

EMU M-CENTER

Where measurement data informs decisions.
One hardware platform linking metering
technology and digital applications.



Your benefits at a glance

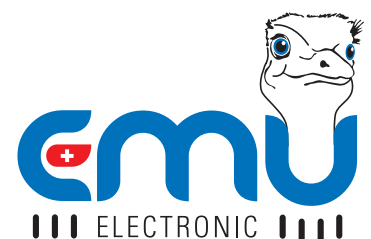
- All inputs – M-Bus, Modbus RTU and Modbus TCP
- From control cabinet to data centre
2x Ethernet + integrated LTE modem
- Easy commissioning
Web browser access without local PC software,
encrypted Joulio Web connection, automated meter
discovery, plug-and-play drivers and VPN
- Connecting existing systems and the future
Integrate metering devices from different makers
into legacy or cloud data infrastructure

All outputs – MQTT, BACnet IP, Modbus TCP, API,
(s)FTP, CSV, JSON, Excel and email.
Simultaneously serving energy management, building
automation, billing and cloud applications

- Reduce complexity
A central hub for meters and applications, with
simpler commissioning and validation and a smooth
handover from installer to end user
- Hardware with ample capacity for the future.

Technical specifications

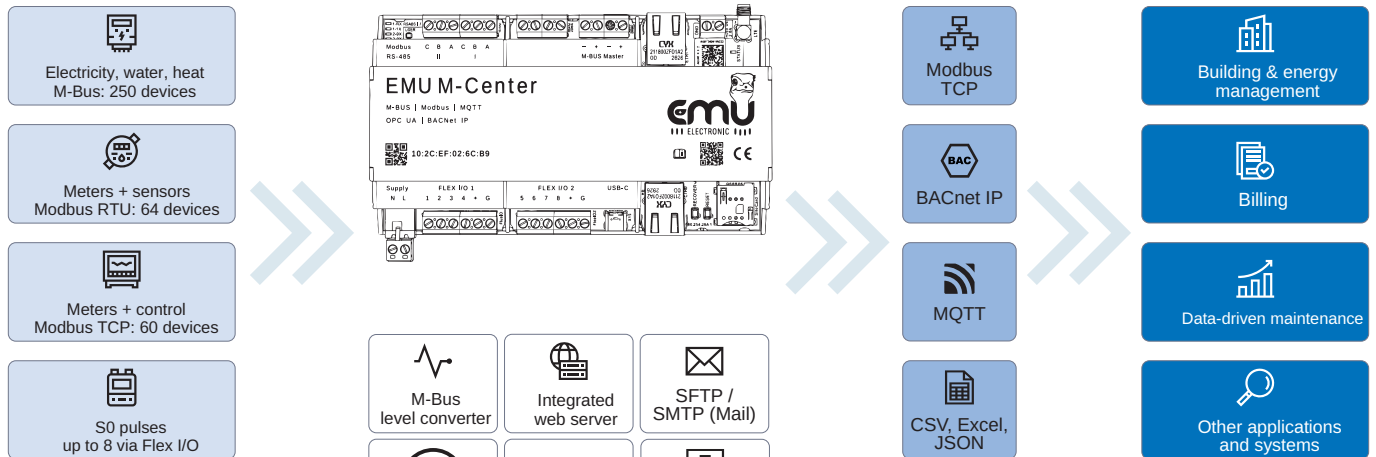
- M-Bus: up to 250 devices, integrated
high-performance level converter,
max. 1,600 mA
- Modbus RTU: 2x RS-485,
up to 64 devices
- Modbus TCP: up to 60 devices
- Power supply: 230 V AC / 24 V DC
- 2x Ethernet ports
- Cellular: SIM card, LTE
- Formats: CSV, JSON, Excel
- Protocols: MQTT, BACnet IP,
Modbus TCP, API, email, (s)FTP



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FROM DIVERSITY TO UNITY

From metering point to application



The EMU M-Center excels where diverse metering systems meet modern data platforms:

- Industrial facilities
- Production buildings
- Multi-family buildings with ZEV billing
- Tenant electricity
- Infrastructure projects

Measurement data that adds value

All connected meters and sensors are read automatically at regular intervals. Failed readouts are detected and logged. Error flags, communication faults and outliers are continuously monitored. Both live and historical data are available at the same time.

Swiss technology. Personal support.

For over 35 years, EMU Electronic has developed energy meters and energy management solutions in Switzerland. Our specialists support planning, integration and commissioning – especially when different meters, communication protocols and software systems come together.

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