General

The BACNET-GW-3 provides an interface between NOTI-FIER’s fire panel network NOTI-FIRE•NET™ (either the standard or the high-speed version) and a network using the BACnet/IP communication protocol.

With the Gateway interface, devices on NOTI-FIRE•NET fire alarm control panels are represented as BACnet objects to the BAC-net client. The user subscribes to Event Notification objects per FACP, and the BACnet device receives events from objects on the FACP as a result of this subscription.

The BACNET-GW-3 can be connected to NOTI-FIRE•NET via the network port on any net-work control module (NCM). Connected to NOTI-FIRE•NET, each BACNET-GW-3 can support a maximum of 14 other nodes or 15,000 objects. Multiple BACNET-GW-3s can be used to interface with larger networks.

Features

• Compatible with AFP-2800 FACP’s.
• The BACNET-GW-3 can monitor up to 14 NOTI-FIRE•NET nodes with a maximum combined object count of 15,000 (object count includes all detectors, monitor modules, notification appliance circuits, etc.).
• Multiple BACNET-GW-3s can be used for large networks (more than 15 nodes total).
• PC programmable using the BACNET-GW-3 Configuration Tool, an offline programming utility used to configure the BACNET-GW-3. The Configuration Tool is used on a compatible computer that is using Windows® XP OS.
• The NOTIFIER BACNET-GW-3 can behave as a foreign device when communicating with a third-party BBMD (BAC-net Broadcast Management Device).
• Compatible with standard and high-speed NOTI-FIRE•NET.

Connections

• The BACNET-GW-3 is connected to NOTI-FIRE•NET via the network port on the network control module to the Gateway.
• BACNET-GW-3 is connected to the BACnet front end via a standard RJ45 Ethernet connector (CN2).

Product Line Information

The BACNET-GW-3 (ordered as such) includes everything required to set up an interface to an existing NOTIFIER system or network with the exception of a chassis and the Network Control Module (NCM). It includes:
• PC board for the BACNET-GW-3.
• Software on CD-ROM (Configuration Tool).
• RJ45 to RJ45 Standard Ethernet Network Cable.
• NUP to NUP cable. Additional required components (from other vendors):
• IBM-compatible PC with Windows XP.
• Standard Ethernet network cable with RJ45 connectors.

PIC Statement/BACnet Information

The BACNET-GW-3 PIC Statement is available at www.notifier.com.au. Select products and then network systems. For information on the BACnet protocol, see www.bacnet.org.