Industrial Energy Management

OEM Solution with VerifEye™ Series 600 Meters

Easy-to-install meter for custom panel applications offers a variety of interface options for data collection with the VerifEye™ Series 6000 Panel Mount Meter.

The VerifEye Series 6000 Panel Mount Meter offers a cost-effective, straightforward interface for quick-and-easy installations in OEM panel shop applications. With a full data set of metering parameters, including power quality measurements, these meters are ideal for use in a broad range of industrial applications. The meters fit in a standard 92mm x 92mm panel mount cutout and utilize smart, auto-ranging Split Core and Rogowski coil current transformers, covering a broad range of applications. Their form factor and panel mount design make them ideal for integration in power distribution panel applications.

CHALLENGE

Custom Panel Shop requires low-cost, easy to install meter for OEM energy monitoring solution.
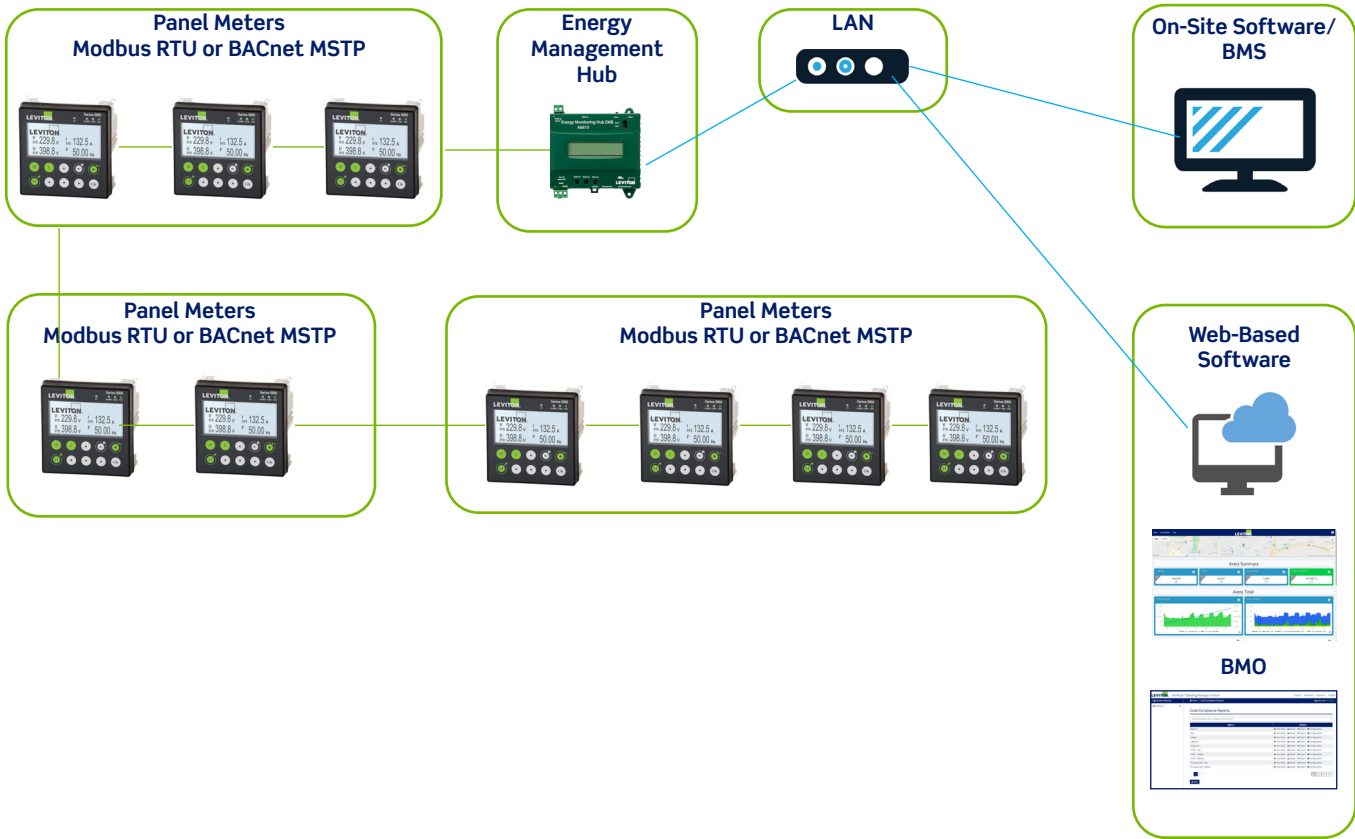
- Project is driven by cost and ease of integration
- Power quality monitoring is needed
- Meter must be compatible with variety of platforms for energy monitoring

SOLUTION

VerifEye Series 6000 Industrial Panel Mount Meters offers an integrated panel solution with plug-and-play peripherals.

- Meter is integrated into a panel at the source eliminating the need for external mounting and wiring
- Monitors a comprehensive set of electrical parameters for industrial applications
- The Series 6000 meters are available with either a Modbus RTU (RS485) or Modbus TCP (Ethernet) interface
- Ease of integration with standard snap in mounting, auto-ranging CTs, and configuration wizard.

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VERIFEYE SERIES 6000 INDUSTRIAL PANEL MOUNT METER—CUSTOM PANEL

Panel Meters
Modbus RTU or BACnet MSTP

Energy Management Hub

LAN

On-Site Software/ BMS

Panel Meters
Modbus RTU or BACnet MSTP

Panel Meters
Modbus RTU or BACnet MSTP

Web-Based Software

BMO

WHAT YOU WILL NEED

VERIFEYE SERIES 6000 INDUSTRIAL PANEL MOUNT METER —CUSTOM PANEL	QTY
VerifEye Series 6000 Panel Mount Meter | 60P00 or 61P00 Full data set of metering parameters including power quality measurements	**Varies**
Energy Monitoring Hub (EMB) | A8810-000 or A8810-PS1 Connect thousands of energy points and benchmark energy usage via the web	**1 per site, typical**
Series 6000 Split Core CTs | CTS1A-K10, CTS2B-G14, CTS3C-G21 CTS6D-G32 Revenue-grade performance for a broad range of applications	**3 per meter**
Series 6000 Rogowski CTs | CRS4K-WRL, CRS6K-WRM CRS6K-WRN Revenue-grade performance for a broad range of applications	**3 per meter**
VerifEye Building Manager Online (BMO) Base Module Software | BMOSW-050 + BMOSW-MTR Summarizes energy information to identify consumption and demand patterns in defined time intervals	**Varies**

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