

BACnet FAQ

Is BACnet supported?

By default BACnet/IP is not enabled, but BACnet/IP may be enabled when configuring the IntelliGateway. Enabling BACnet/IP is recommended only when integrating with a secured BACnet/IP network. See the BACnet PICS documents for more details.

Which BACnet network do you support?

Only BACnet/IP is supported. There are no plans to support BACnet MS/TP or BACnet Ethernet in the near future, but that may change.

Is each IntelliSocket represented as a separate BACnet device?

Yes, each IntelliSocket has its own instance ID. The gateway acts as a BACnet virtual device server for the IntelliSockets.

Which BACnet objects are represented?

Data values are represented as AV objects and control values are represented as BV values.

Which BV should be written to turn on or off the IntelliSockets?

BV-40 is writable and it represents the scheduled on and off state. It uses a priority array and priority 8 is written to when the button on the socket is pressed or when the IntelliNetwork schedules the socket. Priority 8 will not be cleared until it is explicitly done through another BACnet controller.

Is foreign device registration supported?

Yes, when configuring the gateway, you may specify the IP address and port of the BBMD to foreign-device register with.

Do we support simultaneous BACnet / cloud-based gateways? Which has higher command priority?

Gateways support a simultaneous BACnet/IP and cloud-based configuration. The BACnet controller and ibis.io operate independently from each other. We recommend choosing only one as the command and control source.

Can data streams from lighting systems / HVAC systems be sent to the web app via BACnet?

This feature is a work in progress.

How are BACnet alerts configured?

This is specific to the BACnet controller, such as *Alerton Compass* or *Johnson Control Metasys*. Please refer to the configuration manual of the appropriate BACnet controller vendor.