Data Sheet

SbC3200/SbC3201 BNSD MS/TP B/IP B/SC
BACnet Network Segmentation Devices for BACnet MS/TP, BACnet/IP, BACnet/SC

The Secured by Cimetrics™ (SbC) SbC3200/SbC3201 BACnet Segmentation Devices (BNSD) are the only BACnet segmentation devices that you will ever need purchase. They supports BACnet MS/TP to BACnet/IP routing for today's needs. As BACnet Secure Connect (SC) requirements increase with in buildings, the SbC3200/SbC3201 BNSDs can be configured to support all the unsecured BACnet to secured BACnet/SC segmentation needs without having to replace hardware or update firmware.

The SbC3200/S3201 BNSDs connect nonsecure BACnet MS/TP and BACnet/IP network segments to secure BACnet/SC networks without compromising performance, reliability or security. The SbC3200/3201 BNSDs are fully compliant with BACnet network layer routers, with additional capabilities to monitor and enforce BACnet Firewall policies on the BACnet traffic passing between network segments.

SBC3200/SbC3201 BNSD's FEATURES

- SbC3200/SbC3201: 1 Ethernet and 2 RS485 ports.

- BACnet MS/TP to BACnet/IP router.

- **Connects/Segments unsecured BACnet MS/TP and BACnet/IP networks from secured BACnet/SC networks.**

- Built-in configurable BACnet Firewall Engine - Controls the flow of BACnet traffic between the connected networks (read only, read/write and block).

- IT integration via Syslog: Log real-time events, including BACnet Firewall actions.

- Wireshark packet capture on Ethernet.

- Web-based configuration interface.

CYBERSECURITY BENEFITS of SbC3200/3201 BNSDs:

⇒ SbC BACnet Firewall can reduce the severity of cybersecurity threats in segmented networks.

⇒ Building Automation System operators can be alerted to unexpected traffic due to misconfiguration or malicious actors.

⇒ Policy-based monitoring provides valuable visibility into the Building Automation System for IT network and security operations teams via syslog.

BACnet DETAILS

- BACnet/SC, BACnet/IP, 2 BACnet MS/TP interfaces

- Supports BACnet MS/TP to BACnet/IP routing (Clause 6)

- Supports BACnet/SC TLS 1.3 or 1.2

- BACnet Protocol Revision 16

HARDWARE SPECIFICATIONS

Power Adapter Input Voltage	100—240 VAC, 50-60 Hz
Operating Temperature	0 to 40 C
Storage temperature	-30 to 50 C
Power consumption	12 VDC, 10W typical
Dimensions	15.8 x 16 x 2.5 cm
Weight	450 g
Ethernet Ports	(1) 10/100/1000 Mbps
RS485 Ports	2 RS485 optically isolated
Router Enclosure	Metal
Approvals	FCC Class A, CE

ORDERING INFORMATION

SbC3200 and SbC3201 BNSDs includes power adapter and DIN rail mount

SbC3201 - Siemens and VAP dealer only part number

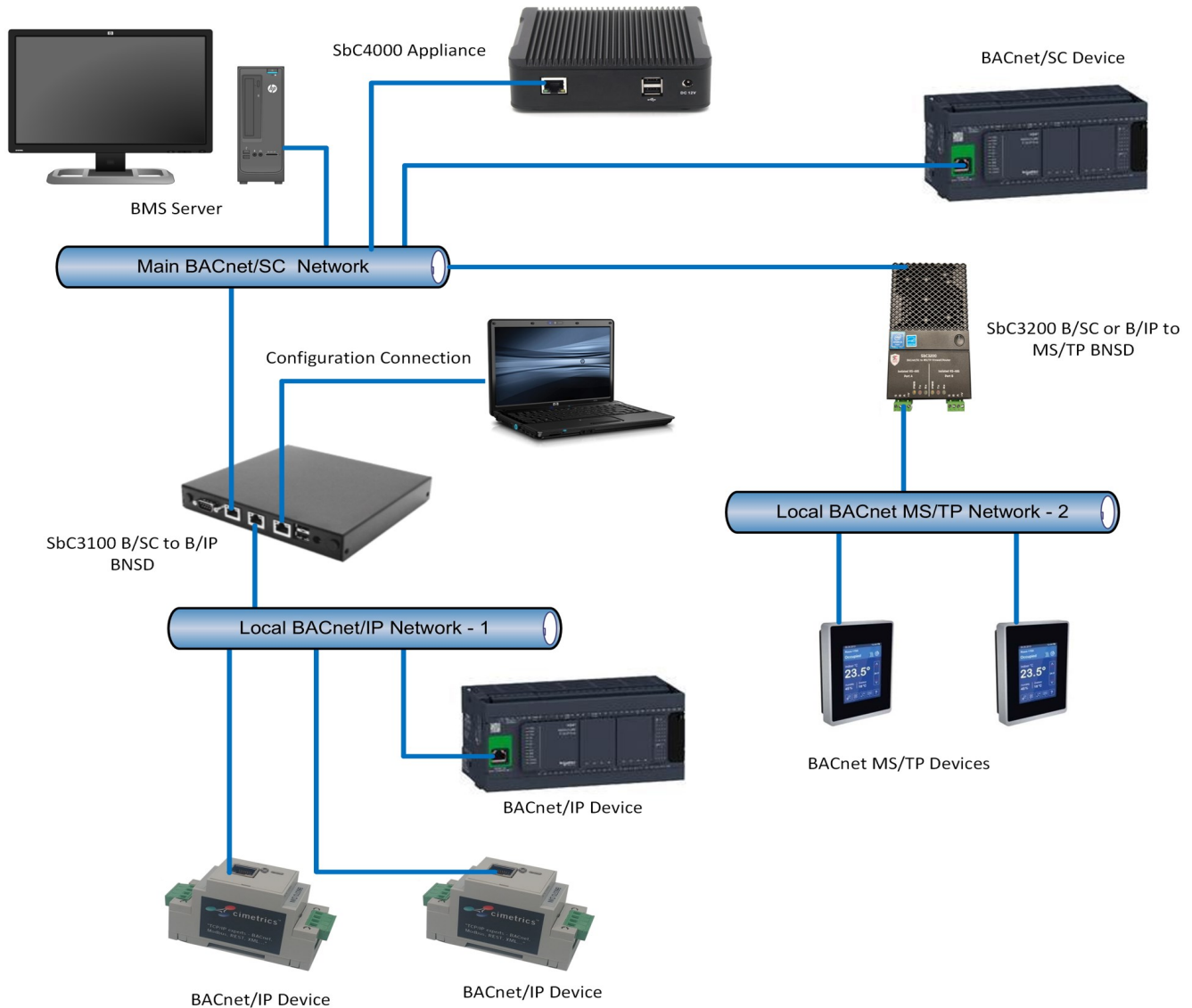## PRODUCT SUPPORT

Two year warranty on SbC3200 and SbC3201

Free product technical support

Deploy Your Network with Secured by Cimetrics

Cimetrics SbC3200 and SbC3201 BACnet Segmentation Devices (BNSD) routes BACnet packets (only BACnet packets) between BACnet MS/TP and BACnet/IP networks as well as BACnet MS/TP and BACnet/IP to BACnet/SC networks. In a typical deployment, a Secured by Cimetrics Appliance (SbC4000) monitors the BNSD's BACnet Firewall to detect and diagnose network and security issues. The SbC3200/SbC3100 BNSDs monitor and enforce policy on BACnet messages flowing between BACnet MS/TP, BACnet/IP and BACnet/SC network segments.

SbC4000 Appliance

BACnet/SC Device

BMS Server

Main BACnet/SC Network

Configuration Connection

SbC3200 B/SC or B/IP to MS/TP BNSD

SbC3100 B/SC to B/IP BNSD

Local BACnet MS/TP Network - 2

Local BACnet/IP Network - 1

BACnet/IP Device

BACnet MS/TP Devices

BACnet/IP Device

BACnet/IP Device

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