DOME™ Building Automation Starter Kit

Site Prequalification Guide

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1. To support a DOME installation, a building site should meet the following requirements

1. Have at least two devices (e.g., controller + endpoint) that communicate via BACnet/IP.
2. Availability of 120VAC where the DOME Interface Appliance™ (DIA™) will be installed. The DIA power supply is included.
3. Availability of 120VAC and/or 24VAC where the DOME Sentry™ (Sentry) devices will be installed. The Sentry has a 24VAC raw wire connection, the power supply is not included.
4. Confirmation about whether or not any BACnet/IP devices are daisy chained. For a daisy-chained environment, you will need a Sentry model that supports daisy-chaining.
5. Wiring, existing network switches, routers, and devices should be readily accessible.
6. Wiring diagrams, block diagrams, automation component inventory list, and other documentation should already exist for the proposed site (to make it easier to conduct a site assessment).
7. The DIA will need outbound-only Internet access (as well as access to the OT Network). The preference is to use the building's existing Internet access. The alternative is to use a cellular modem.
8. Every BACnet/IP device on the same IP broadcast network will need to be secured with a Sentry. If there are multiple routed network segments, they must first be segmented into separate networks and then they can be separately secured and unsecured.

2. Prior to installation, the following information will be needed

1. The number of BACnet/IP devices, controllers, etc. on the network.
2. For each BACnet/IP device, if that device is a router (e.g., MSTP router), how many unique (e.g., MSTP) devices are behind the router?
3. Second confirmation about whether any BACnet/IP devices are daisy-chained (to ensure the correct Sentry model is used).
4. The IP Network configuration for the OT Network (network: e.g., 192.168.1.0/24, and gateway, e.g., 192.168.1.1, if applicable) for all network segments being secured.
5. The IP Address for the DIA on the OT Network (it only needs an address on one segment, so long as there is IP routing and multicast routing between all OT segments).
6. Confirmation of whether or not the existing building Internet can be used:
   a. If yes: the IP Address for the DIA on the building's (Internet) network (DHCP is acceptable).
   b. If no: then the installation needs a cellular modem for the uplink. (See #7 above).

3. Technical Support

Please direct all technical support inquiries to: suport@veridify.com or by phone 203-227-3151 (Option 6)