

# B3070 – Cimetrics B/IP to B/IP router

- Enables BACnet/IP communication between two separate IP networks
- Uses industry's leading BACnet OEM protocol stack (Cimetrics BACstac)
- Incorporates high bandwidth design
- BACnet/IP broadcast management device (BBMD)
- Browser-based configuration



## BACnet DETAILS

- BACnet/IP
- BBMD and FD (Foreign Device) support on Customer LAN
- Two interfaces—Private LAN and Customer LAN (dedicated)
- BACnet Protocol Revision 14

## HARDWARE SPECIFICATIONS

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, 10 W typical
Dimensions	15.8 x 16 x 2.5 cm
Weight	450 g
Ports	(3) 10/100/1000 Ethernet ports
Approvals	FCC Class A, CE

## ORDERING INFORMATION

B3070 - Cimetrics B/IP to B/IP

Mounting options available

## PRODUCT SUPPORT

One year warranty on router hardware

Free product technical support during normal business hours

Paid configuration and installation services available

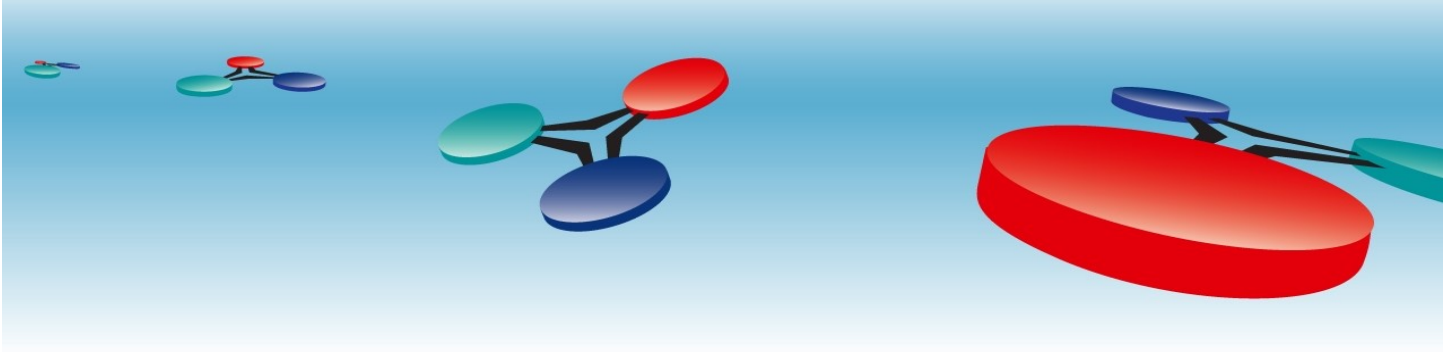
## PRODUCT INFORMATION

Introducing Cimetrics' BACnet/IP to BACnet/IP router. This product provides routing between BACnet/IP networks. Most of the building controls companies are offering (or will soon offer) building control systems that use BACnet/IP communication between building controllers and terminal unit devices. A large building might require several hundred BACnet/IP devices.

Sometimes IT departments don't have enough IP addresses for a project. The best scenario in this situation will be to create private networks for most of the devices, and use the customer-provided IP addresses for the devices that must connect to the network backbone. BACnet/IP to BACnet/IP routers allow communication between all of the devices.

The router has 3 Ethernet ports—two for routing and a dedicated third port for configuration. It is configured via web pages. The router is housed in a metal case and is powered by a 12 VDC external power supply.

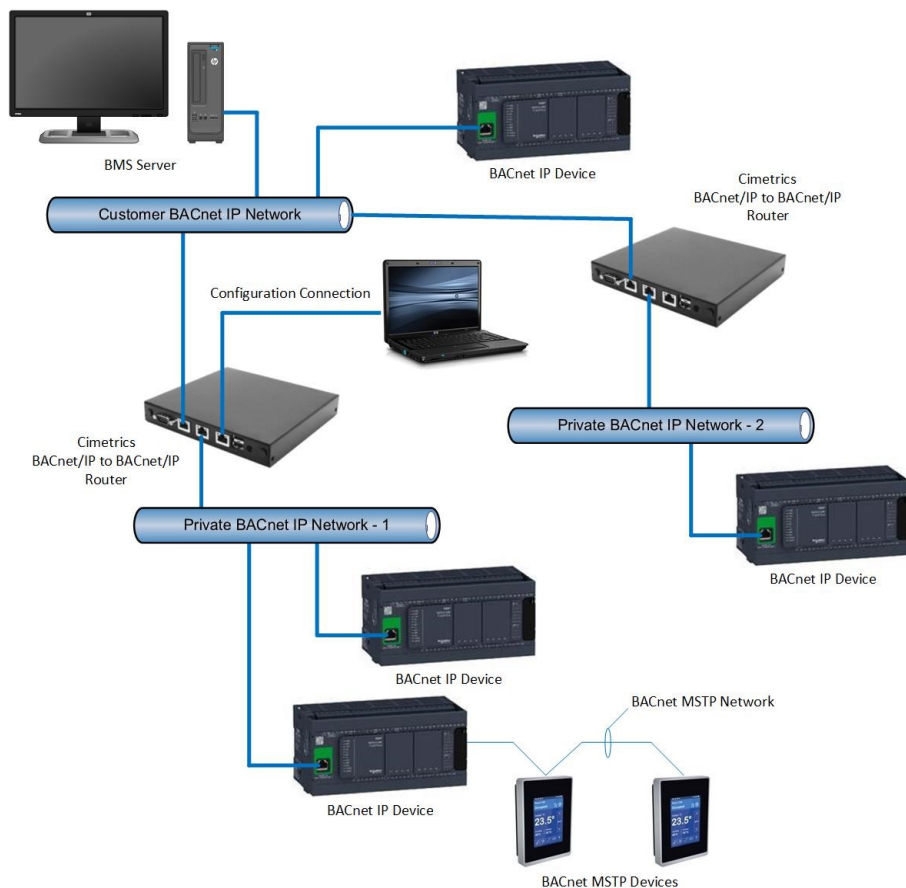
The B3070 is optimized for high bandwidth usage due to its 32-bit embedded Linux-based OS and our BACstac/32 protocol stack. This BACnet software is extremely robust and is the leading third party BACnet code used in thousands of devices from prominent industry manufacturers.



## Deploy Your Network

### BACnet/IP to BACnet/IP Routing:

Cimetrics BACnet/IP to BACnet/IP Router routes BACnet packets between two separate IP networks. A typical deployment scenario is shown below, in which there are multiple IP networks containing BACnet-compliant devices that need to communicate with one another, and many of the BACnet devices are connected to one or more private IP networks utilizing private IP addresses.



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