

BACtalk® Control Modules

Features and highlights

- **Scalable**
Combine BACtalk control modules (BCMs) to fulfill unique processing and network integration requirements.
- **Interoperable**
BACnet-compliant modules support BACnet/IP, BACnet Ethernet, MS/TP, and PTP connections. Other modules provide BACnet integration to proprietary network protocols.
- **Reliable**
BCM programming runs in RAM with all data periodically backed up to flash memory. A NiCad battery ensures current data is written to flash and retained even through extended power outages.



Alerton BACtalk control modules (BCMs) present a revolutionary approach to global control and network integration in BACnet building automation systems. You can combine up to seven integration and control modules in series with a single power supply module to precisely match capabilities to your application.

Select from BCMs that support BACnet network connections or function as gateways between BACnet and proprietary networks. BCMs can also host DDC, schedules, trend logs, and alarms.

Choose modules to fulfill current requirements and then add modules as your building automation system evolves. Simple DIN-rail mounting and a ribbon-cable connection to other BCMs make it easy. You can add a network or integration option in minutes, which gives you unprecedented flexibility to adapt quickly as your connectivity, integration, processing, and control requirements change.

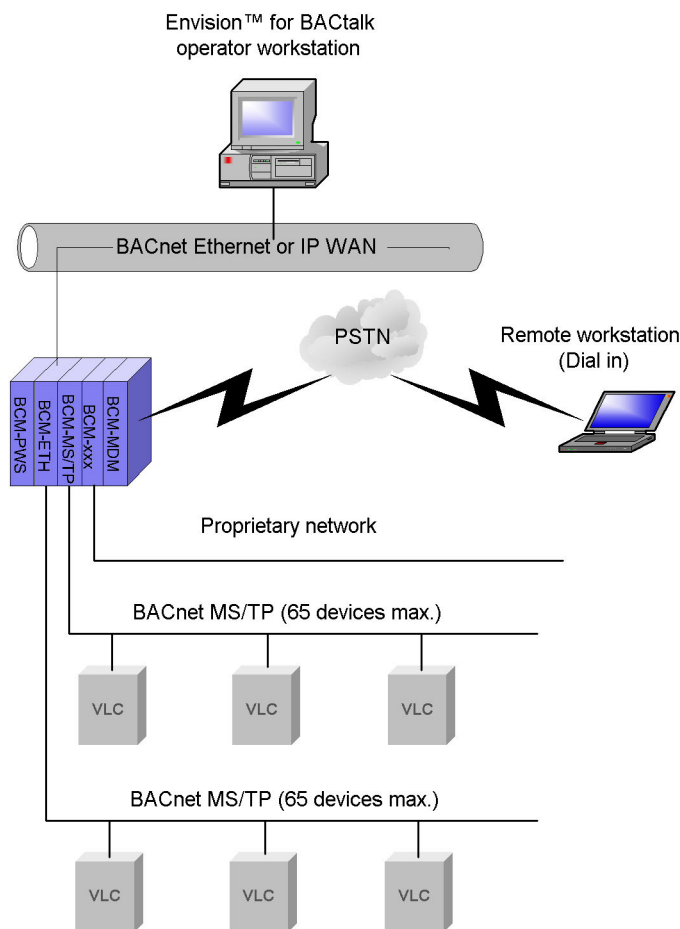
For further flexibility in wide area network applications, each BCM that hosts a BACnet network connection also supports BACnet/IP and can operate as a BACnet Broadcast Management Device (BBMD).

Technical data

See individual module data sheets for further technical data.

- **Power** Power supply module (BCM-PWS) requires 19–30 VAC @ 30 VA, 47–63 Hz.
- **Battery** 7.2V 700mA-h NiCAD battery in BCM-PWS provides power to back up current programming and values to flash memory during power outage.
- **Mounting** 35mm DIN rail.
- **Max. Dimensions** 6.5" (166mm) H x 1.5" (39mm) W x 5.0" (127mm) D
- **Environmental** 32-131 deg. F (0-55 deg. C). 0-95% RH, non condensing.

Typical network architecture



Ordering information

See individual module data sheets.

Specifications subject to change without notice