

SELLING NOTIFIER BENEFITS & STRATEGIES

2018

Dan Corbett: Sr Sales Applications Specialist

NOTIFIER® by Honeywell

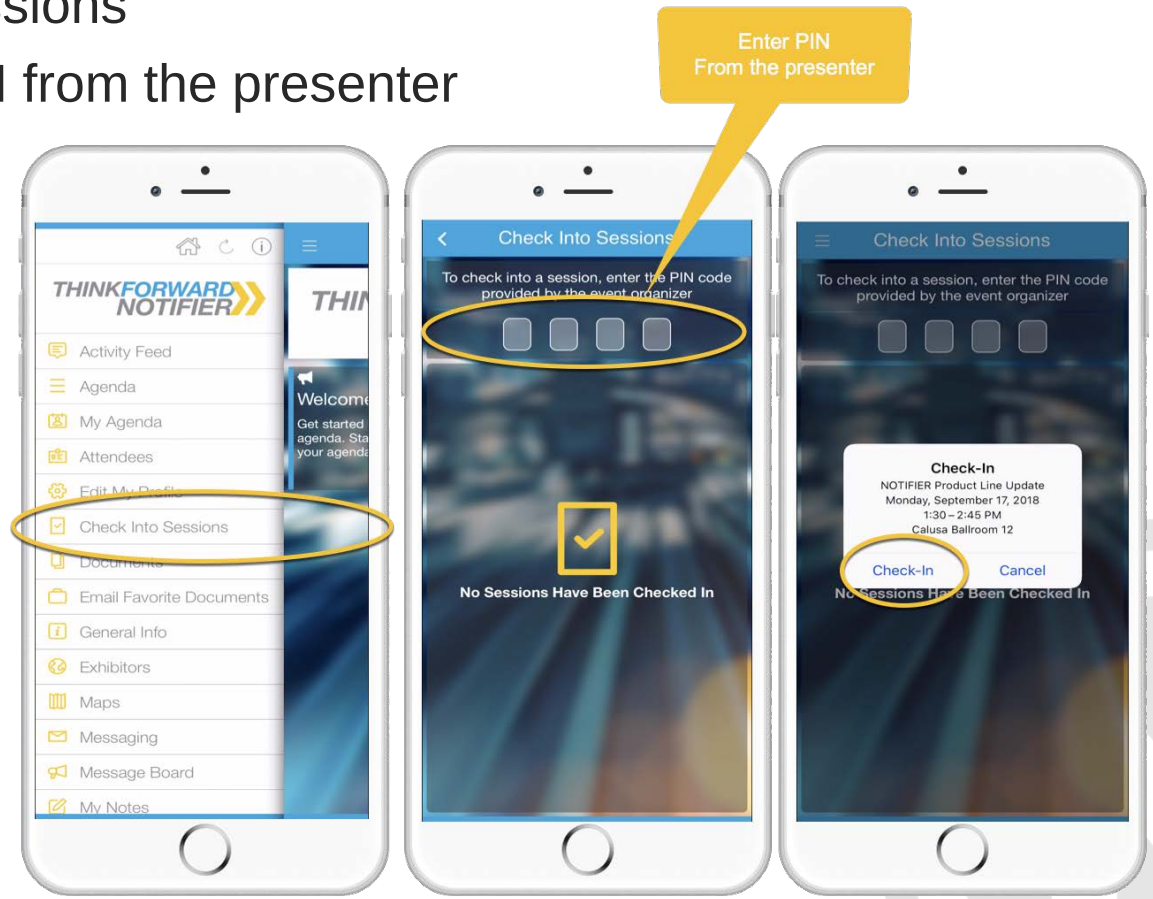
Company Internal

WORKSHOP CHECK-IN VIA APP

You must check yourself into it to receive PDH credit!

On the app main menu:

- Tap ‘Check Into Sessions’
- Enter the 4-digit PIN from the presenter
- Click Check-In



AGENDA

1 NOTIFIER Benefits

2 NOTIFIER Key Solutions

3 NOTIFIER Technologies

4 Opportunities & Strategies

5 Resources to Help You Sell

6 Summary

Company Internal

THINKFORWARD NOTIFIER

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

PARTNERSHIP

- Highlight the benefits of Your Company and your partnership with NOTIFIER
  - Full service fire and life safety provider
  - Number of years in service
  - Other capabilities and services provided
  - Certifications, Licenses etc…

NOTIFIERs success, brand recognition and reputation is the direct result of you and your company. Promote yourselves as not everyone in your area may be aware of you, your people and your capabilities

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

BRAND RECOGNITION

- The NOTIFIER name…You built it, use it!
  - Well known, specified and respected
  - Non-Proprietary, best channel to market option for end-users
    - Educate end users, stakeholders and other influencers on total cost of ownership
  - Complete offering
  - Made in the USA

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

COST EFFECTIVE UPGRADES

- Backwards Compatibility
  - Addressable devices, bases and enclosures
  - Networking
  - Database conversions

I'm not aware of anyone else in the industry offering as many new products that are compatible with legacy devices and panels making system upgrades or panel additions seamless, less time consuming and more cost effective

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

TECHNOLOGY

- Technologies
  - Color Touch Screen Display (NCD)
  - Advanced Detection
  - Networking and Integration
  - BDA Integration (for ERRC)
  - Software Solutions

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

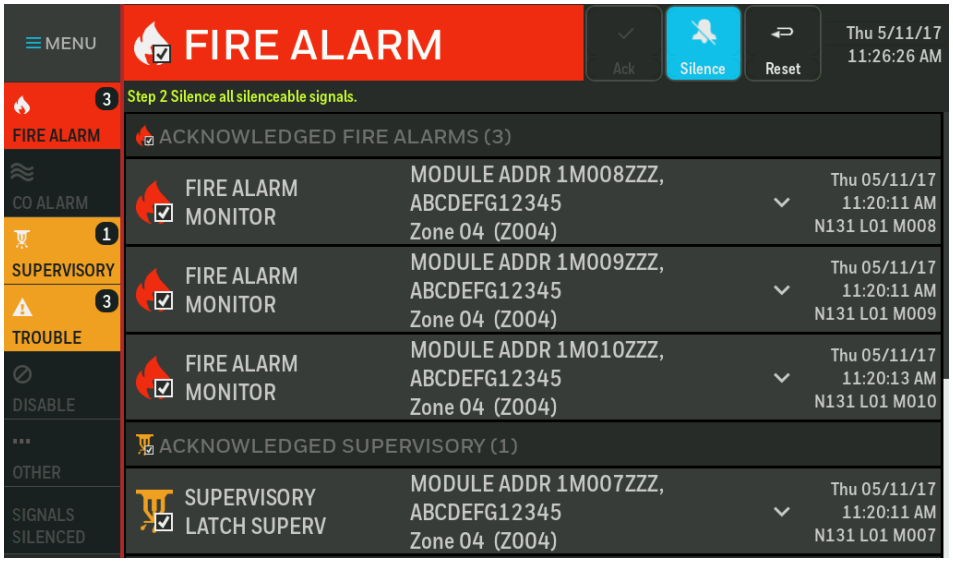
KEY SOLUTIONS

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

NCD (Network Control Display)

- Intuitive, revolutionary, 10” touch screen
- Bright, crisp color display
- Compatible with ONYX 9th edition panels
  - New or existing applications



New NCD from NOTIFIER. NOTIFIER The ONYX your customers, A&Es or other influencers know! Let’s spread the news!!

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Advanced Detection



- Complete line of advanced detection devices
  - Conventional aspiration
  - Addressable aspiration
  - Addressable specialty spot detectors
  - OSID/OSID-R

With the integration of Xtralis NOTIFIER now offers a complete offering for advanced detection. A detector/technology suited for any environment and any size application

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Emergency Communications Systems

- Complete offering of ECS/MNS solutions
  - DVC (standalone or network applications)
  - FirstCommand (can be used with any system)
  - HPSA/Outdoor Giant Voice (Whelen or Hyperspike)
  - LED Signage
  - Email/Text/Notifications

NOTIFIER and our partners have been designing, configuring, installing and servicing ECS/MNS systems long before these terms were introduced. Tout your experience and expertise with these applications and educate influencers on the benefits of true ECS



THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOT

Networking & Integration

- High Speed Noti-Fire-Net
  - Fastest communications in the industry
  - Highest supported node count in the industry
  - Paging and FFT over the network (on same pair)
- ONYXWorks
  - Full graphics display and control capabilities
  - Competitive panel integration with DACR-GW
- Integration Gateways
  - BACnet GW (for BAS/BMS integration)
  - Modbus GW (for DCS integration)
  - CAP GW (Common Alerting Protocol integration)

Company Internal
© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

ERRCS Integration



- SLC connected Bi-Directional Amplifier integration
  - NOTIFIER BDA with NOTIFIER XP module for monitoring BDA trouble conditions
- For Non NOTIFIER FACP applications
  - Honeywell BDA that can be monitored by any FACP

Whether currently doing ERRCS (BDA) today or not, some is or will be…if not presently enforced in your area it will be in the future. Now you can package FACP and ERRCS together and or provide just a BDA for non NOTIFIER applications…a UL 2524 approved BDA

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

TECHNOLOGIES

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

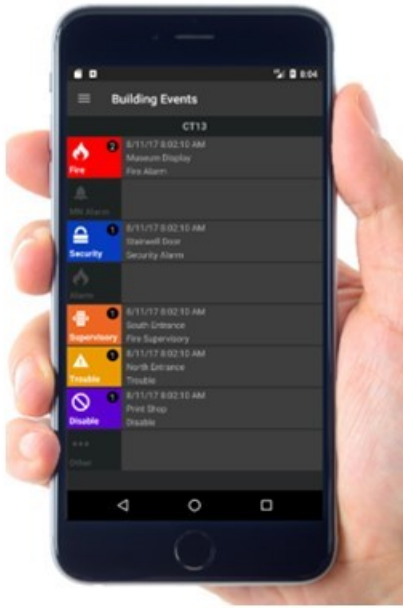
NOTIFIER Design

- **New NOTIFIER look**
  - Introduced with ONYXWorks 4.0
- **Common User Interface**
  - Better user experience
  - Be more efficient when working with various products of the same family when key components are in the same location

New products will have a common look and feel







Company Internal

Network Control Display - Connection



- NCD requires:
  - ONYX series panel or network of panels
- NCD supports:
  - Can be primary display for standalone panel
  - Can be a network-wide display

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

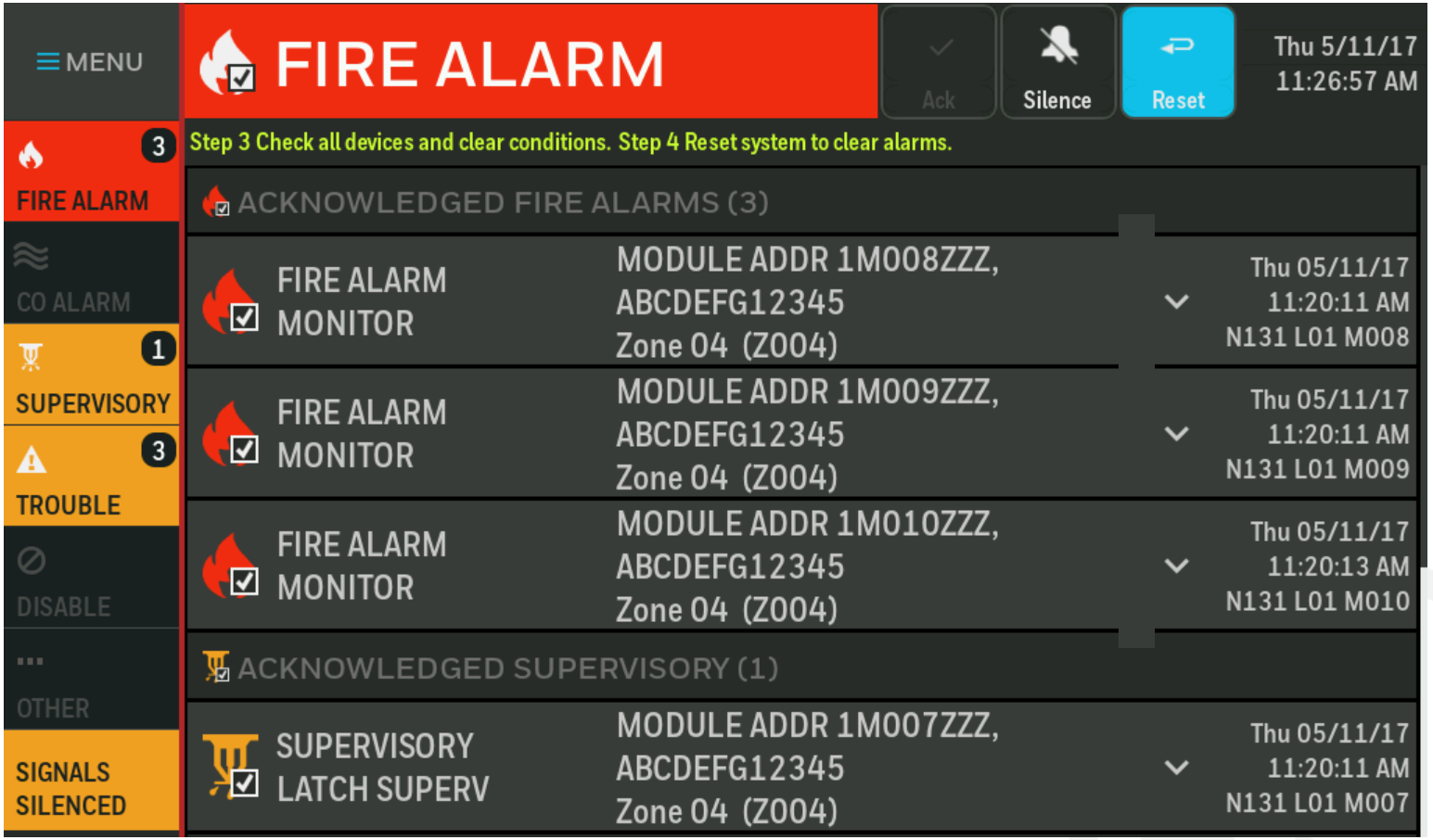
Network Control Display - Overview

- **“Direct Connect”** allows the NCD to be the primary display on NFS2-3030, NFS2-640, or NFS-320SYS
- **Refresh the look** of current panels while utilizing existing hardware



NCD Active Events

Pressing on an active event in the Alert Bar will vector to FEL to the event group



© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Advanced Detection – Solution for All Verticals

The broad and rapid development of safety solutions has allowed Advanced Detection ASD to expand from a few, targeted markets & applications to many…

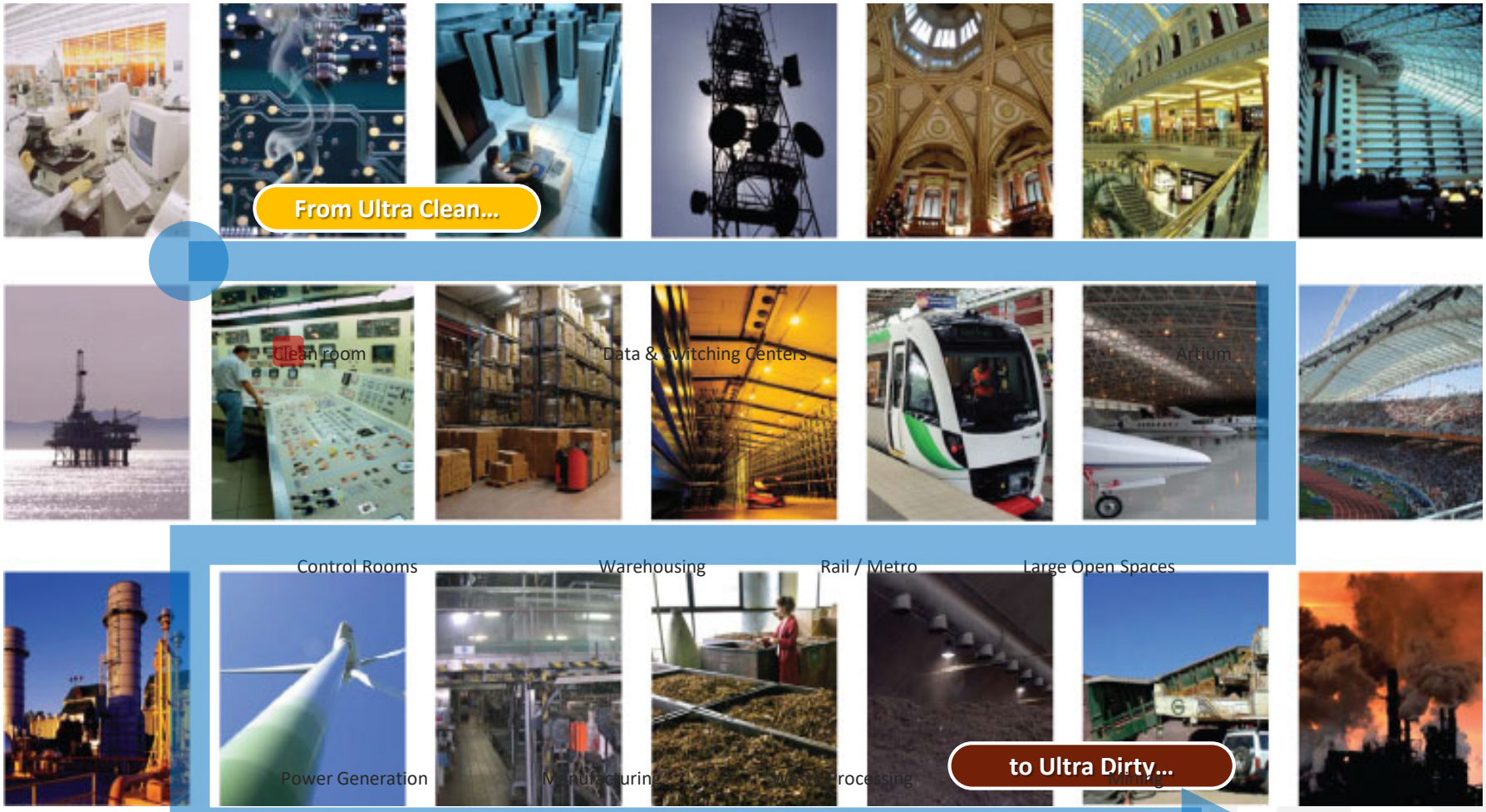


THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Solutions for "*All*" Environments



THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

ASD Key Drivers



Business Continuity is Paramount



Smoke can be Difficult to Detect



Environments Influence Effective Detection



Evacuation is a challenge



Discreet Detection is Required



Maintenance Access is Difficult



Suppression Reliability is Essential

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

ASD Driver Maintenance Access

Where access to traditional detection methods is difficult or impossible

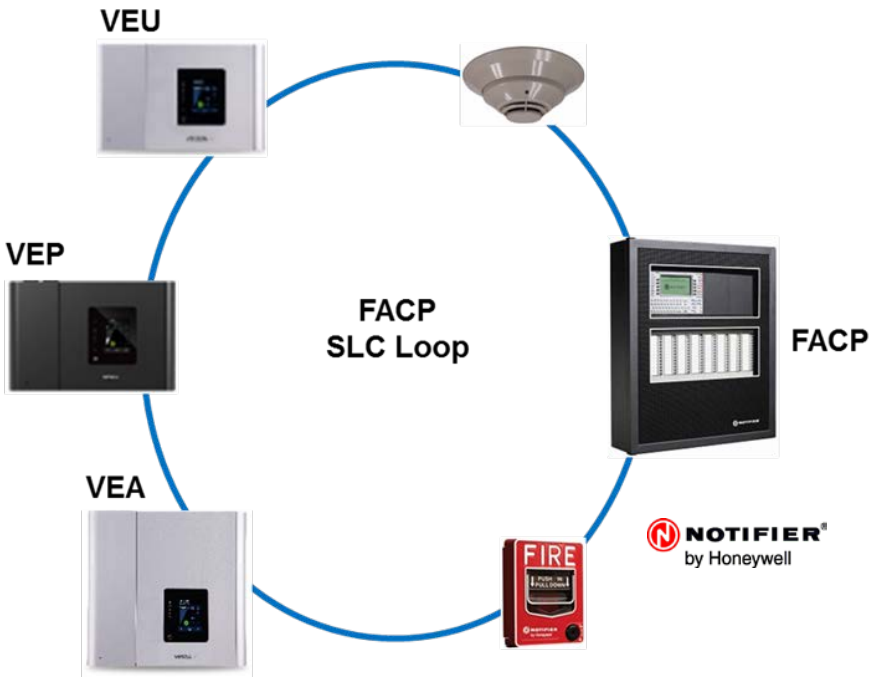
- Sub Floor
- Ceiling voids
- Mechanical Spaces
- Transformer vaults
- Cable vaults
- Atriums
- University
- Clean Rooms
- Elevator Shafts

Design so that VESDA detector and last sampling hole are accessible



© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

ASD – SLC Integration Solution



- VESDA-E detectors directly connect to the Notifier SLC loop supporting FlashScan protocol
- Addressable detector VEA takes 45 total addresses
- VEP/VEU take 5 total addresses
- Low cost option especially for addressable aspirating detector VEA
- Remote monitoring through Honeywell Apps

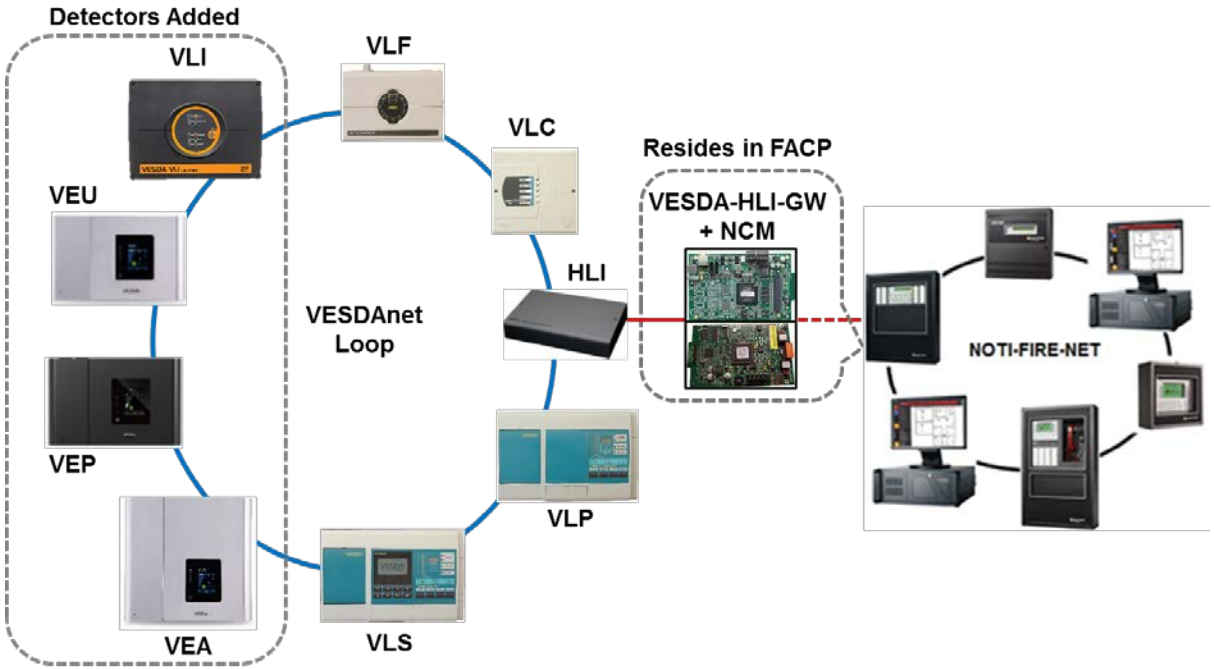
Ideal Installations: Seamless fire panel annunciation is required on the SLC loop, same as spot detectors

THINKFORWARD NOTIFIER

Company Internal

ASD - Gateway Solution

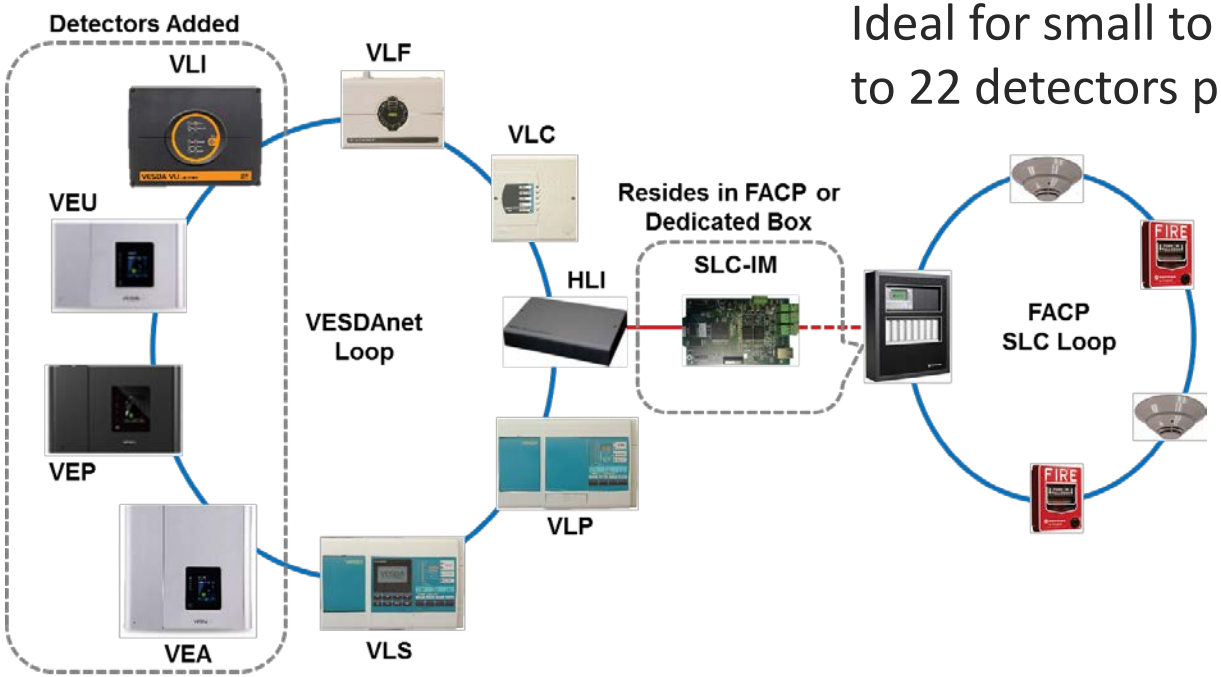
- Communication link between VESDAnet and NFN network for event notifications and aspirating detector control
- Requires NFN, pre-alarm, alarm and fault annunciation on NFN capable devices
- Command and control capabilities through NFN capable devices
- Simplified and centralised testing, maintenance and monitoring of complex fire systems
- Centralized configuration through VSC by connecting a laptop to any VESDA-E detector
- Remote monitoring of VESDAnet including VESDA detectors by iVESDA



Ideal for medium to large-scale installations up to 100 detectors per VESDAnet

ASD - SLC-IM Solution

- SLC-IM stands for Signalling Line Circuit Interface Module, it provides 159 monitor module addresses and replaces individual monitor modules
- Does not require NFN, per detector pre-alarm and fault annunciation directly on the FACP SLC loop
- One way information to the FACP, detector GPIs can be used for detector controls
- Low cost option especially for addressable aspirating detector VEA
- Centralized configuration through VSC by connecting a laptop to any VESDA-E detector
- Remote monitoring of VESDAnet including VESDA detectors by iVESDA



Ideal for small to medium installations up to 22 detectors per VESDAnet**

Company Internal

Acclimate FAPT-851



- Photo/Heat Detector
- UL 268 and UL521 listed
- Application
  - Moderate nuisance conditions

High Sensitivity



- Replaces current laser
- High sensitivity photo instead of laser design
- Very early warning detection
- Addressable point

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

IntelliQuad

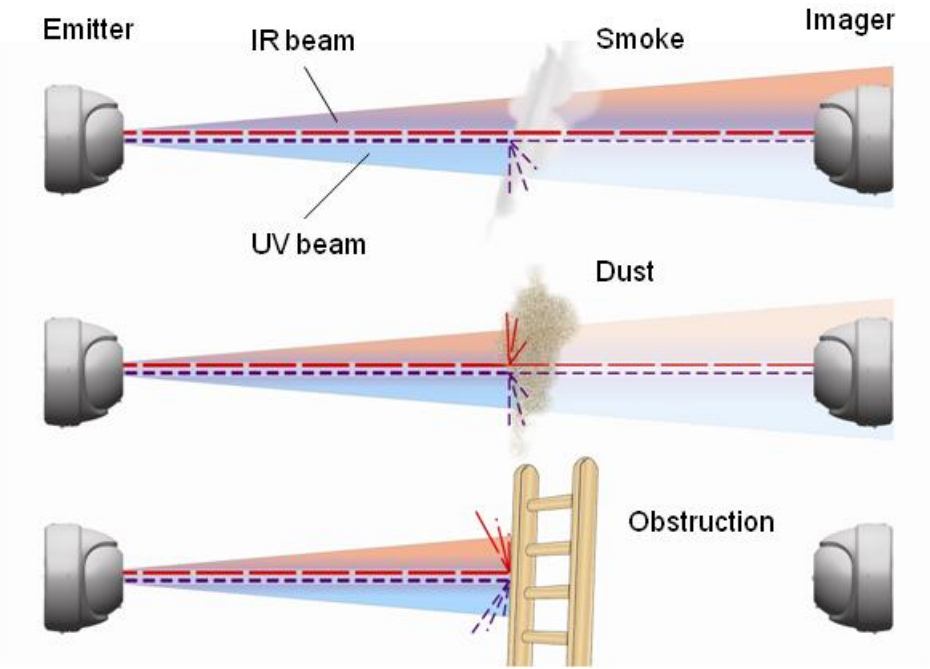
- Life Safety Carbon Monoxide and smoke detection
- Best nuisance immunity – 4 sensors
- Smaller profile
- 10 year CO cell
- Improved IR design
  - Flicker detection



THINKFORWARD NOTIFIER

Company Internal

OSID – Principle of Operation



- An active Emitter with wide beam LEDs transmit 2 different wavelengths IR and UV to the Imager
- Intelligent software locates the specific pixels on the multi pixel CMOS Imager illuminated by the uniquely coded Emitter
- Relative strengths of the 2 wavelength signals are compared to detect smoke and discriminate against nuisance alarm particulates
- Building movement and alignment is managed by Imager software without any need for controlled motor drives

Imager versus Photo Diode

- OSID ‘sees’ the protected area.
- One Imager equals 100.000’s of photodiodes
- An Imager locates and tracks the position of an Emitter anywhere in its field of view at pixel level
- OSID can operate reliably in all lighting conditions; bright day/ sunlight to total darkness



© 2 y NOTIFIER by Honeywell Inc. All rights reserved.

Networking is Key to a Single Interface Solution

FirstVision
Revolutionary navigation for first responders

ONYXWorks
Integrated monitoring and control of fire and security systems

NOTI-FIRE-NET & High Speed NOTI-FIRE-NET
Intelligent, peer-to-peer fire alarm control panel

Ethernet/Intranet Networking
Connects NOTIFIER panels to ONYXWorks using secure Local or Wide Area Network

Digital Alarm Communications Receiving Technology
Integrates other manufacturer's products into ONYXWorks

NOTI-FIRE-NET
Web Server
Remote monitoring the office, home or on the road

Emergency Communications Systems (ECS)
Rapid notification and/or two-way communications during any type of emergency

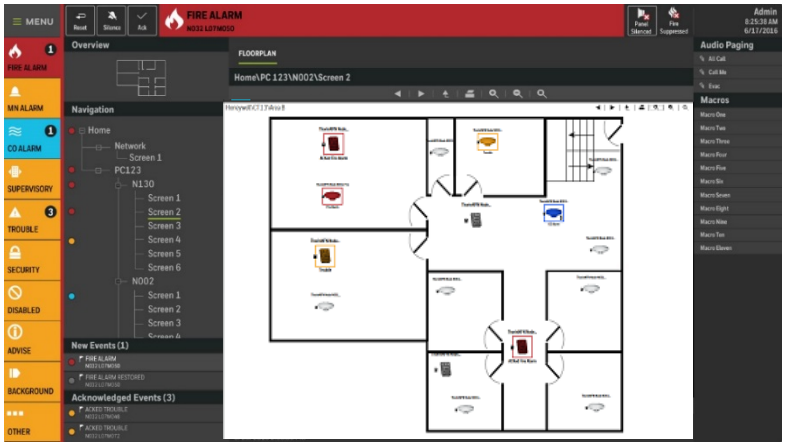
BACnet
Modbus
Advanced integration with building automation and industrial control systems

NOTIFIER®
by Honeywell

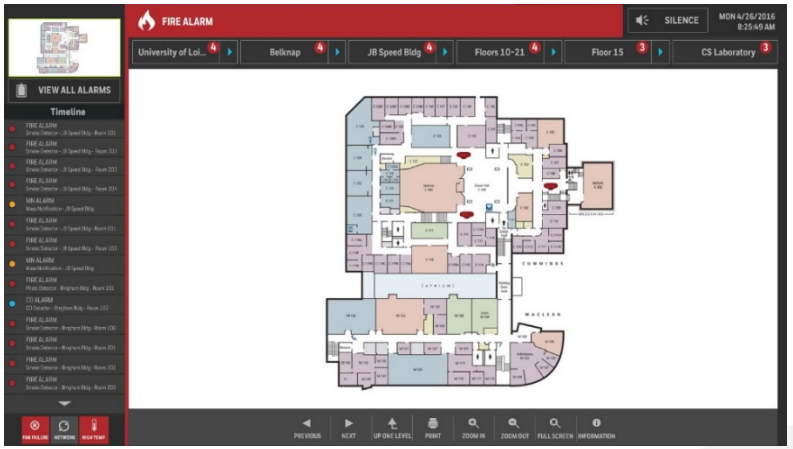
Company Internal

Workstation and First Responder Display

CONNECTED SOLUTIONS



ONYXWorks®



FirstVision™

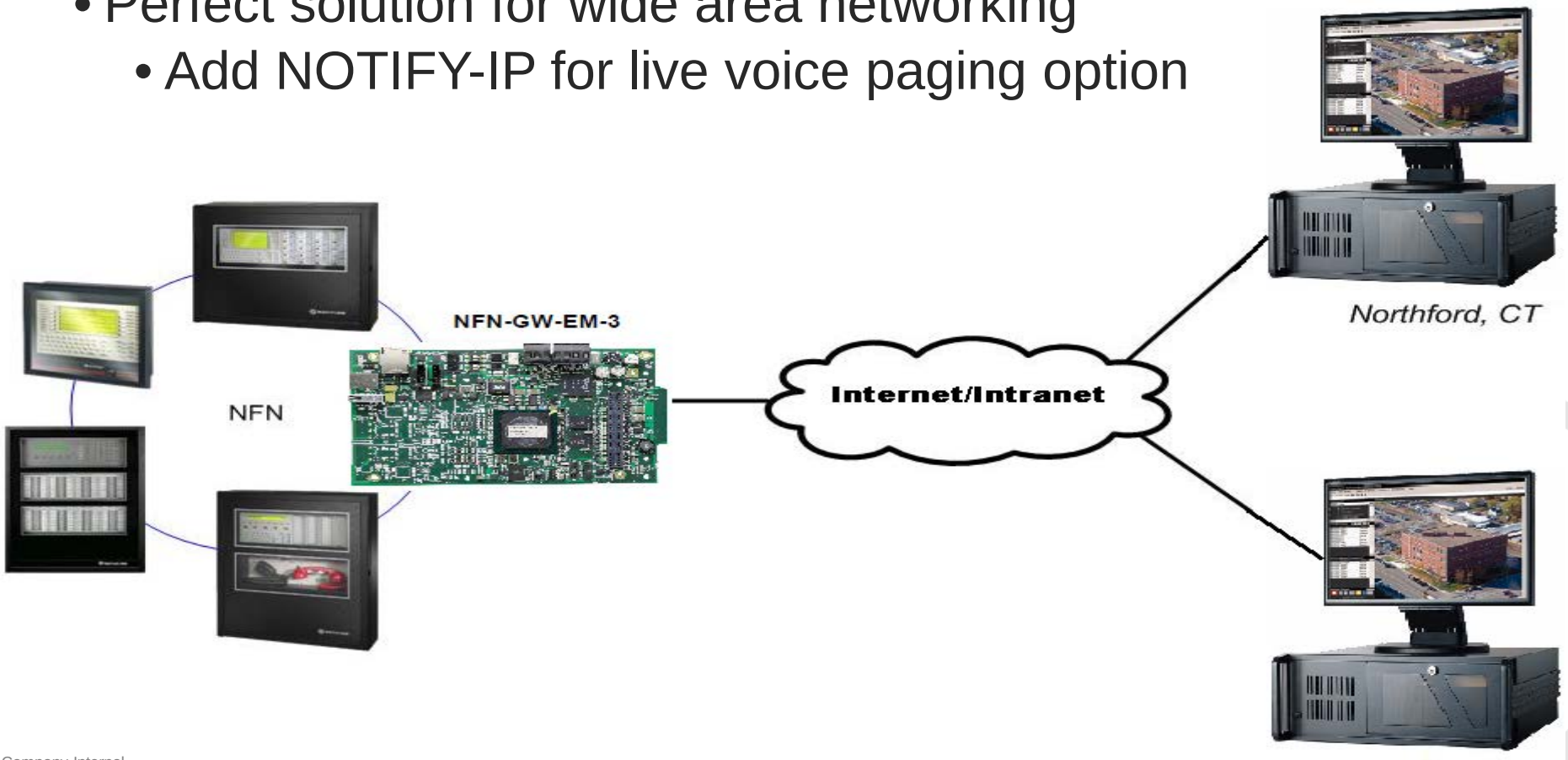
THINKFORWARD NOTIFIER

Company Internal

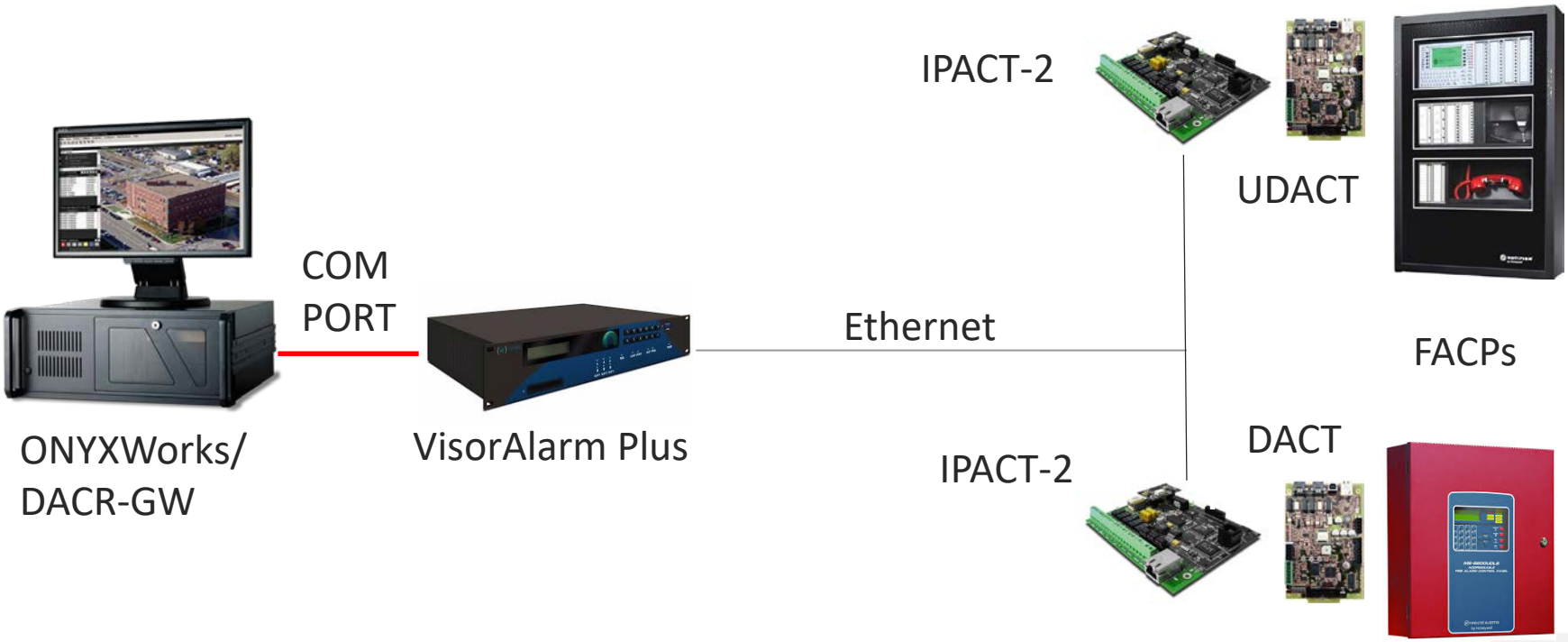
© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

IP Monitoring

- Ethernet IP Gateway for remote connection to ONYXWorks
  - Single FACP or Noti-Fire-Net
- Perfect solution for wide area networking
  - Add NOTIFY-IP for live voice paging option



Competitive Panel Integration (DACR-GW)



IPDACT Now UL listed to interface to any DACT with Contact ID!

Integrate NON-NOTIFIER products into a common network for a Single Interface

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Receivers Gateway

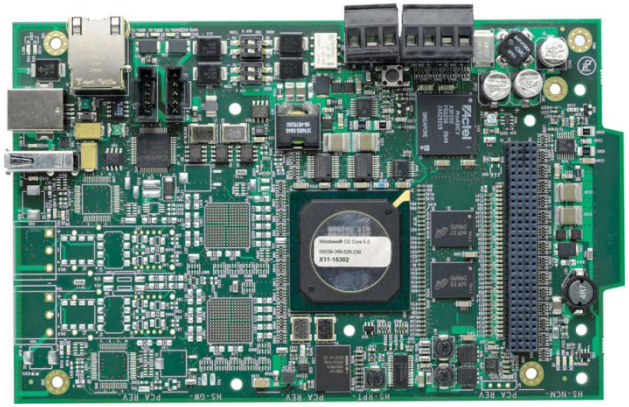
- An intelligent gateway interface to digital alarm communicator receivers (DACR) for the ONYXWorks facilities monitoring workstation

- Enables the ONYXWorks workstation to monitor remote fire and security panels equipped with Contact ID capable digital alarm communicator transmitters (DACT) for real-time events

- Compatible with the Ademco 685, Silent Knight 9500 and 9800, Bosch D6600, and the Teldat Visor Alarm

Building Management/DCS Integration

Product	Application
BACNET-GW-3	Integration with BACnet clients such as Building Management Systems
MODBUS-GW	Integration with Modbus clients such as DCS systems in industrial applications
CAP-GW	Integration with CAP compliant clients such as At-Hoc



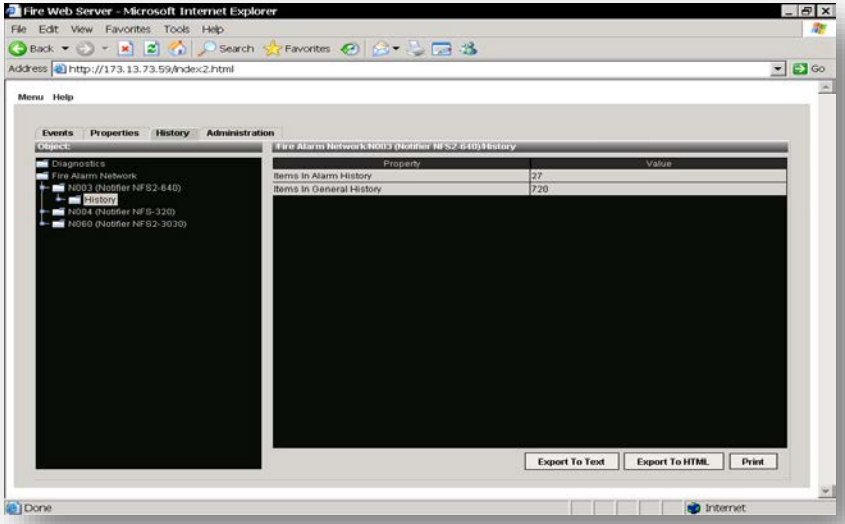
THINKFORWARD NOTIFIER

Company Internal

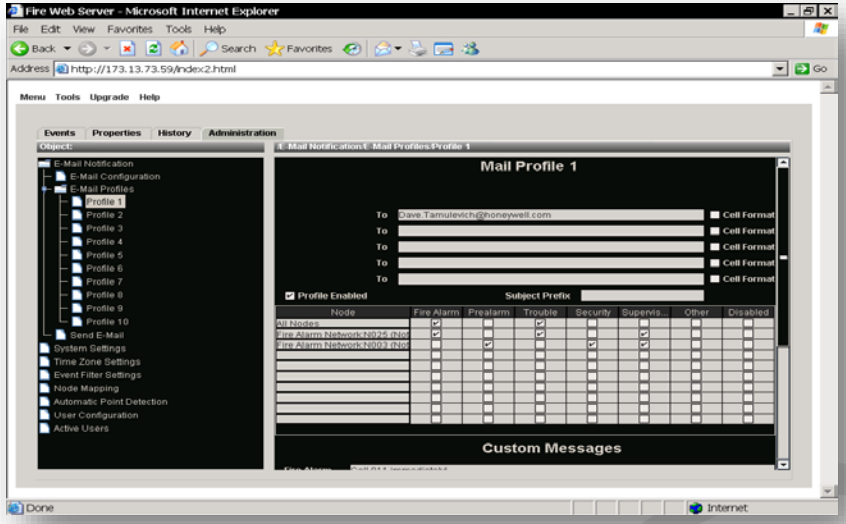
© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Text and Emails (NWS-3)

- Access FACP status remotely over the internet or intranet
- Send automatic emails or text messages (up to 50)



View History Remotely



Email Profile Configurations

The email server must support sending email without authentication. The email function within ONYXWorks does authenticate

THINKFORWARD NOTIFIER

BDA Integration, All Inclusive Solution



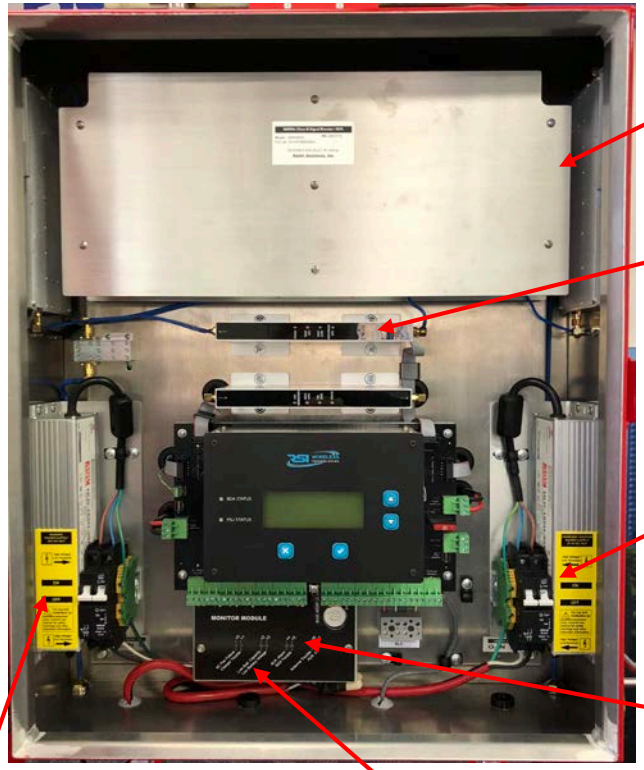
- UL2524 1st Edition for In-building 2-Way Emergency Radio Communication Enhancement Systems listing (pending)
- NFPA 72 2010 Edition, NFPA 1221 2016 Edition and IFC 2018 compliant
- Single portfolio to meet any application across US supporting all public safety frequency bands
- Various models available for UHF, VHF,700MHz FirstNet, 800 MHz and multi-band
- Integrated dual power supply and battery charger with intelligent battery monitoring
- NEMA 4 Type Approved Equipment Enclosure and NEMA 3R Type Approved Battery Enclosure
- Supports higher system gain for efficient link budgeting

THINKFORWARD NOTIFIER

Company Internal

BDA Integration, All Inclusive Solution





NEMA 4-Certified / UL-Listed Enclosure Assembly

RF Resiliency

UL Listed Built In Battery Charger

for on-board Battery Backup Unit

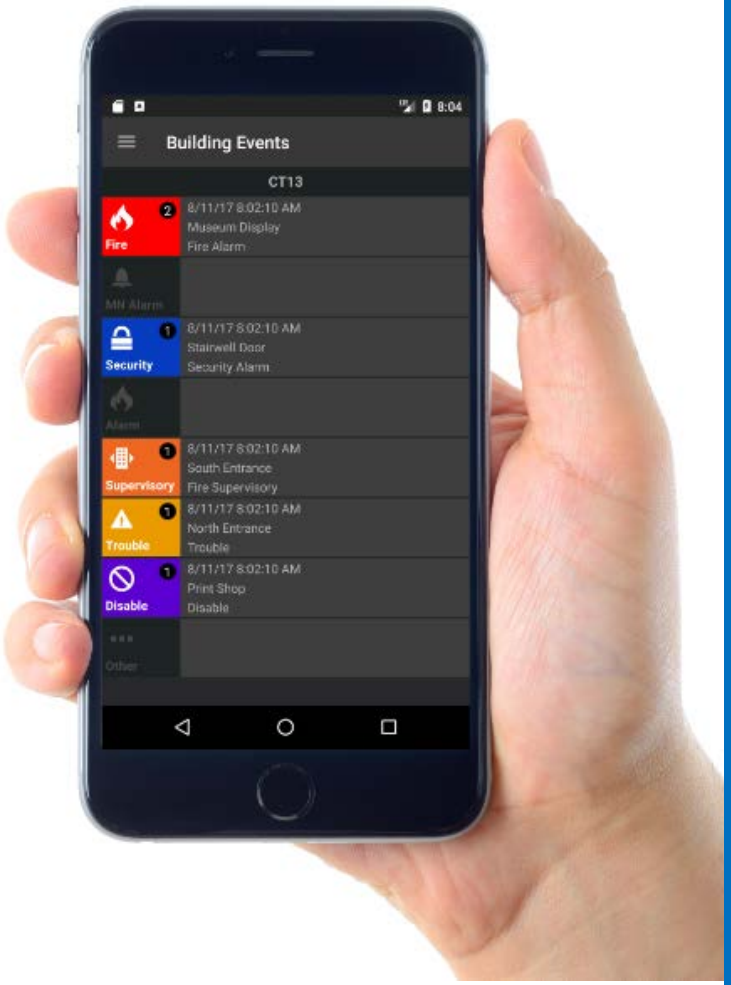
NFPA 1221
"Supervision of Annunciator LEDs"

UL-Listed Power Supply

Built In Monitor Module

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

System Manager App



- Push Notifications
- No limit on number of sites per license (or sub-license)
- Supports ONYX Series Panels
- View device details and history
  - Type, Address, Alarm Sensitivity, Drift Compensation, etc.
- Configure: Monitoring Profiles/Push Notifications

Operational Efficiency through Mobile Access

THINKFORWARD NOTIFIER

Company Internal

System Manager App

- **Utilizes eVance Infrastructure**
  - Secured Internet Connection via WebPortal
  - NOTIFIER gateways incl. WebPortal firmware
    - BACNet, NFN (Embedded or PC) and NWS-3
  - Requires G/W's or WebPortal Version 4

- **System Manager is an individual module**
  - **More capabilities if combined with Inspection Mgr and Service Mgr**
  - ONYXWorks® is not required

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

eVance Software Services

- Inspection Manager



- Software service that enables a one-man test of the fire system, data viewable on local device and stored in the cloud for easy retrieval

- Service Manager



- Software service to manage the service and inspections of an authorized distributors installation base

Leading-edge software service that streamlines and improves test, inspection and service management operations

Company Internal

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Opportunities & Strategies

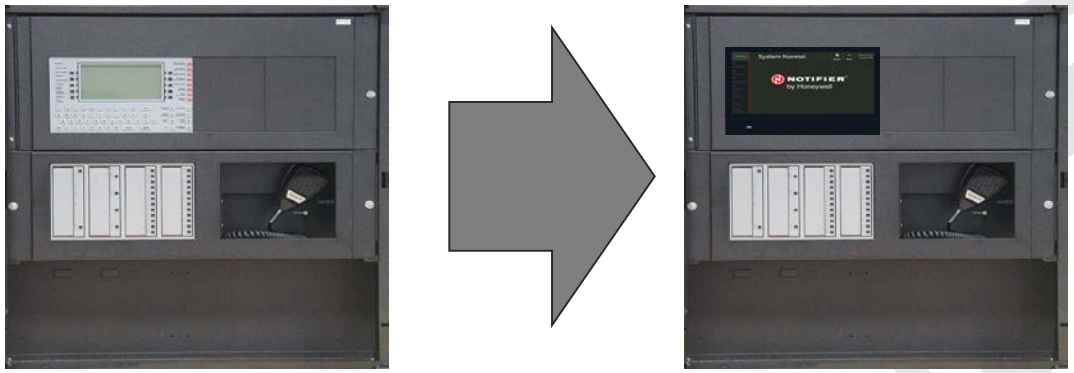
Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

NCD….NOT The ONYX They Know

- Get the message out
  - Can be employed in both new and existing applications
    - Refreshed look providing users a much improved user experience
  - Use the NCD Simulator for demonstrations to end users, A&Es, AHJs and other stakeholders
    - Showing them how crisp, clean and intuitive an FACP can display be will make it their display of choice

Let's get end users to Think Forward… and upgrade to ONYX with NCD!



THINKFORWARD NOTIFIER

JCI to NOTIFIER Migration

- JCI IFC series addressable NOW UL Listed for use with current ONYX series panels
- What's required to convert an IFC branded installation to a NOTIFIER ONYX series installation?
  - Confirm models of the existing devices, reference the JCI IFC/NOTIFIER Compatibility Document
    - Older JCI labeled devices will work operationally, but not listed
  - **Reuse amplifiers, LCM/LEM, ACMs, LCD2-80/LCD-160, network cards**
  - Convert IFC database to ONYX database with VFT 9.10 or higher
  - **Change JCI IFC branded/labeled parts** **(refer to cross reference chart)**
    - CPUs, DVCs, NCA-2, Workstations, Gateways, Doors

JCI to NOTIFIER Compatibility Doc

NOTIFIER by Honeywell
12 Clintonville Road
Northford, CT 06472-1610 USA
203-484-7161 • FAX 203-484-7118
www.notifier.com

Johnson Controls IFC/NOTIFIER Compatibility Document

PN LS10200-000NF-E:A 05/31/2018 17-0047

Compatible Addressable Devices and Accessories

This document provides and updated listing of devices compatible with NOTIFIER fire panels. The table below lists addressable devices and accessories that are compatible with the NFS2-3030, NFS2-640, and the NFS-320 addressable fire panels.

Note: Johnson Controls IFC detectors are identical to, and function exactly as, the corresponding NOTIFIER model numbers as listed in the tables below.

These products have been certified to comply with the requirements in the Standard for Control Units and Accessories for Fire Alarm Systems, UL 864 and ULC S527-11.

UL File S635, Vol 80, 84

Table 1 Compatible Modules

JCI Addressable Modules	JCI Addressable Modules-Canada	Notifier Addressable Modules	Notifier Addressable Modules- Canada
JBG-12LX	JBG-12LX	NBG-12LX	NBG-12LX
M300CJ	M300CJA	FCM-1	FCM-1A
M300CJ-REL	M300CJ-RELA	FCM-1-REL	FCM-1-RELA
M300DJ	M300DJA	FDM-1	FDM-1A
M300DRMJ	M300DRMJA	FDRM-1	FDRM-1A
M300MJ	M300MJA	FMM-1	FMM-1A
M300MJ-4-20	M300MJ-4-20A	FMM-4-20	FMM-4-20A
M300RJ	M300RJA	FRM-1	FRM-1A
M301MJ	M301MJA	FMM-101	FMM-101A
M302MJ	M302MJA	FZM-1	FZM-1A
M500FPJ	M500FPJA	FTM-1	FTM-1A
M500JX	M500XJA	ISO-X	ISO-XA
XP10-M	XP10-MA	XP10-M	XP10-MA
	J-MPS-2A		N-MPS-2A
	J-MPS-2AC		N-MPS-2AC
	J-MPS-SA		N-MPS-SA
	J-MPS-SAC		N-MPS-SAC

Table 2 Compatible Detectors

JCI Addressable Detectors	JCI Addressable Detectors-Canada	Notifier Addressable Detectors	Notifier Addressable Detectors-Canada
1351J	1351JA	FSI-751	FSI-751
1951J	1951JA	FSI-851	FSI-851A
2351J	2351JA	FSP-751	FSP-751
2351TJ	2351TJA	FSP-751T	FSP-751T
2951COJ	2951COJA	FCO-851	FCO-851A
2951J	2951JA	FSP-851	FSP-851A
2951J-COPTIR	2951J-COPTIRA	FSC-851	FSC-851A
2951JR	2951JRA	FSP-851R	FSP-851RA
2951TJ	2951TJA	FSP-851T	FSP-851TA
2951TMJ	2951MJA	FAPT-851	FAPT-851A
5351J	5351JA	FST-751	FST-751
5351RJ	5351RJA	FST-751R	FST-751R
5951HJ	5951HJA	FST-851H	FST-851HA
5951J	5951JA	FST-851	FST-851A
5951RJ	5951RJA	FST-851R	FST-851RA
7251FJ	7251FJA	FSA-5000	FSA-5000A
7351J	7351JA	FSL-751	FSL-751A
8251FJ	8251FJA	FSA-8000	FSA-8000A
9251FJ	9251FJA	FSA-20000	FSA-20000A
9451FJ	9451FJ	FSA-20000P	FSA-20000P
DH300PL	DH300PLA	FSD-751PL	FSD-751PLA
DH300RPL	DH300RPLA	FSD-751RPL	FSD-751RPLA
JFWSG		FWSG	
	A2951JA		FSA-851A

THINKFORWARD NOTIFIER
Company Internal
Company Internal
© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

JCI to NOTIFIER Cross Reference Doc

JCI model number	Description
IFA-1000-ENC	IFA-1000 enclosuer with door
IFA-1000-LCD	IFA-1000
IFC-320	IFC-320 Intelligent Fire Alarm Panel 120 VAC
IFC-320E	IFC-320 Intelligent Fire Alarm Panel 240 VAC
IFC-320R	IFC-320 Intelligent Fire Alarm Panel; 120 VAC, Red
IFI Workstation	IFI Workstation only
JABF-1B	Annunciator flush box. Mounts one annunciator module.
JABF-1DB	Annunciator flush box. Mounts one annunciator module.
JABF-2B	Annunciator flush box. Mounts two annunciator modules.
JABF-4B	Annunciator flush box. Mounts four annunciator modules.
JABS-1TB	Annunciator Surface Box. Deep with trim cover.
JABS-2D	Annunciator flush box. Mounts two annunciator modules, surface (or semi-flush) mount.
JABS-2DR	Annunciator flush box. Mounts two annunciator modules, surface (or semi-flush) mount. Red.
JABS-4D	Annunciator flush box. Mounts four annunciator modules, surface (or semi-flush) mount.
JABS-4DR	Annunciator flush box. Mounts four annunciator modules, surface (or semi-flush) mount.
JADDR-B4	Audio Command Door for CAB-B4, Black
JADDR-B4R	Audio Command Door for CAB-B4, Red
JADDR-C4	Audio Command Door for CAB-C4, Black
JADDR-C4R	Audio Command Door for CAB-C4, Red
JADDR-D4	Audio Command Door for CAB-D4, Black
JADDR-D4R	Audio Command Door for CAB-D4, Red
JAKS-1B	Annunciator key switch.
JCAB-RP	Cabinet for DVC-RPU, Black
JCAB-RPR	Cabinet for DVC-RPU, Red

NOTIFIER model number	Description
FIRSTVISION-ENC	ONYX FIRSTVISION BACKBOX WITH DOOR
FIRSTVISION-LCD	ONYX FIRSTVISION
NFS-320	NFS-320 Intelligent Fire Alarm Panel 120 VAC
NFS-320E	NFS-320 Intelligent Fire Alarm Panel 240 VAC
NFS-320R	NFS-320 Intelligent Fire Alarm Panel; 120 VAC, Red
ONYXWorks Workstation	ONYXWorks Workstation
ABF-1B	Annunciator flush box. Mounts one annunciator module.
ABF-1DB	Annunciator flush box. Mounts one annunciator module.
ABF-2B	Annunciator flush box. Mounts two annunciator modules.
ABF-4B	Annunciator flush box. Mounts four annunciator modules.
ABS-1TB	Annunciator Surface Box. Deep with trim cover.
ABS-2D	Annunciator flush box. Mounts two annunciator modules, surface (or semi-flush) mount.
ABS-2DR	Annunciator flush box. Mounts two annunciator modules, surface (or semi-flush) mount. Red.
ABS-4D	Annunciator flush box. Mounts four annunciator modules, surface (or semi-flush) mount.
ABS-4DR	Annunciator flush box. Mounts four annunciator modules, surface (or semi-flush) mount.
ADDR-B4	Audio Command Door for CAB-B4, Black
ADDR-B4R	Audio Command Door for CAB-B4, Red
ADDR-C4	Audio Command Door for CAB-C4, Black
ADDR-C4R	Audio Command Door for CAB-C4, Red
ADDR-D4	Audio Command Door for CAB-D4, Black
ADDR-D4R	Audio Command Door for CAB-D4, Red
AKS-1B	Annunciator key switch.
CAB-RP	NOTIFIER CABINET FOR DVC-RPU, BLACK
CAB-RPR	NOTIFIER CABINET FOR DVC-RPU, RED

Company Internal

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Aspiration Smoke Detection



Business Continuity is Paramount



Smoke can be Difficult to Detect



Environments Influence Effective Detection



Evacuation is a challenge



Discreet Detection is Required



Maintenance Access is Difficult



Suppression Reliability is Essential

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

New FireWarden Series

PURSUE NEW OPPORTUNITIES

- **Legacy and Expanding Applications**
  - Compatible with the ONYX series line of addressable detectors
  - Eliminating the need to locate and identify the End-Of-Line (EOL) resistor
    - NFW-50X and NFW-100X panels include NAC End-Of-Line Resistor matching
- **Small Applications Requiring Wireless**
  - Now communicate with NOTIFIER's SWIFT wireless devices

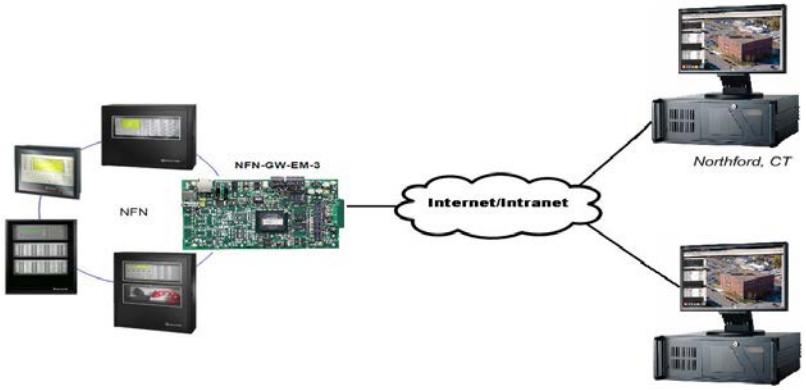
SIMPLIFIED INSTALLATION AND MAINTENANCE

- Four customizable buttons on the panel displays can be programmed to streamline maintenance activities such as group point disable or zone disable

Ability to now lead with NFW (with ONYX series devices) enables you to be more cost competitive and be able to upgrade it to ONYX/Next Gen to expand system capacity or network in the future. Will BE password protected like ONYX...nor more '**123' to default password!

Networking & Integration

- IP monitoring of ONYX series via the NFN Gateway
  - Ideal solution for entities with multiple locations
- Networking enables true ECS/MNS capabilities
  - Educate proper stakeholders on features and benefit
- Integrate any competitive FACP with the DACR-GW
  - Get your foot in the door and or bring in more competitive campus wide system into ONYXWorks
    - Convert competitive panels to NOTIFIER



BDA (For ERRCS)

- Code requirement in a number of jurisdictions
  - AHJ or ordinance requirement in others…and growing
- Work with your RSM to educate AHJs and other stakeholders on the technology
  - Promote other solutions services you provide
- It's a life safety technology and solution that when required is required to be monitored by the FACP
  - You have access to the ONLY UL 2524 listed solution that can be directly integrated to the life safety system





Remote Connectivity



- System Manager App
  - Deliver event notifications to users smart devices
    - View event details and history
  - Configurable Monitoring Profiles and Event Type notifications
    - User can customize
  - No limit on number of site per license (or sub license)
    - Ideal solution for Facility Managers, Property Managers, Building/Campus Maintenance staff

Resources

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

NOTIFIER Support Resources

- Your local NOTIFIER RSM

- Dan Corbett
  - Sr. Sales Applications Specialist
  - Dan.Corbett@Honeywell.com
  - ONYX Series, DVC, Advanced Detection



- Dave Tamulevich
  - Sr. Sales Applications Specialist
  - David.tamulevich@Honeywell.com
  - ONYXWorks, FirstVision, Gateways, BDA



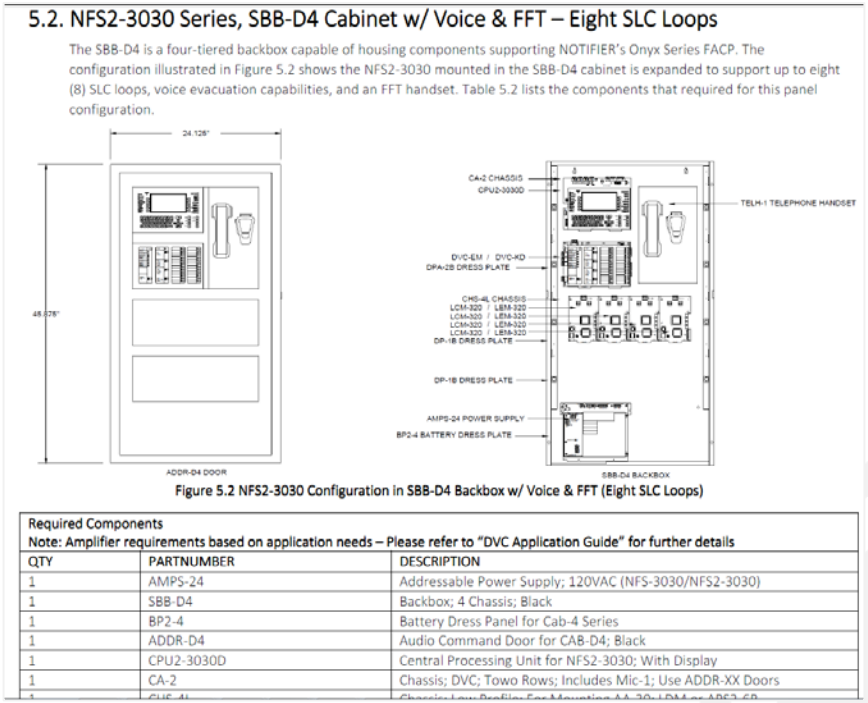
Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

ONYX Series Configuration Manual

- Provides drawings; both overview and detailed parts locations within the enclosure. Along with all the required parts and some optional components
  - Covers FACP head end with or without DVC, and with or without FFT





5.2. NFS2-3030 Series, SBB-D4 Cabinet w/ Voice & FFT – Eight SLC Loops

The SBB-D4 is a four-tiered backbox capable of housing components supporting NOTIFIER's Onyx Series FACP. The configuration illustrated in Figure 5.2 shows the NFS2-3030 mounted in the SBB-D4 cabinet is expanded to support up to eight (8) SLC loops, voice evacuation capabilities, and an FFT handset. Table 5.2 lists the components that required for this panel configuration.

Figure 5.2 NFS2-3030 Configuration in SBB-D4 Backbox w/ Voice & FFT (Eight SLC Loops)

Required Components
Note: Amplifier requirements based on application needs – Please refer to "DVC Application Guide" for further details

QTY	PARTNUMBER	DESCRIPTION
1	AMPS-24	Addressable Power Supply; 120VAC (NFS-3030/NFS2-3030)
1	SBB-D4	Backbox; 4 Chassis; Black
1	BP2-4	Battery Dress Panel for Cab-4 Series
1	ADDR-D4	Audio Command Door for CAB-D4; Black
1	CPU2-3030D	Central Processing Unit for NFS2-3030; With Display
1	CA-2	Chassis; DVC; Towo Rows; Includes Mic-1; Use ADDR-XX Doors

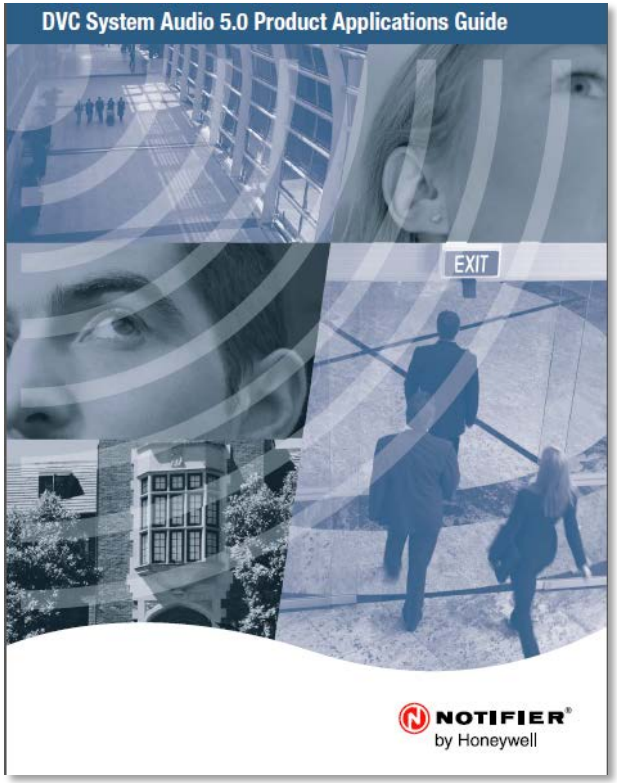
THINKFORWARD NOTIFIER

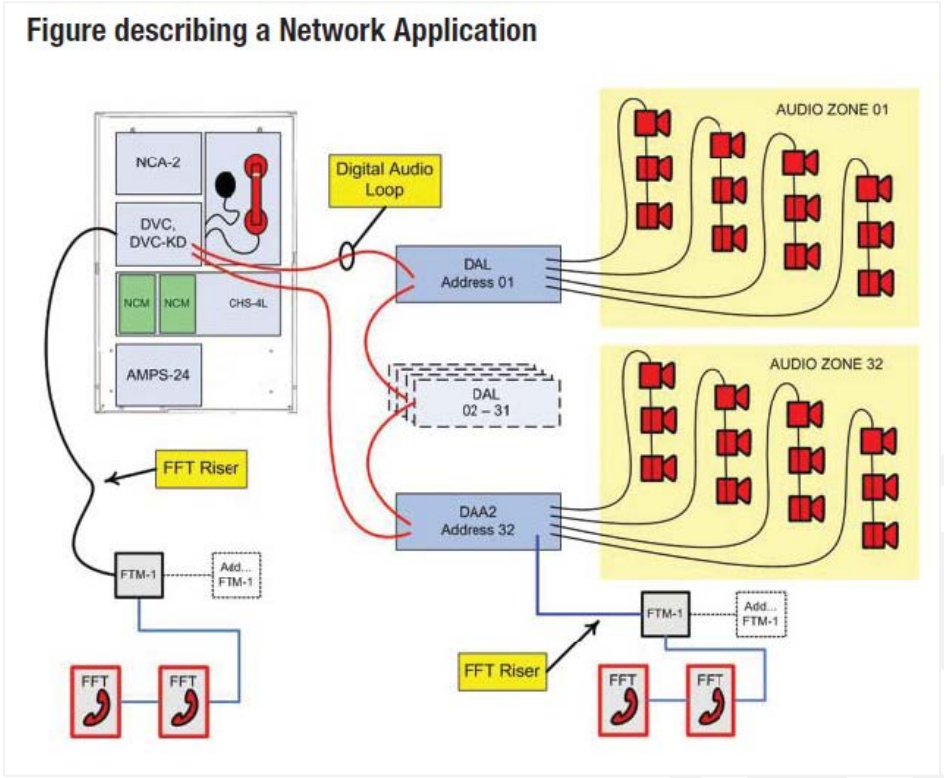
Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

DVC Application Guide

- Great resource for a better understanding of the DVC and associated digital audio loop devices
  - Applications, Configurations and Programming guidance





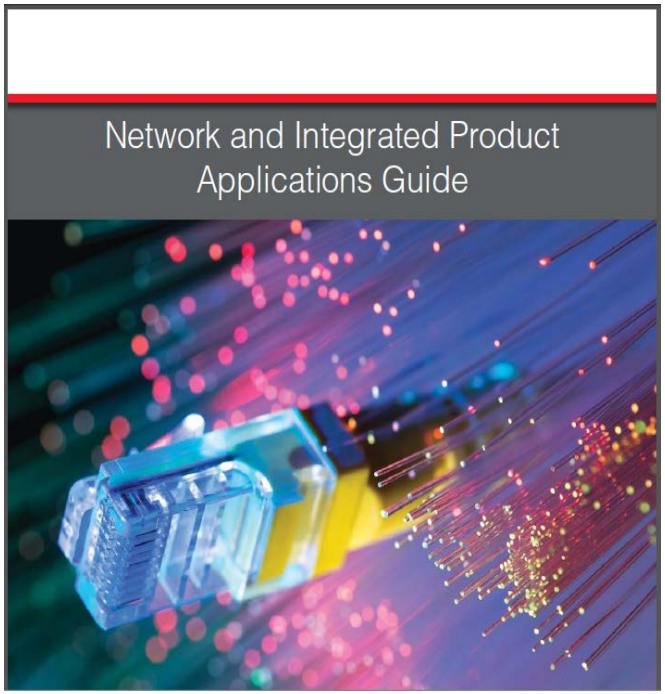
THINKFORWARD NOTIFIER

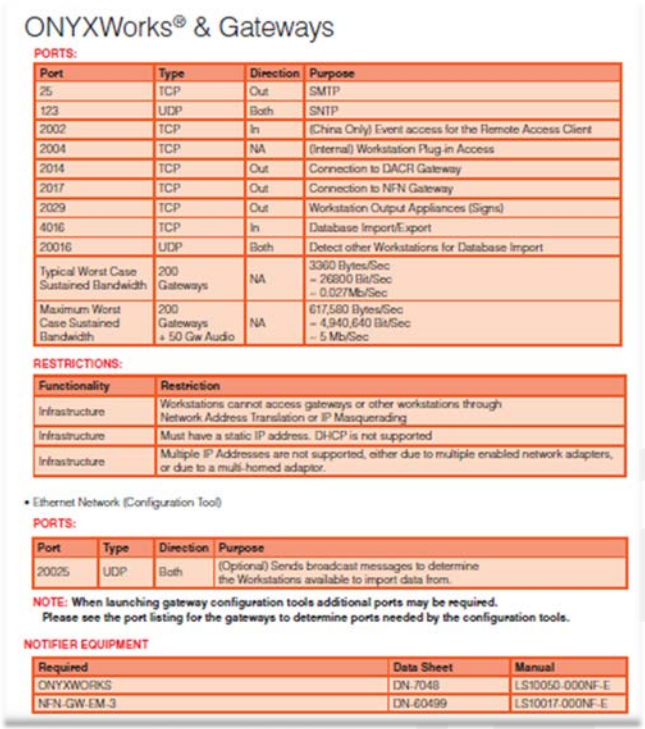
Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

Network & Integrated Products Guide

- Great resource for a better understanding of networking applications and associated products
- Helpful in addressing IT departments concerns/questions





ONYXWorks® & Gateways

PORTS:

Port	Type	Direction	Purpose
25	TCP	Out	SMTP
123	UDP	Both	SNTP
2002	TCP	In	(China Only) Event access for the Remote Access Client
2004	TCP	NA	(Internal) Workstation Plug-in Access
2014	TCP	Out	Connection to DACR Gateway
2017	TCP	Out	Connection to NFN Gateway
2029	TCP	Out	Workstation Output Appliances (Signs)
4016	TCP	In	Database Import/Export
20016	UDP	Both	Detect other Workstations for Database Import
Typical Worst Case Sustained Bandwidth	200 Gateways	NA	3360 Bytes/Sec = 26880 Bit/Sec = 0.027Mb/Sec
Maximum Worst Case Sustained Bandwidth	200 Gateways + 50 Gw Audio	NA	617,580 Bytes/Sec = 4,940,640 Bit/Sec = 5 Mb/Sec

RESTRICTIONS:

Functionality	Restriction
Infrastructure	Workstations cannot access gateways or other workstations through Network Address Translation or IP Masquerading
Infrastructure	Must have a static IP address. DHCP is not supported
Infrastructure	Multiple IP Addresses are not supported, either due to multiple enabled network adapters, or due to a multi-homed adaptor.

• Ethernet Network (Configuration Tool)

PORTS:

Port	Type	Direction	Purpose
20025	UDP	Both	(Optional) Sends broadcast messages to determine the Workstations available to import data from.

NOTE: When launching gateway configuration tools additional ports may be required. Please see the port listing for the gateways to determine ports needed by the configuration tools.

NOTIFIER EQUIPMENT

Required	Data Sheet	Manual
ONYXWORKS	DN-7048	LS10050-000NF-E
NFN-GW-EM-3	DN-60499	LS10017-000NF-E

THINKFORWARD NOTIFIER

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.



Be sure to download the NOTIFIER Annual Leadership Conference 2018 Event App

- Keep Track of Your Personalized Agenda and Event Schedule
- Check-in to workshops
- Stay Up to Date with the Activity Feed
- View Presenter Lists, Documents, Photos, and More!

Visit the App Help Desk by the NOTIFIER Registration

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.

THANK YOU

Company Internal

© 2018 by NOTIFIER by Honeywell Inc. All rights reserved.