

MetronM

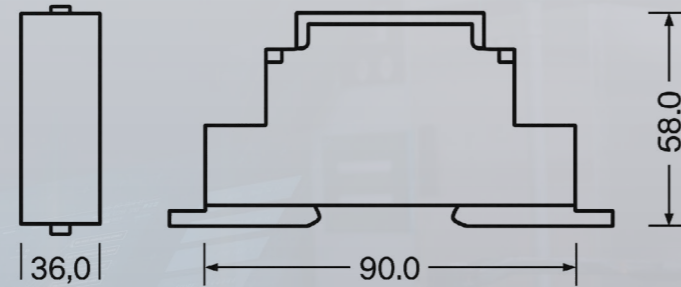


Multi-purpose IIoT gateway delivering rich, reliable, digital data via RS485 Modbus RTU from PLCs, meters, HMIs, smart sensors, drives and machines.



MetronM Key Facts

- RS485 Modbus RTU interface able to poll 32 slots/slaves, each for 8 registers and apply scaling & offsets
- 4 digital/pulse inputs (volt-free contact). >50mS pulse width (negative edge triggered)
- 2 digital outputs
- Supplied with a complete data package including versatile web portal
- Global, multi-network sim card 4G (LTE-M & NB1) & 2G connectivity (5G enabled). Advanced retry and network agile algorithms
- Data transmission configurable from 5 minutes to 24 hours
- 5 LEDs for local feedback: inputs, outputs & communications
- Force transmit via recessed pushbutton for easy testing
- Remotely programmable
- USB interface for diagnostics
- DIN rail mount
- 5Vdc powered (3A max)

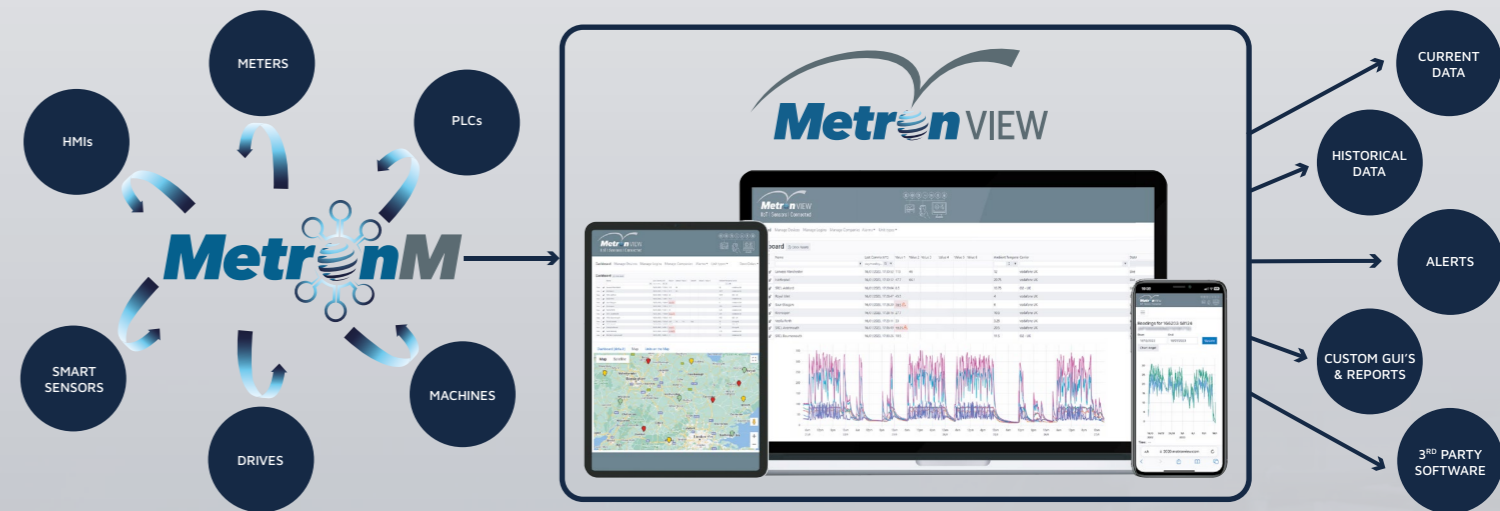


Modbus is an open, royalty-free industrial communication protocol used in billions of devices.



What is MetronM?

MetronM is a multi-purpose IIoT gateway, ideal for metering, machine monitoring and delivering rich data from smart sensors. It acts as a master, using RS485 Modbus RTU to collect data from a broad range of slaves, including PLCs, meters, HMIs, smart sensors, drives and machines.



This rich, reliable, digital data is collected and transmitted via mobile phone networks to PowTechnology's versatile MetronView platform, creating alerts and actionable insights to improve productivity, sustainability, compliance, safety and other key performance areas.

Data can be collected via a simple API for further processing in enterprise ERP and application-specific software for production, maintenance, purchasing and logistics planning.



35 years providing remote monitoring and data driven solutions, merging IT and OT

PowTechnology make it simple for customers to connect sensor and machine data to the cloud. We use advanced technologies like AI, edge processing and anomaly detection to deliver solutions that drive efficiency, reliability, safety and sustainability.

We're a Siemens Solution Partner and ISO9001/ISO27001 certified. Quality, security and sustainability are at the heart of everything we do.

We work with businesses of all sizes, from start-ups to global multinationals and our solutions are trusted across a wide range of industries all over the world.

Let us help you:

- Lower operational & energy costs
- Prevent breakdown
- Maximise resource
- Comply with legislation
- Introduce new revenue streams
- Improve service
- Differentiate yourself from competitors

SIEMENS

**Solution
Partner**

Please get in touch.