ONYXWorks® Gateways
NFN Fire Monitoring

General
The NOTI•FIRE•NET™ Gateway is an intelligent gateway interface for the ONYXworks® fire monitoring workstation. This gateway facilitates complete monitoring and control of a NOTI•FIRE•NET™ network and is available in a PC version and an embedded version. In addition, it supports full panel programming and network diagnostics.

The PC version of the gateway is the network interface for a true peer-to-peer network and resides in ONYX® Series workstations. The embedded version is a standalone gateway and is equipped with IP capability thus enabling ONYX® Series users to monitor multiple sites over an Ethernet network without the need for remote workstations.

Features
• Enables ONYX® Series workstation to monitor alarm, pre-alarm, trouble, and disabled events for Notifier fire alarm control panels on a NOTI•FIRE•NET™ network.
• Adds acknowledge, silence, reset, enable/disable, and activate/deactivate control capability to the workstation.
• Supports fire alarm control panel programming upload/downloads and modifications.
• Standalone embedded version for: ability to scale, remote IP connections.
• Supervised IP connections for remote workstations and gateways.
• Multiple workstations can access the gateway at the same time.
• PC versions support wire or multimode fiber options.
• Gateway redundancy for network survivability.

Compatibility
The NOTI•FIRE•NET™ Gateway is compatible with ONYXWorks® and ONYX FirstVision and interfaces to NOTI•FIRE•NET™ version 5.0 and higher for the following panels and devices:
• ONYX Series
• AM2020/AFP1010 (version 5.0 SIB-NET)
• AFP-200 (version 5.0 NAM)
• AFP-300/AFP-400 (version 5.0 NAM)
• BACnet Gateway
• NCA-2/NCA Network Control Annunciator
• NOTI•FIRE•NET™Web Server

Specifications
**PC version:**
• Requires an ONYXworks® Workstation (see ONYXworks® data sheet DN-7048).
• Operating temperature: 0°C to 49°C (32°F to 120°F).

**Embedded version:**
• Input current: 450 mA @ 24 VDC.
• Input voltage range: 19 VDC to 29 VDC.

**Standards and Codes**
The NOTI•FIRE•NET™ Gateway complies with the following UL/ULC Standards and NFPA 72 Fire Alarm Systems requirements:
– UL 864
– UL 1076
– UL 2017
– ULC S559-04
– ULCS 527-99

**Listings and Approvals**
These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.
• UL / ULC: S5697
• CSFM: 7300-1525:103
Ordering Information

**NFGW-EM-3**: NOTIFIRENET™ Gateway, embedded. Includes PC board, Surge Suppressor (PNET-1).

**NFGW-PC-W**: NOTIFIRENET™ Gateway PC card for wire media (PCI card). Included in ONYXWORKS-NW (UL-listed workstation).

**NFGW-PC-F**: NOTIFIRENET™ Gateway PC card for multimode fiber media (PCI card). Included in ONYXWORKS-NF (UL-listed workstation).

*Additional PC VERSION Gateway required components:*

**NFGW-EM-3**: NOTIFIRENET™ Gateway, embedded.

**NFGW-PC-W**: NOTIFIRENET™ Gateway PC card for wire media (PCI card). Included in ONYXWORKS-NW (UL-listed workstation).

**NFGW-PC-F**: NOTIFIRENET™ Gateway PC card for multimode fiber media (PCI card). Included in ONYXWORKS-NF (UL-listed workstation).

*Local Monitoring*

- ONYXWorks (NFGW-PC-WIFI)
- NFG-3300
- NFG-640
- AM2020 (IP10)

*Remote Monitoring*

- NFGW-EM
- NFG-3300
- NFG-640
- AM2020 (IP10)

*Additional EMBEDDED VERSION Gateway required components:*

- NCM-W or NCM-F for connection to NOTIFIRENET™.
- IBM®-compatible PC with Windows® XP.
- For Gateway versions 3.0 and above, the Gateway is configured over IP or through a cross-over ethernet cable.
- Standard Ethernet network cable with RJ45 connectors.
- CHS-4L with a CAB-4 Series cabinet (for standalone mounting).

*Made in the U.S.A.

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