Serial, Ethernet, CAN Bus Adapter	PVI	●	
Bernecker + Rainer	BR Transponder Reader 4102/4150	ZT-BuR41xx32	C	Driver for Bernecker and Rainer RFID Transponder Reader 4102/4150 (BuR Modell number: 5E9000.29) with USB interface.	BuR RFID Transponder Reader 4102/4150 (BR modell number: 5E9000.29)	USB	unknown	●	
Bernecker + Rainer	BR-PVI based driver	ZT-BURPVI	A	Up to date Bernecker and Rainer driver based on PVI interface from Bernecker and Rainer. The variables can either be imported online from the PLC or offline form the B&R OPC interface. Communication parameters are stored at each variable. The driver supports spontaneous data exchange and hysteresis. (www.br-automation.com)	All Bernecker and Rainer PLCs which can use the PVI communication like System 2000 family (2003, 2005 etc), Acopos, X20 System, AutomationPC, PowerPanel and others.	Serial, Ethernet	PVI	●	●
Bernecker + Rainer	Mininet-Master driver	ZT-MINI32	A	Mininet Master driver for B+R PLCs (www.br-automation.com)	B+R Minicontrol and B+R System 2000	Serial	Mininet	●	●
Biffi-Tyco Flow Control	Biffi DCM	ZT-BIFFIDCM	B	Driver for communication with a redundant Biffi DCM Master station. (www.biffi.it)	Biffi DCM Master Station (redundant)	Ethernet	Biffi DCM SCADA (TCP/IP)	●	●
Brodersen	Passive Modbus RTU driver	ZT-MODLISTEN	R	The driver waits on a TCP/IP port, until the Brodersen Gateway establishes a GPRS connection. Then it communicates via Modbus RTU. (www.brodersencontrols.com)	Any Modbus PLCs that can be connected via the Brodersen UCM-97 GPRS-Gateway.	Ethernet	Modbus RTU over TCP	●	
Brodersen	straton driver	ZT-STRATON	-	Driver for straton connection.	straton	Ethernet, Local	TCP/IP	●	
Brodersen	straton NG driver	ZT-StratonNG	A	Driver for communication with straton PLCs. Replaces straton 32 driver. The driver can use several connections at the same time and uses an improved communication concept.	PLCs based on the straton VMTK.	Ethernet	TCP/IP	●	
Brodersen	System 2000 driver	ZT-SYS2000	A	Driver for Brodersen RTUs (www.brodersencontrols.com)	Brodersen RTUs	Serial, Bitbus	unknown	●	●

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
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Brodersen	System 2000 driver with logging	ZT-SYSLOG	B	Driver for Brodersen RTUs with logging mechanisms. Supports the functionality of reading historical (logged) data. (www.brodersencontrols.com)	Brodersen RTUs	Serial, Bitbus	unknown	●	●
Buderus	Buderus32 driver	ZT-BUDERUS	A	The driver communicates via the module KM471 with connected ECOCAN-BUS modules. (http://www.heiztechnik.buderus.de)	Modul KM471	Serial	3964R/RK512	●	●
Copalp	straton driver	ZT-STRATON	-	Driver for straton connection.	straton	Ethernet, Local	TCP/IP		●
Copalp	straton NG driver	ZT-StratonNG	A	Driver for communication with straton PLCs. Replaces straton 32 driver. The driver can use several connections at the same time and uses an improved communication concept.	PLCs based on the straton VMTK.	Ethernet	TCP/IP		●
Costronic	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium, M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	
CTI	CTI driver	ZT-CTI	B	Driver for CTI PLCs., Texas Instruments TI 505 PLCs or Simatic 545/555 PLCs. The driver support the protocols CAMP and NITP with Packed Task Codes.	CTI PLCs, Ti505, Simatic 545, Simatic 555	Ethernet	NITP, CAMP	●	
CTI	TI 505 - 545 driver	ZT-TI500	A	Driver for Texas Instruments TI 505 / 545. Protocols: TBP, NITP, TCP/IP	TI 505 and 545	Serial, Ethernet	TCP/IP, TBP, NITP	●	
Danfoss	Danfoss driver	ZT-DAN	A	Driver for the Danfoss control devices via AKC OLE interface. (www.danfoss.com)	Danfoss AKC control device	Serial	3964R/RK512	●	●
DataTaker	DataTaker driver	ZT-DATATAKE	A	Connection to the DataTaker data recording and logging systems (www.datataker.com)	All DataTaker models	Serial	unknown	●	●
Dateien	File driver	ZT-DATEI32	A	Data exchange with external programs on file basis. Values are read from a file and displayed resp. archived in zenon. Values can also be written into a file by zenon.	-	Local	unknown	●	●
Dateien	DDE Client driver	-	-	Driver for the data exchange with applications supporting DDE. Also supports NET DDE.	All Applications supporting DDE.	Ethernet, Local	DDE	●	●
Datenbanken	Archive driver (RAW format)	ZT-ARCHDRV	A	Writes data cyclically to the harddisk in RAW format. (Only values, no timestamps, no status information). The data have to be opened / further processed with external tools. (Tools only as examples available from COPA-DATA)	-	Unknown	unknown	●	●
Datenbanken	File driver	ZT-DATEI32	A	Data exchange with external programs on file basis. Values are read from a file and displayed resp. archived in zenon. Values can also be written into a file by zenon.	-	Local	unknown	●	●

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Datenbanken	DDE Client driver	-	-	Driver for the data exchange with applications supporting DDE. Also supports NET DDE.	All Applications supporting DDE.	Ethernet, Local	DDE	●	●
Datenbanken	SQL Driver	ZT-SQLDRV	A	The driver is used for the bidirectional data exchange with a SQL database supporting ODBC.	SQL database supporting ODBC	Ethernet, Local	SQL	●	●
DDE	DDE Client driver	-	-	Driver for the data exchange with applications supporting DDE. Also supports NET DDE.	All Applications supporting DDE.	Ethernet, Local	DDE	●	
Dimmerbus	DMX 512 driver	ZT-DIMM	A	For DMX512 Dimmerbus protocol from U.S. Institute of Theatre Technology (USITT)	-	Bussystem	Dimmerbus	●	●
DNP3	DNP3 driver	ZT-DNP3	C	Connection to DNP3 compatible PLCs	All DNP3 compatible PLCs	Serial, Ethernet	DNP3, GE Harris(DNP3)	●	●
Echelon	i-LON 100 driver	ZT-LON100	C	Driver for the communication with LON nodes via iLon100 router from Echelon. (www.echelon.com)	LON nodes	Ethernet	Lon Bus	●	●
Echelon	LON driver	ZT-LON32	C	Driver for the communication with LON nodes.	LON nodes	Ethernet, PC Slot Card	Lon Bus	●	
EIB	European Installation Bus	ZT-EIBV2_32	C	Driver for the communication with the European Installation Bus (EIB / KNX). In the Runtime the driver needs the Falcon Runtime.	EIB/KNX capable stations	Serial, Ethernet	EIB Bus	●	
Elau	Codesys SoftPLC driver	ZT-3S32	A	Codesys Soft PLC driver for the standard Codesys RT interface (Coedsys Gateway Server)	Codesys Soft PLC and Elau Max 4	Ethernet, Local	3S-Gateway	●	●
Elau	Codesys Arti SoftPLC driver	ZT-3S32_ARTI	A	Replaced Codesys Soft PLC driver for the Codesys 3S-ARTI interface. The driver was replaced by the Codesys Arti NG Treiber driver.	Codesys Soft PLCs, Moeller XControl PLCs XC200 and XC600, and Elau PacDrive Controller MAX 4, C200, C400, C600, P600.	Ethernet, Local	3S-Arti	●	
Elau	Codesys Arti NG SoftPLC driver	ZT-3S_ARTI_NG	A	Codesys Soft PLC driver "New Generation" for the Codesys 3S-ARTI (Asynchron Runtime Interface) interface. The driver supports direct variable import from the Codesys development environment and replaces the Codesys Arti Soft PLC driver.	Codesys Soft PLCs, Moeller XControl PLCs XC200 and XC600, and Elau PacDrive Controller MAX 4, C200, C400, C600, P600.	Ethernet, Local	3S-Arti	●	
Elin	Eldatic driver	ZT-ELIN	A	For point-to-point communication or automatic calling modem connection.	Eldatic, OC, POC resp. ELFE systems	Serial	unknown	●	
Elrest	Elrest CAN Network driver	ZT-ELREST32	A	The ELREST32 Network driver is used for the data connection to an Elrest net system via a CAN/MPC or RS232 interface.	CAN_M167, CAN_M515, CAN_M960, CAN_C515, GRAPHDEV.	PC Slot Card	unknown	●	
ESA	Driver for ESA PCI CIB	ZT-ESA32	A	Driver for ESA Windows CE terminal including ESA PCI CIB communication card for Windows CE for the communication with PLCs supporting MPI.	Siemens S7-PLCs or compatible PLCs (e.g. Vipa) with S7 functions via MPI.	Local	MPI	●	
Esser	Driver for Esser BMZ 8000	ZT-ESSER32	B	Driver for fire alarm system Esser BMZ 8000. The driver only supports reading access. (http://www.igs-hagen.de/brandzentralen.htm)	Esser BMZ 8000	Serial	Protokoll1, Protokoll2	●	
Euchner	Ident System driver	ZT-EUCH	C	Driver for Euchner chip card ident system (www.euchner.de)	Euchner Identsystem C1S3(A)	Serial	unknown	●	●
Festo	Festo EasyIP Multiprog driver	ZT-FEASYIP	A	EasyIP driver for Festo IPC/FEC, Multiprog programming. (www.festo.com)	FPC 101, Festo EasyIP	Ethernet	FST-Programmierung	●	●
Festo	Festo Serial-CI driver, FST	ZT-FEFRFC	A	Serial/CI driver for Festo FPC/IPC/FEC, FST programming. Uses testing system of the FST kernel. (www.festo.com)	Supports series FEC, IPC and FPCxxx, no additional components	Serial	FST-Programmierung	●	

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Gantner	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	
GE Fanuc	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium,M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	
GE Fanuc	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	
GE Harris	DNP3 driver	ZT-DNP3	C	Connection to DNP3 compatible PLCs	All DNP3 compatible PLCs	Serial, Ethernet	DNP3, GE Harris(DNP3)	●	
GE Multilin	IEC 61400-25-4 Annex C	ZT-IEC61400-25-4-C	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61400-25-4 Annex C compatible Server	Ethernet	IEC 61850	●	
GE Multilin	IEC 61850 driver	ZT-IEC61850	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61850 compatible PLCs	Ethernet	IEC 61850	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
GE Multilin	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium,M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	
GE Multilin	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial		●
Hekatron	Hekatron driver	ZT-HEKA32	A	Driver for fire alarm systems from Hekatron (www.hekatron.de).	Hekatron BMZ 340 fire alarm system	Serial	unknown		●
Helmholz	3964R-RK512 driver	ZT-3964R32	A	Driver for 3964R/RK512	All PLCs supporting 3963R/RK512; e.g. Siemens S5/S7 with according CP or CPU; Schleicher P03 via RK512. With Helmholz Adapter communication with all PLCs with MPI support possible.	Serial	3964R/RK512		●
Helmholz	Hilscher MPI driver	ZT-OPENMPI	A	Driver for Hilscher Netlink Adapter (MPI -> TCP/IP) or Hilscher CIF-PB cards. The Netlink Adapter is also available identical in construction from IBH and Helmholz. (http://www.hilscher.com)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface. The PLC must be MPI Master.	Ethernet, PC Slot Card	MPI		●
Helmholz	HMI adapter driver	ZT-S7HMI	A	Driver for the MPI->HMI adapter from Siemens or Helmholz	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with S7 functions via MPI.	Serial	MPI	●	●
Helmholz	PC Adapter - Vipa Green Cable	ZT-S7PCADAPTER	A	For the serial communication via the Siemens PC adapter / Helmholz PC adapter to Siemens and Vipa PLCs with MPI interface. Alternativ: Serial communication to Vipa PLCs via the Vipa Green Cable to the Vipa PD interface.	Siemens S7 300/400 CPUs, all VIPA CPUs	Serial	Siemens PC-Protocol	●	●
Hilscher	Hilscher CIF driver	ZT-CIF32	A	Generic CIF driver for Interbus and Profibus DP cards from Hilscher (www.hilscher.com). The driver can be configured as master or as slave and communicates with the bus participants on the data level without protocol.	All Profibus DP resp. Interbus bus participants.	Bussystem	Profibus DP, Interbus	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Hilscher	Hilscher MPI driver	ZT-OPENMPI	A	Driver for Hilscher Netlink Adapter (MPI -> TCP/IP) or Hilscher CIF-PB cards. The Netlink Adapter is also available identical in construction from IBH and Helmholz. (http://www.hilscher.com)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface. The PLC must be MPI Master.	Ethernet, PC Slot Card	MPI	●	
Hitachi	Hitachi driver	ZT-HITA	A	COMM-H driver (www.hitachi.com)	All H-series processors are supported.	Serial	COM-H	●	
Hydrometer	Hydrometer Driver	ZT-Hydrometer	B	The Hydrometer driver connects to IZAR Center (made by Hydrometer GmbH). The IZAR Center connects either M-Bus devices or Hydrometer radio receivers. The radio receivers (M-Bus Receiver 868) are reading remote devices in ist range. (www.hydrometer.de)	Hydrometer-IZAR Center	Serial, Ethernet	M-Bus	●	
IBH	Hilscher MPI driver	ZT-OPENMPI	A	Driver for Hilscher Netlink Adapter (MPI -> TCP/IP) or Hilscher CIF-PB cards. The Netlink Adapter is also available identical in construction from IBH and Helmholz. (http://www.hilscher.com)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface. The PLC must be MPI Master.	Ethernet, PC Slot Card	MPI	●	
IBH	Driver for IBH Soft PLC	ZT-IBHRTSPS	A	The driver supports the Siemens S5 and S7 compatible Soft PLC from IBH (www.IBHsoftec.de)	IBH Soft PLC S5 and S7	Local	unknown	●	
ICE	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com , www.gedigitalenergy.com , www.groupeice.com , www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium,M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	
Idec	Idec driver	ZT-IDEC	A	Driver for Idec MicroSmart, OpneNet Controller and FC4A-HPC1. (www.idec.com)	Idec MicroSmart, Idec OpenNet Controller, Idec FC4A -HPC1	Serial	Idec Communication Protocol	●	●
IEC	IEC 61499 driver	ZT-IEC61499	C	The driver uses a communication protocol (SSCP) developed by COPA-DATA. The protocol is used for a spontaneous communication via TCP/IP to IEC 61499 controls. The protocol specification disclosed in the driver documentation and can be implemented easily for each control.	IEC 61499 compatible PLCs	Ethernet	SSCP	●	●
IEC	IEC-62056-21 Driver	ZT-IEC62056	B	Driver for read out of values from energy meters. The driver uses protocol A of IEC 62056-21 specification. The driver supports read only communication.	IEC 62056-21 or IEC 61107 compatible enrgy meter	Serial, Ethernet	IEC 62056-21, IEC 61107	●	●

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
IEC	IEC 61400-25-4 Annex C	ZT-IEC61400-25-4-C	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61400-25-4 Annex C compatible Server	Ethernet	IEC 61850	●	●
IEC	IEC 61850 driver	ZT-IEC61850	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61850 compatible PLCs	Ethernet	IEC 61850	●	●
IEC	IEC 60870-5-101_104 driver	ZT-IEC870	C	Driver for the IEC 60870-5-101 (serial) and the IEC 60870-5-104 (TCP/IP) protocol; a Master (controlling station)	PLCs supporting the IEC 60870-5-101 or the IEC 60870-5-104 protocol.	Serial, Ethernet	IEC 60870-5-104, IEC 60870-5-101	●	
IEC	IEC 60870 - 5 - 103 Driver	ZT-IEC870-103	B	Treiber für IEC60870 -5- 103 communication	IEC60870-5-103 compatible controls	Serial, Bussystem, Ethernet	IEC 60870-5-103	●	●
Inat	S5 H1 driver	ZT-S5H1NT	B	H1 protocol driver for Siemens S5. H1 resp. "Industrial Ethernet" is the protocol name for the cellular network, which is based on the 7-layer-model of the ISO/OSI standard. (www.vipa.de, www.siemens.de, www.inat.de). At PC you need the PC H1 Driver from INAT.	Siemens S5	Ethernet	H1	●	
Inat	S5 TCP-IP driver	ZT-S5TCP32	B	Driver for the S5 TCP/IP communication. The driver supports polling (SEND/RECEIVE) and spontaneous communication (FETCH/WRITE). (www.vipa.de, www.siemens.de, www.inat.de, www.process-informatik.de)	Siemens S5, Siemens S7 (only with VIPA CP443), Vipa System 300	Ethernet	TCP/IP	●	
Inat	S7 driver Softnet based	ZT-S7NT	B	Driver for S7 PLCs via MPI / H1 / Profibus DP / TCP/IP. Based on the software SIMATIC NET (Softnet) from Siemens. (www.siemens.com)	Siemens S7 300/400 and other compatible PLCs	Ethernet, PC Slot Card	Profibus DP, MPI, TCP/IP - RFC1006, ISO 8073	●	
Inat	S7 TCP-IP driver	ZT-S7TCP	C	Driver for S7 TCP/IP connection via standard network card without additional software. The driver supports Simatic PDiag. (www.siemens.com)	Siemens S7 200, 300, 400 and 1200 or VIPA 200V, 300V, 300S and 500S	Ethernet	TCP/IP - RFC1006	●	
Interbus	Hilscher CIF driver	ZT-CIF32	A	Generic CIF driver for Interbus and Profibus DP cards from Hilscher (www.hilscher.com). The driver can be configured as master or as slave and communicates with the bus participants on the data level without protocol.	All Profibus DP resp. Interbus bus participants.	Bussystem	Profibus DP, Interbus	●	●
Interbus	CP001 Gateway driver	ZT-CP001	A	Driver for the Keba / Hilscher Universal Bus Gateway CP001. Supports communication via Profibus, Interbus usw.	PLCs with according interface and Expander program	Serial	Profibus DP, Interbus	●	●
Interbus	Interbus S driver	ZT-INTERNT	A	Driver for Interbus S Generation 4, Based on Interbus PC cards from Phönix Contact (www.phoenixcontact.com).	Interbus S Generation 4 (I/O communication)	Bussystem	Interbus	●	●
Internal driver	Driver for internal variables	-	-	Driver for internal variables. Variables can be local resp. global and can be started with an initial value or with the last value (remanence). The driver does not use up I/Os or TAGs.	-	Local	unknown	●	●
Internal driver	Driver for Mathematics variable	-	-	zenon Mathematics driver. For numerical and binary operations. The driver does not use up I/Os or TAGs.	-	Local	unknown	●	●

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Internal driver	Driver for simulator variables	-	-	zenon Simulation driver for simulation and internal variables. Variables also can be saved remant. The driver does not use up I/Os or TAGs.	-	Local	unknown	•	•
Internal driver	Driver for system variables	-	-	zenon System driver for displaying internal project information, network information, hardware information of the PC etc. The driver does not use up I/Os or TAGs.	-	Local	unknown	•	•
Iotech	Driver for DaqBoard-2000	ZT-DAQ	B	Driver for Data Acquisition Boards series 2000 (www.iotech.com)	DaqBoard/2000 series	PC Slot Card	unknown	•	•
Jetter	Jetter Treiber	ZT-JETTER	B	Driver for communication to Jetter PLCs via serial Interface, JETWay, PCPLC, and via Ethernet UDP/TCP (JetIP/JetSTX) www.jetter.de	All Jetter PLCs	Serial, Ethernet	Jetter	•	•
Kalki	IEC 61400-25-4 Annex C	ZT-IEC61400-25-4-C	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61400-25-4 Annex C compatible Server	Ethernet	IEC 61850	•	•
Kalki	IEC 61850 driver	ZT-IEC61850	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61850 compatible PLCs	Ethernet	IEC 61850	•	•
Keba	CP001 Gateway driver	ZT-CP001	A	Driver for the Keba / Hilscher Universal Bus Gateway CP001. Supports communication via Profibus, Interbus usw.	PLCs with according interface and Expander program	Serial	Profibus DP, Interbus	•	•
Keba	Kemro User ID Driver	ZT-KEMROUID	R	Driver for communication with the Kemro User ID USB Interface. The driver can read out datat from Keba RFID Chips. The driver is only available from Keba directly in combination with the hardware. (www.keba.com)	Kemro User ID	USB	unknown	•	•
Keba	Driver for the buttons /Ketop	ZT-KETOP	A	Driver for the buttons on the Ketop T100 and T50	Ketop T100 and T50	Local	unknown	•	•
Kieback + Peter	Bacnet and DDC4000 driver	ZT-BACNET	C	Replaced BACnet driver. The driver has been replaced by the BACnet NG driver. ASHRAE compliant BACnet driver for "BACnet/IP, Annex J". The driver supports spontaneous data traffic. www.bacnet.org	All Bacnet "BACnet/IP, Annex J" compliant PLCs; Kieback + Peter DDC4000 PLCs	Ethernet	BACnet/IP	•	•
Kieback + Peter	BACnet driver Next Generation	ZT-BACNETNG	C	This driver communicates to one or more BACnet devices (BACnet-Automation stations) using BACnet/IP protocol. The connected BACnet devices have to be operated as BACnet servers. The driver implements only client functionalities.	All PLCs with BACnet/IP support.	Ethernet	BACnet/IP	•	•
Kieback + Peter	Kieback + Peter driver	ZT-KUP	A	Driver for modules from the company Kieback+Peter (www.kieback-peter.de)	DDC centres; DDC3xxx	Serial	P90	•	•
Kirchnersoft	LogiCAD driver	ZT-LC32	A	Driver for the SoftPLC openPLC from Kirchner. (www.kirchnersoft.com)	Kirchner openPLC SoftPLC.	Local	unknown	•	•
KNX	European Installation Bus	ZT-EIBV2_32	C	Driver for the communication with the European Installation Bus (EIB / KNX). In the Runtime the driver needs the Falcon Runtime.	EIB/KNX capable stations	Serial, Ethernet	EIB Bus	•	•

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Koyo	KOYO Sequence driver	ZT-KOYO	B	Driver for the Koyo Sequence models (www.koyoele.co.jp/english)	Koyo Sequence model series: LOGIC, GE and Kostac S	Serial, Ethernet	unknown	●	●
KW-Software	Phoenix Contact driver	ZT-PHOENIX32	B	Direct driver for all ProConOS based Controll systems from Phoenix Contact. www.phoenixcontact.com	All Control Systems from Phoenix Contact based on ProConOS, e.g. Inline Controller (ILC), Remote Field Controller (RFC) , PC-Interface Cards (FC) etc. except: the serie 100 is not supported.	Ethernet	ProConOS	●	
Laetus	VDMA-XML driver	ZT-VDMA_XML	B	Driver for communication with devices in packaging and process industry using VDMAXML_P Protocol e.g.: Laetus components. www.vdma.org , www.laetus.com	VDMAXML_P compatible PLCs or devices; Laetus devices with VDMA-XML interface server.	Ethernet	VDMAXML_P	●	
Lauer	PCS807 Profibus DP driver	ZT-PCS80732	A	Driver for PCS807 communication box from Lauer for communication via ProfibusDP. (www.systeme-lauer.de)	S5 or S7 PLC via Profibus-DP	Serial	Profibus DP	●	
Lauer	PCS812 S7 connection	ZT-PCS812	A	Driver for PCS812 communication box from Lauer for communication via MPI. (www.systeme-lauer.de)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface	Serial	MPI	●	
Lauer	S7_MPIISA driver	ZT-S7MPIISA	A	Driver for the MPI-ISA card from Lauer for communication with a S7 PLC. (www.lauer-systeme.de)	Siemens S7300 /400 and compatible with MPI interface.	PC Slot Card	MPI	●	
LON	i-LON 100 driver	ZT-LON100	C	Driver for the communication with LON nodes via iLon100 router from Echelon. (www.echelon.com)	LON nodes	Ethernet	Lon Bus	●	●
LON	LON driver	ZT-LON32	C	Driver for the communication with LON nodes.	LON nodes	Ethernet, PC Slot Card	Lon Bus	●	●
LSIS	LS Industrial Systems-XGT	ZT-LS_XGT	B	For XGT series PLC from LS Industrial Systems. For Input and Output, symbolic und direct variables. Support numerical data types from 1 Bit up to 8 Byte (eng.lsis.biz).	XGT Series	Ethernet	XGT dedicated protocol	●	
Matsushita	Panasonic serial driver	ZT-MATSU32	A	Driver for Panasonic (former Matsushita) FPx PLCs (www.panasonic-electric-works.com). The driver also supports modem connection.	Pansasonic (Matsushita) PLCs of the types FP0/FP1/FP3/FP10SH/FP-M/FP2	Serial	unknown	●	●
Matsushita	Matsushita TCP-IP driver	ZT-MATSUTCP	A	TCP/IP driver for Matsushita FPx PLCs via standard network card. (www.matsushita.de)	Matsushita PLCs of the types FP0/FP1/FP3/FP10SH/FP-M/FP2	Ethernet	TCP/IP		●
M-Bus	Standard M-Bus driver	ZT-MBUS32	B	Driver for the standard M-Bus protocol.	M-Bus slaves	Serial	M-Bus	●	
Mitsubishi	Mitsubishi - Melsec A-Q driver	ZT-MITSUB	A	Driver for Mitsubishi A and Q series. (http://www.meau.com)	Supports CPUs of the AnS/AnA and Q series.	Serial, Ethernet	Melsec A, Melsec Q	●	●
Mitsubishi	Mitsubishi - Melsec FX driver	ZT-MITFX	A	Driver for Mitsubishi FX series. (http://www.meau.com)	Mitsubishi FX-32MR	Serial, Ethernet	Melsec FX	●	
Modbus Plus	Appicom driver	ZT-APPL	B	Driver for all Appicom interface cards, which support MPI or Modbus Plus. (http://www.appicom-int.com)	All PLCs, which support MPI resp. Modbus Plus	Bussystem	MPI, Modbus Plus	●	●

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Modbus RTU	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium,M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	●
Modbus RTU	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	
Modbus RTU	Passive Modbus RTU driver	ZT-MODLISTEN	R	The driver waits on a TCP/IP port, until the Brodersen Gateway establishes a GPRS connection. Then it communicates via Modbus RTU. (www.brodersencontrols.com)	Any Modbus PLCs that can be connected via the Brodersen UCM-97 GPRS-Gateway.	Ethernet	Modbus RTU over TCP	●	
Modicon	Modicon TSX Micro driver	ZT-MODICON	A	Connection to Modicon TSX PLC via Unitelway protocol. (www.schneider-electric.de)	Modicon TSX	Serial	Unitelway	●	
Modicon	PDNet PCI - driver	ZT-PADNETPCI	A	PDNet from the company Apex (www.apex.de), PDnet stands for Process Data Transport Net and in the lower communication levels is based on Arcnet.	Schneider Modicon PLCs: TSX Compact A120, TSX Compact Micro, TSX A250, A350, A500, TSX Quantum. ABB Protronic PLCs: T200, CS31, AC31. Siemens PLCs: S5-115U, S5-135U, S5-155U, S7-300, S7-400	Bussystem, Coaxialcable RG62/U	PDNet	●	●
Moeller	Codesys SoftPLC driver	ZT-3S32	A	Codesys Soft PLC driver for the standard Codesys RT interface (Coedsys Gateway Server)	Codesys Soft PLC and Elau Max 4	Ethernet, Local	3S-Gateway	●	●
Moeller	Codesys Arti SoftPLC driver	ZT-3S32_ARTI	A	Replaced Codesys Soft PLC driver for the Codesys 3S-ARTI interface. The driver was replaced by the Codesys Arti NG Treiber driver.	Codesys Soft PLCs, Moeller XControl PLCs XC200 and XC600, and Elau PacDrive Controller MAX 4, C200, C400, C600, P600.	Ethernet, Local	3S-Arti	●	
Moeller	Codesys Arti NG SoftPLC driver	ZT-3S_ARTI_NG	A	Codesys Soft PLC driver "New Generation" for the Codesys 3S-ARTI (Asynchron Runtime Interface) interface. The driver supports direct variable import from the Codesys development environment and replaces the Codesys Arti Soft PLC driver.	Codesys Soft PLCs, Moeller XControl PLCs XC200 and XC600, and Elau PacDrive Controller MAX 4, C200, C400, C600, P600.	Ethernet, Local	3S-Arti	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Moeller	Profibus DP Master driver	ZT-DPUNI32	C	Developed for special Moeller Profibus DP participant. Also can communicate with other passive Profibus DP participants. Better alternative: straton with Profibus DP driver.	Profibus DP Slaves (Only participants, which need no own configuration)	PC Slot Card	Profibus DP	●	
Moeller	Moeller Electric PSUNI driver	ZT-PSUNI32	A	Driver for Klöckner+Moeller PLCs. (www.moeller.net)	PS306, PS316, PS416, PS4-100, PS4-200, PS3/PS4-100 via ZB4-501-UM1 to PS4-200 via ZB4-303-KB1	Serial	Sucom A	●	
Mondial	Mininet-Master driver	ZT-MINI32	A	Mininet Master driver for B+R PLCs (www.br-automation.com)	B+R Minicontrol and B+R System 2000	Serial	Mininet	●	●
Mondial	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium,M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	●
Mondial	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	●
MPI	3964R-RK512 driver	ZT-3964R32	A	Driver for 3964R/RK512	All PLCs supporting 3963R/RK512; e.g. Siemens S5/S7 with according CP or CPU; Schleicher P03 via RK512. With Helmholtz Adapter communication with all PLCs with MPI support possible.	Serial	3964R/RK512	●	●
MPI	Applicom driver	ZT-APPL	B	Driver for all Applicom interface cards, which support MPI or Modbus Plus. (http://www.applicom-int.com)	All PLCs, which support MPI resp. Modbus Plus	Bussystem	MPI, Modbus Plus	●	●
MPI	S7 MPI for Siemens CE terminals	ZT-MPI	A	Driver for MPI Siemens CE platform (http://www.open-platform-program.com/products/default.asp)	Siemens S7300 /400 and compatible with MPI interface.	Bussystem	MPI	●	●
MPI	Hilscher MPI driver	ZT-OPENMPI	A	Driver for Hilscher Netlink Adapter (MPI -> TCP/IP) or Hilscher CIF-PB cards. The Netlink Adapter is also available identical in construction from IBH and Helmholtz. (http://www.hilscher.com)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface. The PLC must be MPI Master.	Ethernet, PC Slot Card	MPI	●	●

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
MPI	Driver for ESA PCI CIB	ZT-ESA32	A	Driver for ESA Windows CE terminal including ESA PCI CIB communication card for Windows CE for the communication with PLCs supporting MPI.	Siemens S7-PLCs or compatible PLCs (e.g. Vipa) with S7 functions via MPI.	Local	MPI	•	•
MPI	HMI adapter driver	ZT-S7HMI	A	Driver for the MPI->HMI adapter from Siemens or Helmholtz	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with S7 functions via MPI.	Serial	MPI	•	•
MPI	PCS812 S7 connection	ZT-PCS812	A	Driver for PCS812 communication box from Lauer for communication via MPI. (www.systeme-lauer.de)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface	Serial	MPI	•	•
MPI	S7_MPIISA driver	ZT-S7MPIISA	A	Driver for the MPI-ISA card from Lauer for communication with a S7 PLC. (www.lauer-systeme.de)	Siemens S7300/400 and compatible with MPI interface.	PC Slot Card	MPI	•	•
MPI	S7 driver Softnet based	ZT-S7NT	B	Driver for S7 PLCs via MPI / H1 / Profibus DP / TCP/IP. Based on the software SIMATIC NET (Softnet) from Siemens. (www.siemens.com)	Siemens S7 300/400 and other compatible PLCs	Ethernet, PC Slot Card	Profibus DP, MPI, TCP/IP - RFC1006, ISO 8073	•	•
MPI	PC Adapter - Vipa Green Cable	ZT-S7PCADAPTER	A	For the serial communication via the Siemens PC adapter / Helmholtz PC adapter to Siemens and Vipa PLCs with MPI interface. Alternativ: Serial communication to Vipa PLCs via the Vipa Green Cable to the Vipa PD interface.	Siemens S7 300/400 CPUs, all VIPA CPUs	Serial	Siemens PC-Protocol	•	•
MPI	SST Driver	ZT-SST	A	Driver for the communication via a MPI net through a SST Interface Card. (www.mysst.com)	Siemens S7 and other PLCs supporting MPI	PC Slot Card	MPI	•	•
MPI	Driver for VIPA CE touchpanel	ZT-VIPA32	A	Driver for communication with VIPA Windows CE Touch Panel with integrated S7-Chip for PLC connected trough MPI.	Siemens S7-PLCs or compatible PLCs (eg. Vipa) with "S7 functions" over MPI.	Bussystem, Local	MPI	•	•
Omron	Omron FINS driver	ZT-OMRONFINS	A	Driver for Omron SYSMAC. FINS = Factory Information Network System (www.europe.omron.com)	OMRON SYSMAC	Serial, Ethernet	Omron FINS	•	•
Omron	OMRON driver	ZT-OMRON32	A	Driver for Omron PLCs (www.europe.omron.com)	C200H Series (C200HX, C200HG, C200HE), C500, C1000, C2000	Serial	Omron Host Link	•	•
OPC	OPC Client V2-0 driver	ZT-OPCCLI32	A	Driver for the communication with OPC Servers.	The OPC Server must have implemented the interface in the version 1.0A or 2.0x Browsing is supported.	Local	OPC	•	•
OPC	OPC UA Client driver	ZT-OPCUA	B	Driver for communication with all OPC UA (Unified Architecture) servers. The driver supports only Data Access (DA). www.opcfoundation.org	All OPC-UA server with Data Access communication	Ethernet, Local	OPC-UA	•	•
OSAI	OSAI TCP/IP driver	ZT-OSAI	A	Driver for OSAI Soft PLC/CNC based on Windows CE. (www.osai.it)	OSAI Soft PLC/CNC	Ethernet	Osai WinNBI	•	•
Otis	Driver for Otis controller	ZT-OTIS	B	Driver for the connection to an Otis controller (Lift control). The driver only supports reading access. (www.otis.com)	-	Serial	Otis Protokoll	•	•

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Panasonic	Panasonic serial driver	ZT-MATSU32	A	Driver for Panasonic (former Matsushita) FPx PLCs (www.panasonic-electric-works.com). The driver also supports modem connection.	Panasonic (Matsushita) PLCs of the types FP0/FP1/FP3/FP10SH/FP-M/FP2	Serial	unknown	•	•
Panasonic	Matsushita TCP-IP driver	ZT-MATSUTCP	A	TCP/IP driver for Matsushita FPx PLCs via standard network card. (www.matsushita.de)	Matsushita PLCs of the types FP0/FP1/FP3/FP10SH/FP-M/FP2	Ethernet	TCP/IP	•	•
PDNet	PDNet PCI - driver	ZT-PADNETPCI	A	PDNet from the company Apex (www.apex.de), PDnet stands for Process Data Transport Net and in the lower communication levels is based on Arcnet.	Schneider Modicon PLCs: TSX Compact A120, TSX Compact Micro, TSX A250, A350, A500, TSX Quantum. ABB Protronic PLCs: T200, CS31, AC31. Siemens PLCs: S5-115U, S5-135U, S5-155U, S7-300, S7-400	Bussystem, Coaxialcable RG62/U	PDNet	•	•
Phoenix Contact	Interbus S driver	ZT-INTERNT	A	Driver for Interbus S Generation 4, Based on Interbus PC cards from Phönix Contact (www.phoenixcontact.com).	Interbus S Generation 4 (I/O communication)	Bussystem	Interbus	•	•
Phoenix Contact	Phoenix Contact driver	ZT-PHOENIX32	B	Direct driver for all ProConOS based Controll systems from Phoenix Contact. Wwww.phoenixcontact.com	All Control Systems from Phoenix Contact based on ProConOS, e.g. Inline Controller (ILC), Remote Field Controller (RFC) , PC-Interface Cards (FC) etc. except: the serie 100 is not supported.	Ethernet	ProConOS	•	•
Pilz	PILZ-PSS driver	ZT-PSS32	A	Driver for Pilz-PSS PLCs for ST area, FS area is not supported. (www.pilz.com)	PSS PLCs	Serial	PSS PG	•	•
Process-Informatik	S5 TCP-IP driver	ZT-S5TCP32	B	Driver for the S5 TCP/IP communication. The driver supports polling (SEND/RECEIVE) and spontaneous communication (FETCH/WRITE). (www.vipa.de, www.siemens.de, www.inat.de, www.process-informatik.de)	Siemens S5, Siemens S7 (only with VIPA CP443), Vipa System 300	Ethernet	TCP/IP	•	•
Process-Informatik	S7 driver Softnet based	ZT-S7NT	B	Driver for S7 PLCs via MPI / H1 / Profibus DP / TCP/IP. Based on the software SIMATIC NET (Softnet) from Siemens. (www.siemens.com)	Siemens S7 300/400 and other compatible PLCs	Ethernet, PC Slot Card	Profibus DP, MPI, TCP/IP - RFC1006, ISO 8073	•	•
Process-Informatik	S7 TCP-IP driver	ZT-S7TCP	C	Driver for S7 TCP/IP connection via standard network card without additional software. The driver supports Simatic PDiag. (www.siemens.com)	Siemens S7 200, 300, 400 and 1200 or VIPA 200V, 300V, 300S and 500S	Ethernet	TCP/IP - RFC1006	•	•
Profibus DP	Hilscher CIF driver	ZT-CIF32	A	Generic CIF driver for Interbus and Profibus DP cards from Hilscher (www.hilscher.com). The driver can be configured as master or as slave and communicates with the bus participants on the data level without protocol.	All Profibus DP resp. Interbus bus participants.	Bussystem	Profibus DP, Interbus	•	•
Profibus DP	CP001 Gateway driver	ZT-CP001	A	Driver for the Keba / Hilscher Universal Bus Gateway CP001. Supports communication via Profibus, Interbus usw.	PLCs with according interface and Expander program	Serial	Profibus DP, Interbus	•	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Profibus DP	Profibus DP Master driver	ZT-DPUNI32	C	Developed for special Moeller Profibus DP participant. Also can communicate with other passive Profibus DP participants. Better alternative: straton with Profibus DP driver.	Profibus DP Slaves (Only participants, which need no own configuration)	PC Slot Card	Profibus DP	●	
Profibus DP	PCS807 Profibus DP driver	ZT-PCS80732	A	Driver for PCS807 communication box from Lauer for communication via ProfibusDP. (www.systeme-lauer.de)	S5 or S7 PLC via Profibus-DP	Serial	Profibus DP	●	●
Profibus DP	S7 driver Softnet based	ZT-S7NT	B	Driver for S7 PLCs via MPI / H1 / Profibus DP / TCP/IP. Based on the software SIMATIC NET (Softnet) from Siemens. (www.siemens.com)	Siemens S7 300/400 and other compatible PLCs	Ethernet, PC Slot Card	Profibus DP, MPI, TCP/IP - RFC1006, ISO 8073	●	●
Profibus FMS	FMS with PC card from Siemens	ZT-FMSNT	C	Profibus FMS driver. Based on the software SIMATIC NET (Softnet) from Siemens. (www.siemens.com)	PLCs with Profibus FMS assembly group	PC Slot Card	Profibus FMS	●	●
Reis	Reis Robotics driver	ZT-REIS32	A	Driver for robots of Reis Robotics (www.reisrobotics.com)	Reis RS IV	Serial	Reis RS IV	●	●
Rockwell	Allen Bradley RS-Linx driver	ZT-ALLENBNT	A	Supports all connections which are available with RS Linx (http://www.software.rockwell.com)	Allen Bradley PLC types: PLC2, PLC3, PLC5, PLC5250, SLC500;	Serial, Bussystem, Ethernet	DataHighway Plus, DeviceNet, DataHighway, DF1, TCP/IP, ControlNet	●	●
Rockwell	Allen Bradley DF1 driver	ZT-ALLENDF1	A	For all Allen Bradley PLCs supporting DF1. The driver works half duplex	All Allen Bradley PLCs with DF1 interface	Serial	DF1	●	●
Rockwell	Allen-Bradley ODVA driver	ZT-LOGIX_ODVA	C	Ethernet/IP driver for communication via Common Industrial Protocol - CIP from Open DeviceNet Vendor Organisation (ODVA) with Allen-Bradley Logix PLCs. The driver supports direct browsing of variables from the PLC, offline browsing from projectfile (*.L5K) and blockread/write for all datatypes including structures and arrays. Www.ab.com	Allen-Bradley ControlLogix, CompactLogix and MicroLogix PLCs	Ethernet	EtherNet/IP, Common Industrial Protocol	●	
RTK Instruments	RTK9000 driver	ZT-RTK9000	B	Driver for serial communication with a System 9000TS Sequence of Events Recorder or a Series 725B Combined Annunciator and Event Recorder from RTK Instruments (www.rtkinstruments.com)	System 9000TS and Series 725B	Serial	RTKAMS	●	
Saia	Saia Directly driver	ZT-SADIR	A	Driver for direct SAIA communication via PGU,SBUS, P800 and TCP, but not via modem. No SAIA software needed. (www.saia-burgess.com)	SBUS: PCD1.MXXX; PCD2.MXXX; PCD3.MXXX; PCD4.MXXX; PCD6.MXXX; PCS1.CXXX TCP/IP: PCD1.M130 with PCD7.F650 module; PCD2.M150 with PCD7.F650 module; PCD2.M170 with PCD7.F650 module; PCD4.M170 with PCD7.F650 module; PCD6.M300 with PCD7.F651 module; PCD3	Serial, Ethernet	TCP/IP, SAIA S-Bus, SAIA P800	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Saia	SAIA2ND32 driver	ZT-SATCP	B	Driver for PGU,SBUS, P800, modem, TCP. Whereby communication via TCP is possible with one PLC per driver. (www.saia-burgess.com)	SBUS; PCD1.MXXX; PCD2.MXXX; PCD4.MXXX; PCD3MXXX; PCD6.MXXX; PCS1.CXXX TCP/IP: PCD1.M130 with PCD7.F650 module; PCD2.M150 with PCD7.F650 module; PCD2.M170 with PCD7.F650 module; PCD4.M170 with PCD7.F650 module; PCD6.M300 with PCD7.F651 module	Serial, Ethernet	TCP/IP, SAIA S-Bus, SAIA P800	●	
SAT	IEC 61400-25-4 Annex C	ZT-IEC61400-25-4-C	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61400-25-4 Annex C compatible Server	Ethernet	IEC 61850	●	
SAT	IEC 61850 driver	ZT-IEC61850	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61850 compatible PLCs	Ethernet	IEC 61850	●	
SAT	IEC 60870-5-101_104 driver	ZT-IEC870	C	Driver for the IEC 60870-5-101 (serial) and the IEC 60870-5-104 (TCP/IP) protocol; a Master (controlling station)	PLCs supporting the IEC 60870-5-101 or the IEC 60870-5-104 protocol.	Serial, Ethernet	IEC 60870-5-104, IEC 60870-5-101	●	●
Sauter	3964R-RK512 driver	ZT-3964R32	A	Driver for 3964R/RK512	All PLCs supporting 3963R/RK512; e.g. Siemens S5/S7 with according CP or CPU; Schleicher P03 via RK512. With Helmholtz Adapter communication with all PLCs with MPI support possible.	Serial	3964R/RK512	●	●

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Schiele	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium, M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	●
Schiele	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	●
Schiele	Schiele S400 driver	ZT-S432	A	Driver for Systron S400	Schiele Systron S400	Serial	unknown	●	●
Schiele	Schiele S800 driver	ZT-S80032	A	Driver for Systron S800	Schieles Systron S800	Serial	unknown	●	●
Schleicher	3964R-RK512 driver	ZT-3964R32	A	Driver for 3964R/RK512	All PLCs supporting 3963R/RK512; e.g. Siemens S5/S7 with according CP or CPU; Schleicher P03 via RK512. With Helmholz Adapter communication with all PLCs with MPI support possible.	Serial	3964R/RK512	●	●
Schneider	Applicom driver	ZT-APPL	B	Driver for all Applicom interface cards, which support MPI or Modbus Plus. (http://www.applicom-int.com)	All PLCs, which support MPI resp. Modbus Plus	Bussystem	MPI, Modbus Plus	●	
Schneider	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium, M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Schneider	Modicon TSX Micro driver	ZT-MODICON	A	Connection to Modicon TSX PLC via Unitelway protocol. (www.schneider-electric.de)	Modicon TSX	Serial	Unitelway	●	●
Schneider	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	●
Schneider	PDNet PCI - driver	ZT-PADNETPCI	A	PDNet from the company Apex (www.apex.de), PDnet stands for Process Data Transport Net and in the lower communication levels is based on Arcnet.	Schneider Modicon PLCs: TSX Compact A120, TSX Compact Micro, TSX A250, A350, A500, TSX Quantum. ABB Protronic PLCs: T200, CS31, AC31. Siemens PLCs: S5-115U, S5-135U, S5-155U, S7-300, S7-400	Bussystem, Coaxialcable RG62/U	PDNet	●	●
SE Elektronic	Driver for SE-Elektronic	ZT-SE_32	R	Driver for the connection to products of SE-Elektronic. (www.se-elektronic.de). The driver supports A, B and C devices	A, B and C- bus devices of SE Elektronic	Serial	unknown	●	
Siemens	3964R-RK512 driver	ZT-3964R32	A	Driver for 3964R/RK512	All PLCs supporting 3963R/RK512; e.g. Siemens S5/S7 with according CP or CPU; Schleicher P03 via RK512. With Helmholtz Adapter communication with all PLCs with MPI support possible.	Serial	3964R/RK512	●	
Siemens	Applicom driver	ZT-APPL	B	Driver for all Applicom interface cards, which support MPI or Modbus Plus. (http://www.applicom-int.com)	All PLCs, which support MPI resp. Modbus Plus	Bussystem	MPI, Modbus Plus	●	●
Siemens	BACnet driver Next Generation	ZT-BACNETNG	C	This driver communicates to one or more BACnet devices (BACnet-Automation stations) using BACnet/IP protocol. The connected BACnet devices have to be operated as BACnet servers. The driver implements only client functionalities.	All PLCs with BACnet/IP support.	Ethernet	BACnet/IP	●	
Siemens	S7 MPI for Siemens CE terminals	ZT-MPI	A	Driver for MPI Siemens CE platform (http://www.open-platform-program.com/products/default.asp)	Siemens S7300 /400 and compatible with MPI interface.	Bussystem	MPI	●	
Siemens	Hilscher MPI driver	ZT-OPENMPI	A	Driver for Hilscher Netlink Adapter (MPI -> TCP/IP) or Hilscher CIF-PB cards. The Netlink Adapter is also available identical in construction from IBH and Helmholtz. (http://www.hilscher.com)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface. The PLC must be MPI Master.	Ethernet, PC Slot Card	MPI	●	
Siemens	CTI driver	ZT-CTI	B	Driver for CTI PLCs,, Texas Instruments TI 505 PLCs or Simatic 545/555 PLCs. The driver support the protocols CAMP and NITP with Packed Task Codes.	CTI PLCs, TI505, Simatic 545, Simatic 555	Ethernet	NITP, CAMP	●	●
Siemens	Driver for ESA PCI CIB	ZT-ESA32	A	Driver for ESA Windows CE terminal including ESA PCI CIB communication card for Windows CE for the communication with PLCs supporting MPI.	Siemens S7-PLCs or compatible PLCs (e.g. Vipa) with S7 functions via MPI.	Local	MPI	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Siemens	FMS with PC card from Siemens	ZT-FMSNT	C	Profibus FMS driver. Based on the software SIMATIC NET (Softnet) from Siemens. (www.siemens.com)	PLCs with Profibus FMS assembly group	PC Slot Card	Profibus FMS	●	
Siemens	HMI adapter driver	ZT-S7HMI	A	Driver for the MPI->HMI adapter from Siemens or Helmholz	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with S7 functions via MPI.	Serial	MPI	●	
Siemens	IEC-62056-21 Driver	ZT-IEC62056	B	Driver for read out of values from energy meters. The driver uses protocol A of IEC 62056-21 specification. The driver supports read only communication.	IEC 62056-21 or IEC 61107 compatible energy meter	Serial, Ethernet	IEC 62056-21, IEC 61107	●	
Siemens	IEC 61400-25-4 Annex C	ZT-IEC61400-25-4-C	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61400-25-4 Annex C compatible Server	Ethernet	IEC 61850	●	●
Siemens	IEC 61850 driver	ZT-IEC61850	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61850 compatible PLCs	Ethernet	IEC 61850		
Siemens	IEC 60870-5-101_104 driver	ZT-IEC870	C	Driver for the IEC 60870-5-101 (serial) and the IEC 60870-5-104 (TCP/IP) protocol; a Master (controlling station)	PLCs supporting the IEC 60870-5-101 or the IEC 60870-5-104 protocol.	Serial, Ethernet	IEC 60870-5-104, IEC 60870-5-101		
Siemens	PDNet PCI - driver	ZT-PADNETPCI	A	PDNet from the company Apex (www.apex.de), PDnet stands for Process Data Transport Net and in the lower communication levels is based on Arcnet.	Schneider Modicon PLCs: TSX Compact A120, TSX Compact Micro, TSX A250, A350, A500, TSX Quantum. ABB Protronic PLCs: T200, CS31, AC31. Siemens PLCs: S5-115U, S5-135U, S5-155U, S7-300, S7-400	Bussystem, Coaxialcable RG62/U	PDNet		
Siemens	PCS807 Profibus DP driver	ZT-PCS80732	A	Driver for PCS807 communication box from Lauer for communication via ProfibusDP. (www.systeme-lauer.de)	S5 or S7 PLC via Profibus-DP	Serial	Profibus DP	●	
Siemens	PCS812 S7 connection	ZT-PCS812	A	Driver for PCS812 communication box from Lauer for communication via MPI. (www.systeme-lauer.de)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface	Serial	MPI	●	
Siemens	S5 H1 driver	ZT-S5H1NT	B	H1 protocol driver for Siemens S5. H1 resp. "Industrial Ethernet" is the protocol name for the cellular network, which is based on the 7-layer-model of the ISO/OSI standard. (www.vipa.de, www.siemens.de, www.inat.de). At PC you need the PC H1 Driver from INAT.	Siemens S5	Ethernet	H1	●	
Siemens	Siemens S5 PD driver	ZT-S5PG32	A	Driver for the programming interface of the Simatic S5 from Siemens with AS 511 protocol. (www.siemens.com)	Siemens Simatic S5	Serial	AS 511	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Siemens	S5 TCP-IP driver	ZT-S5TCP32	B	Driver for the S5 TCP/IP communication. The driver supports polling (SEND/RECEIVE) and spontaneous communication (FETCH/WRITE). (www.vipa.de, www.siemens.de, www.inat.de, www.process-informatik.de)	Siemens S5, Siemens S7 (only with VIPA CP443), Vipa System 300	Ethernet	TCP/IP	●	
Siemens	S7 driver for S7-200	ZT-S7PPI200	A	Connection to Siemens S7 200 PLCs	Siemens S7 CPU-212	Serial	PPI	●	
Siemens	S7_MPIISA driver	ZT-S7MPIISA	A	Driver for the MPI-ISA card from Lauer for communication with a S7 PLC. (www.lauer-systeme.de)	Siemens S7300/400 and compatible with MPI interface.	PC Slot Card	MPI	●	
Siemens	S7 driver Softnet based	ZT-S7NT	B	Driver for S7 PLCs via MPI / H1 / Profibus DP / TCP/IP. Based on the software SIMATIC NET (Softnet) from Siemens. (www.siemens.com)	Siemens S7 300/400 and other compatible PLCs	Ethernet, PC Slot Card	Profibus DP, MPI, TCP/IP - RFC1006, ISO 8073	●	
Siemens	WINAC driver	ZT-S7AC41x32	B	Driver for the communication with a Siemens Soft PLC (WINAC). (www.siemens.com)	Software PLC WinAC or SlotPLC WinAC Pro or WinAC Pro Lite from Siemens	Local	unknown	●	●
Siemens	Siclimat X Decos	ZT-S7DCOS	R	Driver for communication with Siclimat X Building Automation System, Siemens AG	S7-300, S7400,	Unknown	unknown	●	●
Siemens	PC Adapter - Vipa Green Cable	ZT-S7PCADAPTER	A	For the serial communication via the Siemens PC adapter / Helmholtz PC adapter to Siemens and Vipa PLCs with MPI interface. Alternativ: Serial communication to Vipa PLCs via the Vipa Green Cable to the Vipa PD interface.	Siemens S7 300/400 CPUs, all VIPA CPUs	Serial	Siemens PC-Protocol	●	●
Siemens	S7 TCP-IP driver	ZT-S7TCP	C	Driver for S7 TCP/IP connection via standard network card without additional software. The driver supports Simatic PDiag. (www.siemens.com)	Siemens S7 200, 300, 400 and 1200 or VIPA 200V, 300V, 300S and 500S	Ethernet	TCP/IP - RFC1006	●	●
Siemens	Siemens Sigmasys driver	ZT-SIGMASYS	R	Driver for the Siemens Sigmasys fire alarm centre. Spontaneous slave driver based on the GMA Manager (Destination Management System)	Siemens Sigmasys TOPSIS	Ethernet	unknown	●	●
Siemens	Simotion driver	ZT-SIMOTION	B	Driver for S7 Simotion D4x5 connection via standard network card without additional software. Offline variable import from Siemens Scout file possible. (www.siemens.com)	Siemens Simotion D425/D435/D445 CPUs	Ethernet	TCP/IP	●	●
Siemens	SST Driver	ZT-SST	A	Driver for the communication via a MPI net through a SST Interface Card. (www.mysst.com)	Siemens S7 and other PLCs supporting MPI	PC Slot Card	MPI	●	●
Siemens	Teleperm driver	ZT-TELEPERM32	B	Connection to the Siemens process control system TELEPERM M / ME via the SYNO@gate 300 IP from Synotec (Vertrieb: www.psg-gmbh.de)	AS220,AS220E,AS220EA,AS220E HF,EAK,AS230,AS235,AS231,MS236,AG150U,AG155U,AS215	Ethernet	TCP/IP	●	●
Siemens	TI 505 - 545 driver	ZT-TI500	A	Driver for Texas Instruments TI 505 / 545. Protocols: TBP,NITP, TCP/IP	TI 505 and 545	Serial, Ethernet	TCP/IP, TBP, NITP	●	●
Siemens	Driver for VIPA CE touchpanel	ZT-VIPA32	A	Driver for communication with VIPA Windows CE Touch Panel with integrated S7-Chip for PLC connected through MPI.	Siemens S7-PLCs or compatible PLCs (eg. Vipa) with "S7 functions" over MPI.	Bussystem, Local	MPI	●	●
Sigmathek	SIGMATEK driver	ZT-SIGMA32	A	Connection to Sigmatek products (www.sigmatek.at)	Sigmathek DIAS	Serial, Bussystem, Ethernet	unknown	●	
Sigmathek	Sigmathek Lasal Driver	ZT-STLASAL	A	Connection to all Sigmatek PLCs, which can be engineered with the engineering software LASAL.	All Sigmatek PLCs supporting the Sigmatek Lasal protocol.	Serial, Ethernet, CAN Bus Adapter	Sigmathek Lasal	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Sinthesi	PICnet driver	ZT-SINTH	A	Driver for Sinthesi PICnet PLCs (www.sinthesi.com).The driver uses the SAPP (Sinthesi Asynchronous Packet Protocol) protocol	PICnet PLCs from Sinthesi	Serial	SAPP	●	●
SNMP	SNMP Driver	ZT-SNMP	C	Driver for communication with devices supporting SNMP.	Devices supporting SNMP	Ethernet	SNMP, SNMPv1, SNMPv2c	●	
So Hard	ARCNET - Driver for ABB	ZT-ARCNETNT	A	Arcnet driver for ABB PLCs based on Arcnet Interface Card from So Hard	ABB PLC of the series 07KTxx with Arcnet connection	Coaxialcable RG62/U	Arcnet	●	
Sprecher Automation	IEC 61400-25-4 Annex C	ZT-IEC61400-25-4-C	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61400-25-4 Annex C compatible Server	Ethernet	IEC 61850	●	●
Sprecher Automation	IEC 61850 driver	ZT-IEC61850	R	The IEC61850 Client driver. The communication between driver and PLC is based on the IEC 61850 protocol, using server/client services via TCP/IP (profile A1/T1). The driver acts as Client (Master) during communication. The driver supports Reporting (unbuffered and buffered).	IEC 61850 compatible PLCs	Ethernet	IEC 61850	●	
Sprecher Automation	IEC 60870-5-101_104 driver	ZT-IEC870	C	Driver for the IEC 60870-5-101 (serial) and the IEC 60870-5-104 (TCP/IP) protocol; a Master (controlling station)	PLCs supporting the IEC 60870-5-101 or the IEC 60870-5-104 protocol.	Serial, Ethernet	IEC 60870-5-104, IEC 60870-5-101	●	
SQL	Write variable values in SQL	ZT-ExportSQL	B	The driver writes values from selected variables into a dedicated table of a SQL database. The driver communicates via ODBC connection.	ODBC databases	Local	ODBC	●	●
SQL	SQL Driver	ZT-SQLDRV	A	The driver is used for the bidirectional data exchange with a SQL database supporting ODBC.	SQL database supporting ODBC	Ethernet, Local	SQL	●	●
SST	SST Driver	ZT-SST	A	Driver for the communication via a MPI net through a SST Interface Card. (www.mysst.com)	Siemens S7 and other PLCs supporting MPI	PC Slot Card	MPI	●	
straton	straton driver	ZT-STRATON	-	Driver for straton connection.	straton	Ethernet, Local	TCP/IP	●	
straton	straton NG driver	ZT-StratonNG	A	Driver for communication with straton PLCs. Replaces straton 32 driver. The driver can use several connections at the same time and uses an improved communication concept.	PLCs based on the straton VMTK.	Ethernet	TCP/IP	●	
Swarco Futurit	Swarco Futurit	ZT-FUTURIT	B	Connection to a Futrit PLC ACADA 70. The driver supports modem connection	Futurit ACADA 70	Serial	FuturitCom	●	
Synotec	Teleperm driver	ZT-TELEPERM32	B	Connection to the Siemens process control system TELEPERM M / ME via the SYNO@gate 300 IP from Synotec (Vertrieb: www.psg-gmbh.de)	AS220,AS220E,A S220EA,AS220EHF,EAK,AS230,AS235,AS231,MS236,AG150U,AG155U,AS215	Ethernet	TCP/IP	●	
Telco	Telco200 driver	ZT-TELCO_32	A	Telco200Z - Telecontrol central station in combination with telephone communication. Dataexchange for online and historical data is possible. CTi GmbH, www.ctiweb.de	Telco200Z, Telco210Z	Serial	unknown	●	

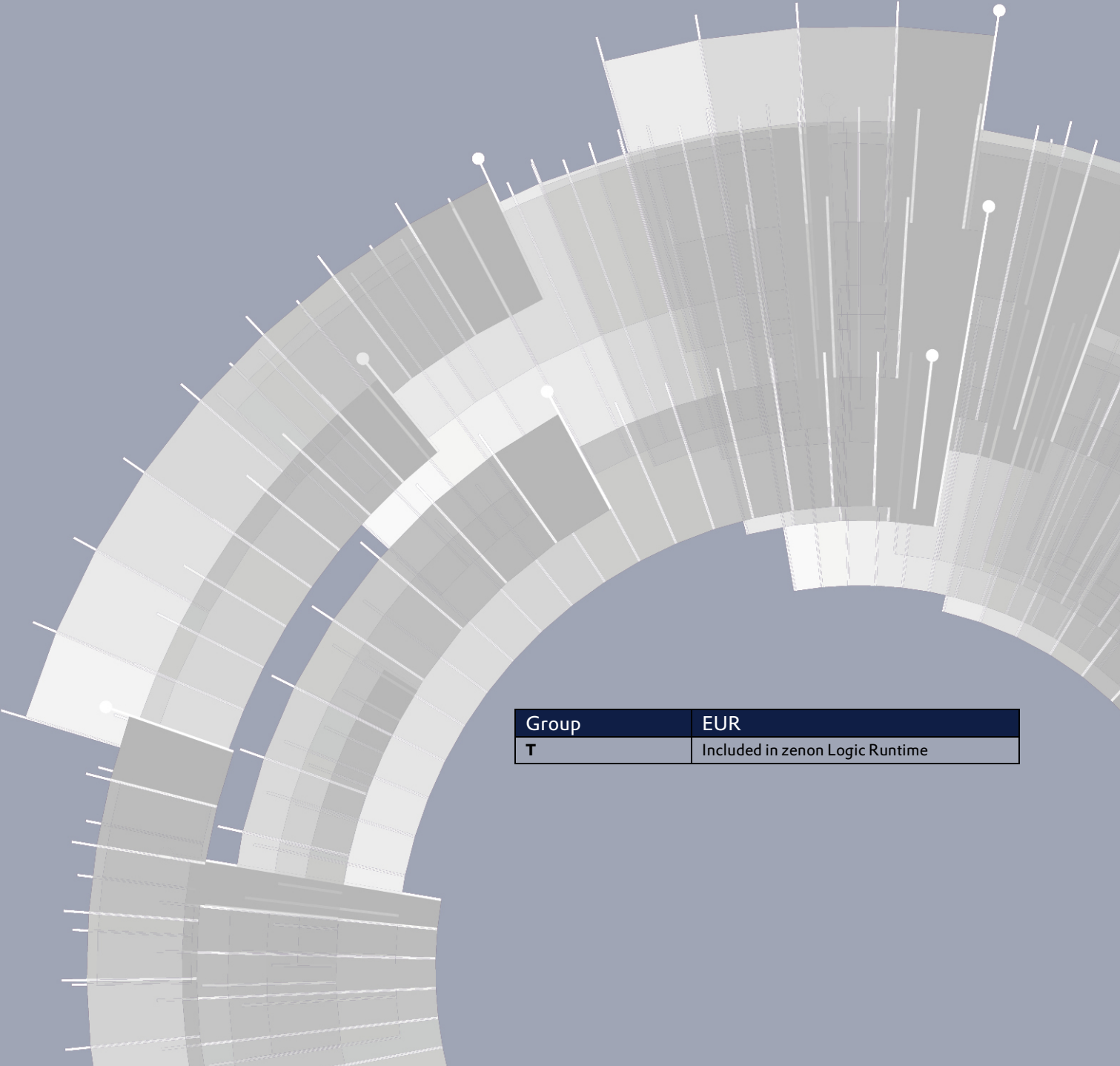
Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Telemecanique	Modbus Energy driver	ZT-MODBUS_E	C	Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver: - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium,M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	
Telemecanique	Modicon TSX Micro driver	ZT-MODICON	A	Connection to Modicon TSX PLC via Unitelway protocol. (www.schneider-electric.de)	Modicon TSX	Serial	Unitelway	●	●
Telemecanique	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII (seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	●
Texas Instruments	CTI driver	ZT-CTI	B	Driver for CTI PLCs,, Texas Instruments TI 505 PLCs or Simatic 545/555 PLCs. The driver support the protocols CAMP and NITP with Packed Task Codes.	CTI PLCs, TI505, Simatic 545, Simatic 555	Ethernet	NITP, CAMP	●	●
Texas Instruments	TI 505 - 545 driver	ZT-TI500	A	Driver for Texas Instruments TI 505 / 545. Protocols: TBP,NITP, TCP/IP	TI 505 and 545	Serial, Ethernet	TCP/IP, TBP, NITP	●	●
TR Systemtechnik	Driver for Slot PCL SPCx00	ZT-SPCNT	A	Driver for the Slot PCL SPCx00 from TR-Systemtechnik (tr-systemtechnik.de)	SPC-xx needed	Local	unknown	●	●
Trend	Trend Driver	ZT-TREND32	A	Driver for the direct connection to a trend PLC	IQ xxx	Serial	Trend Attribut Communication	●	●
Trend	Trend NG driver	ZT-TrendNG	A	The driver has the same functionality as driver Trend32. It is however based on driver Trend TCC-Suite. With this it can communicate not only a serial interface but also via all communication types (e.g. TCP/IP, Modem) the TCC-Suite supports (www.trendcontrols.com)	IQ xxx	Serial, Ethernet	unknown	●	●
VDMA	VDMA-XML driver	ZT-VDMA_XML	B	Driver for communication with devices in packaging and process industry using VDMAXML_P Protocol e.g.: Laetus components. Www.vdma.org, www.laetus.com	VDMAXML_P compatible PLCs or devices; Laetus devices with VDMA-XML interface server.	Ethernet	VDMAXML_P	●	●
Vipa	Driver for ESA PCI CIB	ZT-ESA32	A	Driver for ESA Windows CE terminal including ESA PCI CIB communication card for Windows CE for the communication with PLCs supporting MPI.	Siemens S7-PLCs or compatible PLCs (e.g. Vipa) with S7 functions via MPI.	Local	MPI	●	
Vipa	HMI adapter driver	ZT-S7HMI	A	Driver for the MPI->HMI adapter from Siemens or Helmholz	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with S7 functions via MPI.	Serial	MPI	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Vipa	PCS812 S7 connection	ZT-PCS812	A	Driver for PCS812 communication box from Lauer for communication via MPI. (www.systeme-lauer.de)	Siemens S7-PLCs or compatible PLCs (e.g. VIPA) with MPI interface	Serial	MPI	●	●
Vipa	S5 H1 driver	ZT-S5H1NT	B	H1 protocol driver for Siemens S5. H1 resp. "Industrial Ethernet" is the protocol name for the cellular network, which is based on the 7-layer-model of the ISO/OSI standard. (www.vipa.de, www.siemens.de, www.inat.de). At PC you need the PC H1 Driver from INAT.	Siemens S5	Ethernet	H1	●	●
Vipa	S5 TCP-IP driver	ZT-S5TCP32	B	Driver for the S5 TCP/IP communication. The driver supports polling (SEND/RECEIVE) and spontaneous communication (FETCH/WRITE). (www.vipa.de, www.siemens.de, www.inat.de, www.process-informatik.de)	Siemens S5, Siemens S7 (only with VIPA CP443), Vipa System 300	Ethernet	TCP/IP	●	
Vipa	S7 driver Softnet based	ZT-S7NT	B	Driver for S7 PLCs via MPI / H1 / Profibus DP / TCP/IP. Based on the software SIMATIC NET (Softnet) from Siemens. (www.siemens.com)	Siemens S7 300/400 and other compatible PLCs	Ethernet, PC Slot Card	Profibus DP, MPI, TCP/IP - RFC1006, ISO 8073	●	
Vipa	PC Adapter - Vipa Green Cable	ZT-S7PCADAPTER	A	For the serial communication via the Siemens PC adapter / Helmholtz PC adapter to Siemens and Vipa PLCs with MPI interface. Alternativ: Serial communication to Vipa PLCs via the Vipa Green Cable to the Vipa PD interface.	Siemens S7 300/400 CPUs, all VIPA CPUs	Serial	Siemens PC-Protocol	●	
Vipa	S7 TCP-IP driver	ZT-S7TCP	C	Driver for S7 TCP/IP connection via standard network card without additional software. The driver supports Simatic PDiag. (www.siemens.com)	Siemens S7 200, 300, 400 and 1200 or VIPA 200V, 300V, 300S and 500S	Ethernet	TCP/IP - RFC1006	●	
Vipa	Driver for VIPA CE touchpanel	ZT-VIPA32	A	Driver for communication with VIPA Windows CE Touch Panel with integrated S7-Chip for PLC connected trough MPI.	Siemens S7-PLCs or compatible PLCs (eg. Vipa) with "S7 functions" over MPI.	Bussystem, Local	MPI	●	
Volkswagen	Internal driver with time stamp	ZT-Reflect	A	Internal driver which gives back every set value as actual value with unchanged value but new time stamp. Status bits for Cause of Transmission are also changed. This guarantees that when writing set values with the same value and same time stamp (VBA/VSTA), the value is recognized as a changed value and is therefore passed on	no PLC connection	Local	unknown	●	
Vollmer	Telco200 driver	ZT-TELCO_32	A	Telco200Z - Telecontrol central station in combination with telephone communication. Dataexchange for online and historical data is possible. CTi GmbH, www.ctiweb.de	Telco200Z, Telco210Z	Serial	unknown	●	

Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Wago	Modbus Energy driver	ZT-MODBUS_E	C	<p>Open Modbus TCP/IP driver with the following differences compared to the standard Modbus driver:</p> <ul style="list-style-type: none"> - TCP/IP channel bundling - improved communication with gateways - read and write only for holding register - supports only Open Modbus TCP/IP protocol - Sequence of Events for AREVA MiCOM 126/127, GE Multilin F650, GE Multilin UR-series, ICE NPx800, Schneider MODICON TSX Premium with COSTRONIC Software <p>www.aveva-td.com, www.gedigitalenergy.com, www.groupeice.com, www.costronic.ch</p>	All controllers and gateways supporting Open Modbus TCP/IP. Sequence of Events is only available for AREVA MiCOM P126/P127, GE Multilin F650, GE Multilin UR-series, ICE NPI 800, ICE NPID 800 and Schneider MODICON TSX (Premium, M340, Quantum) with Function block (DFB) from Costronic and Schneider Sepam Protection Relais.	Ethernet	Modbus RTU over TCP	●	
Wago	Modbus RTU and Open Modbus TCP	ZT-MODRTU32	A	The driver supports the protocol "Modbus RTU" over a serial connection and over a TCP/IP connection and the protocol "Open Modbus TCP" for TCP/IP connection. The driver acts as a Modbus Master. (For a Modbus Slave please use the Process Gateway)	All PLCs supporting Modbus RTU, Open Modbus TCP/IP or Modbus ASCII(seriell)	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP, Modbus RTU over TCP, Modbus ASCII - serial	●	
Wago	straton driver	ZT-STRATON	-	Driver for straton connection.	straton	Ethernet, Local	TCP/IP	●	
Wago	straton NG driver	ZT-StratonNG	A	Driver for communication with straton PLCs. Replaces straton 32 driver. The driver can use several connections at the same time and uses an improved communication concept.	PLCs based on the straton VMTK.	Ethernet	TCP/IP	●	●
zenon system driver	Driver for internal variables	-	-	Driver for internal variables. Variables can be local resp. global and can be started with an initial value or with the last value (remanence). The driver does not use up I/Os or TAGs.	-	Local	unknown	●	●
zenon system driver	Driver for Mathematics variable	-	-	zenon Mathematics driver. For numerical and binary operations. The driver does not use up I/Os or TAGs.	-	Local	unknown		●
zenon system driver	Driver for simulator variables	-	-	zenon Simulation driver for simulation and internal variables. Variables also can be saved remant. The driver does not use up I/Os or TAGs.	-	Local	unknown		●
zenon system driver	Driver for system variables	-	-	zenon System driver for displaying internal project information, network information, hardware information of the PC etc. The driver does not use up I/Os or TAGs.	-	Local	unknown		●

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zenon Logic Fieldbus drivers



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Category	Driver name	Article number	Price group	Description	PLC Types	Connection type	Communication protocol	Windows	
								XP / 2003 / Vista / Windows 7	CE / Mobile
Applicom	Applicom IO configuration	ST-AppIO	T	Driver for Applicom IO cards (Direct Link)	-	PC Slot Card	Modbus RTU - serial, Profibus DP, Can Open, DeviceNet, ControlNet	●	
Beckhoff	K-Bus driver for CX1000	ST-CX1000	T	Driver for Beckhoff CX1000 with K-Bus	-	Local	K-Bus	●	
Bihl+Widemann	AS-interface	ST-Asi	T	For Bihl+Widemann AS-i configurations	-	Serial, PC Slot Card	AS-i	●	
Brodersen	Brodersen IOTOOLS	ST-IOTools	T	-	-	Serial	proprietary	●	●
COPA-DATA	Win32 Shared memory	ST-Win32	T	Driver for so called super-global variables exchanged between two straton RT instances	-	Local	proprietary	●	
COPA-DATA	straton to zenon RT connection	-	-	Internal straton peripheral driver - Shared Memory dreiber; may only be use once on a computer! This driver must be configured in the straton project if a zenon variable is set to "externally visible"	-	Local	proprietary	●	
Hilscher	Hilscher SYCON CifX	ST-CIFX	T	Driver for Hilscher fieldbus boards; the configuration is doen via Hilscher configuration software "SYCON.net". The configuration file has to be exported as XML in SYCON.net and imported in straton fieldbus configuration.	-	PC Slot Card	Open Modbus TCP, Profinet, EtherCAT, EtherNet/IP, Sercos III	●	
Hilscher	Hilscher CIF Profibus	ST-ProfDP	T	Driver for Hilscher Profibus DP cards (CIF 30, 40, 50, 60, 104). The configuration is done via straton fieldbus configurator.	-	PC Slot Card	Profibus DP	●	●
Hilscher	Hilscher SYCON configuration	ST-Sycon	T	Driver for Hilscher Fieldbuscards, the configuration is done via Hilscher configuration software "SyCon". The configuration is exported with SyCon and importet in the straton fieldbus configurator.	-	PC Slot Card	Profibus DP, Interbus, Can Open, DeviceNet, ControlNet	●	●
HMS	HMS configuration	ST-HMS	T	Driver for HMS fieldbus cards, the configuration is done via HMS cKonfiguration software	-	PC Slot Card	Profibus DP, DeviceNet, AS-i	●	
Kontron	ThinkIO/IOSystem 758	ST-THINKIO	T	Driver for Wago I/O System 758 (Wago IPC) bzw. Kontron ThinkIO with Windwos CE 5.0	-	Bussystem	proprietary	●	●
Mitsubishi	Mitsubishi Q C-CPU	ST-QBF	-	kommunikation with I/O Modules using C-CPU of the Melsec Q-Serie via backplane bus.	Melsec Q12DCCPU-V	Bussystem	unknown	●	●
Open Modbus	MODBUS Master protocol	ST-MBMASTER	T	Driver for Modbus Master protocol	-	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP	●	
Open Modbus	MODBUS Slave protocol	ST-MBSLAVE	T	Driver for Modbus Slave protocol	-	Serial, Ethernet	Modbus RTU - serial, Open Modbus TCP	●	
Phoenix Contact	Interbus-S	ST-PHOEINTER	T	Driver for Phoenix Contact Interbus Card	-	PC Slot Card	Interbus	●	
Profinet	ProfiNet IO RT	ST-PROFINETIORT	T	straton driver for the communication with Profinet devices.	-	Ethernet	Profinet	●	
Siemens	SIMATIC S7-mEC	ST-S7mEC31	-	To communicate with I/O Modules of SIMATIC S7 300 series via the backplane bus of the mEC31 controller	SIMATIC S7-modular Embedded Controller, I/O Module for SIMATIC S7 300 Serie	Bussystem	proprietary	●	●
Siemens	SoftNet ProfibusDP	ST-SOFTNET	T	Driver for Siemens Profibus Master cards	-	Local	Profibus DP		●
Wago	ThinkIO/IOSystem 758	ST-THINKIO	T	Driver for Wago I/O System 758 (Wago IPC) bzw. Kontron ThinkIO with Windwos CE 5.0	-	Bussystem	proprietary		●
Woodhead	Applicom IO configuration	ST-AppIO	T	Driver for Applicom IO cards (Direct Link)	-	PC Slot Card	Modbus RTU - serial, Profibus DP, Can Open, DeviceNet, ControlNet	●	●