DOME™ Building Automation Starter Kit

Getting Started Guide

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NOTE: This starter kit provides the ability to test or deploy DOME for a limited number of devices. Deployment for a full building will require additional DOME Sentry devices.

1. About this guide

The DOME Building Automation Starter Kit enables system integrators to install a fully functioning pilot scale implementation of Veridify's DOME cybersecurity protection for building automation. For a typical building, you will install a DOME Sentry™ security gateway to protect the Building Automation System (BAS) controller, and a second DOME Sentry to protect a BACnet device as shown in Fig. 1. The DOME Sentries form a secure OT network that provides root of trust authentication as well as data protection between all devices on the secure network. Lastly, you will install a DOME Interface Appliance ™ (DIA™) that will enable the secure onboarding of the DOME Sentry devices. Once the OT network is up, the DIA will receive log messages from each of the Sentries and forward those to the DOME Server for anomaly detection and inclusion in a security dashboard.
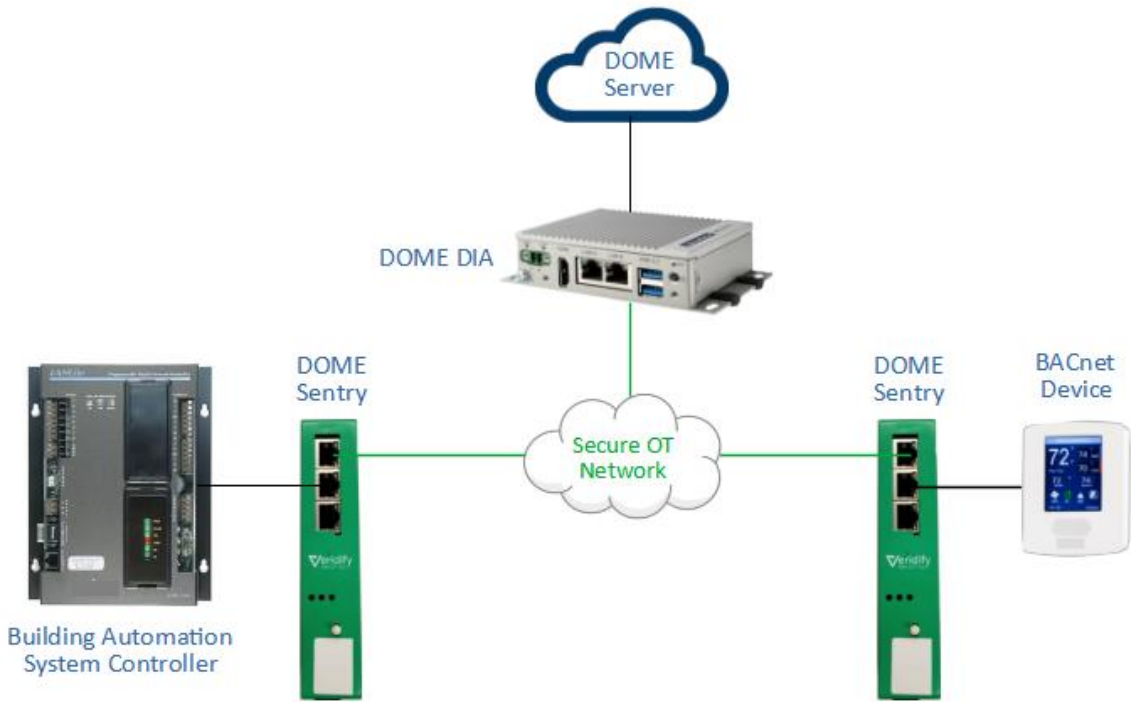

Fig. 1. Starter kit architecture

2. Overview of DOME Building Automation Starter Kit

Your starter kit contains everything you need to provide basic protection for a building.

2.1. Kit contents (see Fig. 2.)

Your DOME Starter Kit contains:

- Two (2) DOME Sentry devices
- One (1) DOME Interface Appliance (DIA)
- One (1) DIA power supply – included with DIA
- One (2) USB console cables to connect to the Sentry devices
- Four (4) ethernet cables
- Documentation set

Not included in kit:

- 24VAC Power supply for DOME Sentry devices
- HDMI Monitor (to configure DIA)
- USB Keyboard (to configure DIA)
- BACnet/IP devices and controllers

Fig. 2. DOME Starter kit contents

3. Documentation and procedures

You will refer to several documents that will guide you through the process of qualifying a site for installation, installing the equipment, setting up accounts, and testing the installation.

Documentation included in the kit:

DD-0010 Getting Started Guide (this document)
DD-0011 Site Prequalification
DD-0012 Site Survey Guide
DD-0013 Installation Guide
DD-0014 DOME SaaS Account Registration
DD-0015 Testing and Troubleshooting Guide
DD-0016 Proprietary Notices; License Terms and Conditions

It is recommended to read the documentation in the order presented here (i.e., DD-0010 – DD-0016).

4. Technical Support

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