

# Axeda Supervisor

Software for the visualisation of data from Bender systems



Axeda Supervisor

## Device features

- Easy representation of Bender monitoring systems on standard computers (PC)
- Application-specific graphic visualisation
- Presentation in website format
- Extensive alarm handling
- Alarm lists, history memory, diagrams
- Customer-specific programming services

## Product description

Axeda Supervisor is a powerful software for the visualisation of Bender systems utilising a BMS interface via gateways on a standard PC. For this purpose, the computers are equipped with a runtime version of the Axeda Supervisor software. Suitable gateways are FTC470XET, FTC470XMB and the BMS OPC server. Axeda Supervisor runs under the operating systems Windows NT, Windows 2000 und Windows XP Professional.

There are different versions of Axeda Supervisor available:

- Demo version
- System Integrator Kit with a two-hour development time
- Development versions for 100, 300, 500, 2000,10000 and 65000 tags
- Runtime versions for 100, 300, 500, 2000,10000 and 65000 tags

The version is determined via a dongle for USB or the parallel port.

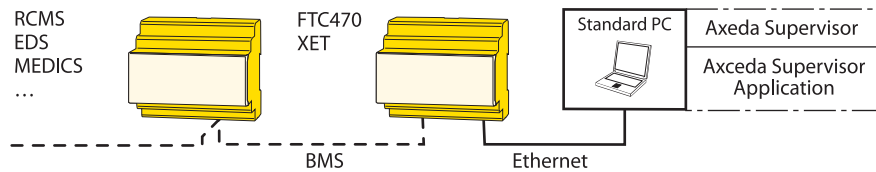
It can also be run on a Touch Panel.

## Communication structure

Suitable data sources are Bender gateways FTC470XET, FTC470XMB and the BMS OPC server.

### FTC470XET:

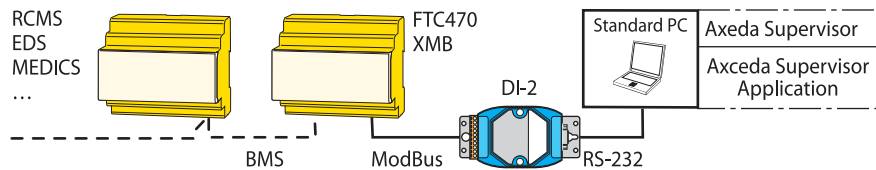
Alarms and measured values from Bender systems are passed to the internal OPC server which makes them available as OPC items. The software Axeda Supervisor installed on the PC contains an OPC client which receives the data from the OPC server. The graphics module of Axeda Supervisor allows application-specific data representation.



### FTC470XMB:

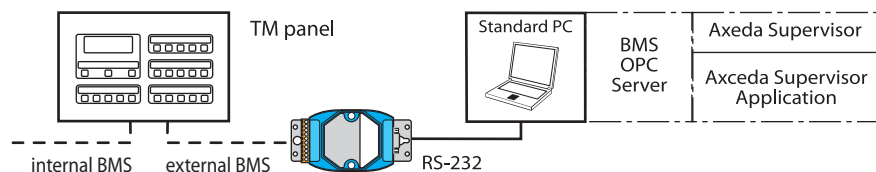
Alarms and measured values from Bender systems are converted into a Modbus RTU protocol and are stored in the registers of the FTC470XMB. In this way, one FTC470XMB can display data of 10 BMS-capable Bender devices.

The software Axeda Supervisor installed on the PC contains a Modbus RTU driver which, as a Modbus master, is capable of reading out data from the respective registers of the FTC470XMB. The graphics module of Axeda Supervisor allows application-specific data representation.



### BMS OPC server:

The BMS OPC server is installed on a PC as software and connected to the Bender system via the DI-2 interface converter. Controlled by a configuration file, the OPC server only provides alarms from the external bus of the Bender system as OPC items. The software Axeda Supervisor installed on the PC contains an OPC client which receives the data from the OPC server. The graphics module of Axeda Supervisor allows application-specific data representation.



1.8.5

**Programming check list**

The visualisation of a Bender system is not offered as a standard product with a specified scope of performance and price. However, for each case, application-specific configuration is required.

During the projecting stage of visualisation, the Bender service department will assist you starting from the first planning to the creation of a customer-specific application. The most important questions to be answered:

- Internal or external BMS bus
- Number and type of all connected BMS-capable Bender devices
- Bender device address assignment
- Selection of the appropriate gateway
- Gateway configuration
- Determination of the number of application tags required
- Selection of the PC and the appropriate operating system
- Selection of the Axeda Supervisor version based on the number of application tags
- Determination of suitable additional components, such as hubs or switches and cables
- Design of an application-specific representation
- Price calculation

**Product overview**

**Type**

Axeda	Demo version
Axeda	System Integrator Kit with a two-hour development time

**Axeda development versions**

100 tags
300 tags
500 tags
2000 tags
10000 tags
65000 tags

**Axeda Runtime versions**

100 tags
300 tags
500 tags
2000 tags
10000 tags
65000 tags

Scope of delivery:	CD, Dongle
System requirements:	Windows 2000, XP
	<ul style="list-style-type: none"> <li>• Intel or compatible processor providing at least 1 GHz clock frequency</li> <li>• At least 256 MB RAM</li> <li>• 500 MB of free hard disk space</li> <li>• CD Rom or DVD drive</li> <li>• Graphics card providing a storage space of 8 MB at least</li> <li>• Screen resolution of 800 x 600 pixels or higher</li> <li>• USB or printer connection for the dongle</li> </ul>

**Typical display**



**1.8.5**