



March 9, 2004

DN-6938

## UniNet® Lite Facilities Monitoring Network

### GENERAL

**UniNet® Lite** is a software/hardware package that provides the components necessary to convert an appropriate IBM®-compatible PC into a facilities monitoring network terminal. UniNet® Lite is an intuitive, easy to use, custom color graphic annunciation and control system for the **NFS-3030**, **NFS-640**, **AM2020**, **AFP-1010**, **AFP-400**, **AFP-300**, and **AFP-200** control panels and their peripheral devices. UniNet® Lite also provides the ability to monitor and control an entire **NOTI-FIRE-NET™** (version 5.0 or later) system, and the **NION-2C8M** has the capability to monitor equipment and control panels that have dry contacts.

The UniNet® Lite PC workstation is the operator interface to the UniNet® Lite system, providing an easy-to-use and -learn graphical user interface. The operator is presented with a consistent look and operation for all monitored equipment. On one screen, it provides a simultaneous display of both the current off-normal events and a summary of all other off-normal events within the system. The ability to import and customize screens allows a wide variety of configuration options for any situation. Plug-in applications allow the operator to configure, monitor, and control network devices.

The UniNet® Lite network supports up to **four** nodes of compatible NOTIFIER fire control panels and event printers, as well as dry contacts. Communication between the UniNet® Lite PC and monitored equipment is over a proprietary LonWorks™ network. The LonWorks™ network supports a variety of topologies.

### FEATURES

- **Supported NOTIFIER equipment (4 nodes maximum):**

- **AFP-200** Fire Alarm Control Panel
- **AFP-300/400** Fire Alarm Control Panels
- **AM2020/AFP1010** Fire Alarm Control Panels
- **INA** Intelligent Network Annunciator
- **NFS-640** ONYX® Series Fire Alarm Control Panel
- **NFS-3030** ONYX® Series Fire Alarm Control Panel
- **NOTI-FIRE-NET™** version 5.0 or later.
- **NION-2C8M**
- Autonavagation automatically locates and zooms to the device related to an alarm or event, based on the priority of the event.
- System Administrator-definable security profiles allow for extremely flexible definition of operator accounts.
- Microsoft® Windows® 2000 Professional application.
- Standard mouse control with extensive use of Windows®-style "point and click" operations.
- Dynamically generated sizable key map.
- New and Acknowledged Event boxes display all off-normal events, simultaneously with graphic screens.
- Operator log with response tracking.
- History Manager records operator, event, and response (with time and date stamp) to disk.
- Dynamic search filters for custom reporting of all events.
- Screen database with screens for all sites.



- Administrator-definable macros for device communication.
- Definable function keys, functional buttons, and navigational buttons.
- Floor plans can be zoomed in and out to any level. Devices can be placed at any zoom level.
- Import vector (.WMF) drawing files or bitmaps (.BMP).
- Full linked multimedia (text, audio, video, and bitmaps) to any device, all-definable by the administrator.
- Device pull downs and proximity displays for device-specific information and functions.
- Voice annunciation using definable sentence structuring (*optional*).
- Labeling of hazardous material (HAZMAT) areas and handicap special needs using information labels with full linked multimedia.
- Complete field-editing of all aspects of the system.
- Event printing connected to workstation or network (*requires optional PRN-5 Event Printer*).
- Graphics printing for floor plans, reports, and device listings (*requires approved graphics printer*).
- Remote control of device-specific functions.
- Control of NOTIFIER fire panels (extent of control determined by panel model).
- Backup capability of screen, member, and history databases.

NOTIFIER® is a Honeywell company.

This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact NOTIFIER. Phone: (203) 484-7161 FAX: (203) 484-7118



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**ISO 9001**  
**CERTIFIED**  
ENGINEERING & MANUFACTURING  
QUALITY SYSTEMS



Made in the U.S.A.

## PC REQUIREMENTS (minimum)

UniNet® Lite software and hardware is installed on a PC provided by the customer.

- Intel® Pentium® III 800 MHz processor.
- Graphics card capable of supporting 1024 x 768 screen resolution.
- Auxiliary ports: 1 RS-232 port and serial cable for event printer operation, 1 parallel printer port for software key and graphics printing.
- 256 MB RAM.
- 20 GB hard drive.
- CD-RW.
- Audio with speakers.
- Microsoft® Windows® 2000 Professional Edition SP2.
- 17" monitor, capable of 1024 x 768 display resolution.
- Microsoft® serial PS/2®-compatible mouse.
- 101-key keyboard.

## NETWORK FEATURES

- LonWorks™ technology.
- **Robust 78.5 Kbaud or 1250 Kbaud network and multiple network topologies:**

**FTXC and FOXC:** *FT-10 style run* allows multiple T-taps within a 1,500 foot (457.2 m) radius; 8,000 foot (2438.4 m) point-to-point using twisted pair; or 6,000 foot (1828.8 m) bus topology. FT-10 can also use fiber-optic cabling. Operates at 78.5 Kbaud.

**DFXC:** *FO-10 style run* allows bus or ring topology using only fiber-optic cabling; node-to-node distance of over 10,000 feet (3048 m) using message regeneration. Operates at 1250 Kbaud.

**S7FTXC:** *Style 7 FT-10 style run* with SMX transceiver allows network media interface for **Style 7** wire-based FT-10 topology.

**Routers, repeaters, and bridges** available to increase distance, network configuration or change media (FO-10, FT-10, fiber).

- Connection to most control panels via RS-232 serial port.

## SPECIFICATIONS

Contact NOTIFIER for specifications, [www.notifier.com](http://www.notifier.com).

## PRODUCT LINE INFORMATION

### UniNet-Lite-AM

- **UniNet-Lite-1.0** (software CD).
- **ULite-Americas** (translations and manuals CD).
  - English
  - Spanish
  - Portuguese
- **PCLTA-20** PCI interface board for local area networks.
- Software key.
- Quick Install PID.

### UniNet-Lite-AR

- **UniNet-Lite-1.0** (software CD).
- **ULite-Arabic** (translations and manuals CD).
  - English
  - Arabic
- **PCLTA-20** PCI interface board for local area networks.
- Software key.
- Quick Install PID.

## ADDITIONAL

## ORDERING INFORMATION

### NIONs, Network Transceivers, and Routers

**NION-NPB:** see data sheet **DN-6939**.

**NION-232B:** see data sheet **DN-6914**.

**NION-2C8M:** see data sheet **DN-6918**.

**FTXC:** see data sheet **DN-6916**.

**S7FTXC:** see data sheet **DN-6916**.

**FOXC:** see data sheet **DN-6916**.

**DFXC:** see data sheet **DN-6916**.

**ROUTMB:** see data sheet **DN-6917**.

**4WRMB:** see data sheet **DN-6917**.

**NCB-IM:** see data sheet **DN-6917**.

**NCB-EL:** see data sheet **DN-6917**.

**NCB-FL:** see data sheet **DN-6917**.

**NISCAB-1:** Enclosure, 16-gauge sheet metal, 9.25" (23.495 cm) wide x 12.25" (31.115 cm) high x 2.75" (6.985 cm) deep; order separately.

### NION Personality EPROMs

Order **"-FT"** for FTXC, S7FTXC and FOXC; **"-DF"** for DFXC.

**EP-200-FT/-DF:** for AFP-200 with NION-232B.

**EP-2020-FT/-DF:** for AM2020/AFP1010 with NION-232B.

**EPP-400-FT/-DF:** for AFP-300/400 with NION-NPB.

**EPP-NFN-FT/-DF:** for NFS-640, NFS-3030, or **NOTI•FIRE•NET™** version 5.0 or later with NION-NPB.

**EP-INA-FT/-DF:** for INA with NION-232B.

**EP-2C8M-FT/-DF:** for NION-2C8M with normally OPEN inputs.

**EP-2C8MNCs-FT/-DF:** for NION-2C8M with normally CLOSED inputs.

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# UniNet® Lite WORKSTATION SOFTWARE

**Network Communications Control Section**

**Alarm Summary**

Fire Alarms:	0
Supervisory Alarms:	0
Trouble Events:	0
Security Alarms:	0

**Event Counters (configurable)**

**Expand Button**

**Unacknowledged Event List**

**Acknowledged Event List**

**Floor Plan Display**

**Screen Title**   **Screen No.**   **Site ID**   **Time & Date**   **Zoom Level**

## HISTORY MANAGER

- Logs events, including system start, with time and date.
- Number of events logged limited only by the size of the hard drive.
- Filters for device ID, status, actual time, receive time, text, index, event type, value, site, device type, ack, display id and units.
- Print custom reports.
- Logs user responses.
- Backup warning at 100,000 events.
- Logs operator actions with related events.

**History Manager v1.3.100 - C:\Uninet\History\history.mdb**

ACK	Site	Index	Device ID	Display ID	Status	Actual Time	Receive Time (DESC)
<input type="checkbox"/>	Local	17	Software	Software	Operator Change	4/24/00 3:06:28 PM	4/24/00 3:06:28 PM
<input type="checkbox"/>	Local	16	Software	Software	Operator Change	4/24/00 3:06:04 PM	4/24/00 3:06:04 PM
<input type="checkbox"/>	Local	15	Software	Software	Operator Change	4/24/00 3:02:38 PM	4/24/00 3:02:38 PM
<input type="checkbox"/>	Local	14	Software	Software	Operator Change	4/24/00 3:01:02 PM	4/24/00 3:01:02 PM
<input type="checkbox"/>	Local	13	Software	Software	Software Startup Mode	4/24/00 2:56:48 PM	4/24/00 2:56:48 PM
<input type="checkbox"/>	Local	12	Software	Software	Exiting Software	3/31/00 1:16:15 PM	3/31/00 1:16:15 PM
<input type="checkbox"/>	Local	11	Software	Software	Operator Change	3/31/00 1:12:41 PM	3/31/00 1:12:41 PM
<input type="checkbox"/>	Local	10	Software	Software	Operator Change	3/31/00 1:12:31 PM	3/31/00 1:12:31 PM
<input type="checkbox"/>	Local	9	Software	Software	Operator Change	27/00 11:43:02 AM	27/00 11:43:02 AM
<input type="checkbox"/>	Local	8	Software	Software	Operator Change	27/00 11:40:20 AM	27/00 11:40:20 AM
<input type="checkbox"/>	Local	7	Software	Software	Operator Change	27/00 11:40:13 AM	27/00 11:40:13 AM
<input type="checkbox"/>	Local	6	Software	Software	Operator Change		
<input type="checkbox"/>	Local	5	Software	Software	Operator Change		
<input type="checkbox"/>	Local	4	Software	Software	Operator Change		
<input type="checkbox"/>	Local	3	Software	Software	Operator Change		
<input type="checkbox"/>	Local	2	Software	Software	Operator Change		
<input type="checkbox"/>	Local	1	Software	Software	Operator Change		

**Select Filter Criteria**

Index: ☐ Filter By  Thru

Event Type: ☐ Filter By

Value: ☐ Filter By

Site: ☐ Filter By

Device Type: ☐ Filter By

**filter1.jpg**

**Select Filter Criteria**

Device ID: ☒ Filter By

Status: ☒ Filter By

Actual Time: ☐ Filter By  Time:  Thru  Time:

Receive Time: ☐ Filter By  Time:  Thru  Time:

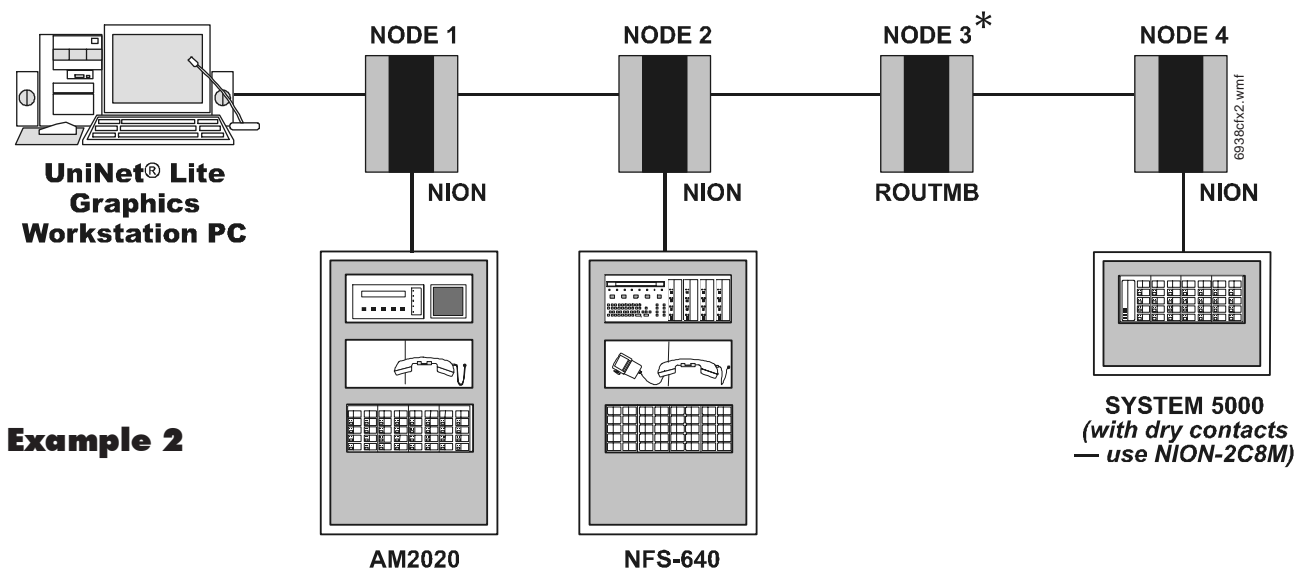
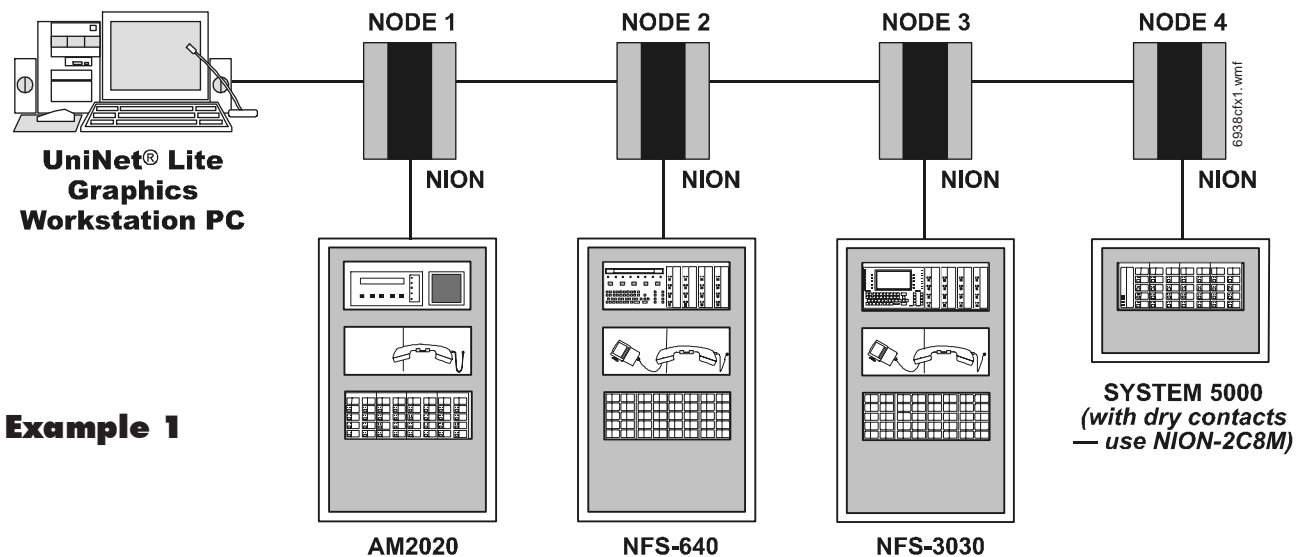
Text: ☒ Filter By

**filter.jpg**

Apply New Filter   Add Filter   Cancel

# UniNet® Lite TOTAL BUILDING SYSTEMS INTEGRATION

## Sample Configurations



**NOTE:** \*ROUTMB utilizes a single node address. NCB-EL/-FL utilize two node addresses.