The

ONYX® Series

**NOTIFIER®**
by Honeywell

The Ultimate
in Fire Protection
Technology

## Flexible, Expandable, Backward Compatible

NOTIFIER's ONYX® Series of intelligent fire alarm control panels have the flexibility and agility to meet the needs of any size application. ONYX Series panels are easily expanded with NOTI-FIRE-NET™, NOTIFIER's intelligent fire alarm network, to keep pace with your fire protection needs. What's more, ONYX Series panels and NOTI-FIRE-NET are completely backward compatible with existing NOTIFIER intelligent systems, so you can add-on or upgrade without having to replace existing equipment.

## Advanced Smoke Sensing Technology

ONYX Intelligent Sensing is an advanced set of software algorithms that delivers a rapid, intelligent response to incipient fire signatures, while substantially reducing nuisance alarms. Specialty sensors supply stability and very early warning capability where unique hazards and environmental conditions exist that prohibit the use of traditional smoke detectors.

## Integrated Multi-Channel Digital Audio

ONYX Digital Voice Command (DVC), NOTIFIER's multi-channel digital audio evacuation and paging system, features eight channels of industry leading quality audio, five firefighter telephone channels, wire or fiber network options, and can broadcast multiple, distinct messages throughout your entire facility simultaneously.
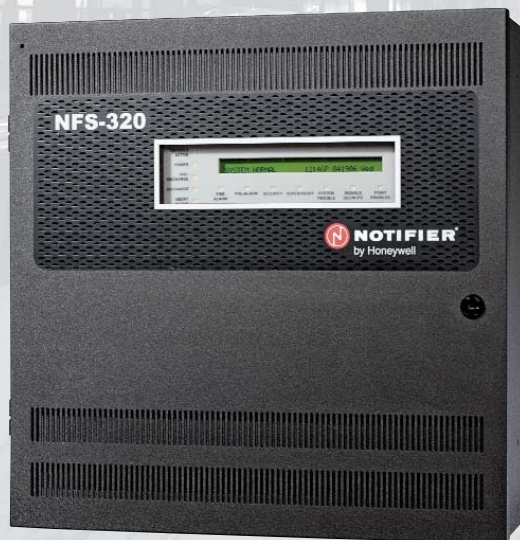
## Easy to Use and Maintain

ONYX Series panels feature full-size QWERTY keypads, large 640 character LCD displays, and intuitive menu options, making it easy for facility managers to perform routine system maintenance, testing, and basic programming functions such as enabling or disabling points. And if an intelligent device is ever damaged and needs replacement, facility personnel can do so quickly and easily without the need for specialty tools or programming software.

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# NFS-320

## Built for Speed

- 1 SLC
- 318 intelligent points (159 detectors/159 modules)
- 4 on-board NACs
- Networkable (NOTI-FIRE-NET)
- 80 character LCD display QWERTY keypad

The NFS-320 is engineered specifically for small applications, incorporating features that minimize installation time, enable faster response times, and simplify maintenance and usability. The NFS-320 offers all the sophistication and premier performance synonymous with the ONYX Series. It just does it on a smaller scale.

## Speed of Installation

With the NFS-320's auto-program feature, fire protection can be established in seconds. Additional programming can be accomplished with the built-in QWERTY keypad, or with the VeriFire tools programming utility.
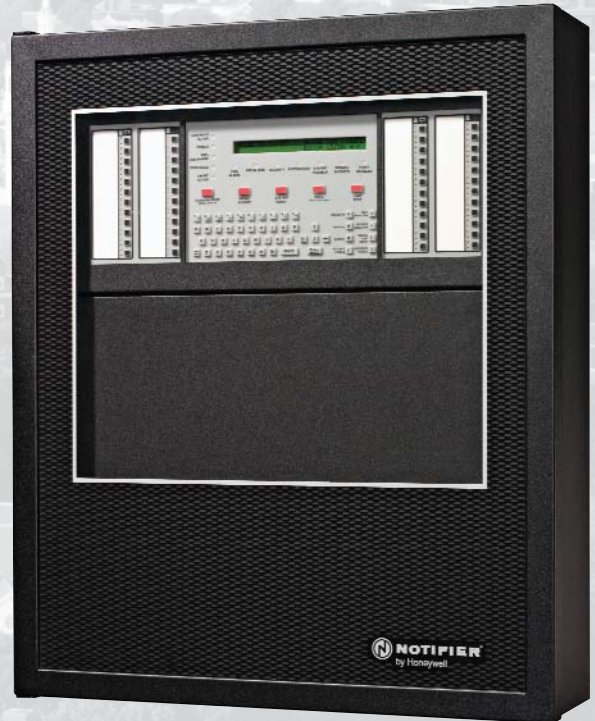
## Speed of Detection

NOTIFIER's patented FlashScan protocol combined with ONYX Intelligent Sensing, featured in every ONYX Series panel, exceeds worldwide code requirements for response time, and ensures a fast, accurate response to smoke and/or heat conditions without compromising system stability.

**Educational Facilities**

# NFS2-640

## Unparalleled Agility

- 1 SLC expandable to 2
- 636 intelligent points (159 detectors/159 modules per SLC)
- 4 on-board NACs
- Optional integrated digital voice evacuation (DVC) support
- Networkable (NOTI-FIRE-NET)
- 80 or 640 character LCD display with QWERTY keypad

The NFS2-640 is engineered specifically for mid-size applications, and easily expanded via NOTIFIER's intelligent fire alarm network, NOTI-FIRE-NET, to accommodate future building expansion.

## Adapts to Your Needs

The NFS2-640's modular design maximizes flexibility and allows customization to your specific fire protection needs. And should those needs change in the future, the NFS2-640 can adapt with the addition, removal, or replacement of system modules.
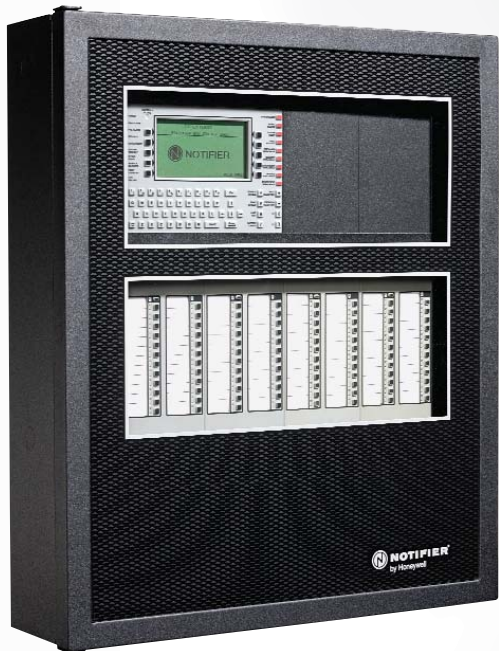
## Adapts to Your Environment

Using ONYX Intelligent Sensing algorithms - built into every ONYX Series panel - the NFS2-640 learns the environment in which the smoke sensors are installed. The NFS2-640 self-optimizes each individual sensor alarm thresholds to speed response times and minimize, if not eliminate, nuisance alarms.

**Data Centers**

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# NFS2-3030

## Sheer Power and Performance

- 1 SLC expandable to 10
- Supports 3,180 intelligent points (159 detectors/159 modules per SLC)
- Optional integrated digital voice evacuation
- Networkable (NOTI-FIRE-NET)
- 640 character LCD display with QWERTY keypad
- 1000 logic equations

The NFS2-3030, with its tremendous point capacity and powerful programming options, is the ideal choice for large scale applications requiring custom solutions and superior performance.

## Customization

The true power of the NFS2-3030 lies in its modular design. A full line of optional panel circuit modules make it highly customizable and capable of addressing the toughest design challenges. The NFS2-3030's multiple annunciator options allows authorized users to view and control the system from virtually anywhere in the facility.

## Capacity

The NFS2-3030 supports over 3,000 intelligent devices on ten Signaling Line Circuits (SLCs) – perfect for protecting towering high-rises or multiple campus buildings with a single panel. And when additional protection is required, the NFS2-3030 can be expanded with additional panels using NOTI-FIRE-NET, NOTIFIER's proprietary intelligent fire alarm network.

**High Rise Buildings**

# Integrated Digital Voice Evacuation

- Eight channels of quality digital audio
- Five channels of firefighter telephones
- Expandable via NOTI-FIRE-NET
- Digital message format eliminates distortion and simplifies changes
- Up to 1000 message strings
- 32 minutes of message storage

ONYX Digital Voice Command (DVC) is NOTIFIER's multi-channel digital audio evacuation and paging system designed for use with the NFS2-640, NFS2-3030 and NCA-2.

Hospitality Facilities

## Superior Message Clarity

From message storage to amplifier output, the voice message remains in a digital format to eliminate distortion and deliver unequaled clarity.

## Broadcast Multiple Messages Simultaneously

ONYX DVC features eight channels of industry leading quality audio, five firefighter telephone channels, wire or fiber network options, and can broadcast multiple, distinct messages throughout your entire facility simultaneously. With ONYX DVC, building occupants will receive clear, concise voice instructions pertaining to their location and proximity to the emergency.

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# NOTI•FIRE•NET™

## Expandability and Survivability

- Fiber optic (multi-mode), wire, or combination wire/fiber communications path
- NFPA Style 4 or Style 7 network operation
- Based on proven ARCNET® technology
- High-speed data communications (312,500 BPS) faster than competitive networks
- Multiple Network Control Annunciators (NCA) or Network Control Workstations may be placed anywhere on the network
- Node failure does not affect any other nodes/communications

The NOTI-FIRE-NET intelligent fire alarm network links multiple NOTIFIER intelligent fire alarm control panels together as one. Each fire alarm panel on NOTI-FIRE-NET maintains individual programming and continues to operate independently, yet cohesively, as part of a unified network.

## Backward and Forward Compatible

NOTI-FIRE-NET is backward compatible with existing NOTIFIER intelligent fire alarm systems, so you can upgrade your current system without having to replace existing equipment.

## Network-wide Display and Control

Network Control Annunciators (NCAs) can be distributed anywhere on the network to provide quick access to fire alarm status information, event locations, and network-wide control functions such as; Acknowledge, Silence and Reset.

**Universities**

# Unified Command and Control

- Operates on local or wide area networks
- 2.0 GHz Pentium® IV processor with 1GB of RAM
- 19" flat-screen LCD monitor
- Operates on Microsoft® Windows® XP Professional
- Rack-mountable PC
- Supports paging for Mass Notification (NOTIFY-IP)
- Supports email notification

ONYXWorks is a single-point-of-control workstation that integrates NOTIFIER systems with other security, card access, and CCTV systems as well as competitors' fire alarm control panels over a single network.

## Works with Competitors

ONYXWorks interfaces with other manufacturer's fire alarm panels, making it ideal for retrofit, upgrade and expansion applications.

## Multiple Systems. One Interface.

With the intuitive ONYXWorks interface, you can view a building's floor plan with interactive fire, security, CCTV, and card access device icons. ONYXWorks uses a common reporting format and includes clear, concise instructions on what actions must be taken for both fire and non-fire events.

Detention Facilities

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# FirstVision®

# ExitPoint™

## Advancing Fire and Life Safety through Technology

### Pinpoint Fire Origin and Migration

ONYX FirstVision® is an intuitive touch screen for firefighters that simplifies emergency scene assessment by pinpointing the origin and migration of a fire. With ONYX FirstVision, emergency responders have the ability to perform a fast, accurate emergency scene size-up, and develop a safer, more effective response effort to reduce or even prevent the loss of life and property. ONYX FirstVision displays critical information from the building lobby and identifies active smoke detectors, and their exact location within the building on a large, graphical depiction of the building floor plan.

### Reduce Evacuation Times by 75%

Using innovative directional sound technology, ONYX ExitPoint can reduce evacuation times up to 75%, preventing injuries and saving lives. ExitPoint acts as an audible exit sign that helps building occupants pinpoint the nearest exit location and guides them to this exit quickly, reliably and safely - even when visibility is impaired.

**Airports**

| Features | Benefits |
|---|---|
| Modular Panel Design | Panels can be customized to fit your needs and accommodate future expansion |
| Common Network Platform | Any and all ONYX Series panels can be linked together via NOTI-FIRE-NET™. |
| Backward Compatibility | Simplifies system expansion and upgrades without having to replace existing equipment |
| Multiple Display Options:<br>• 80 Character LCD Display standard on NFS-320 and optional on NFS2-640<br>• 640 Character LCD Display standard on NFS2-3030 and, optional on the NFS2-640<br>• Displayless, optional on NFS2-640 and NFS2-3030 | • Local annunciation and basic panel programming for local display<br>• Greater detailed alarm annunciation from a local panel or network of panels – gives operators more information<br>• Used in a network application when annunciation is required at a main display area only |
| Notification Appliance Circuits (NACs) have built-in Synchronization | NAC devices activate at the same time, without the need for expensive and cumbersome add on modules |
| Supports a vast array of detection products for the most challenging environments | One system supports detection principles in a host of environments, including typical (office), clean (computer room), and harsh (industrial) environments |
| Remote Addressable Charger Power Supply (ACPS-610) | Offers additional programmable NAC's with built-in synchronization |
| Multichannel Digital Audio | Eight channels of industry-leading quality audio, five firefighter telephone channels, and wire or fiber network options |
| NWS Multi-User Internet Support | Provides remote access to the ONYX series of panels and NOTI-FIRE-NET™, as well as event notification |

**NOTIFIER**®
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For over 50 years, NOTIFIER has been a leader in the fire alarm industry. Today, we are the largest manufacturer of engineered fire alarm systems with over 400 distributors worldwide, and regional support operations on every continent to ensure we provide the flexibility and options your business needs.

NOTIFIER - Leaders in Life. Safety. Technology.

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