Lightcloud® Integrator
LCBMS

Integrate Lightcloud with your building management systems for unified controls and automations.
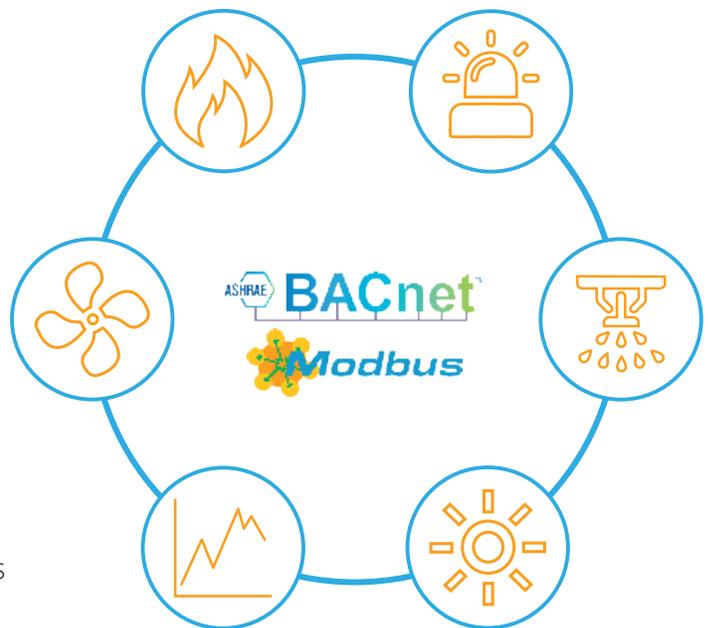
Common Applications

Alerts: Bring together alerts from Lightcloud, Security, Fire, Power, and other BMS systems to a central control panel. E.G. If fire alarm is triggered, set all lights to 100%.

Energy: Consolidate Lightcloud energy reporting with other metering systems. E.G. View power consumption from lighting, equipment, and HVAC in one report.

HVAC: Adjust HVAC for Lightcloud Occupancy and Vacancy Sensing. E.G. Turn off HVAC in unoccupied rooms.

Lighting: Control Lightcloud with BMS system for unified controls, schedules, and automations. E.G. Set hallway lights to 100% just before elevator doors open.

Description

The Integrator is a BACnet-compliant device and provides the required protocol to communicate with the BACnet workstation. The Integrator communicates with the Lightcloud Gateway to allow Lightcloud to interact with building management systems.

The BACnet workstation is capable of displaying the status of, or setting the state of, all BACnet-compliant devices connected to the network. Communication between the Lightcloud Gateway and the BACnet workstation is through the Integrator. The Integrator maintains internal memory regions for the Lightcloud Gateway to write individual device status and regions where commands initiated from the BACnet workstation are held for the Lightcloud Gateway. The memory area used for status, commands, device names or device grouping is defined in a configuration file. The configuration file is formatted as a CSV (Comma Separated Value) file. This file is unique to every installation and changes when a device is added or removed.

Lightcloud®

RAB® | Controls

Setup

To ensure compatibility with all BACnet and ModBus applications, the Integrator is custom programmed for each customer. Customers provide our engineers with requirements and control goals. Our engineers custom program the Integrator, and provide the customer with the programmed Integrator and a BACnet Protocol Implementation Conformance Statements.

BACnet Protocols

Alarm & Event Notification Read Properties Multiples
BACnet COV's, Trend Logging, BBMD and Optional BACnet Router Support
Support up to 10,000 BACnet Objects
DIP Switches are for Setting MAC Address, Node-ID, Baud Rate on the RS-485 Field Protocol

Warranty

10-Year, full-hardware warranty with 100% repair or replacement coverage for all properly installed devices.

Pricing

Hardware price includes programming the Integrator. Contact your rep for details.

Interested?

Learn more at lightcloud.com or call us anytime at 1(844)LIGHTCLOUD.