onPoint IT Coordination Prep

So you're in the process of procuring a building analytics system? Traditionally, building operations teams and IT teams have had little need to collaborate. But cloud systems like onPoint do require some coordination to get the data out of your building securely. This can happen in a few different ways, depending on your existing network infrastructure and your IT team's policies.

While it isn't a cumbersome process, it is good to know it's coming so that you can begin opening the lines of communication with your IT teams now. This way, your analytics system can be deployed faster, helping you improve your operations and reduce your energy consumption sooner.

Here's what you're likely to need from your IT team when deploying building analytics:

EXISTING SYSTEM: Niagara

For building management systems running on a Tridium Niagara JACE or Supervisor, onPoint includes a hardware-based VPN to enable secure access from the cloud to the building system. This provides a single point of connection and can be restricted as requied by IT teams.

TECHNOLOGY: Tosibox

Tosibox has two modes - Client Mode and Lock Mode, dependent on status of existing networks within the building.

Configuring the Tosibox is the first thing the onPoint onboarding team will do to kick off the project. To support this, you will be asked to complete a one-page configuration guide that will include information for your site's IT contacts, questions to determine if DHCP can be used, plus relevant IP address and subnet mask details.

EXISTING SYSTEM: BACnet, no trending

For buildings that don't have a unified building management system routing through a JACE, onPoint is deployed with the onPoint Gateway. Similar to the Foxhole firewall driver, this one-to-one connection point only enables connections from the onPoint cloud to the gateway.

TECHNOLOGY: Embedded PC w/ SkySpark

Configuring the onPoint Gateway simply requires an IP address and some details on the BACnet devices contained within the network.

For onPoint Enterprise customers unlocking the command and control functionality of the system, the onPoint Gateway is deployed for the building connection.

If you have questions about your network configuration and which deployment method will be utilized for your onPoint project, send a note to hello@buildingsiot.com and we'll be in touch ASAP.

For the Buildings IOT Cybersecurity policies, visit buildingsiot.com/cybersecurity