A World of Solutions

Life Safety and Emergency
Communications Systems
Information Guide

NOTIFIER®
by Honeywell

A World of Solutions

Leaders in Life. Safety. Technology

NOTIFIER continuously develops new solutions that improve life safety in buildings worldwide—an unwavering commitment for over sixty years. Together with our premier independent distributors, we design, manufacture, integrate, install and service the world's leading fire, voice evacuation, and advanced detection systems. Now we lead the way with powerful Emergency Communications Systems (ECS) to save lives and protect property from new and emerging threats using today's most innovative communication and networking technologies.

When lives are at risk, trust NOTIFIER total life safety solutions to protect what matters most.

NOTIFIER®
by Honeywell

The Ultimate in Life Safety and Emergency Communications Technology

Flexible, Expandable, Backward Compatible

NOTIFIER's ONYX® Series of intelligent fire alarm control panels have the flexibility 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 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.
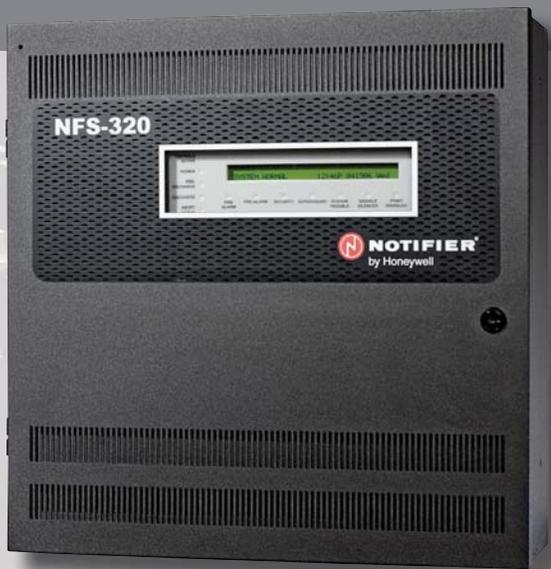
Advanced Detection Technology

ONYX® detection delivers a rapid, intelligent response to incipient fire 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, five firefighter telephone channels, wire, fiber 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

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® 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 (Notification Appliance Circuits)
• Fully field programmable
• Removable chassis design for easy installation and service
• Direct connect to First Command 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
• Listed for releasing

Applications

• Nursing Homes
• Elementary Schools
• Places of Worship
• Retail
• Medical Offices

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

Adapts to Your Environment
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 field programmable with 80-character display
- Optional Integrated Digital Voice Command with eight channels of high quality digital audio and firefighter 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
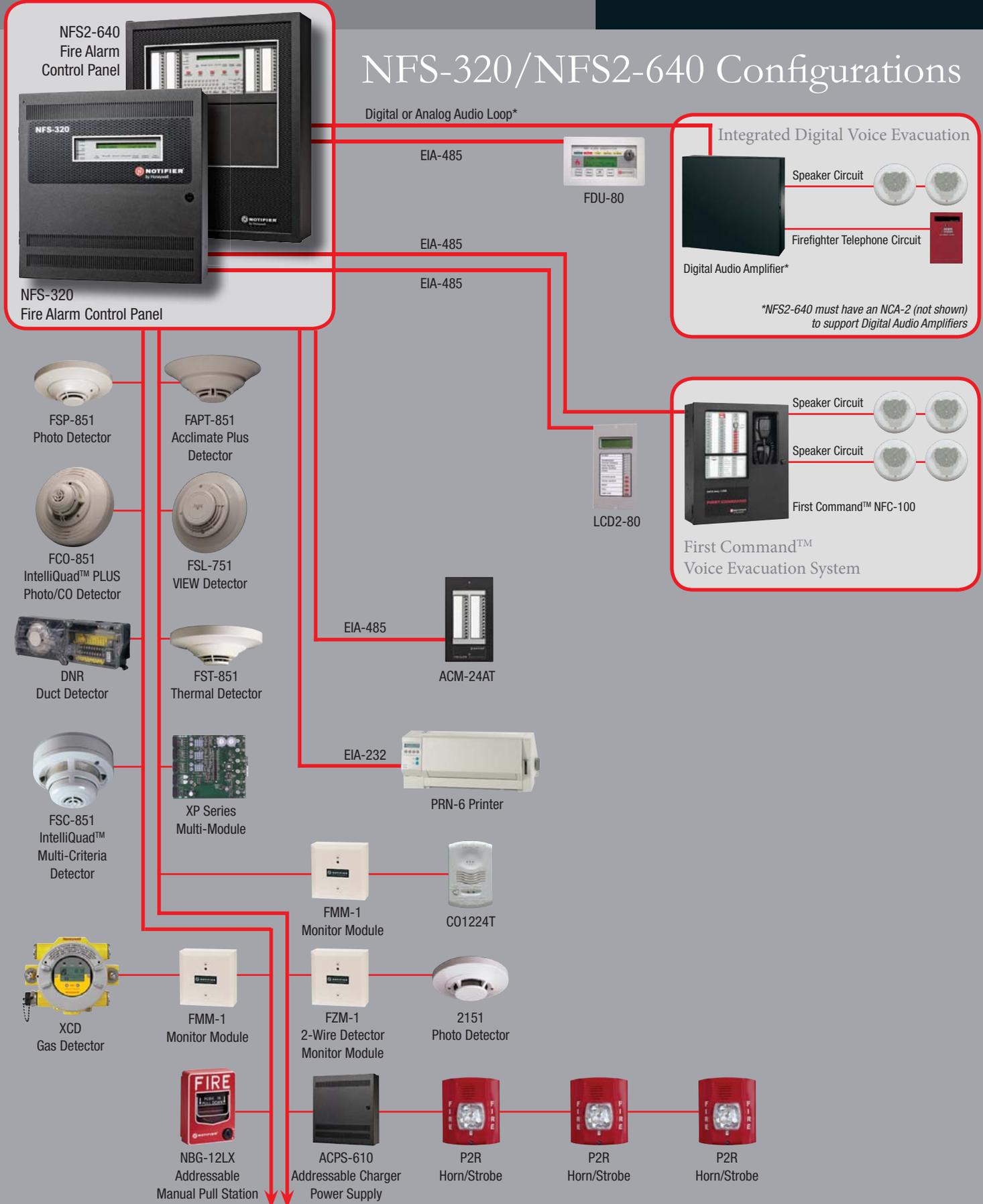- Listed for releasing

Applications
- Dormitories
- Warehouses
- Big Box Retail Stores
- Low-rise Office Buildings
- K-12 Schools
- Theaters

The ONYX® Series

NFS-320/NFS2-640 Configurations

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*

Speaker Circuit

Speaker Circuit

First Command™ NFC-100

LCD2-80

First Command™
Voice Evacuation System

FSP-851
Photo Detector

FAPT-851
Acclimate Plus
Detector

FCO-851
IntelliQuad™ PLUS
Photo/CO Detector

FSL-751
VIEW Detector

DNR
Duct Detector

FST-851
Thermal Detector

EIA-485

ACM-24AT

FSC-851
IntelliQuad™
Multi-Criteria
Detector

XP Series
Multi-Module

EIA-232

PRN-6 Printer

FMM-1
Monitor Module

CO1224T

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 fire 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
- Listed for releasing

Applications

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

The ONYX® Series

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 amplifier 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 firefighter telephone channels, wire, fiber 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.
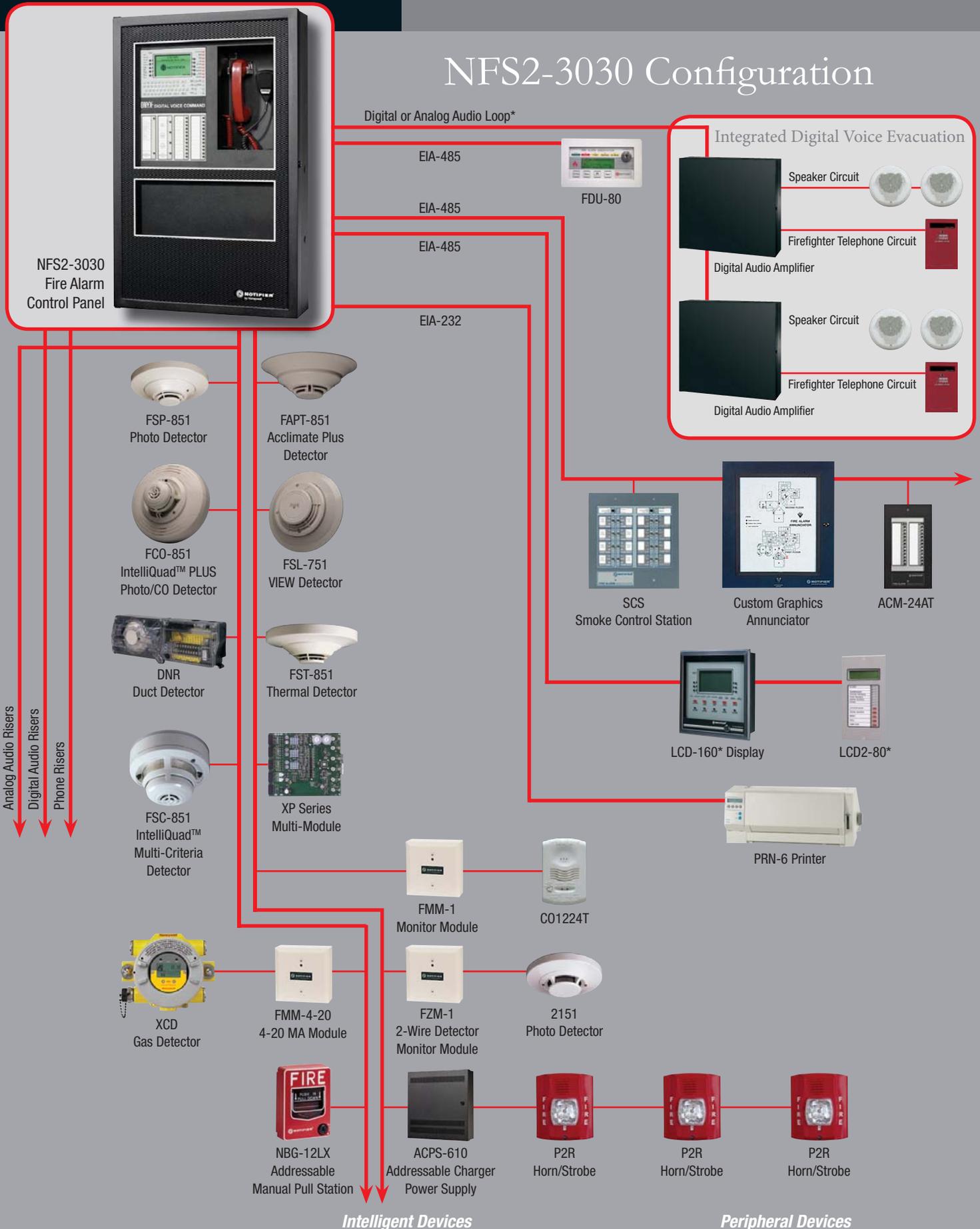
Features

- 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 fiber-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 fiber modules may be used to convert one or both Digital Audio Ports for operation with single-mode or multi-mode fiber
- DCC (Display and Control Center) capabilities when used with optional DVC-KD
- Firefighters' Telephone Communications to local FFT riser on DVC, 32 local DAL device FFT risers, and FFT communication to additional command stations

The ONYX® Series

NFS2-3030 Configuration

Digital or Analog Audio Loop*

EIA-485

EIA-485

EIA-485

EIA-232

NFS2-3030
Fire Alarm
Control Panel

FDU-80

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

FCO-851
IntelliQuad™ PLUS
Photo/CO Detector

FSL-751
VIEW Detector

DNR
Duct Detector

FST-851
Thermal Detector

FSC-851
IntelliQuad™
Multi-Criteria
Detector

XP Series
Multi-Module

SCS
Smoke Control Station

Custom Graphics
Annunciator

ACM-24AT

LCD-160* Display

LCD2-80*

PRN-6 Printer

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

Analog Audio Risers

Digital Audio Risers

Phone Risers

Intelligent Devices

Peripheral Devices

*RDP port can support LCD-160 or LCD2-80 in
Terminal Mode, but not at the same time.*

The FireWarden Series

State of the Art Simplicity

NOTIFIER's FireWarden 50 and 100-2 intelligent life safety systems are perfect for facilities requiring simple, yet, state-of-the-art life safety that is easy to install, test, and maintain. With the FireWarden Series, you can now have the benefits of advanced addressable technology with an investment comparable to conventional systems. For applications where emergency voice evacuation is required, NOTIFIER offers the First Command™, a versatile voice evacuation system that integrates quickly and easily with new or existing life safety systems.

Quick and Easy Programming

The Auto-Programming feature quickly identifies, configures, and stores detector and module types, establishing fire protection for an entire facility within seconds. Additional system programming can be performed easily using the on-board keypad, PS2 computer keyboard, or Windows® based programming utility.

Ease of Maintenance and Troubleshooting

Using the programming utility, authorized users can view system parameters, including: current system status, detector sensitivity, history files, voltages, and other information remotely. Because devices in trouble are individually identified, technicians can quickly and accurately diagnose the problem and respond to the service call fully prepared to correct the issue.
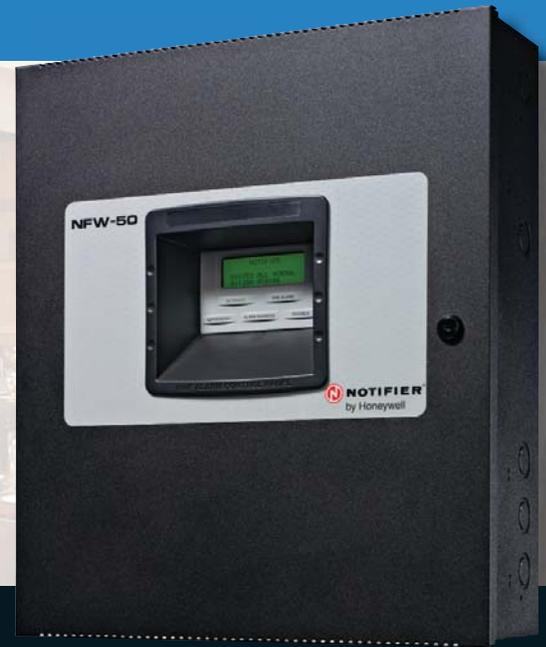
FireWarden-50
– A Non-Conventional Approach

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.

First Command™ Emergency Communications – Quick and Easy Integration

NOTIFIER'S First Command™ is optimal for small facilities that require voice evacuation or emergency communications systems. First Command™ 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, 25 watt speaker circuits
- Each field-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

To Central Station Over Telephone Network

SLC Loop

NP-100
Photo Detector

NI-100
Ion Detector

NH-100
Thermal Detector

NOT-BG12LX Addressable
Manual Pull Station

NDM-100
Dual Monitor Module

DNR
Duct Detector

MM-100/MM-100P

NZM-100-6

NCM-100
Control Module

FireWarden-50 or
FireWarden-100-2
Fire Alarm
Control Panel

24VDC

ANN-BUS

EIA-232

FDU-80

N-ANN-80

NZM-100
2-Wire Detector
Monitor Module

2151
Photo Detector

PRN-6 Printer

EIA-485 Loop
from FireWarden-100-2

EIA-485

Up to Eight Speaker Circuits

First Command™
Voice Evacuation System

First Command™
NFC-125DA

Spartan-25
25-Zone Fire Alarm Control Panel
- 25 SLC points
- 120/240 volt operation
- Two amp power supply
- Two class B NACs
- Five zones
- Built-in dialer
- LEDs for system status; alarm, trouble, supervisory, etc.
- Uses Windows Internet Explorer® for programming via laptop Ethernet port
- UL/ULC listed

SFP-5UD
5-Zone Control Communicator
- 5 Class B zones (Class A with option module)
- Built-in digital communicator
- 2 Style Y/Class B NAC's (Style 2/Class A Optional) 3.0 amps
- Optional IP Communicator

SFP-10UD
10-Zone Control Communicator
- 10 Class B zones (Class A with option module)
- Built-in digital communicator
- 4 Style Y/Class B NAC's (Style 2/Class A Opt.) 7.0 amps
- Optional IP or GSM Communicator

SFP-2402
2-Zone Control
- 2 Class B Initiating Device Circuits (Zones); i3 ready
- 1 Class B Notification Appliance Circuits, 3.0 Amps and programmable strobe synchronization
- Form-C Alarm and Trouble relays

SFP-2404
4-Zone Control
- 4 Class B Initiating Device Circuits (Zones) with Class A option module; i3 ready
- 2 Class B Notification Appliance Circuits, 3.0 amps expandable to 6.0 amps, with Class A option and 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

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 fire alarm control panel, usually no more than which devices are in alarm. On its 19" LCD, wall mounted touch screen, ONYX FirstVision™ displays entire floor 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.
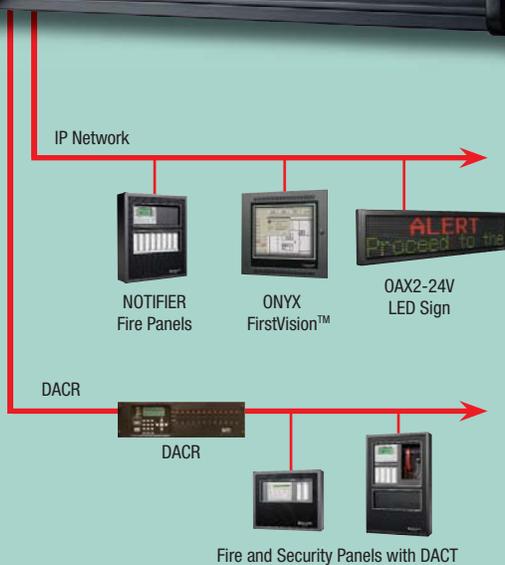
See the Whole Campus or a Single Detector

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, floor, or room -even a single, activated smoke detector.

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.

IP Network

NOTIFIER Fire Panels

ONYX FirstVision™

OAX2-24V LED Sign

DACR

DACR

Fire and Security Panels with DACT

Gives you total control over your system

Highly Intuitive Interface

The intuitive ONYXWorks® interface displays building floor plans with interactive, three-dimensional fire, security, CCTV, and includes clear, concise instructions on what actions must be taken for both fire and non-fire events. Customizable screens and multiple configuration 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 floor plan screens, devices and navigational buttons
- Windows® 7 64 bit platform
- Redundant hard drives for enhanced survivability
- Alpha-numeric pager support
- E-mail notification
- 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 (IASD) 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.

ONYX FirstVision™
NCA-2
ONYXWorks® Workstation
NOTI-FIRE-NET™ Web Server NWS
NOTIFIER Fire Panels

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.

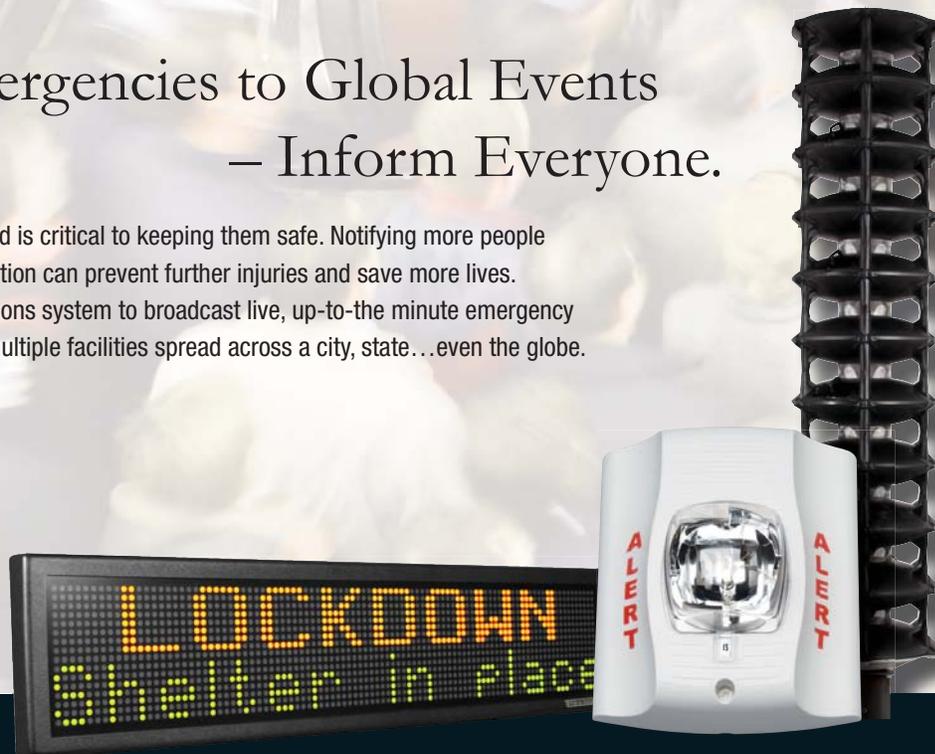## NOTI-FIRE-NET System Features

- Supports ONYX® Series fire 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 Notification 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 first 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

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.

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.*

Unifying Critical Communications

Distributed Recipient Emergency Communications alerts large and targeted audiences quickly and reliably with critical communication to desktop systems, public displays, telephones and wireless devices to ensure that the messages are received within seconds, not minutes, reducing the risk of employees taking incorrect action or putting themselves in danger.

Land Line
Telephones

Cellular
Phones

Text
Messaging

Displays

Desktop
Alerts

E-mail
Alerts

First Command™ – Integrated, Expandable Emergency Communications

NOTIFIER's First Command™ 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.

First Command™ Integration

With direct integration to NOTIFIER's addressable ONYX® or FireWarden panels, the fire alarm control panel can take direct control of First Command™ during an incident. The fire alarm control panel and First Command™ 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 First Command™ system is done via a serial communications by using a built in programming utility from a laptop with a web browser. First Command™ 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 First Command™ 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 First Command™ 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 First Command™ 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.
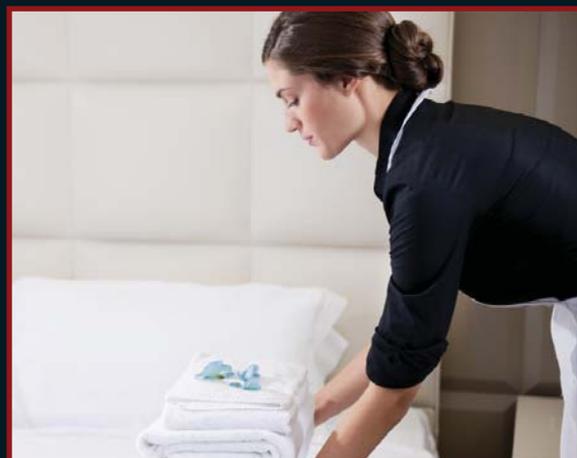
Advanced Detection

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 of an impending fire hazard. FAAST can buy time to investigate an alarm and initiate an appropriate response to prevent injury, property damage, or business disruption. With a wide sensitivity range and multi-level warnings, even minute levels of smoke can be detected before a fire has time to escalate. Connect the unit to the building's Ethernet portal to provide access and monitoring from anywhere in the world.

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 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.

For information on regional office locations throughout the world, please visit www.notifier.com.

ASSEMBLED IN THE USA

For over 60 years, NOTIFIER has been a leader in the fire alarm industry. Today, we are the largest manufacturer of engineered fire alarm, advanced detection, and emergency communications systems. With over 400 distributors worldwide, and regional support operations on every continent, we offer the flexibility and options your business needs.

NOTIFIER - Leaders in Life. Safety. Technology.

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