Lighting BACnet/IP Interface

Enlighted

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.

Manage

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.

Midrange Manage

Enterprise Manage

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.

ENLIGHTED SPECIFICATION SUBMITTAL

Job Name:

Job Number:

Product Codes:

☐ BAC-BS-SU: Base License

☐ BAC-GP-AREA: Group Points

☐ BAC-SP-SU: Individual Points