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 Energy Manager 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.
- **Energy Manager:** Provides energy consumption, emergency override, and demand response points for the Energy Manager (EM).

**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 EM and includes EM group points.
- The Group Points License includes area-wide points.
- The Individual Points License includes points for each fixture or plugload.

The Energy Manager 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 Energy Managers are available.
- **Energy Manager (EM):** Manages up to 1500 sensors and 3500 BACnet points
- **Midrange Energy Manager:** Controls up to 5000 sensors and 7000 BACnet points
- **Enterprise Energy Manager (EEM):** Manages up to 10,000 sensors and 35,000 BACnet points
- **Virtual Enterprise Energy Manager (VEEM):** Controls up to 10,000 sensors and 35,000 BACnet points

Refer to the corresponding Energy Manager Data Sheet or contact Enlighted Sales for details.