# BACNET/SC VIRTUAL HUB

**PART#: SC-HUBV**

Automated Logic

WebCTRL®

The **BACnet Secure Connect (BACnet/SC) virtual hub** is a key component for implementing BACnet Secure Connect on new and existing WebCTRL® systems. BACnet/SC secures building automation and control networks from possible threats using standards widely accepted by the IT community.

Both new and existing WebCTRL systems can support BACnet/SC with the following components:

- **WebCTRL v8 or later software**. Existing installations can be upgraded easily.

- **BACnet/SC virtual hub.** This licensed software application is installed on a dedicated server (purchased separately), and authenticates and authorizes BACnet devices to use a site's BACnet network. The BACnet/SC virtual hub resides at the same location as the WebCTRL server, either on-premises or in the cloud, and manages the secure, encrypted communications between the WebCTRL server and the BACnet devices at the facility. The virtual hub can act as a primary hub or a failover hub (optional). If both a primary and failover hub are needed, then you will need two dedicated servers (purchased separately).

- **OptiFlex™ BACnet/SC Router (G5RE).** This device routes between BACnet/SC and existing WebCTRL networks: BACnet IP, BACnet over ARCnet and/or BACnet over MS/TP.

## Server Requirements

The BACnet/SC virtual hub 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.

## Software Parts Available (5):

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

The last three digits in the part number refer to the number of BACnet/SC router connections supported by the license.



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