NOTIFIER ONYX Series NCS Network Control Station Instruction Manual

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Contents

General

The NOTIFIER Network Control Station (NCS) is a high-performance desktop computer with text and color graphics display capability of all network events and points. The NCS runs under the user-friendly Windows® environment. The NCS is an ideal addition to NOTI·FIRE·NET™ (see Ordering Information for version compatibility) when network monitoring and control are required.

NCS Hardware Features

Pentium®-based computer consisting of:

- Intel® 2.0 GHz Pentium® IV microprocessor.
- 1 GB RAM.
- 80 GB hard drive.
- 104-key keyboard.
- PS/2 mouse.
- 300 Watt power supply.
- CD-RW/DVD-ROM drive.
- Sound card, and microphone.
- 19″ flat-screen LCD monitor.

NCS Software Features

- Windows® XPProfessional operating system.
- Pager interface.
- Mouse control with extensive use of Windows-style "point and click" operation.
- Vectors to a screen displaying an alarm with or without operator intervention.
- Cursor changes automatically to indicate on-screen action areas.
- New and Acknowledged Event boxes display all off-normal status simultaneously with graphic screens.
- Operator log-on with response tracking.
- History Manager records operator, event, and response with time-and-date stamp to hard drive.
- Multiple search filters make History Manager a powerful management tool.
- An unlimited number of events can be stored in the history manager. A warning is generated every 100 events after 100,000 events are stored.
- A complete library of device icons is included.
- Custom device icons can be created in the field.
- Add, edit, and delete devices and screens in the field.
- complete library of HAZMAT and information labels for identifying areas that present an extra hazard to personnel.
- Link devices or system events to voice (*.wav), text, or bitmap files.
- All software backed up on CD-RW/DVD-ROM.
- Read Status/Program/Edit window network points (online).
- Walk-test over the network (NFS2-3030, NFS-3030, NFS640, and NFS-320 only).
- Software Version window obtain software version numbers for network panels (NFS2-3030, NFS-3030, NFS-640, NFS-320, NCA, NCS, NWS, and BACnet Gateway).
- Secure DesktopTM is bundled with NCS and allows the installer to restrict access to the Windows® XP Pro workstation.
- Microsoft® Excel 2000 is bundled with the NCS to fully utilize the spreadsheet option when running VeriFire® Tools.
- Up to five states can be visually represented for each input device: Normal, Trouble, Alarm, Pre-Alarm (detectors), Disabled.

- Up to four states can be visually represented for each output device: Normal, Trouble, Active, Disabled.
- Up to two states can be visually represented for each System Trouble: Normal, Trouble.
- Off-Normal Event window (color coded).
- Network-wide Disabled Device window.
- Mini-History viewer, last 1,000 events (color coded).
- Upload/Download NFS2-3030, NFS-3030, NFS2-640, NFS-640, NFS-320, NCA, AM2020, and AFP1010 databases over the network.
- Download NFS2-3030, NFS-3030, NFS2-640, NFS-640, NFS-320, NCA-2, and NCM application code over the network.
- Login/Logout/Change Password.
- Hundreds of operators/passwords.
- Programmable access per feature, per node, per user matrix.
- Logs in history any programming changes.
- GSP (Graphic Setup Program) imports DWG-formatted (AutoCAD®) files to BMP.
- Graphic Editing and Navigation aids (on-site modifiable).
- SVGA 1024 x 768 color graphics.
- Programmable Alarm and Trouble tones (variable frequency).
- Control ON/OFF all networked NFS2-3030, NFS-3030, NFS2-640, NFS-640, NFS-320, NCA-2, AM2020, AFP1010, AFP-400, AFP-300 output points.
- Individual Enable/Disable or Group Enable/Disable all networked NFS2-3030, NFS-3030, NFS-640, NFS-320, NCA, AM2020, AFP1010, AFP-400, AFP-300 points and zones.
- Archived history files.

Specifications

CPU DIMENSIONS: Desktop/Rackmount Unit: Width: 482 mm (19.0″). Depth: 450 mm (17.7″). Height: 177 mm (7.0″). Weight: 17.5 kg (39 lbs.). NOTE: Dimensions subject to change. Contact NOTIFIER for further information.
CPU ELECTRICAL: AC Input: (frequency 50/60 Hz), 7.0 A @ 115 V (95-132 V), 4.0 A @ 230 V (185-264 V).
MONITOR DIMENSIONS: 19″ Flat-screen LCD Color Monitor: Width: 418 mm (16.5″).
Height: 427.8 mm (16.8″). Depth: 199.5 mm (7.9″). Weight: 6.5 kg (14.3 lbs.). NOTE: Dimensions subject to change. Contact NOTIFIER for further information.
MONITOR ELECTRICAL: AC Input: 1.7 A @ 100 240 VAC, 50/60 Hz (auto-adjust). Power consumption: 40 watts (maximum).

Agency Listings and Approvals

These listings and approvals apply to the NCS. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.
UL/ULC Listed: S635 (Version 5.0 network only)

- UL Listed: S624 (Version 3.0 network only)
- ULC Listed: CS118 (Version 3.0 network only)
- FM approved: (NFS2-640, NFS-640, NFS2-3030, NFS3030, NFS-320, NCA, NCA-2 (except NCS4(-W/-F)-ONYX.
- CSFM approved: file 7300-0028:221 (except NCS4(-W/-F)- ONYX.

Ordering Information

WARRANTY: The PC and monitors are warranted from date of purchase for a period of 12 months. Please refer to NOTIFIER's Limited Warranty Policy for additional information.

Minimum NCS equipment options/requirements are available for versions 5.0, 4.0, and 3.0 as follows:

NOTI·FIRE·NET VERSION 5.0 NETWORK

NCS5-W-ONYX: NCS version 5.9 for wire network. With mouse, 19″ color flat-screen LCD monitor, graphics capability, and an NCS-NCWPCA version 2.0.

NCS5-F-ONYX: NCS version 5.9 for fiber network. With mouse, 19″ color flat-screen LCD monitor, graphics capability, and an NCS-NCFPCA version 2.0.

NCA-2: Network Control Annunciator version 14.1.

NCA: Network Control Annunciator version minimum 3.0.

AM2020: Requires version 4.3 (or higher) firmware for DIA and CPU; version version 4.3 (or higher) LIB; and 5.81 firmware for SIB (AROM5.0M-SIB).

AFP1010: Requires version 4.3 (or higher) firmware for DIA and CPU; version version 4.3 (or higher) LIB; and 5.81 firmware for SIB (AROM5.0M-SIB).

NAM-232W: Requires version 5.0 firmware for wire network (NROM-NAM5.0M).

NAM-232F: Requires version 5.0 firmware for fiber network (NROM-NAM5.0M).

NFS-640: NFS-640 version 3.4.3.

NFS2-640: NFS2-640 version 12.1.

NFS-3030: NFS-3030 version 2.11.7.

NFS2-3030: NFS2-3030 version 14.1 or higher.

NCM-W: Network Communications Module version 3.40 for wire network.

NCM-F: Network Communications Module version 3.40 for fiber network.

VERIFIRE-TCD: VeriFire Tools CD version 5.5.

VERIFIRE-1020: VeriFire for AM2020/AFP1010 Version 4.20.

BACNET GATEWAY: BACnet Gateway version 3.95 (NFS3030, NFS-3030, NFS-640, NCS, NCA-2, NCA, and AM2020/ AFP1010).

NWS: NOTI·FIRE·NET Web Server version 2.0.

NOTE: The NOTI·FIRE·NET version 5.0 network will NOT support the INA. There are no changes to the AFP-200 or AFP-300/ 400 panel code for this version of the network.

NOTI·FIRE·NET VERSION 3.0 NETWORK NCS-NCWPCA version 2.2.

NCS-NCFPCA version 2.2.

INA: Intelligent Network Annunciator, requires version 3.0 firmware.

AM2020: Requires version 3.2 (or higher) firmware for DIA and CPU; version 3.0 (or higher) LIB; and 3.0 firmware for SIB.

AFP1010: Requires version 3.2 (or higher) firmware for DIA and CPU; version 3.0 (or higher) LIB; and 3.0 firmware for **SIB.**

NAM-232W: Requires version 3.0 firmware for wire network.

NAM-232F: Requires version 3.0 firmware for fiber network.

VERIFIRE-1020: VeriFire® for AM2020/AFP1010 Version 3.4 Build 2.

NOTE: The NOTI·FIRE·NET version 3.0 network will NOT support the ONYX® Series of products (NFS-640, **NFS-3030,** NFS23030, NCA, NWS, or BACnet Gateway).

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.

www.notifier.com

firealarmresources.com

Documents / Resources

[NOTIFIER ONYX Series NCS Network Control Station](#) [pdf] Instruction Manual
ONYX Series NCS Network Control Station, ONYX Series, NCS Network Control Station, NCS
Network Station, Control Station, Station

References

- ⚜ **[Fire Alarm Resources | Download fire alarm documents](#)**
- Ⓝ **[Home (USA) | NOTIFIER by Honeywell | Engineered Fire Alarm System.](#)**

Manuals+,