

GENERAL

The **NFN Gateway (NOTI•FIRE•NET[™] Gateway)** is a component of the UniNet[®] 2000 (version 2.3 or higher) that facilitates monitoring of a **NOTI•FIRE•NET[™]** (version 5.0 or higher) network and ONYX[®] Series control panels. The NFN Gateway bridges the UniNet[®] 2000 network and the **NOTI•FIRE•NET[™]** network by acting as a Local Area Server on the UniNet[®] 2000 system (99 servers are supported by UniNet[®] 2000). The NFN Gateway enables users to monitor multiple sites over an IP network. Each local or remote site would require at least one NFN Gateway for monitoring and communication back to the UniNet[®] 2000 system.

The NFN Gateway connects to **NOTI•FIRE•NET[™]** (version 5.0 or higher) through NUP via NCM modules (NCM-W for wire and NCM-F for fiber) or ONYX[®] Series panels. A standard Ethernet IP connection is required for communication with the UniNet[®] 2000 Event Manager software. Once this connection is made, a UniNet[®] 2000 workstation can monitor and control the **NOTI•FIRE•NET[™]** network.

The NFN Gateway browser interface, accessible via Microsoft[®] Internet Explorer version 5 or later, displays configuration information about **NOTI•FIRE•NET[™]**, the NFN Gateway's general and security settings, network node mapping, along with version information and NUP port statistics. The browser interface also allows administrators to modify some of these configuration settings.

FEATURES

- Monitor and control local/remote **NOTI•FIRE•NET[™]** (version 5.0 or higher) networks from a UniNet[®] 2000 (version 2.3 or higher) workstation.
- Serial Configuration Tools runs on any laptop or PC using Windows[®] and having an open COM port.
- Connect/communicate to **NOTI•FIRE•NET[™]** via standard wire or fiber.
- Connect/communicate to UniNet[®] 2000 via standard Ethernet IP.

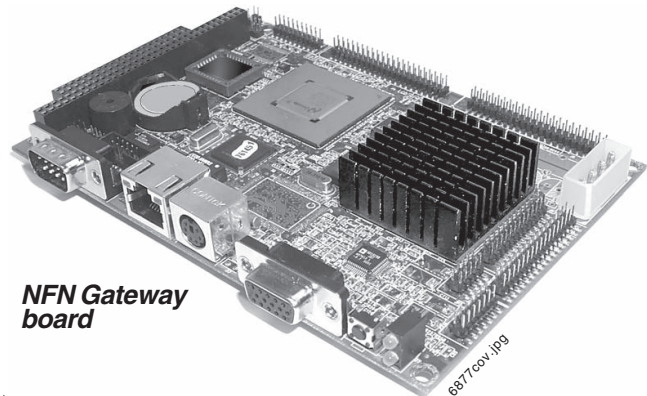
COMPATIBILITY

The NFN Gateway is compatible with UniNet[®] 2000 version 2.3 or higher. The NFN Gateway is compatible with **NOTI•FIRE•NET[™]** version 5.0 and higher for the following panels and devices:

- ONYX[®] Series NFS-3030 and NFS-640.
- AM2020/AFP1010 (version 5.0 SIB).
- AFP-200 (version 5.0 NAM).
- AFP-300/AFP-400 (version 5.0 NAM).
- BACnet Gateway.
- NFN NION[®].
- NCS Network Control Station.
- NCA Network Control Annunciator.

SPECIFICATIONS

- **Power supply:** 24 VDC to 5 VDC.
- **Input voltage range:** 19 VDC to 29 VDC.
- **Input current:** 360 mA @ 24 VDC.
- **Output current:** 1.2 A @ 5 VDC.
- **Operating temperature:** 32°F to 120°F (0°C to 49°C).



NFN Gateway board

ORDERING INFORMATION

The **NFN GATEWAY** (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 NFN Gateway (P/N 46173).
- **Power supply** — 24 VDC to 5 VDC (P/N 46175).
- **Surge suppressor** (PNET-1).
- **DB9-to-network cable** (P/N 75582).
- **5 VDC power connector** (P/N 75581).
- **Software** on CD-ROM (Serial Configuration Tool).
- **Mounting plate**, NFN Gateway/power supply (P/N 18541).

Other NOTIFIER parts required:

- **Cabinet:** CAB-3 Series (see data sheet DN-3549) or CAB-4 Series (see data sheet DN-6857).
- **Chassis:** CHS-4L.
- **FACP or NCM** for connection to **NOTI•FIRE•NET[™]**. See data sheets for the following: NFS-3030 (DN-6880), NFS-640 (DN-6856), AM2020 (DN-0713), AFP1010 (DN-3341), NCM-W/-F (DN-6861).

Additional required components (from other vendors):

- **IBM-compatible PC** with Windows[®] XP, 2000, 98, or NT version 4.0 or higher, and available serial port.
- **DB-9 to DB-9 null modem cable** (PC-to-Gateway programming cable).
- **Standard Ethernet network cable** with RJ45 connectors.

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact **NOTIFIER**. Phone: (203) 484-7161 FAX: (203) 484-7118



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Made in the U.S.A.

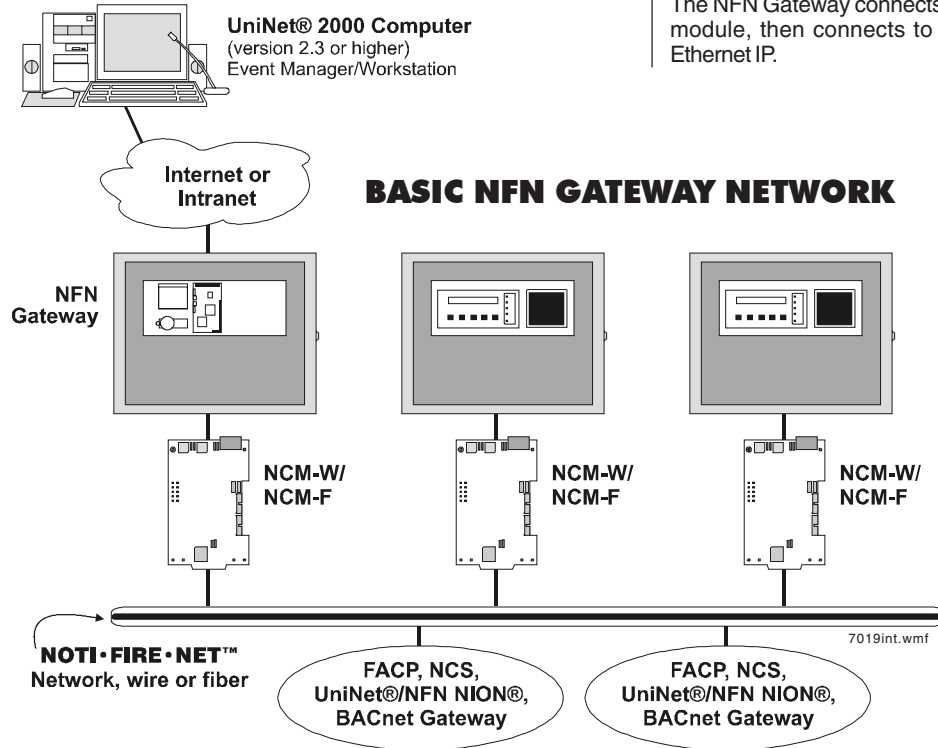
SYSTEM REQUIREMENTS

- **NFN Gateway (NOTI•FIRE•NET™ Gateway).**
- **UniNet® 2000** version 2.3 or higher (every UniNet® 2000 network must have at least one PC on which the following applications run: Event Manager and Workstation. These applications may be run on separate machines over the IP network, which may be preferable for larger networks).
- **NOTI•FIRE•NET™** version 5.0 or higher.

- **NCM-W or NCM-F.**
- **Browser:** Microsoft® Internet Explorer, version 5.0 or higher, running on Windows® 98 or 2000 required. **NOTE:** Netscape® is not fully supported by the NFN Gateway application.
- **Serial Configuration Tools** requires a Windows® 98 or 2000 operating system.

SYSTEM ARCHITECTURE

The NFN Gateway connects to **NOTI•FIRE•NET™** via an NCM module, then connects to the UniNet® 2000 network via the Ethernet IP.



ADVANCED NFN GATEWAY NETWORK

