

Data Center Energy Monitoring

Energy
Monitoring and
Management
with VerifEye®
Series 7000
Meters

Strategies for precise monitoring of data center energy usage can generate substantial cost savings with the VerifEye® Series 7000 Meters.

Data center energy management requires a multi-pronged approach, as multiple factors, like the servers and temperature controls, significantly impact the energy usage of individual areas within the facility. Data centers offer a unique opportunity for active energy management to allocate costs across different areas, spot anomalies or problems and identify opportunities for energy savings. VerifEye Series 7000 Meters and Building Manager Online offer a cost effective solution for electrical load management for data center applications.



CHALLENGE

Data center facility desires a submetering solution to monitor power and demand at peak for the whole facility.

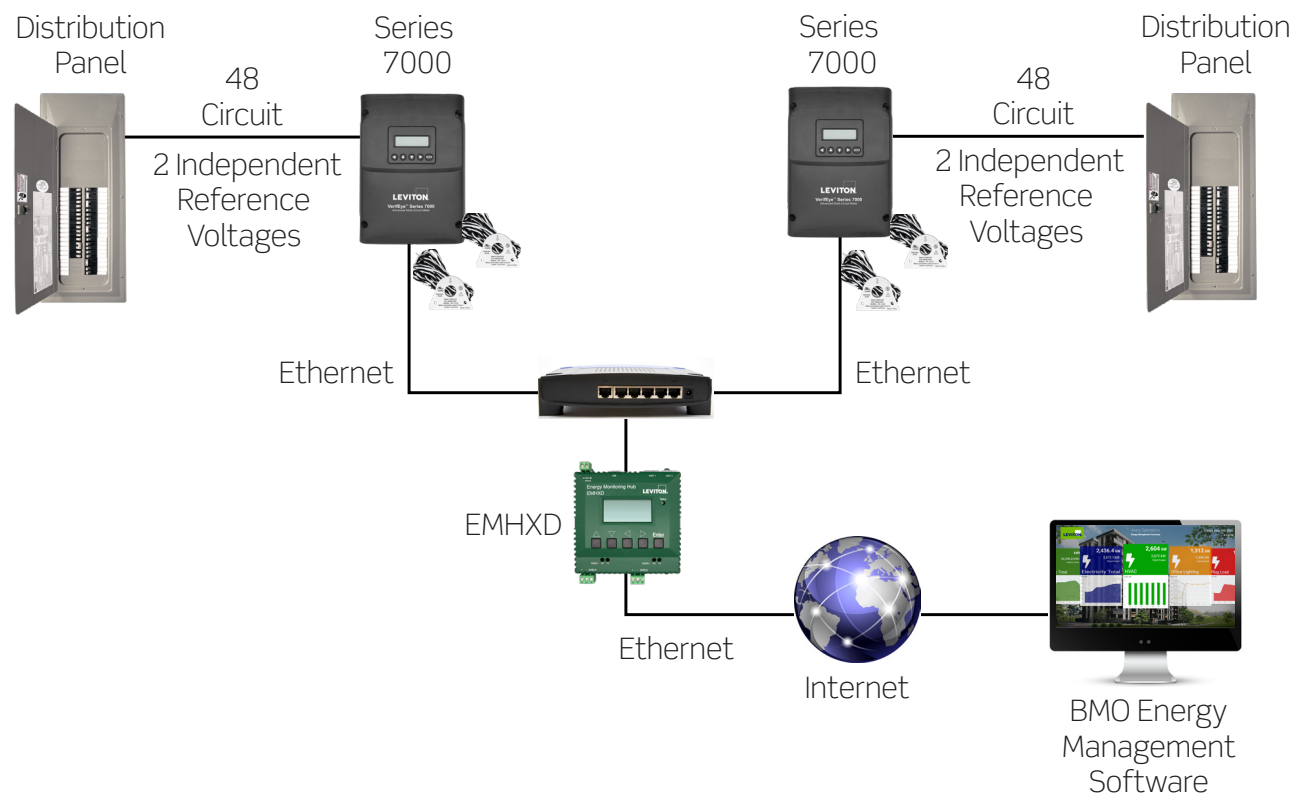
- Data center facility managers want to monitor server demand along with individual department energy usage
- Renovating the building is costly and create a disruption to service
- Requires real time power monitoring

SOLUTION





VerifEye Series 7000 Advanced Branch Circuit Monitor offers electrical load management for high density branch circuit monitoring applications.

- The Series 7000 monitors up to 48 branch circuits with one single meter
- Uses solid core or split core CTs for easy wiring without having to re-wire the building
- Monitors current, voltage, instantaneous power, demand and energy consumption of each circuit and offers user-configurable alarm thresholds for improved load management

VERIFEYE SERIES 7000 ADVANCED BRANCH CIRCUIT MONITOR — DATA CENTER



WHAT YOU WILL NEED

VERIFEYE SERIES 7000 ADVANCED BRANCH CIRCUIT MONITOR—DATA CENTER		QTY
	VeriEye Series 7000 Branch Circuit Monitor 71D48 71D24 71D12 71D03 Monitors current, voltage, demand and energy consumption of each circuit in a panelboard	Varies
	Data Acquisition Server EMHXD Collect all the data for use in the energy management software	
	Current Transformers CDVxx CTVxx CRV50 Used for accurate measurement of electrical and power consumption circuits	
	VeriEye Building Manager Online (BMO) BMOAR BMOAR Allows stakeholders to readily access and understand energy usage	