



i-Vu® Building Automation System

BACnet/SC Virtual Hub

Part#: SC-HUBV



The BACnet/SC Virtual Hub is a software application that acts as the central director of traffic between all node devices on a BACnet/SC network. It provides a web-based interface that allows you to configure the hub, including installation of the certificates the hub uses to authenticate connected devices.

You can install the BACnet/SC Virtual Hub on-premises or in the cloud to secure BACnet traffic within your site's network or to secure communication between your on-site equipment and an off-site i-Vu server. Minimum required components: i-Vu v8 or later, BACnet/SC Virtual Hub, and a BACnet/SC Router (XT Router).



What is BACnet Secure Connect?

BACnet Secure Connect (BACnet/SC) is a new BACnet data link that addresses many of the security concerns that owners, facility managers, and IT professionals have expressed regarding unsecured BACnet networks. Using a "hub and spoke" topology, BACnet/SC provides the means to secure communications between building automation devices both across the cloud and within facilities. The BACnet/SC standard is described in addendum bj of ASHRAE Standard 135-2016.

Server Requirements

The BACnet/SC Virtual Hub web server requires a 64-bit Windows® or Linux® operating system with a minimum of 4 GB RAM. Server memory requirements vary based on the number of connected devices and volume of traffic between devices.

Parts Available (5):

SC-HUBV-005 | SC-HUBV-010 | SC-HUBV-030 |
SC-HUBV-050 | SC-HUBV-150

The last number in the part number refers to the number of SC router connections supported by that license.

