

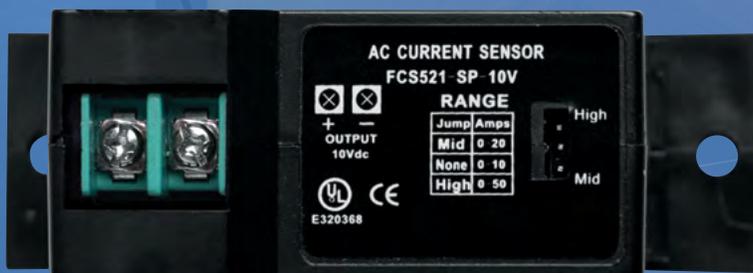
application ideas

WHY BUILDING INSIGHTS MATTER: SUBMETERING

ENERGY MONITORING SOLUTION

POE-CTM

- ▶ REAL-TIME GAUGES & HISTORICAL TRENDS
- ▶ GROUP DEVICES INTO ZONES
- ▶ AUTOMATED ALERTING VIA TEXT OR EMAIL
- ▶ REPORTS OF ALERTS





Submetering provides critical insights for effectively managing intelligent buildings and spaces from both an overall property perspective as well as for individual tenants. Often the first indication of a facility running out of specification is an unexplained change in energy usage.

While submetering is often just viewed as a means for billing individual tenants their portion of energy consumption, in reality, it can provide many key insights as to how a facility is operating. Automated analysis of both real-time and trend energy usage data provides operators the necessary tools to proactively manage properties.

There are many forms of submetering capabilities and approaches depending on the requirements and application of the data. For example, the Platformatics lighting system inherently measures and reports the energy consumed by the PoE lighting system. Additional sensors can be integrated directly into the Platformatics system to provide energy monitoring capabilities outside of the lighting system itself.

If needed for actual billing purposes, revenue-grade submeters can be deployed to provide accurate metering while continuing to provide real-time energy data.

Platformatics Connect software simplifies collecting and responding to energy data. After deploying submeters throughout a building, important data is securely collected, time-stamped, and stored. When energy usage changes beyond certain thresholds, alerts can be sent to appropriate personnel. Trend data can be analyzed for determining peak load times and optimizing building operations to minimize excess demand charges. These analytics and alerts provide the necessary insights to effectively and efficiently manage a facility. Energy management is a primary cornerstone requirement for adding LEED points.

Beyond alerting and demand-based response, the data collection enables graphs and gauges for display, historically and in real-time. With insight into your building, you can be confident your facility is operating as designed and at peak efficiency.



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