

Connectors Catalog 2023

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1 OBJECT

The purpose of this document is the description of all existing connectors in the connectors catalog implemented in the IDboxRT product.

2 IDBOXRT CONNECTORS CATALOG 2023

In the following sections, the implemented connectors will be listed, classified by:

- *Industry Standards*
- *Proprietary protocols*
- *Protections*
- *Connectors to SCADAs*
- *IoT Connectors*
- *External Services*
- *Other connectors*

2.1 Industry Standards

- *MODBUS TCP*
- *MODBUS RTU*
- *MODBUS ASCII*
- *MODBUS RTU-TCP (Serie sobre Ethernet)*
- *OPC DA*
- *OPC DA2*
- *OPC XML DA*
- *OPC HDA*
- *OPC UA*
- *OPC AE*
- *PROFIBUS*
- *PROFINET*
- *EtherCAT*
- *IEC60870-101*
- *IEC60870-102*
- *IEC60870-103*
- *IEC60870-104*
- *IEC 61850*
- *DNP3*
- *ICCP/TASE.2*
- *Siemens S7*
- *CIP (Protocolo Industrial Común)*
- *ControlNet - una implementación de CIP, originalmente de Allen-Bradley*
- *EtherNet/IP - IP significa "Protocolo Industrial". Una implementación de CIP, creada originalmente por Rockwell Automation*
- *Rockwell ControlLogix (CIP)*
- *Rockwell DeviceNet*
- *Mitsubishi MelsecQ*
- *SNMP v1*
- *SNMP v2*
- *SNMP Traps*

- *Anuncios TwinCAT3*
 - *KNX*
 - *Moxa Serie a Ethernet*
 - *Protocolo abierto XAP*
-
- *X10 - Estándar abierto de la industria*

2.2 Proprietary Protocols

- *YOKOGAWA Data Loggers*
- *RTP*
- *MVD*
- *MBC*
- *Elitel*
- *DUPLINE - Carlo Gavazzi*

2.3 Protections

- *SEL Schweitzer Engineering Laboratories*
- *ZIV Procome V1*
- *ZIV Procome V3*

2.4 Connectors to SCADA and other systems

- *Osisoft PI*
- *Osisoft PI-AF*
- *Aspentech IP21*
- *Schneider Wonderware*
- *Schneider Citect*
- *OVATION*
- *Siemens Simatic WinCC*
- *Siemens PCS7*
- *Honeywell PHD*
- *IBM Watson*
- *IBM Maximo*
- *SAP PM*
- *Fujitsu Service Now*

2.5 IoT Connectors

- *MQTT*
- *RabbitMQ*
- *BACnet/IP*
- *Farrell Instruments*
- *Sentilo*
- *IGS*
- *Itron*
- *PowerTech Smart Meters*
- *Sofrel*

- *Live Blue Pulse*
- *Sigfox*
- *LoRa*

2.6 External Services

- *REE (Energy Pricing)*
- *Energy demand*
- *Open Weather Map*
- *Google Services*
- *Traffic Loop*
- *YQL (Yahoo Query Language)*
- *Currency Exchange*
- *Commodity Pricing*
- *Fuel Pricing*
- *CSN (Nuclear Security Council)*
- *Twitter*
- *Quandl*

2.7 Other Connectors

- *WMI*
- *XML File Reader*
- *File Reader*
- *File Reader FTP*
- *Zabbix IT Monitoring*
- *Comtrade*
- *API POST JSON*
- *MS SQL Server*

- *Oracle*
- *MySQL*
- *ArcGIS Server*
- *MS Excel*
- *MS Navision*
- *MS Sharepoint*
- *FoxPro*