

Enterprise Energy Manager

SPECIFICATION

The Enlighted Enterprise Energy Manager, sourced from Dell and certified by Enlighted, provides a web-based user interface to the Enlighted Control network.

OVERVIEW

The Enterprise Energy Manager (EEM) provides the data analysis for all data harvested by the Enlighted network devices, such as sensors. In addition to being the collection point for the energy, occupancy, and environmental data captured by Enlighted Smart Sensors, the Enterprise Energy Manager provides a web-based user interface for lighting system management and optimizing building system performance.

The EEM manages up to 10,000 sensors with BACnet and 18,000 sensors without BACnet. With the Lighting BACnet software license available for purchase, the EEM can manage and control up to 35,000 BACnet points.

FEATURES

Simplified Lighting Control Management: The EEM configures and manages lighting behavior by adjusting software profiles while retaining lighting data for up to 36 months. It generates reports on lamp and fixture outages, carbon reduction, energy and financial savings.

Power Metering: Direct power metering at individual fixture level by deploying various control strategies provides data for comprehensive savings analysis.

Comprehensive Insight into Building System Performance: Automatic Demand Response (ADR) and Demand Response (DR) optimize operating costs and comply with energy efficiency and sustainability goals. Measure and identify under-utilized spaces by gaining insight into building usage patterns.

Standards-Based Communications Protocols: Industry standard communication protocols provide robust and mature capabilities. REST-based APIs support GET and POST requests and XML, JSON responses. BACnet/IP enables integration between the Enlighted lighting network and Building Management System (BMS). The EEM can turn on or off Bluetooth 4.0 Low Energy (BLE) beacons.

Data Security: AES 128-bit encryption for wireless data transmission and SSL encryption for TCP/IP data transmission enabled for data security.

Flexible Deployment: The server can be installed on a Corporate network, dedicated Gateway network, or as a stand-alone system. The intuitive graphical user interface is accessible via standard secure web browser, thus eliminating software downloading.



Enterprise Energy Manager

Width	19.00"	482.6 mm
Depth	23.9"	607.1 mm
Height	1.7"	43.2 mm



Front View without Bezel

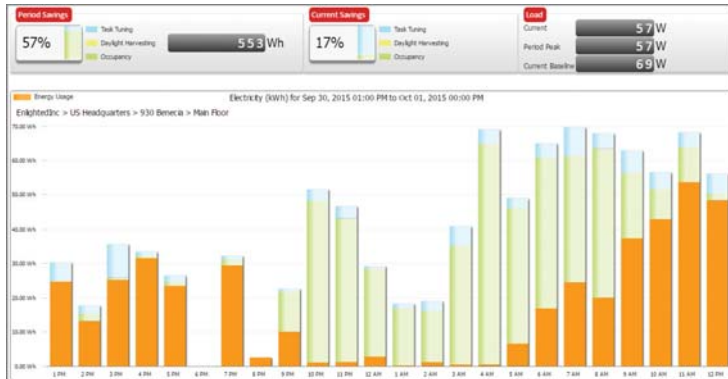


Back View

ENLIGHTED SPECIFICATION SUBMITTAL

Job Name:	<input type="text"/>
Job Number:	<input type="text"/>
Product Codes:	<input type="checkbox"/> EM-03-01: EEM supports up to 5000 Sensors <input type="checkbox"/> EM-SW-1000: Add-on License for 1000 Sensors

Enterprise Energy Manager

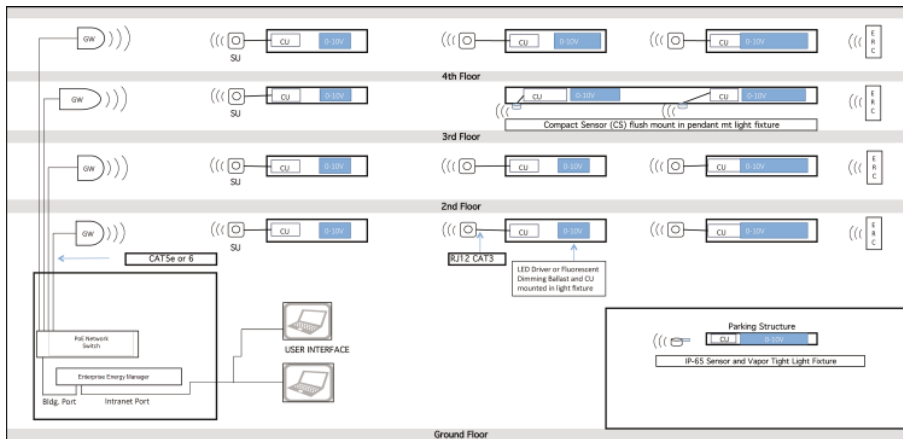


MOUNTING

The Enterprise Energy Manager is usually placed in the customer's data center. RJ-45 connectors are included for the Enlighted system to connect to a Corporate network and Gateway network.

WIRING & OPERATIONS

The Enterprise Energy Manager has two Ethernet ports: Eth0 and Eth1. The Gateway network is connected to one of the Ethernet ports on the PoE Switch. The Corporate network from the Ethernet port is connected to the client's IT network or the client's local computer. The software that resides in the Enterprise Energy Manager can be accessed securely via a web browser, thus eliminating the need for clients to download any software.



TECHNICAL SPECIFICATIONS

Operating System: Linux-based
 Web Client: Server connection
 Security: TCP/IP, Standards-based
 BACnet: BACnet/IP
 Operating: 50° to 95° F / 10° to 35° C
 Enclosure: Ruggedized aluminum
 Power Supply input: 100-240 VAC/
 7.4-3.7A
 Power Supply Output: 350W/550W AC

ORDERING INFORMATION

EM-03-01 Enlighted Enterprise Energy Manager (EEM)
 EM-SW-1000 Add-on 1000 Sensors License

COMPLIANCE

Europe
 United States
 Canada

Warranty: 3 years