

**List of available Drivers for TBox CPU3, MS16/LITE/LP/WM, MS32, -LT2, -TG2 and TBox Nano**

**1. Drivers to field devices**

| DRIVER NAME                  | Description  | Equipment   | Protection Mode        | Special Hardware | Price in Euros | TBox CPU3 | TBox CPU16/LT /LP/WM | TBox MS32/-LT2/-TG2 | TBox Nano |
|------------------------------|--|---|------------------------|------------------|----------------|-----------|----------------------|---------------------|-----------|
| ABB SPAJ                     | ABB Regulators   | SPAJ 140 C  | No                     | Yes              | Please Call    | X         |                      |                     |           |
| ABDF1 SERIAL                 | This communication driver supports DF1 serial protocol from Allen Bradley. It supports Full, Half Duplex, in Master and Slave mode | See driver manual for supported commands and devices. | No                     | No               | Free           |           | X                    | X                   |           |
| AB ETHERNET IP               | This communication driver supports ethernet com. to Allen Bradley PLC  |   |                        |                  | Free           |           |                      | X                   |           |
| ACCESS CONTROL (CARD READER) | Magnetic Card reader custom driver – requests 4 DI   | Dinec   | No                     | Yes              | Free           | X         |                      |                     |           |
| ACCESS CONTROL (DIGI 3520)   | Keyboard + Display + Card Reader   | Dinec   | No                     | Yes              | Free           | X         |                      |                     |           |
| ACCESS CONTROL (LOCAL BUS)   | Magnetic Card, Proxy (RFID), keyboard w/wo display   | Dinec   | No                     | Yes              | Free           |           | X                    | X                   |           |
| AGA                          | Gas calculation  | Gas meters  | No                     | No               | Free           |           |                      | X                   |           |
| ARITEC                       | ARITEC Advisor 91 Intrusion central  | CD9102  | Internal (licence/CPU) | No               | Free           | X         |                      |                     |           |
| ASCII PROTOCOL "SERIAL"      | Toolkit to develop any "ASCII" communication (RS232 & RS485)   | Any basic protocol                                    | No                     | No               | Free           | X         | X                    | X                   |           |
| ASCII PROTOCOL "IP"          | Toolkit to develop any "ASCII" communication (IP)  | Any basic protocol                                    | No                     | No               | Free           |           |                      | X                   |           |
| BRISTOL MECI                 | Gas Flow calculator  | CDN12   | No                     | No               | Please call    | X         |                      |                     |           |
| BRISTOL MECI                 | Gas Flow analyzer  | CDV12   | No                     | No               | Please call    | X         |                      |                     |           |
| CATERPILLAR                  | Cat driver   | CCM interface   | Yes                    | No               | Free           | X         |                      |                     |           |
| CERBERUS                     | Fire Detection Central   | DMS 7000 CS10   | No                     | Yes              | Free           | X         |                      |                     |           |
| CERBERUS                     | Fire Detection Central   | DMS7000 CS11-Algorex                                  | No                     | Yes              | Please call    | X         |                      |                     |           |
| COMLI                        | Communication in Comli protocol with ABB devices (SERIAL)  | Ex : Sattcon OP45                                     | No                     | No               | Free           |           | X                    |                     |           |

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|---|---|-----------------------------------|------------------------|---------------------------------------|----------------|-----------|----------------------|---------------------|-----------|
| CONTREC                                 | Energy Flow Computer for heating systems  | 812                               | No                     | No                                    | Free           | X         |                      |                     |           |
| CORONIS                                 | Wireless communication with Coronis Ultra Low-Power meters  | WaveFlow, WaveTherm, WavePort     | No                     | No                                    | Free           |           | X                    |                     |           |
| DATAM FLUTEC                            | RTU   | Datbus                            | No                     | No                                    | Free           | X         |                      |                     |           |
| DNP3.0 "MASTER"                         | DNP3, level 1+2   | DNP3                              | No                     | No                                    | Free           |           | X                    | X                   |           |
| DNP3.0 "MASTER" SECURE                  | SAv5  | DNP3                              | No                     | No                                    | Please call    |           | X                    | X                   |           |
| ELAN                                    | Text-to-Speech interface  | PSU                               | No                     | No                                    | Free           | X         |                      |                     |           |
| ERNITEC                                 | Video Matrix System   | System 500M/1000M                 | Yes                    | No                                    | Please call    | X         |                      |                     |           |
| FIREWALL (as of OS 1.26 embedded in OS) | Access security based on protocol, IP address and TCP ports   | -                                 | No                     | No                                    | Free           |           |                      | embedded            |           |
| FISCHER & PORTER                        | Flowmeters Mag-XM   | MAG-XM                            | Internal (licence/CPU) | No                                    | Free           | X         |                      |                     |           |
| GENISYS                                 | Slave "serial" protocol with redundancy   | Genisys Master                    | No                     | No                                    | Free           |           |                      | X                   |           |
| GILLAM                                  | TELEGAM 3000  | Gillam devices                    | Internal (licence/CPU) | No                                    | Free           | X         | x                    |                     |           |
| GRASSO                                  | Fridge - Compressors  | Multi Protocol Converter MPC      | Internal (licence/CPU) | No                                    | Free           | X         |                      |                     |           |
| HTTPS (as of OS 1.26 embedded in OS)    | HTTPS, with "S" for secured", is an alternative to HTTP but protected by the using of SSL or TLS protocol.                                    | -                                 | No                     | No                                    | Free           |           |                      | embedded            |           |
| IEC-60870-5-103                         | Protocol according to the IEC norm for Energy Management applications (SERIAL)  | Windows 95/98/2000 and Windows NT | No                     | Please call for interoperability form | Free           |           |                      | X                   |           |
| IEC-62056                               | The protocol IEC-62056-21 (also known as IEC-61107) concerns the direct local data exchange and describes how to use COSEM over a local port. | All devices supporting the norm   | No                     | No                                    | Free           |           | X                    | X                   |           |
| IEEE802-1X                              | This protocol provides an authentication mechanism to devices wishing to attach to a LAN.   | -                                 | No                     | No                                    | Free           |           |                      | X                   |           |
| KROHNE                                  | Various equipment   | BM70 – BM100 –TTM70               | No                     | No                                    | Free           | X         |                      |                     |           |

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|------------------------------|---|--------------------------------|------------------------|------------------|----------------|-----------|----------------------|---------------------|-----------|
| LANDIS & GYR                 |   | 709S                           | Internal (licence/CPU) | No               | Free           | X         |                      |                     |           |
| LANDIS & GYR                 | ZMC power measurement device  | ZMC                            | Internal (licence/CPU) | No               | Please call    | X         |                      |                     |           |
| MATH CUSTOM LIBRARY          | <i>Provides elaborated mathematical functions such as EXP, LOG, COS, SIN, ...</i>   | -                              | No                     | No               | Free           | X         | Embedded             | Embedded            |           |
| MATH CUSTOM LIBRARY 2        | <i>Enhanced version 2, extended floating point calculations and more....</i>  | -                              | No                     | No               | Free           | X         | Embedded             | Embedded            |           |
| MODBUS "ADDRESS TRANSLATION" | Modbus "Slave" protocol. It allows doing address translation on incoming requests   | -                              | No                     | No               | Free           |           |                      | X                   |           |
| MODBUS ASCII                 | ModBus ASCII Protocol   | All                            | Internal (licence/CPU) | No               | Free           | X         | Embedded             | Embedded            |           |
| MODBUS LONG                  | Enhanced ModBus protocol for satellite communication  | -                              | No                     | No               | Free           |           | X                    |                     |           |
| MODBUS OVER TCP/UDP          | ModBus RTU encapsulated in TCP or UDP   | All                            | No                     | No               | Free           |           |                      | Embedded            |           |
| MODBUS-RTU MASTER            | ModBus Master com.running in a separate task of regular ModBus transactions, allowing reading multiple formats in one transaction and dynamic changing of settings. | All                            | No                     | No               | Free           |           |                      | X                   | X         |
| NMEA (GPS)                   | GPS interface NMEA 0183 protocol  | GPS35-HVS                      | No                     | No               | Free           | X         | Embedded             | Embedded            |           |
| OMRON                        | Hostlink protocol in C mode   | Omron PLC Serial communication | No                     | No               | Free           |           |                      | X                   |           |
| NTPD                         | NTP Daemon  | -                              | No                     | No               | Free           |           |                      | X                   |           |
| ORBIT ADVANCED TECHNOLOGY    | Antenna Positionner   | -                              | No                     | Yes              | Free           | X         |                      |                     |           |
| OREGON SCIENTIFIC            | Meteo station   | WM-918                         | No                     | No               | Free           | X         |                      |                     |           |
| PASSTHROUGH                  | To access any serial device connected top TBox through a modem connection   | -                              | No                     | No               | Free           | X         |                      | X                   |           |
| PASSTHROUGH IP               | To access any serial device connected to TBox through a IP connection. Two modes are possible: "Terminal Server" and "Back-to-back Terminal"                        | -                              | No                     | No               | Free           |           | X                    | X                   |           |

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|-------------------------------|--|---|------------------------|------------------|----------------|-----------|----------------------|---------------------|-----------|
| <b>PING</b>                   | Send PING request to test a connection and measure the answer delay  | -   | No                     | No               | Free           |           | X                    | X                   |           |
| <b>PINTSCH ABEN</b>           | Energy systems (Railways app.)   | KE, ZE, VE models                             | Yes                    | No               | Free           | X         |                      | X                   |           |
| <b>PRIVA</b>                  | Building Automation Standard (The Netherlands)   | Various                                       | No                     | No               | Please call    | X         |                      |                     |           |
| <b>PROBEL</b>                 | Audio Video Matrix   | -   | No                     | Yes              | Free           | X         |                      |                     |           |
| <b>READSMS</b>                | Read incoming SMS message  | TBOX  | No                     | No               | Free           | X         | Embedded             | Embedded            |           |
| <b>RIOR</b>                   | Weighing devices   | AN3060  | No                     | No               | Free           | X         |                      |                     |           |
| <b>SAAB</b>                   | FC65   | Saab radar technology                         | No                     | No               | Free           | X         |                      |                     |           |
| <b>SIA/DC09</b>               | SIA Digital Communication Standard – Internet Protocol Event Reporting   | All devices supporting the norm               | No                     | No               | Free           |           |                      | X                   |           |
| <b>SIEMA</b>                  | Rail switching measurements  | 79560801                                      | No                     | No               | Call Siema     | X         |                      |                     |           |
| <b>SIEMENS</b>                | Communication Driver for Siemens S5 PLC's, directly connected to the PG port (programming port) - AS511 protocol | All S5 series:<br>95U, 100U, 115U, 135U, 150U | Internal (licence/CPU) | No               | Free           | X         |                      |                     |           |
| <b>SIEMENS (OBSOLETE)</b>     | Communication Interface for Siemens S7 - PLC's, emulation of MdBus RTU protocol                                  | All S7 series:<br>200-300-400                 | No                     | Yes              | ACC-S7MPI      | X         | x                    | X                   |           |
| <b>SIEMENS</b>                | ISO TCP  | All S7 series:<br>200-300-400                 | No                     | No               | Free           |           |                      | X                   |           |
| <b>SIEMENS</b>                | Videomatrix  | SIMATRIX                                      | No                     | Yes              | Free           | X         |                      |                     |           |
| <b>SIGNAL MANAGEMENT</b>      | Video matrix   | -   | No                     | Yes              | Free           | X         |                      |                     |           |
| <b>SIGNATURE</b>              | Irrigation Controllers   | All Signature Irrigation Controllers          | No                     | No               | Free           | X         |                      |                     |           |
| <b>SNMP</b>                   | SNMP Protocol. Supported modes: Client, Daemon, TrapSend, Trap receive   | Devices which support SNMP                    | No                     | No               | Free           |           |                      | X                   |           |
| <b>STANDARD COMMUNICATION</b> | Agile Satellite Receiver   | -   | No                     | Yes              | Free           | X         |                      |                     |           |
| <b>TA CONTROL</b>             | TA Vista SCADA package   | TA VISTA                                      | Internal (licence/CPU) | No               | Please call    | X         |                      |                     |           |
| <b>TRACEC</b>                 | ACEC (CEGELEC)   | -   | Internal (licence/CPU) | No               | Free           | X         |                      |                     |           |

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|---|---|-------------------|-----------------|------------------|----------------|-----------|----------------------|---------------------|-----------|
| TTG                                       | Fire Detection Central  | F 3500<br>TTG/VSK | No              | Yes              | Free           | X         |                      |                     |           |
| <b>VPN (as of OS 1.26 embedded in OS)</b> | Communication secured through tunneling using <b>Open VPN</b> | -                 | No              | No               | Free           |           |                      | embedded            |           |
| VSK ELECTRONICS                           | Fire detection system   | FALCON            | No              | No               | Free           | X         |                      |                     |           |
| WINTER ROTOR                              | Satellite Dishes Positionner                                  | AR/AE 1000        | No              | Yes              | Free           | X         |                      |                     |           |
| ZETTLER                                   | Fire Detection Central  | ZETFAS<br>1000    | No              | Yes              | Please Call    | X         |                      |                     |           |
|   |   |                   |                 |                  |                |           |                      |                     |           |

**MODBUS RTU (Master/Slave), ModBus TCP and TCP/IP (Master/Slave) are standard protocols, supplied free of charge**

# 1. Drivers to SCADA

| DRIVER NAME                  | Description   | Equipment                         | Protection Mode    | Special Hardware                             | Price in Euros                                | TBox CPU3 | TBox CPU16/LT /LP/WM | TBox MS32/-LT2/-TG2 | TBox Nano |
|------------------------------|---|-----------------------------------|--------------------|--|---|-----------|----------------------|---------------------|-----------|
| <b>CIMVIEW</b>               | Driver for CIMVIEW SCADA Software with <b>remote access support and historical database management</b>                      | Windows 2000, NT/XP, VISTA, 7, 10 | No                 | No   | Please call <i>Synthes in Belgium</i>         | X         | X                    | X                   |           |
| CITECT (OBSOLETE)            | Driver for CITECT SCADA Software with <b>remote access support and historical database management</b>                       | Windows 95 and Windows NT         | No                 | No   | <i>Please call IP-SYSTEMES France</i>         | X         | X                    |                     |           |
| <b>CONTROL MAESTRO</b>       | See " <i>Wizcon</i> " below   |                                   |                    |  |   | X         | X                    | X                   |           |
| <b>DNP3.0 "SLAVE"</b>        | DNP3, level 1+2   | DNP3                              | No                 | No   | <i>Free</i>                                   |           | X                    | X                   | X         |
| <b>DNP3.0 "SLAVE" SECURE</b> | SAv5  | DNP3                              | No                 | No   | Please call                                   |           |                      |                     |           |
| <b>DPT / DPT+</b>            | Special proprietary Protocol for <i>Gaz de France</i>   | -                                 | Internal (licence) | No   | Please call                                   | X         | X                    |                     |           |
| <b>DPT ENERGIE</b>           | Special proprietary Protocol for <i>Gaz de France</i>   | -                                 | Internal (licence) | No   | Please call                                   | X         | X                    |                     |           |
| FACTORYLINK (OBSOLETE)       | Special Modbus Protocol for Factorylink SCADA Software with <b>remote access support and historical database management</b> | Windows 95 and Windows NT         | yes                | No   | <i>Please call Cegelec Alstom for pricing</i> | X         |                      |                     |           |
| <b>IEC-60870-5-101</b>       | Protocol according to the IEC norm for Energy Management applications (SERIAL)  | Windows 95/98/2000 and Windows NT | No                 | <i>Please call for interoperability form</i> | <i>Free</i>                                   | X         | X                    | X                   |           |
| <b>IEC-60870-5-104</b>       | Protocol according to the IEC norm for Energy Management applications (TCP/IP)  | Windows 95/98/2000 and Windows NT | No                 | <i>Please call for interoperability form</i> | <i>Free</i>                                   |           | X                    | X                   | X         |
| IFIX (OBSOLETE)              | Driver for Intellution iFix SCADA with <b>remote access support and historical database management using OPC</b>            | Windows 95 and Windows NT         | No                 | No   | <i>Via TBOX OPC SERVER</i>                    | X         |                      |                     |           |
| <b>INDUSCREEN</b>            | Driver for Induscreen SCADA Software (local communic. only)   | Windows 95 and Windows N, ...     | No                 | No   | <i>Please call Ordinal France</i>             |           |                      |                     |           |

| DRIVER NAME                           | Description  | Equipment                                | Protection Mode        | Special Hardware | Price in Euros                                 | TBox CPU3 | TBox CPU16/LT /LP/WM | TBox MS32/-LT2/-TG2  | TBox Nano |
|---------------------------------------|--|--|------------------------|------------------|--|-----------|----------------------|----------------------|-----------|
| IN-TOUCH                              | Driver for Wonderware SCADA Software with <b>remote access support and historical database management</b>            | Windows 95 and Windows NT, ...           | No                     | No               | <i>Please call your Wonderware Distributor</i> |           |                      |                      |           |
| ITC - MODBUS                          | ModBus proprietary Protocol with security for <i>Gaz de France</i>   | -  | Internal (licence)     | No               | Please call                                    |           | X                    | X                    |           |
| LANDIS & GYR                          | TELEGYR SCADA SOFTWARE   | <i>Telegyr 065</i>                       | Internal (licence/CPU) | No               | Please call                                    | X         |                      |                      |           |
| LANDIS & GYR                          | TELEGYR TG8000 SCADA SOFTWARE  | <i>Telegyr 8000</i>                      | Internal (licence/CPU) | No               | Please call                                    | X         | X                    |                      |           |
| MOVICON                               | Driver for Induscreen SCADA <b>remote access support and historical database management</b>                          | Windows 2000, NT/XP                      | No                     | No               | <i>Please call Progea Italy</i>                |           |                      |                      |           |
| MQTT                                  | IIoT ( <i>Industrial Internet of Things</i> ), pushing data to a Broker (=server)                                    | -  |                        |                  | <i>Available Q3 2018</i>                       |           |                      | MS-CPU32-S2, LT2/TG2 | Q1 2019   |
| OPC UA                                | OPC Unified Architecture   | Windows 7, 10                            |                        |                  | <i>Available Q1 2019</i>                       |           |                      | MS-CPU32-S2, LT2/TG2 |           |
| PANORAMA                              | Driver for Panorama SCADA Software <b>remote access support and historical database management</b>                   | Windows 2000, NT/XP, VISTA, 7, 10        | No                     | No               | <i>Please call</i>                             | X         | X                    | X                    |           |
| P-VIEW (OBSOLETE)                     | Driver for Endress+Hauser P-VIEW SCADA Software with <b>remote access support and historical database management</b> | Windows 95 and Windows NT                | No                     | No               | <i>Please call your E&amp;H Distributor</i>    |           |                      |                      |           |
| SNMP                                  | SNMP Protocol. Supported modes: Client, Daemon, TrapSend, Trap receive   | Windows 2000, NT/XP, VISTA, 7, 10        | No                     | No               | <i>Free</i>                                    |           |                      | X                    |           |
| TOPKAPI                               | Driver for TOPKAPI SCADA Software with <b>remote access support and historical database management</b>               | Windows 2000, NT/XP, VISTA, 7, 10        | No                     | No               | <i>Please call Areal France</i>                | X         | X                    | X                    |           |
| WINLAB (OBSOLETE)                     | Driver for Winlab SCADA Software (local communication only)  | Windows 95 and Windows NT                | No                     | No               | <i>Please call Graf Elektronik Germany</i>     |           |                      |                      |           |
| WIZCON CONTROL MAESTRO – SERIAL       | Special Modbus Protocol for WIZCON SCADA Software – online communication only  | W2K, XP, VISTA, 7, 10 ModBus RTU version | No                     | No               | <i>Free</i>                                    | X         |                      |                      |           |
| WIZCON CONTROL MAESTRO – SERIAL/MODEM | Driver for WIZCON SCADA with <b>remote access support and historical database management</b>                         | W2K, XP, VISTA, 7, 10 ModBus RTU version | No                     | No               | <i>see pricelist</i>                           | X         | X                    | X                    |           |

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|--|--|--|-----------------|------------------|----------------|-----------|----------------------|---------------------|-----------|
| <b>WIZCON CONTROL MAESTRO – TCP/IP</b> | Driver for WIZCON SCADA with <b>remote access support and historical database management</b> | W2K, XP, VISTA, 7, 10 ModBus/TCP version | No              | No               | <i>Free</i>    | X         | X                    | X                   | X         |