

CONTROL ENERGY DASHBOARD



The EMI-20 is the hardware that, installed at the Customer, enables the Cloud ConSight service.

This solution allows the monitoring and management of electricity remotely, from any device (PC, Laptop, Tablet, Smartphone)

EMI-20

FEATURES

PURPOSE OF SERVICE

- Cloud energy management software

BRIEF DESCRIPTION OF SERVICE

- Cloud-based software to improve the energy efficiency and sustainability of the system
- Access consumption and measurements by user, area and single meter
- Reports showing key energy metrics

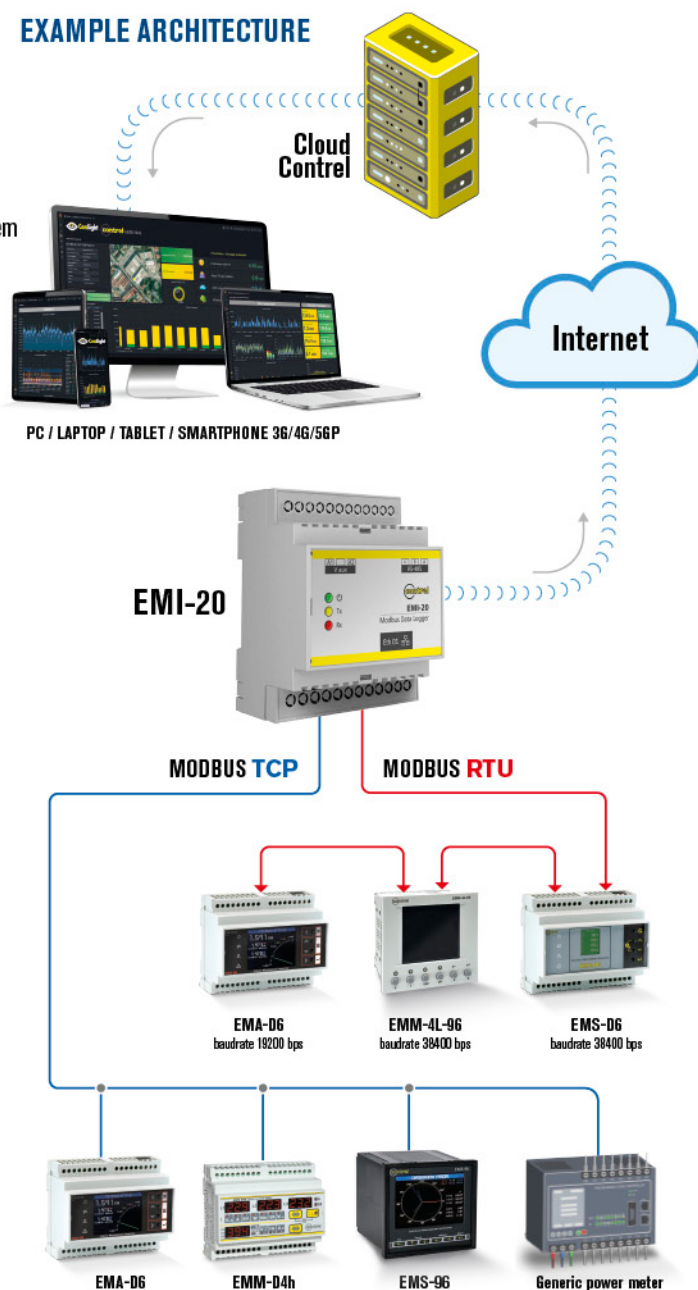
DESCRIPTION OF SERVICE

- Zero configuration on the customer side
- Independent of the type of internet connection: fixed, mobile
- Monitoring of general consumption, utilities, areas and individual meters
- Monitoring of general electrical values, types of users, areas and energy meters
- Data recording forever (online, offline)
- Local data collection in the absence of internet connection, with automatic realignment upon internet reconnection
- Consumption levels tracked during settable periods
- Capability for multi-site comparisons
- Reports
- Modbus RTU queries with different speeds for each device on the RS-485 bus
- Simultaneous management of Modbus TCP and Modbus RTU devices
- Data via the internet exclusively encrypted
- Network configuration of the EMI-20 gateway through Wi-Fi Access Point or automatic if DHCP

BENEFITS OF THE SERVICE

- Gain a deeper understanding of energy uses
- Use multi-site comparison to identify underperforming sites
- Save time by avoiding manual tasks
- Promote a sustainable image
- Easy access to data anywhere

EXAMPLE ARCHITECTURE



Example screenshots

Our dashboard provides intelligent visualization of a facility's energy and power data, transforming it into actionable information that can be leveraged to improve availability and reliability while delivering operational and cost savings.

