The Ultimate in Life Safety and Emergency Communications Technology

Flexible, Expandable, Backward Compatible

NOTIFIER's ONYX® Series of intelligent fi re alarm control panels have the fl exibility to meet the needs of any size application. ONYX® Series panels are easily expanded with NOTI-FIRE-NET™, NOTIFIER's intelligent fi re alarm network, to keep pace with your life safety 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 devices.

Advanced Detection Technology

ONYX® detection delivers a rapid, intelligent response to incipient fi re signatures while substantially reducing nuisance alarms. Specialty detectors supply stability and very early warning capability where unique hazards and environmental conditions exist that prohibit the use of traditional smoke detectors.

Integrated Audio Evacuation and Paging

ONYX® Digital Voice Command (DVC), NOTIFIER's multi-channel digital audio evacuation and paging system, features eight channels of industry-leading quality audio, fi ve fi refi ghter telephone channels, wire, fi ber or hybrid options, and can broadcast multiple, distinct messages throughout an entire facility or across a campus simultaneously.

Easy to Use and Maintain

ONYX® Series panels feature full QWERTY keypads, large 80-640 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. If an intelligent device is ever damaged and needs replacement, facility personnel can do so quickly and easily without the need for special tools or programming software.

NFS-320 – Built for Speed

The NFS-320 is engineered 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 of the ONYX Series.

Speed of Installation and Detection

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

NOTIFIER's patented FlashScan protocol combined with ONYX® Advanced Detection, featured in every ONYX® Series panel, exceeds worldwide code requirements for response time, and delivers a fast, accurate response to smoke,
carbon monoxide, and/or heat conditions.

Features

- One Signaling Line Circuit (SLC) with 318 devices (159 detectors and 159 modules), Style 4, 6 or 7
- Four Class A/B built-in NAC (Notifi cation Appliance Circuits)
- Fully fi eld programmable
- Removable chassis design for easy installation and service
- Direct connect to NOTIFIER FirstCommand™ Emergency Communications System
- Networkable with NOTI-FIRE-NET™, High Speed NOTI-FIRE-NET™, and ONYXWorks® compatible up to 200 nodes for NFN
- Optional IP or GSM Communicator
- Listings: Releasing, Mass Notifi cation, Seismic Certifi ed, Marine Approved

Applications: Nursing Homes, Elementary Schools, Places of Worship, Retail, Medical Offi ces

NFS2-640 – Unparalleled Flexibility

The NFS2-640 is ideal 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 and Environment

The NFS2-640's modular design maximizes fl exibility and allows customization to your specifi c life safety needs. And should those needs change in the future, the NFS2-640 can adapt with the addition or removal of system modules.

The NFS2-640 self-optimizes each individual sensor alarm thresholds to speed response times and minimize, if not eliminate, nuisance alarms.

Features

- One Signaling Line Circuit (SLC), expandable to two, Style 4, 6 or 7
- 318 devices per SLC (159 detectors and 159 modules), 636 devices per panel or network node
- 80-character, 640-character, or displayless (network node) operator interface options
- ONYX Intelligent Sensing - nine levels of sensitivity, drift compensation and maintenance alert, and auto detector test
- 6.0 Amp switch mode power supply
- Fully fi eld programmable with 80-character display
- Optional Integrated Digital Voice Command with eight channels of high quality digital audio and fi refi ghter telephone on a single cable
- Networkable with NOTI-FIRE-NET™, High Speed NOTI-FIRE-NET™, and ONYXWorks compatible up to 200 nodes for NFN
- Optional IP or GSM Communicator
- Listings: Releasing, Mass Notifi cation, Seismic Certifi ed, Marine Approved

Applications: Dormitories, Warehouses, Big Box Retail Stores, Low-rise Offi ce Buildings, K-12 Schools, Theaters

NFS2-640
Fire Alarm
Control Panel

NFS-320
Fire Alarm Control Panel

Digital or Analog Audio Loop*

EIA-485

FDU-80

EIA-485

EIA-485

Integrated Digital Voice Evacuation

Speaker Circuit

Firefighter Telephone Circuit

Digital Audio Amplifier*

NFS2-640 must have an NCA-2 (not shown) to support Digital Audio Amplifiers

FSP-851
Photo Detector

FAPT-851
Acclimate Plus
Detector

EIA-232

PRN-6 Printer

FCO-851
IntelliQuad™ PLUS
Photo/CO Detector

FSL-751
VIEW Detector

EIA-485

ACM-24AT

LCD2-80

Speaker Circuit

Speaker Circuit

NOTIFIER FirstCommand™ NFC-50/100

NOTIFIER FirstCommand™
Voice Evacuation System

DNR
Duct Detector

FST-851
Thermal Detector

FWSG
SWIFT™ Wireless
Gateway

FWD-200P
Wireless Smoke
Detector

FWD-200
Acclimate
Wireless Detector

FWH-200ROR135
Wireless ROR
Heat Detector

FWH-200FIX135
Wireless Fixed
Heat Detector

FSC-851
IntelliQuad™
Multi-Criteria
Detector

XP Series
Multi-Module

FMM-1
Monitor Module

C01224T

FW-MM
Wireless
Monitor Module

XCD
Gas Detector

FMM-1
Monitor Module

FZM-1
2-Wire Detector
Monitor Module

2151
Photo Detector

NBG-12LX
Addressable
Manual Pull Station

ACPS-610
Addressable Charger
Power Supply

P2R
Horn/Strobe

P2R
Horn/Strobe

P2R
Horn/Strobe

Intelligent Devices

Peripheral Devices

NFS2-3030 – Sheer Power and Performance

The NFS2-3030, with its impressive point capacity and powerful programming options, is the complete solution for large scale applications requiring superior performance.

Customization

The modular design of the NFS2-3030 allows authorized users to view and control the system from anywhere in the facility.

Capacity

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

Features

- Up to 10 Signaling Line Circuits Style 4, 6 or 7
- Point Capacity: Up to 159 detectors and 159 modules per SLC
- Large 640-character LCD backlit display or displayless
- Networkable with NOTI-FIRE-NET™, High Speed NOTI-FIRE-NET™, and ONYXWorks® compatible up to 200 nodes for NFN
- Built-in Degraded Mode option.
- Include 9 levels of alarm and pre-alarm, cooperative sensing and self-optimizing pre-alarm
- Optional integrated Digital Voice Command (DVC)
- EIA-485 annunciators, including custom graphics
- Optional IP or GSM Communicator
- FM6320 approved gas detection system
- Listings: Releasing, Mass Notifi cation, Seismic Certifi ed, Marine Approved

Applications

- Colleges and Universities
- Hospitals
- High-rise Buildings
- Hotels
- Airports
- Military Bases
- Stadiums

Digital Voice Command – Integrated Emergency Communications

ONYX® Digital Voice Command (DVC) is NOTIFIER's most powerful Emergency Communications System (ECS), designed to communicate one- or two-way emergency messages to individuals and groups, plus paging with the NFS2-640 and NFS2-3030.

NOTIFIER's solutions are scalable, ECS technologies that can be implemented in phases and integrated as they're brought online - enhancing continuity and control.

Superior Message Clarity

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

Broadcast Multiple Messages Simultaneously

ONYX® DVC features 8 channels of industry leading quality audio, 5 fi refi ghter telephone channels, wire, fi ber or mixed media networking options, and can broadcast multiple, distinct messages throughout your entire facility simultaneously. With ONYX® DVC, building occupants will receive clear voice instructions pertaining to their location and proximity to the emergency.

Features

- Up to 32 minutes of standard quality or 4 minutes of high quality digital audio storage of user-selected/created messages and tones. Wire, single- and multi-mode fi ber-optic media options
- 4-channel analog audio supported with optional DVC-AO
- Up to 1000 audio sequences.
- Message prioritization
- Flexible programming for distribution of messages
- Direct connection with up to 32 Digital Audio Loop (DAL) devices.
- Optional DS-RFM, DS-FM, and DS-SFM fi ber modules may be used to convert one or both Digital Audio Ports for operation with single-mode or multi-mode fi ber
- DCC (Display and Control Center) capabilities when used with optional DVC-KD
- Firefi ghters' Telephone Communications to local FFT riser on DVC, 32 local DAL device FFT risers, and FFT communication to additional command stations
- Listings: Mass Notifi cation, Seismic Certifi ed

Digital or Analog Audio Loop*

EIA-485

EIA-485

EIA-232

Integrated Digital Voice Evacuation


Speaker Circuit

Firefighter Telephone Circuit

Digital Audio Amplifier


Speaker Circuit

Firefighter Telephone Circuit

Digital Audio Amplifier


FSP-851
Photo Detector


FAPT-851
Acclimate Plus
Detector


PRN-6 Printer


FCO-851
IntelliQuad™ PLUS
Photo/CO Detector


FSL-751
VIEW Detector


LCD-160* Display


LCD2-80*


SCS
Smoke Control Station


Custom Graphics
Annunciator


ACM-24AT


DNR
Duct Detector


FST-851
Thermal Detector


FWSG
SWIFT™ Wireless
Gateway


FWD-200P
Wireless Smoke
Detector


FWD-200
Acclimate
Wireless Detector


FWH-200ROR135
Wireless ROR
Heat Detector


FWH-200FIX135
Wireless Fixed
Heat Detector


FW-MM
Wireless
Monitor Module

Analog Audio Risers

Digital Audio Risers

Phone Risers


FSC-851
IntelliQuad™
Multi-Criteria
Detector


XP Series
Multi-Module


FMM-1
Monitor Module


CO1224T


XCD
Gas Detector


FMM-4-20
4-20 MA Module


FZM-1
2-Wire Detector
Monitor Module


2151
Photo Detector

NBG-12LX
Addressable
Manual Pull Station


ACPS-610
Addressable Charger
Power Supply


P2R
Horn/Strobe


P2R
Horn/Strobe


P2R
Horn/Strobe

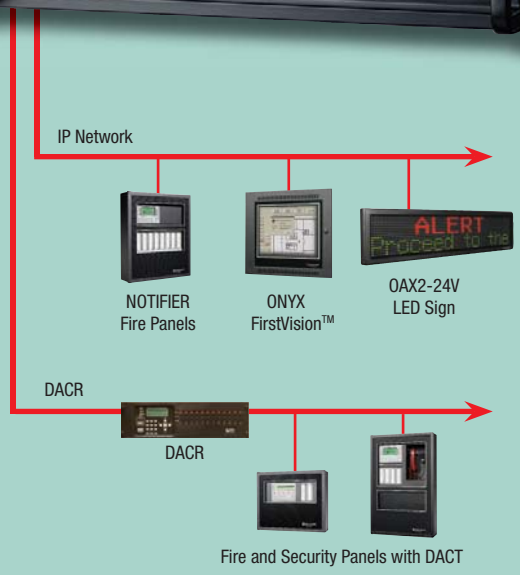
Intelligent Devices

Peripheral Devices

Networking &Integration

Unite Multiple Systems into One with ONYXWorks®

ONYXWorks® gives you total control over your life safety system. Whether you need to monitor a single building, a campus, or a citywide or global enterprise, ONYXWorks® is a single-point-of-control workstation that integrates NOTIFIER systems over a single network.



Fire and Security Panels with DACT

Gives you total control over your system

Highly Intuitive Interface

The intuitive ONYXWorks® interface displays building fl oor plans with interactive, fi re, security, and includes clear, concise instructions on what actions must be taken for both fi re and non-fi re events. Customizable screens and multiple confi guration options facilitate set up, minimize operator training and allow you to adapt the system to your needs.

Speak Locally, Act Globally, with NOTIFY-IP

When responding to an event, a coordinated response can save lives and preserve property. NOTIFY-IP, a plug-in to ONYXWorks, broadcasts encrypted, real-time voice instructions to a single facility or to multiple locations worldwide using an IP network connection. With NOTIFY-IP, the network connection is continuously monitored to ensure system integrity and reliability.

ONYXWorks System Features

- Supports NOTIFIER's NOTI-FIRE-NET and High Speed NOTI-FIRE-NET™ networks
- Connects new and existing equipment into a Local Area Network (LAN) or Wide Area Network (WAN)
- Supports Digital Alarm Communicator Receiver interface for monitoring of remote panels
- Graphic Editing mode allows for on-site or off-site programming of fl oor plan screens, devices and navigational buttons
- Windows® 7 64 bit platform
- Solid state hard drive for enhanced survivability
- Alpha-numeric pager support
- E-mail notifi cation
- Displays real-time event messaging on LED Sign from the NOTI-FIRE-NET™
- Supports the monitoring and control of aspirating detectors from NOTIFIER's Intelligent Aspirating System Detectors (FAAST™) and VESDAnet Network

NOTI-FIRE-NET™ – Peace of Mind with Enhanced Survivability

The NOTI-FIRE-NET™ intelligent life safety network links multiple NOTIFIER intelligent fire alarm control panels together as one for cooperative control and network-wide monitoring. Each fire alarm panel on NOTI-FIRE-NET™ maintains individual programming and continues to operate independently, yet cohesively, as part of a unified network. This prevents the loss of a single node from compromising other panels. The result is greater system survivability.

Easily Accommodates Future Growth

NOTI-FIRE-NET™ supports all ONYX® Series panels and is backward compatible to Legacy NOTIFIER Fire Alarm Control Panels, so you can upgrade your current system without having to replace existing equipment. As your facility grows, it is easy to expand the network to meet your needs.

NOTI-FIRE-NET System Features

- Supports ONYX® Series fi re alarm control panels: NFS-320, NFS2-640, NFS2-3030 (NFS-3030, NFS-640)
- Network Control Annunciator to annunciate network events and provide network control
- BACnet Gateway supports industry standard BACnet/IP connectivity to Building Automation Systems
- Modbus Gateway supports industry standard Modbus/IP connectivity to industrial control systems
- The Common Alerting Protocol (CAP) Gateway supports industry standard CAP connectivity to Distributed Recipient's Mass Notifi cation Systems (DRMNS)
- Interfaces to the Xtralis™ VESDAnet network using a VESDA-HLI Gateway
- OAX2-24V LED Sign displays real-time event monitoring and messaging override ability
- NOTI-FIRE-NET™ Web Server (NWS) provides remote read status capabilities, instant e-mail and text messaging
- ONYX FirstVision™ technology is an intuitive touch screen display for fi rst responders

High Speed NOTI-FIRE-NET System Features

- Supports all ONYX® Series Fire Alarm Control Panels
- Supports NWS, FirstVision™, BACnet and Modus, CAP, VESDA-HLI, SLC-IM and LED Sign Gateway applications
- Increased network node capacity to 200 nodes for large applications
- Increased network communication speeds to 12Mb for Wire and 100Mb for Multi-Mode and Single-Mode Fiber

ONYX FirstVision™

ONYX FirstVision™ Points the Way

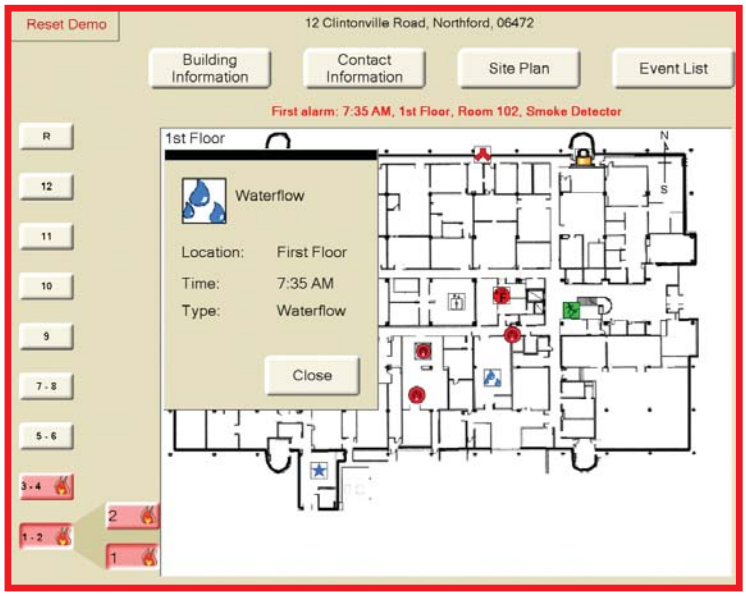
In an emergency, the only thing more important than speed is reliable information. With ONYX FirstVision™, a first responder or incident commander goes directly to the system's interactive touch screen to quickly assess critical information, such as the origin of a fire, how fast and in which direction it is spreading, and the access or exit routes that are affected. Armed with this knowledge, firefighters and other emergency personnel can quickly develop and execute a safer, more effective response that can potentially reduce the loss of property and life.

Get the Whole Picture, Quickly and Accurately

Current annunciators only display information from the fi re alarm control panel, usually no more than which devices are in alarm. On its 22" LCD, wall mounted touch screen, ONYX FirstVision™ displays entire fl oor plans with the location of all active alarm system devices, potential hazards, additional access and egress routes, as well as standpipe, stairway and emergency shutoff locations throughout the building. Anything that might help or hinder an emergency responder is clearly indicated.

See the Whole Campus or a Single Detector

Using ONYX FirstVision™, emergency responders quickly identify any and all areas of concern within an individual building or multiple buildings throughout a campus. With an entire campus in their view, incident commanders can direct arriving personnel and apparatus to strategic positions around the emergency. Then, with just a few touches of the screen, they can narrow their focus down to an individual building, fl oor, or room -even a single, activated smoke detector.



Emergency Communications

From Localized Emergencies to Global Events – Inform Everyone.

In a wide scale emergency, keeping people informed is critical to keeping them safe. Notifying more people of a dangerous and potentially life threatening situation can prevent further injuries and save more lives. Such situations require an emergency communications system to broadcast live, up-to-the minute emergency information to everyone in a building, campus, or multiple facilities spread across a city, state…even the globe.

Giant Outdoor Voice Integrated with Whelen Speaker Arrays

A wide variety of notification appliances are available, including Giant Voice to notify individuals who may be outside of a building or in remote locations of a campus.

Distributed Digital Voice Evacuation

Digital Voice Command (DVC) systems can be distributed throughout multiple buildings and linked together via the NOTI-FIRE-NET™ intelligent network. Each system can operate independently in case of a building-specific emergency, or cohesively as part of a unified emergency communications system for large-scale emergencies. Using the DVC command center, authorized personnel can distribute emergency voice messages to an entire campus or just to specific areas. ***Applications include Universities, High Rise Buildings, Corporate Campuses, Industrial Facilities, Chemical and Utility Plants, Ports, Mass Transit Hubs, Sports Arenas, and Government Complexes.***

Worldwide Emergency Notification over IP Technology

NOTIFY-IP uses voice over IP technology to send live, direct voice instructions for preserving life and property throughout a large facility, campus, or multiple facilities across the world. Within seconds, facilities all over the world can be notified of a potential or existing emergency. Activation of NOTIFY-IP is simple; the operator selects the desired paging location(s), clicks the “Start Paging” button, and speaks into the microphone with the appropriate emergency message. ***Applications include Global Corporations, Industrial Facilities, Chemical and Utility Plants, Ports, Mass Transit Hubs, Sports Arenas, and Government Complexes.***

NOTIFIER FirstCommand™ – Integrated, Expandable Emergency Communications

NOTIFIER's FirstCommand™ is a compact, standalone voice evacuation and emergency communications system that can be used in many common building types to meet life safety code or end user requirements for voice or paging during an emergency. It's an integrated system that can be easily expanded to include many of the advanced features found in NOTIFIER's more sophisticated Digital Voice Command system such as backup amplification, remote microphones, firefighters telephones, local operating consoles and remote paging units.

NOTIFIER FirstCommand™ Integration

With direct integration to NOTIFIER's addressable ONYX® or ProWarden panels, the fire alarm control panel can take direct control of FirstCommand™ during an incident. The fire alarm control panel and FirstCommand™ will act as one unit in identifying the alarm location and responding with the correct message appropriate for that incident or emergency. Programming the integrated FirstCommand™ system is done via a serial communications by using a built in programming utility from a laptop with a web browser. NOTIFIER FirstCommand™ can be added to buildings with non-NOTIFIER fire panels via contact closures and make the most of fire panels already installed.

Powerful Features

The FirstCommand™ main unit has 50 watts of audio power with the option of sending the message to up to eight discrete speaker circuits. The addition of a second, optional amplifier raises the power output to 100 watts or 50 watts of backup power. Up to fourteen unique messages can be stored in FirstCommand™ and then directed to the areas of the building where the emergency is unfolding either automatically via programming or manually by the incident commander. Distributed amplifiers can be added to the main unit for system expansion up to 1,100 watts of speaker power split over 24 speaker circuits. If called for by the system designer, up to a total of eight Local Operating Consoles (LOCs), Remote Paging Units (RPUs), or Remote Microphones (RMs) can be added to FirstCommand™ via an easy-to-wire interface. LOCs or RPUs can be installed through the building. If an incident occurs near a LOC or RPU, more precise incident management is possible.

Wireless Technology

NOTIFIER's SWIFT™ Wireless Integrated Fire Technology – Reliable wireless fire detection fully integrated with ONYX® fire alarm systems.

NOTIFIER's wireless solution interfaces with intelligent fire systems to create a robust mesh network with UL listed Class A communication mesh protocol.

The SWIFT™ wireless system interfaces seamlessly with current ONYX® fire alarm control panels, a wireless gateway (FWSG), and the wireless devices (detectors and module). SWIFT™ systems can be configured with simple tools, but the optional SWIFT TOOLs software suite can be used with the W-USB radio/antennal on a Windows laptop to provide detailed information on site survey, mesh formation, and system diagnostics.

Fully Integrated

SWIFT™ detectors report sensing values to the panel, so that FlashScan advanced detection features are fully used. Detector sensitivity can be adjusted at the panel, and features such as cooperative detection may be applied. In addition, compatible ONYX® panels report unique wireless events on the panel display, such as low battery trouble.

Wireless Devices

- Photo
- Acclimate®
- Standard heat
- Rate-of-rise heat
- monitor module

Capable

Each SWIFT™ wireless mesh can support up to 50 devices (one gateway and up to 49 wireless devices). Multiple gateways can be installed on a single ONYX panel, or on multiple panels in the same area. The number of gateway systems is limited by the address capacity of the panel, and a maximum of four gateway systems in the same wireless space. In cases where repeaters are required to establish a robust system, a monitor module or any SWIFT™ device may be used to extend the reliable range of the mesh without imposing premium cost penalties typical of competitive systems.

Reliable

A unique proprietary spread spectrum frequency hopping cascading wave wireless mesh protocol has been optimized for the needs of life safety systems, with Class A operation that uses multiple communication paths for every message, and robust self-healing capabilities that can adapt to changing building environments.

Built to Last

The SWIFT™ system was designed with maintenance in mind. SWIFT™ devices use familiar code wheel addressing that fits with the wired intelligent devices on the system. Each SWIFT™ wireless device is powered by four CR123A lithium batteries for an expected two plus years of operation. (Currently UL listed for one year of operation, with further testing scheduled). SWIFT TOOLS provides detailed information on the operation of a SWIFT™ mesh network, including battery strength, signal strength for each link, system snapshots, and detailed history reports, providing technical support with the information needed to build and maintain healthy wireless systems.

Applications: Museums, Historical Buildings, Places of Worship, Hotel Lobbies/Hotels, Parking Garages

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Advanced Detection

Speed, Stability, and Reliability

NOTIFIER's ONYX® Series intelligent life safety systems respond rapidly to incipient fire signatures with unmatched precision. At the same time, they significantly reduce the occurrence of nuisance alarms. It's all made possible by NOTIFIER's ONYX® Advanced Detection technology. ONYX® Advanced Detection is comprised of two key elements: a set of complex software algorithms found in all ONYX Series fire alarm panels and a suite of advanced, specialty detectors. From mission-critical applications where even a trace amount of undetected smoke is unacceptable, to environments where the presence of dust, moisture, or theater smoke is the norm, ONYX Advanced Detection is the answer.

IntelliQuad™ PLUS – Combination Smoke / Carbon Monoxide (CO) Detector

NOTIFIER's IntelliQuad™ PLUS detector is a plug-in, addressable device that provides both fire and Carbon Monoxide (CO) detection. For fire, the detector combines four separate sensing elements in one unit (smoke, CO, infrared, and heat) to sense multiple components of a fire. This approach has enhanced sensitivity to real fire with heightened immunity to nuisance particulate. For CO, the detector's electrochemical sensing cell creates a separate signal for life safety CO detection. When used together with our addressable sounder base, you can replace as many as four separate devices for a cleaner and more efficient installation.

IntelliQuad™ – The Ultimate Multi-criteria Detector

IntelliQuad™ senses smoke particulates, carbon monoxide (CO), heat, and infrared signatures simultaneously to determine the presence of a fire condition. Sensor readings are continually evaluated against one another, allowing the detector to operate normally with high immunity to nuisance conditions, while quickly responding to true alarm events.

Acclimate™ – Self-optimizes, Senses Heat and Smoke

The Acclimate™ Plus detector combines thermal and photoelectric technologies into a single device. It constantly monitors ambient heat and particulate conditions, adjusting sensitivity parameters and alarm thresholds automatically to maximize detection across a broad range of fire types.

VIEW™ Laser Detector – Super Sensitive Spot-type Detection

The VIEW™ laser smoke sensor is programmable to be up to 100 times more sensitive than standard photoelectric smoke detection technology. VIEW™ is ideal for critical applications where even a trace of undetected smoke is unacceptable or where high air flows can make traditional smoke detectors ineffective.

Aspirating Smoke Detection – Early Warning in Challenging Environments

Intelligent Fire Alarm Aspiration Sensing Technology® (FAAST) provides early warning to investigate and potentially forestall an impending fire hazard. With a wide sensitivity range and multi-level warnings, even minute levels of smoke can be detected before a fire has time to escalate.

The FAAST family of intelligent aspiration detectors includes the FAAST single pipe detector capable of covering up to 5,000 sq. ft., and the FAAST XT four pipe detector which is suitable for applications up to 28,000 sq. ft.

Intelligent FAAST units are truly integrated with ONYX systems via direct connection with the SLC using FlashScan protocol, or using other flexible options such as build-in relays or connection to the building's Ethernet portal to provide access and monitoring from anywhere in the world. FAAST detectors are approved for Class 1 Div 2 applications.

Gas and Flame Detection

Fully Integrated Gas and Flame Detection

Almost anywhere that people gather for work or leisure, indoors or out, there is a potential risk of exposure to toxic or flammable gases. Whether it is a school, dormitory, office building, shopping center, swimming pool, manufacturing plant or warehouse, it is important to protect people, and to comply with legal requirements for gas monitoring. In addition to protecting building occupants, gas detection systems can also prevent untimely and costly business disruptions.

An Added Level of Protection

With over 60 years experience leading the fire alarm industry, NOTIFIER understands life safety. Hazardous and toxic gases are present in virtually every commercial environment and can threaten the safety of building occupants. That's why NOTIFIER offers a comprehensive suite of gas detection products for a wide range of commercial and industrial environments—all of which integrate seamlessly with our proven life safety systems.

Programmable Event Threshold Maximizes Flexibility

The FMM-4-20 module is user programmable for up to five different event thresholds, which are based on the concentration level of the gas being monitored. When the gas reaches a designated threshold, the NFS2-3030 system responds by executing the appropriate pre-programmed response. Events can be individually labeled as any one of the following conditions: Fire, Security, Supervisory, Non-Fire Trouble, Pre-Alarm, Non-Fire, and Critical Process. The NFS2-3030 with FMM-4-20 module is an FM 6320 approved gas detection system.

The Need for Flame Detection

While the use of heat and smoke detection covers many traditional applications, the addition of flame detection offers a higher level of protection in critical, high-risk and high-value installations. Honeywell's Fire Sentry series of flame detectors includes a broad offering of industry leading flame detection options, providing solutions for everything from safe areas to harsh and high risk applications …and everything in between. Regardless of the area you're protecting - boiler rooms, paint booths, fuel storage / refueling facilities, gas and oil production facilities, or aircraft hangars – Honeywell's Fire Sentry series of flame detectors has the right product for the job.

The FireWarden Series

FireWarden-50 – A Non-Conventional Approach

The FireWarden-50 is perfect for smaller buildings requiring a minimal amount of initiating and notification devices - installations typically served by conventional panels. Offering all the benefits of addressable technology, including support for up to 50 addressable devices of any type on a single SLC loop, the FireWarden-50 represents a highly competitive and favorable alternative to today's conventional systems.

Features

- One Style 4, 6, or 7 SLC
- Supports up to 50 addressable devices (any mix of detectors and modules)
- Two Class A or B, independently programmable NACs
- 2.7 amp power supply
- Integrated Digital Alarm Communicator Transmitter (DACT)
- Optional IP or GSM Communicator
- 80-character LCD display
- Up to 8 remote annunciation devices: 80-character LCD, graphic annunciator, printer

Applications

banks, child care centers, places of worship, restaurants, and small retail stores.

FireWarden-100-2 – An Intelligent Option

The FireWarden-100-2 is designed for applications requiring more advanced addressable intelligence, flexible programming options, and robust power supply for driving horns, strobes, and auxiliary devices.

With features such as remote upload/download programming and diagnostics, point identification, drift compensation, built in DACT, and NAC synchronization, the FireWarden-100-2 delivers big system performance on a smaller scale.

Features

- One Style 4, 6, or 7 SLC
- Up to 198 addressable devices, (99 detectors/99 modules)
- Four Class B or two Class A NACs
- 3 amp power supply, expandable to 6 amps
- Up to 32 remote annunciators: 80-character LCD
- Integrated Digital Alarm Communicator Transmitter (DACT)
- Optional IP or GSM Communicator
- 80-character LCD display

Applications

cinemas, department stores, food stores, elementary schools, and small nursing homes or assisted living facilities.

The FireWarden Series

NOTIFIER FirstCommand™ Emergency Communications – Quick and Easy Integration

NOTIFIER's FirstCommand™ is optimal for small facilities that require voice evacuation or emergency communications systems. FirstCommand™ voice evacuation, paging, and separate firefighter telephone system integrates quickly and easily with new or existing NOTIFIER life safety systems, or any other competitive panel.

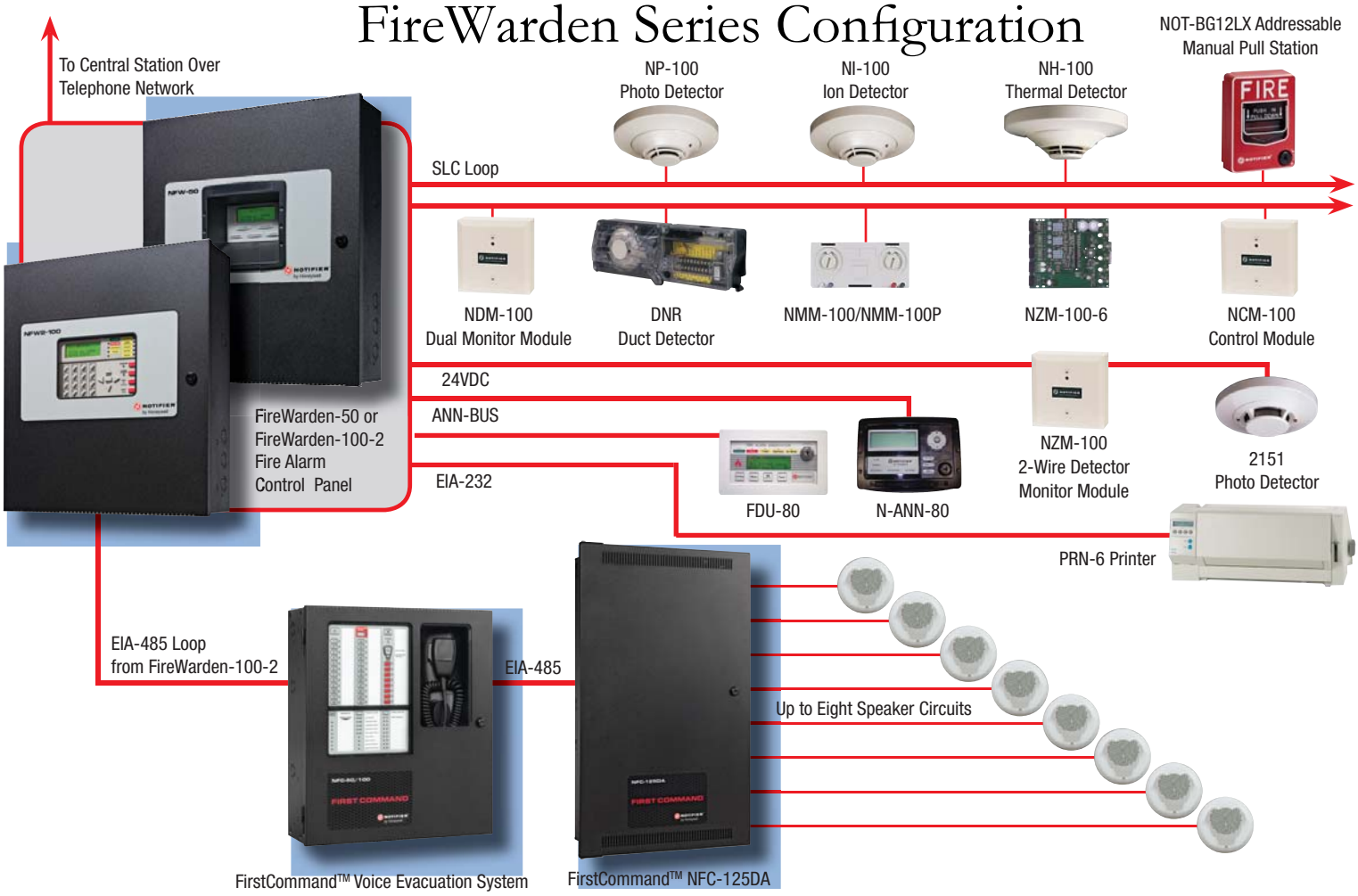
Applications

auditoriums, theatres, restaurants, places of worship, and museums.

Features

- Single or dual, independently programmable, 50 watt speaker circuits
- Each fi eld-recordable message can be 60 seconds
- Up to 14 distinct messages
- All-call feature
- Live paging with built-in microphone
- Supports multiple Local Operator Consoles (LOCs) or Remote Paging Units (RPUs)

FireWarden Series Configuration



Small Scale Solutions and Communicators

SFP-5UD
5-Zone Control Communicator
- 5 Class B/Style B zones (Class A/Style D with option module)
- 4 Class B/Style Y NACs (Class A/Style Z optional)
- Optional IP Communicator

SFP-10UD
10-Zone Control Communicator
- 10 Class B/Style B zones (Class A/Style Z with option module)
- 4 Class B/Style Y NACs (Class A/Style Z optional)
- Optional IP Communicator

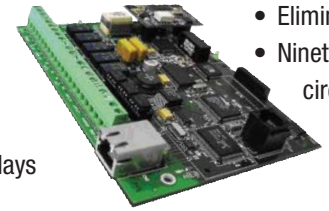
SFP-2402
2-Zone Control
- 2 Class B/Style B zones; i3 ready
- 1 Class B/Style Y NAC, 3.0 Amps and programmable strobe synchronization
- Form C Alarm and Trouble relays

SFP-2404
4-Zone Control
- 4 Class B/Style B zones (Class A/Style D optional); i3 ready
- 2 Class B/Style Z NACs (Class A/Style Z optional), 3.0 Amps expandable to 6.0 Amps with programmable strobe synchronization
- Form C Alarm, Trouble and Supervisory relays

RP Series Releasing Controls
- Two models – RP-2001 for pre-action deluge, RP-2002 for agent release
- Six zones – cross zone, abort and manual release
- Four Notification Appliance Circuits – 2 for release, 2 for warning

411 Series Communicators
- Three models available:
  411 – Slave Communicator
  411UD – Slave Communicator with upload/download
  411UDAC – Stand-alone Communicator with upload/download
- Up to four input channels (three on the 411)
- Fully programmable with PRO-411 or with Windows® utility (up/download models)

IPGSM-4G Communicator
- IPGSM-4G Fire Alarm Communicator
- Eliminates phone line expense
- Multiple path for improved connectivity



IP Communicator
- IPDACT-2/UD Fire Alarm Communicator
- Eliminates standard phone line expense
- Ninety second supervision of communication circuit