NOTIFIER®

NCS
Network Control Station
Release 2.0
Section: Network Systems

General

The NOTIFIER **Network Control Station (NCS)** is a high-performance desktop computer with text and 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**™ *(Release 4.0 or higher)* when network monitoring and control are required.

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NCS Hardware Features

Pentium®-based computer consisting of:

- Intel® 400 MHz Pentium® II microprocessor.
- 128 MB RAM.
- 8 MB video RAM.
- 512 KB cache memory.
- 3.2 GB hard drive.
- 1.44 MB floppy drive.
- 101-key keyboard.
- PS/2 mouse.
- 200 Watt power supply.
- 3.2 GB tape backup.
- 32X CD-ROM.
- Sound card, microphone, and speakers.
- 10 KA surge protector.

NCS Software Features

✔ Windows® NT Workstation 4.0 operating system.
✔ 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.
✔ Allows for creation of an estimated 30,000 screens and floor plans.
✔ 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.
✔ A 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 tape (internal tape drive included).
✔ Read Status/Program/Edit window – network points (on-line).
✔ Walk-test over the network (NFS-640 only).

✔ Software Version window – obtain software version numbers for network panels (NFS-640, NCA, and NCS).
✔ Secure Desktop™ is bundled with NCS and allows the installer to restrict access to the Windows® NT workstation.
✔ Microsoft® Excel 2000 is bundled with the NCS to fully utilize the spreadsheet option when running *VeriFire™ Tools*.
✔ Paintshop Pro™, an extensive drawings program, is bundled with the NCS and is utilized by the graphics program.
✔ Up to five states can be visually represented for each input device: Normal, Trouble, Alarm, Pre-Alarm, 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 NFS-640/NCA/AM2020/AFP1010 databases over the network.
✔ Download NFS-640/NCA/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.
✔ Building Graphics window imports DWG-formatted (AutoCAD®) files to BMP.

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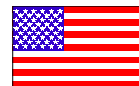
NOTIFIER®   12 Clintonville Road, Northford, Connecticut 06472

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ENGINEERING & MANUFACTURING

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✔ Graphic Build and Navigation aids (on-site modifiable).
✔ SVGA 1024 x 768 graphics.
✔ Programmable Alarm and Trouble tones (variable frequency).
✔ Control ON/OFF all networked NFS-640/NCA/AM2020/AFP1010/AFP-400/AFP-300 output points.
✔ Individual Enable/Disable or Group Enable/Disable all networked NFS-640/NCA/AM2020/AFP1010/AFP-400/AFP-300 points and zones.
✔ Archived history files.

Specifications

CPU DIMENSIONS (tower unit)

Width: 22.7 cm (8.94"). *Depth:* 43.2 cm (17"). *Height (feet installed):* 37.5 cm (14.76"). *Weight (chassis assembly, optional fan, and power supply):* 7.97 kg (17.7 lbs.).

ELECTRICAL

AC Input: (frequency 50/60 Hz), voltage 115 V (90-135 V) at 3.5 A; 230 V (180-265 V) at 2.0 A.

MONITOR DIMENSIONS

19" Monitor: *Width:* 452 mm (17.8"). *Height:* 465 mm (18.3"). *Depth:* 468 mm (18.4"). *Weight:* 22.0 kg (48.5 lbs.). 90 to 240 VAC, 50/60 Hz (auto-switch). *Power consumption:* 130 Watts (typical).

NOTE: Dimensions subject to change. Contact NOTIFIER for further information.

Agency Listings and Approvals

See the first page of this data sheet for listing agencies and file numbers. 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.

Ordering Information

The NCS equipment options are as follows:

Wire (NCS-NCW) Interface NCS:

NCS-W NCS with mouse, 19-inch monitor, graphics capability, and a NCS-NCW.

Fiber (NCS-NCF) Interface NCS:

NCS-F NCS with mouse, 19-inch monitor, graphics capability, and a NCS-NCF.

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.*