

Features and Highlights

- Compatibility with 963 Supervisor software for Internet and local area network (LAN) capabilities with BACnet/IP
- Reduces learning curve to implement BACnet



Trend Open Protocol Server (TOPS) is the driver for 963 that is installed and licensed over the standard 963 Supervisor software to provide access to BACnet devices. Configuring TOPS is a one-time engineering operation and can be accomplished using a Web browser. Using TOPS to implement BACnet in a Trend system will reduce the learning curve for operators already familiar with 963 Supervisor.

Once configured, TOPS maps BACnet devices into the Trend system, enabling consistent supervision tasks between Trend devices and BACnet devices. TOPS allows values from BACnet devices to be included in schematic pages, and also enables users to make adjustments to—and receive alarms from—those devices.

There are three variants of the TOPS driver in this release: A base TOPS install that hosts up to 12 BACnet devices, and two upgrades from the base TOPS install—one to access up to 60 BACnet devices and the other to access up to 240 BACnet devices. Users must already have the base TOPS install before they can upgrade to 60 or 240 BACnet devices.

Technical Data

Trend Open Protocol Server (TOPS)

Recommended hardware

- **Processor** 2 GHz.
- **RAM** 1 GB.
- **Disk space** 40 GB hard disk or larger.
- **Graphics card** 128 MB, 1280x1280 resolution.
- **Network card** Ethernet Network Card.
- **Software** Operating system Windows XP Professional with Internet Explorer version 6 SP1 or greater¹.

Minimum hardware

- **Processor** 1 GHz.
- **RAM** 512 MB.
- **Disk space** 20 GB hard disk or larger.
- **Graphics card** 64 MB, 1280x1280 resolution.
- **Network card** Ethernet Network Card.
- **Software** Operating system Windows XP Professional with Internet Explorer version 6 SP1 or greater¹.

¹ TOPS will also run on Windows Vista and Windows Server 2003. If TOPS is to run on the same PC as 963 Supervisor, the PC must also comply with the system specifications for 963 Supervisor.

Ordering Information

Product number	Description
CSWR -1111K1010	TOPS/BAC/12DEV/USA - TOPS Software for communication with BACnet network, and with the ability to interact with 12 devices
CSWR -1112K2020	TOPS/BAC/UP/60DEV/USA - Upgrade to 60 BACnet devices
CSWR -1112K3030	TOPS/BAC/UP/240DEV/USA - Upgrade to 240 BACnet devices

Trend Control Systems