APOGEE Insight

BACnet Client & Server Option

Description

BACnet is a data communication protocol for building automation and control networks supported by numerous component manufacturers and facility systems providers. Developed by ASHRAE (the Association of Heating, Refrigeration and Air Conditioning Engineers), an international organization of the facilities industry, it was designed to provide a standard for communications between control offerings.

- Option for Insight® 3.2 Advance or Base
- Client capabilities: Insight will be able to monitor, command, and receive alarm information regarding BACnet points.
- Server capabilities: Insight will route APOGEE point information to BACnet devices for monitoring, commanding, and alarming.
- Ethernet will be used as the communication media.

Applications

The BACnet Client & Server Option for Insight 3.2 provides for monitoring and commanding of BACnet supportive devices and points providing the ability to:

- merge control of multiple BACnet systems and devices through a single Insight operator workstation.
- expand the existing system with either APOGEE devices or BACnet devices without replacing the existing system.

Operator Interface

The BACnet Client Option allows the Insight operator to monitor and command BACnet points from Insight graphics and point commander. BACnet alarms will appear in the alarm application. BACnet points can be used in dynamic trends. BACnet device network status will appear on the System Profile.

The BACnet Server Option will allow third party BACnet systems to view, command and receive alarms for APOGEE points through APOGEE Insight. The functionality at the third party workstation is dependent upon the third party system.

Software

The BACnet Client & Server Option requires the following software:

- Insight version 3.2 or higher
- BACnet Client & Server Option

Specifications

Objects: Analog Input, Analog Output, Analog Value, Binary Input, Binary Output, Binary Value, Multistate Input, Multistate Output, Device, Notification Class

Functionality: Monitoring, commanding, alarming

Datalink: Ethernet, BACnet/IP

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