

# Flexible system communication for monitoring your electrical installations



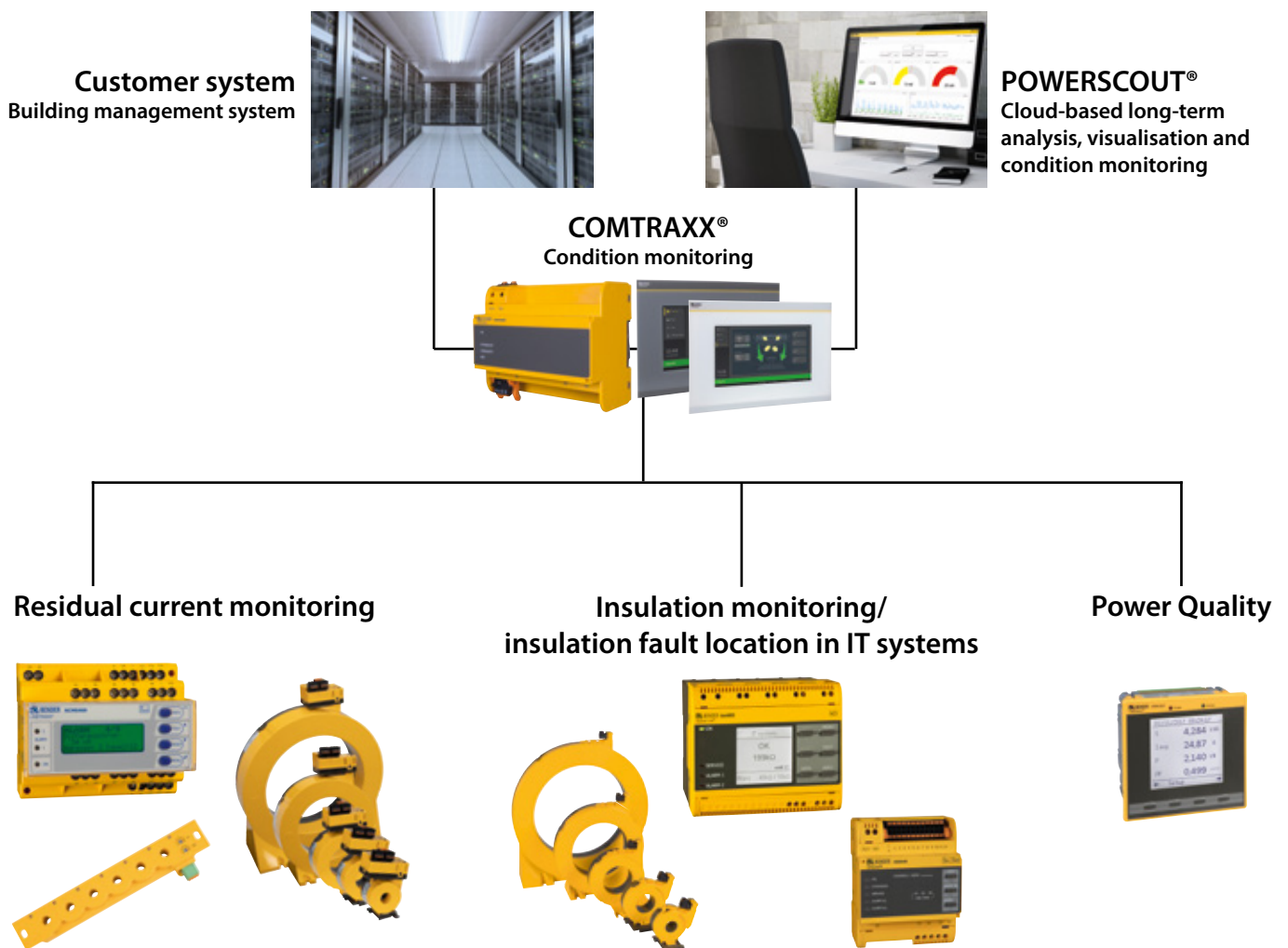
# Flexible system communication – everything in view

## Perfect system overview through fast information exchange and flexible integration of devices

Keep an eye on the system state of your electrical installation: The communication solutions from Bender use a condition monitor and can be integrated into the existing IT structure like any other Ethernet-capable device. This is done via integrated interfaces and offers the flexibility to integrate third-party devices into the system along with the Bender devices.

The web interface makes checking and setting measured values, parameters and all other data simple and intuitive. It can be used to report and visualise alarms and to generate individual overview pages using the visualisation application.

## Schematic overview



Click on our products for more information.

# Advantages of the Bender interfaces

## BMS

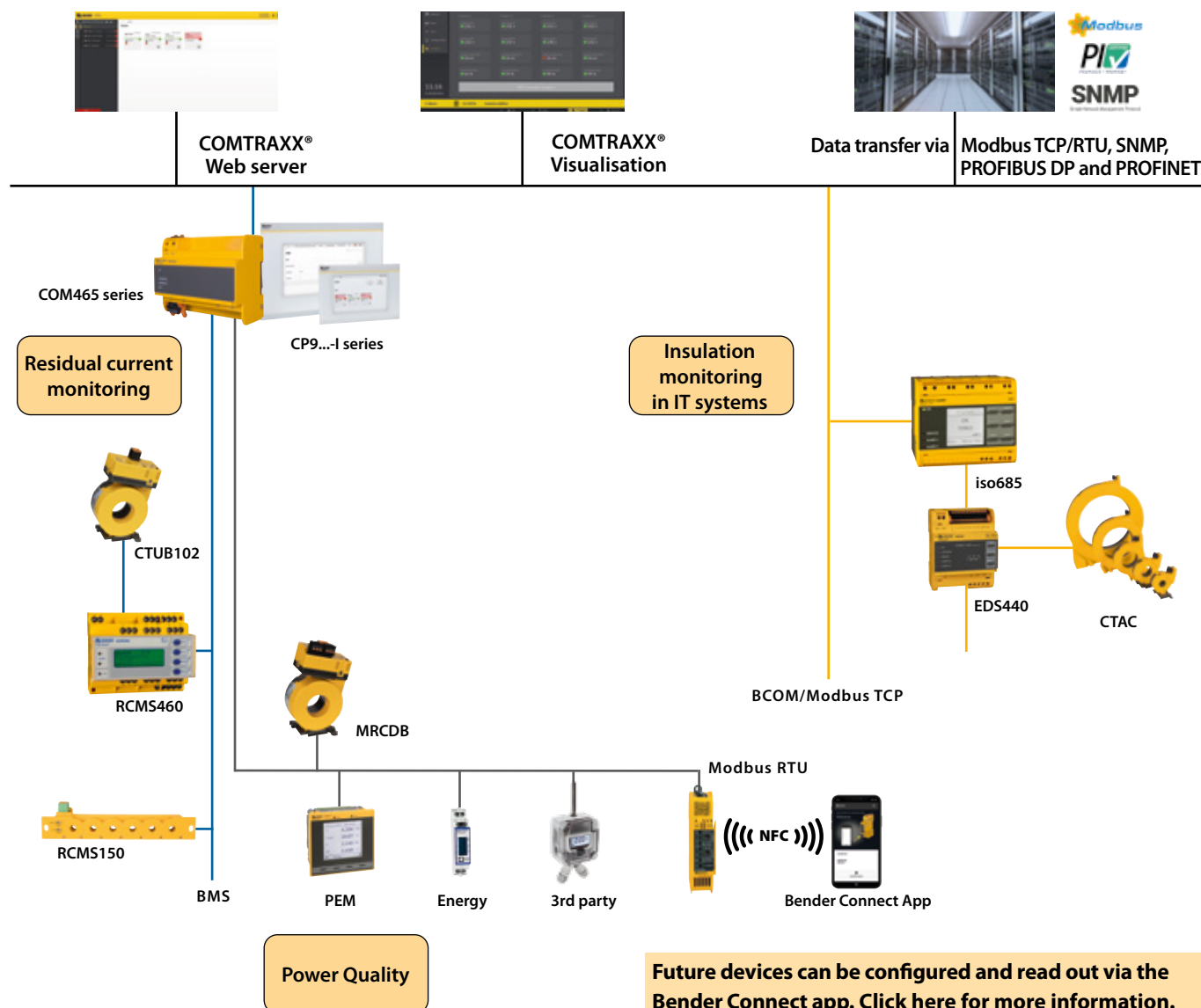
BMS stands for Bender measuring device interface. It is an RS-485 interface with a protocol which has been especially developed for Bender devices. The BMS bus cyclically transmits alarm and operating messages. In addition, the protocol contains commands for querying and changing device parameters as well as various control commands.

BMS is a proprietary bus that does not allow any other communication on the 2-wire line.

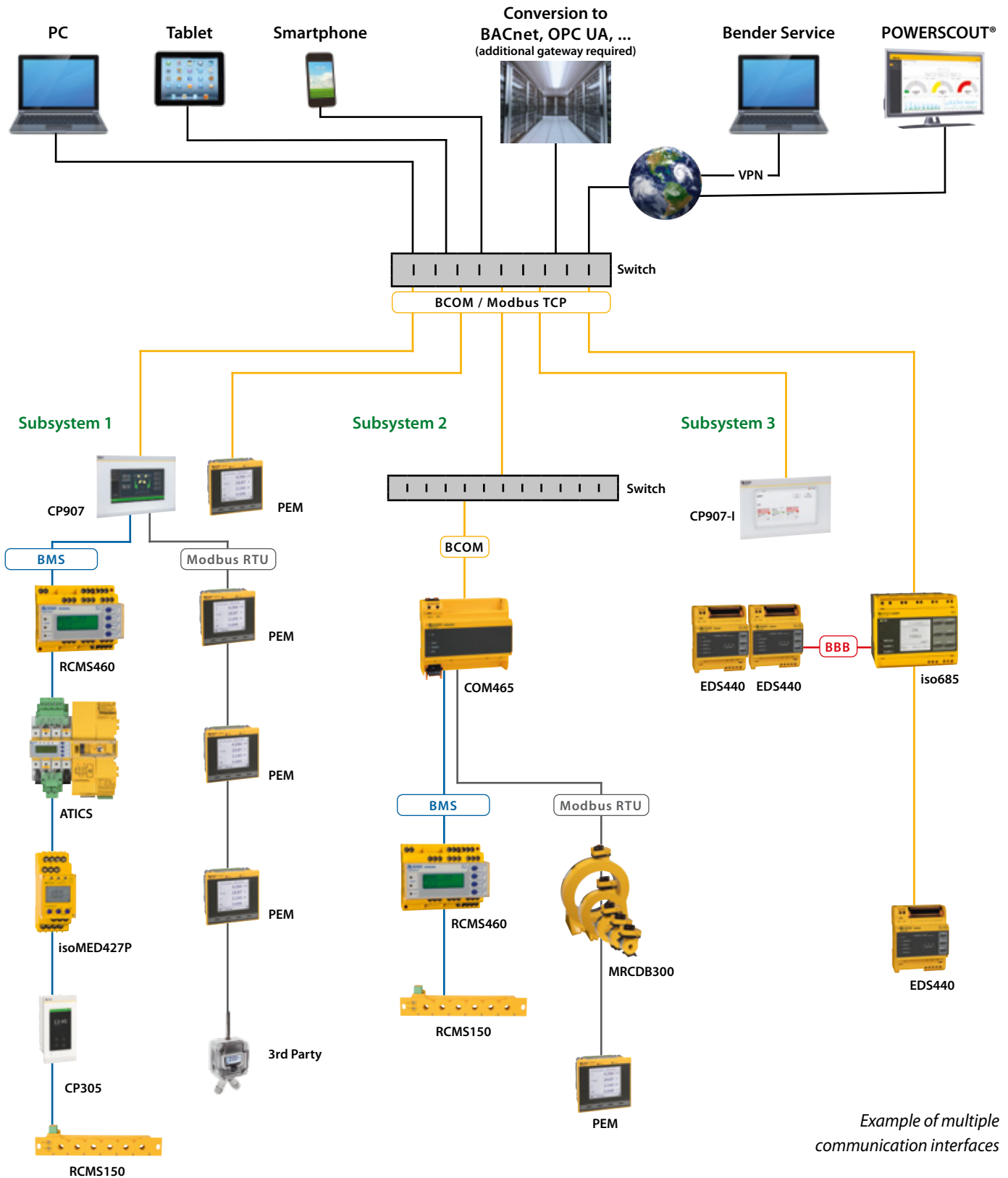
## BCOM

BCOM is a protocol for the communication of Bender devices via an IP-based network. Communication is based on standard Ethernet hardware, TCP/IP or UDP/IP protocol and other standardised network services. The Bender devices can communicate in parallel with the office communication and use the same infrastructure. BCOM does not restrict other standard communication on the same network.

## High integration of different bus systems and protocols



Future devices can be configured and read out via the Bender Connect app. [Click here for more information.](#)



**Note: Please contact us at any time for personal support in planning and implementing your specific requirements.**



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