

## OPC Server for MBus

The Software application "OPC Server for MBus" allows OPC Clients to retrieve information and data from MBus compatible networks and devices.

With a simple engineering process the application can retrieve data on a scheduled basis from devices such as heat meters, water meters and electricity meters.



### Features and functions

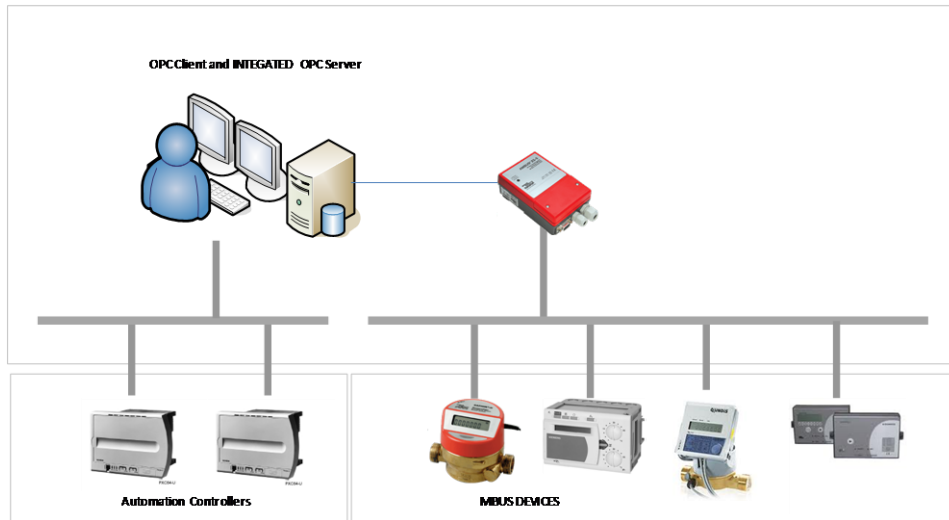
- **MBus supported functions**  
The Software application runs on the OPC Client PC and connects via RS232 or RS485 to the MBus Master. The Software application retrieves data using Primary Addressing from the engineered devices using the MBus commands SND\_NKE if configured in the engineering and REQ\_UD2.
- **OPC Server supported functions**  
The OPC Server supports DA version 2.0a and browser functions.
- **Engineering Process**  
The Software application uses a very efficient engineering process to allow non-MBus experts to quickly and simply gain communications to their device and to build an engineered Application with all the necessary OPC Tags.
- **Schedules Communications**  
The Application allows a scheduled based communications method of the MBus Network. Schedules available are "Continuous", "Minute", "Hourly", "Daily", "Weekly" and "Monthly". Each of which are configurable.
- **TAG Data-point Mapping**  
The MBus Device Information such as energy usage, Water Temperatures are mapped to OPC Tags.
- **System and Device Status**  
The Application includes OPC TAGS to show the system state such as the polling mechanism configured and the device that is being requested and device identification.
- **Logging facility**  
In order to ensure recorded information, a logging facility is included with the solution. This feature can be enabled or disabled as required.
- **System Tray Operation**  
The application resides in the System Tray with an icon representing the system state, as well as a quick menu to show the polling method and state, device request and system events.
- **More information**  
Simply visit our web site [www.integrated.ch](http://www.integrated.ch) for access to our demo version software; datasheet, engineering guidelines and configuration file plus links to other relevant software drivers.

### Product Ordering codes

<b>OPC Server for MBus</b>	OPC-MBUS-005
<b>OPC Server to MBus Master Communications Cable</b>	iPC-MBUS-CAB
<b>OPC Server Embedded Controller</b>	EPC-ANYD-203

## OPC Server for MBus

System Topology using the combined OPC Client and Server



## Product Notes

## Product Specification Summary

The OPC Server software solution supports DA 2.0a, 3.0 and browser functions  
The solution was developed and tested by INTEGRATED using test programs and many Mbus devices.  
Current Tested Clients : MBS, MATRIKON, Sauter novPro OPEN, Citect 5.5 SCADA and Siemens DESIGO INSIGHT