**Multi Protocol Server 10000**

for bidirectional exchange of different protocols of different systems. Installation on a server including driver for the manufacturer's parameterisation and network visualisation software.

Compatible with the "Standard" and "Expert" editions as well as the "Service" and "Ultimate" editions of the manufacturer's parameterisation and network visualisation software.

The installation of the manufacturer's parameterisation and network visualisation software including background service is required for connection.

Scope of services:

- 10000 data points

Interfaces and interface functions:

OPC

- OPC UA interface for OPC clients from third-party manufacturers, e.g. visualisations from third-party suppliers, etc.

- OPC DA interface for integration of data points from third-party OPC servers, e.g. fire alarm systems, Cluster Explorer for easy import, central aggregation of data from different sub-servers into the Multi Protokol Server

BACnet

- BACnet / IP Server interface for third party BACnet clients, mapping of different data points (e.g. KNX, Modbus, SNMP, Fidelio/Opera, VingCard, etc.) to BACnet objects, Supports COV subscription, Automatic or manual selection of object types, Configuration of read/write or read-only access possible.

- Use of BACnet/IP protocol to integrate any BACnet/IP device.

- Other BACnet media (e.g. BACnet MS/TP devices) can be integrated via BACnet/IP routers.

- BACnet Explorer for automatic detection of devices and objects without the functions required for external tools.

- Multiple BACnet priorities can be used simultaneously

- Supports confirmed/unconfirmed COV subscription, unsolicited COV notification and device polling.

- Supports BBMD & proprietary BACnet objects

SNMP V1, V2 and V3

- Query SNMP objects via their OIDs

- Writing of SNMP objects

- Supports SNMP traps

- SNMP device monitoring

MQTT interface

- Communication with one or more MQTT brokers

- Supports TLS security

- Publish / subscribe to MQTT topics

Modbus

- Supports Modbus/TCP protocol for integration of Modbus/TCP devices

- Supports Modbus/RTU via Modbus/TCP gateways or via IP-to-RS485 converters (native Modbus/RTU via TCP or UDP)

- Manufacturer-specific configuration possible

Other interfaces on request.

System requirement (minimum requirements):

- CPU: Intel or AMD - 1.8 GHz (multicore recommended)

- RAM: 8048 MB

- Hard disk: 32GB; 64 GB recommended

- Ethernet interface: 100 MBit/s

- Resolution: 1280 x 1024

Supported operating systems:

- Windows 7 - SP1 (32 bit ǀ 64 bit)

- Windows 8 (64 bit) ǀ Windows 8.1 (64 bit)

- Windows 10

- Windows Server 2008 R2 (32 bit ǀ 64 bit)

- Windows Server 2012 ǀ 2012 R2 (64 bit)

- Windows Server 2016 (64 bit)

Manufacturer: Janitza electronics GmbH

Type: Multi Protocol Server 1000

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