

# ONYX SERIES

## One Series...For All Your Needs

One product series for all your fire detection needs. That's why NOTIFIER developed the Onyx™ series of products — and why you can choose the Onyx series with confidence.

Look beneath the aesthetic appeal of the Onyx series high-style, black pattern design. You'll find the most advanced network, panel and peripheral devices available.

We then designed the Onyx series of products to link together so you can create integrated solutions for any fire safety application. You'll also lower overall costs because Onyx series products share common programming, hardware and technology, for:

- Easier installation
- Quicker programming
- Simpler troubleshooting
- More efficient training

The Onyx series offers you a variety of options:

### *Control*

**NFS-640 Panel** — Expandable, networkable and scalable, the NFS-640 is also designed for backward compatibility. It's easy to program and offers three display options.

### *Network*

**Noti-Fire-Net™** — Full local networking of NOTIFIER intelligent systems with two network annunciation and control options

**NCA** — Intuitive 640-character display with on-board keyboard for full network annunciation

**NCS** — PC-based, network workstation with full color graphics display and complete system control capabilities

### *Network (cont.)*

**Uni-Net 2000™** — Full local or wide area networking of NOTIFIER intelligent systems and many competitive fire or building monitoring systems. Includes PC-based workstation and Windows®-based color graphics

### *Voice*

**XPIQ** — This intelligent audio transponder is ideal for multichannel voice evacuation systems. It delivers up to four distinct messages to four separate areas, simultaneously. Efficient, compact design and user-friendly programming cut installation time and save money.

### *Power*

**ACPS** — Addressable Charger Power Supply offers flexible, programmable notification circuits to customize your system without extra wire runs. Built-in strobe synchronization meets code requirements without adding modules. Lets you synchronize multiple ACPS units.

### *Detection*

**Advanced Detection** — Provides stability and very early warning capability where unique hazards and environmental conditions exist that prohibit use of traditional smoke detectors. Includes VIEW®, HARSH™, Acclimate Plus™ and RFX.

All this from one product line — the Onyx series. Contact NOTIFIER today.

Windows is a registered trademark of Microsoft.



# ONYX 640

## Flexible, *Expandable*, Networkable

Small commercial facilities...high-rise buildings...campus complexes...They each have their own special requirements for a fire detection system — and they're all met by the 640 fire alarm control panel, first of the new Onyx series of fire detection products.

The Onyx 640 panel is your best choice because:

### It's Flexible

- Includes three display options
  - Cost-efficient, displayless node
  - Local annunciation, 80-character LCD
  - Intuitive 640-character LCD
- Cabinet offers multiconfiguration options for adding a variety of communication and output modules
- Provides forward and backward compatibility for seamless integration
- Adjusts to fit any application size
- Programmable using either built-in keypad or PC
- Allows up to 319 intelligent, addressable points per loop



### It's Expandable

- One SLC loop, expandable to two
- Single-board design allows multiple units within one enclosure
- System can grow with your facility

### It's Networkable

- Panels function separately or communicate as a network with annunciation via NCA or NCS
- Works with Uni•Net 2000
- Works with Noti•Fire•Net

### It's Faster

- FlashScan™ is the Onyx standard SLC protocol with increased loop capacity — up to 636 devices
- Faster polling/response times exceed worldwide code requirements

## Onyx Series *Power And Flexibility*

Features*	Benefits
All products share common network connection protocol	Simple, cost-effective networking
One SLC loop, expandable to two	Easily accommodates future expansion needs
Single-board, integrated design	Multiple units in a single enclosure, reducing cabinet requirements for efficient use of wall space
Backward compatible	Seamless, easy upgrade of existing NOTIFIER systems
Three display options	
– 80-character LCD	Local annunciation and basic panel programming; no PC required
– 640-character LCD	Greater detailed annunciation, with ability to act as on-board or remote network control annunciator
– Displayless node	Cost-effective when multiple panels are networked using common display(s) (NCA and/or NCS)
Built-in Notification Appliance Circuits with synchronization	Cost-effective installation; no additional synchronization modules required
Works with all NOTIFIER traditional and Advanced Detection products	Single panel covers broad range of detection requirements
Remote addressable power supplies (ACPS)	Meets ADA requirements with cost-effective, built-in synchronization
Multichannel audio	Delivers up to four distinct messages to four different areas simultaneously

\*See pertinent data sheets for details.

# ONYX SERIES

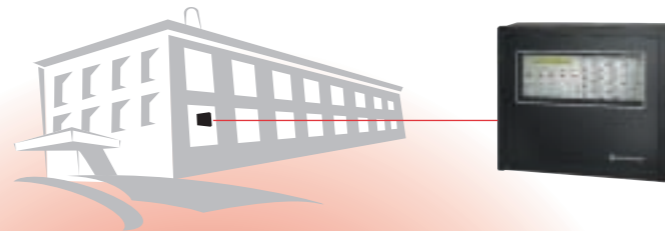
*Adapts To Any Situation*

Built-in compatibility lets you configure the Onyx series of products to fit any application. It also grows with you to meet your expanding business needs.

## *Small Commercial Facility*

### **Fire System Challenge**

- Strobe synchronization
- Simplified training for system operators
- Expandability
- Very early warning detection for data storage area
- Meet local and national codes and standards



### **Onyx Solution**

- Single-loop NFS-640 with 80-character display
- VIEW and photoelectric detectors
- NBG-12LX addressable, manual pull stations
- Horn strobes synchronized by panel built-in NACs



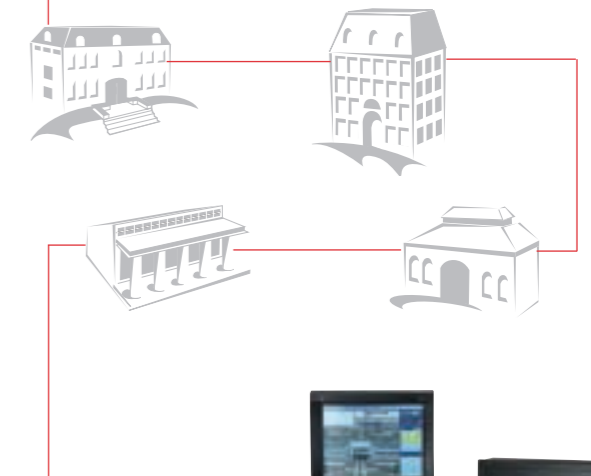
## *High-Rise Building*

### **Fire System Challenge**

- Survivability through networked, distributed intelligence
- Strobe synchronization
- Voice evacuation
- Firefighters telephones
- Remote displays for emergency personnel
- Multichannel audio
- Traditional and Advanced Detection
- Smoke control
- Meet local and national codes and standards

### **Onyx Solution**

- Multiple two-loop, NFS-640 displayless nodes with:
  - Network Control Module
  - Firefighters Telephones
  - Annunciator Control Module
- Audio Message Generator
- Multiple XPIQ audio transponders
- Distributed 640-character Network Control Annunciators (NCA's)
- VIEW detectors for data processing/telephone equipment
- HARSH detection on mechanical floor and elevator penthouses
- Acclimate Plus detection for office areas
- NBG-12LX addressable, manual pull stations
- Speaker strobes



## *Campus Style*

### **Fire System Challenge**

- Networked for single-point control and graphic annunciation at security office
- Strobe synchronization
- Paging within each building
- Displays distributed throughout campus
- Library building with wiring challenge
- Meet local and national codes and standards

### **Onyx Solution**

- Two-loop NFS-640 with on-board NCA (640-character display) at each building
- Network Control Station (NCS) connected to NFS-640 panels via fiber optic cable
- Individual graphic floor plans displayed on NCS
- Speakers with synchronized strobes
- RFX wireless interface and detectors in library building

# ONLYX™

## SERIES

The Optimum Solution  
*In Fire Protection*



Australia  
Benelux  
Brasil  
Canada  
Chile  
China  
Germany  
Hong Kong  
India  
Italy  
Jordan  
Lebanon  
Mexico  
Qatar  
Singapore  
South Africa  
Spain  
Sweden  
United Kingdom  
Venezuela

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