

Lighting BACnet/IP Interface

SPECIFICATION

The Enlighted Lighting BACnet/IP interface enables seamless integration between the Enlighted lighting control network and any BACnet® compatible Building Management System. This feature is a license-enabled software available on the Enlighted Manage servers.

OVERVIEW

The Enlighted Lighting BACnet/IP interface shares lighting data with BACnet clients such as Building Management System (BMS). The BACnet/IP interface allows access to the lighting control features such as dimming, emergency overrides, and demand response. The BMS with BACnet/IP capability can smoothly integrate, monitor, manage, and control the Enlighted Lighting system through Group and Individual BACnet points.

FEATURES

Group Points: Provide aggregate metering data and control points for a group of sensors.

- **Area:** Provides energy consumption, occupancy status, emergency override, and fixture outage count points for all areas.
- **Manage:** Provides energy consumption, emergency override, and demand response points for Manage.

Individual Points: Provide metering data and control points for individual sensors such as a fixture or plugload.

- **Fixture:** Provides energy consumption, dim level, and outage status points for each fixture.
- **Plugload:** Provides energy consumption and plugload emergency status points for each plugload.

The data points are published over BACnet/IP server at every five minute intervals.

LICENSING

Three types of BACnet licenses are available.

- The Base License enables BACnet on the Manage server and includes base points.
- The Group Points License includes area-wide points.
- The Individual Points License includes points for fixture and plugload.

Manage allows you to configure the network, ports, and base instance ID ranges for BACnet/IP. The total number of BACnet points supported depends on the type of hardware device.

DEPLOYMENT

The following four types of Enlighted Manage systems are available.

- Manage: Manages up to 1500 sensors and 3500 BACnet points
- Midrange Manage: Controls up to 5000 sensors and 7000 BACnet points
- Enterprise Manage: Manages up to 10,000 sensors and 35,000 BACnet points

Refer to the corresponding Manage Spec Sheet or contact Enlighted Sales for details.



Manage



Midrange Manage



Enterprise Manage

ENLIGHTED SPECIFICATION SUBMITTAL

Job Name:

Job Number:

Product Codes:

BAC-BS-SU: Base License

BAC-GP-AREA: Group Points

BAC-SP-SU: Individual Points