

PowerImaging™

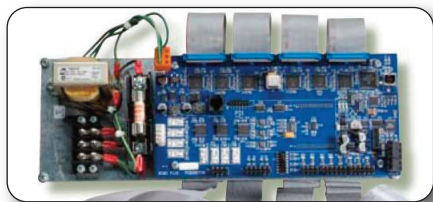
Featuring Power Metering and Branch Circuit Monitoring



SYNAPSENSE
Wireless Instrumentation Solutions

SynapSense PowerImaging™ with power metering and our newest feature, Branch Circuit Monitoring (BCM) is providing data center operators robust tools to further improve energy efficiency. Power metering is utilized to measure the cooling infrastructure and overall IT load. Branch Circuit Monitoring enables circuit-level monitoring to capture power by rack or cabinet. It supports IT load balancing and capacity management.

Branch Circuit Monitoring



The PDI BCM solution interfaces via split-core CTs with PDU circuit panels or RPPs and supports up to two 42-circuit panels. BCM is used to monitor individual circuits to prevent overloading and costly downtime. The solution monitors amps, voltage, power factor, and energy. Combined with the SynapSense PowerImaging console, BCM will help data center managers track and manage the power usage through all power distribution equipment with rack-level visibility. PowerImaging allows for monitoring of circuit and rack-level power, leading to phase balancing and optimization of loading across PDU's.



The PowerLogic ION 6200 power meter is a high-quality, low-cost solution for metering and monitoring energy usage. The metered data is integrated in the PowerImaging console. Understand your facility's electrical usage patterns, total energy consumption and power demand in order to establish a baseline for implementing energy savings initiatives and validating results.

