

## Network Command Center

### NCCXP Software

### Models NCCXP-G, NCCXP-GL and NCCXP-WAN

#### ARCHITECT AND ENGINEER SPECIFICATIONS

- Supports networked and / or standalone systems
- Simultaneous reset and graphics mode
- Unlimited device-graphic zoom levels
- Time-based command generation
- Built-in graphics editor
- Event-type display by color and icon
- Icon editor
- Individual-device control (arm / disarm)
- Context-sensitive help hypertext
- User-definable macro commands
- Supervised logging and graphics printers
- Custom-device messages
- Multi-level password protection
- System-backup capacity indicator
- Web interface
- Sound-element assignment for system state
- Automatic graphics printing based on event type
- Includes flat screen for reduced desk space
- Larger font for multiple-line-event messages
- Multiple filters for concise history-report generation
- History data in ASCII format for use on external databases
- Industrial PC based
- ©UL 864 9<sup>th</sup> Edition Listed



### Product Overview

The Network Command Center (NCC) is a Windows® based, color-display and control-software package for use with the Siemens Industry, Inc. – Fire Safety division's MXL or FireFinder XLS Life-Safety Network. NCC provides a central monitoring and control point for each autonomous FireFinder or MXL system.

NCC is comprised of three (3) package offerings:

- Model NCCXP-G provides a graphical, network command center for networked MXL and FireFinder XLS-series panels
- Model NCCXP-GL serves as the graphical command center for a standalone MXL or FireFinder XLS system
- Model NCCXP-WAN – with the use of the HUB-4 communication card – allows for communication to a XL3 control panel by using a MMX modem or a MXL control panel, via a Model CMI-300 modem, or to a conventional panel using WAIO.

Further, the Model NCCXP-WAN package connects to the FireFinder XLS and MXL systems.

Model NCCXP-WAN can also be used to monitor and control "I / Os," such as non-Siemens fire alarm systems by using WAIO modules on the HUB-4 card.

NCC utilizes a user-friendly design to intuitively guide the operator to take appropriate action to NCC system events (e.g. – *Alarm, Trouble, or Supervisory*).

When a NCC device is activated, the internal audibles of a NCC-networked personal computer (PC) will sound; while the event type, the device graphical location and text message are displayed instantly. The response buttons flash; prompting the user to take the suitable action quickly and in the correct sequence. A check mark next to the event message lets the operator know the appropriate action has been taken.

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## Product Overview – (continued)

The node status bar featured on the main display allows for individual node control. By simply clicking on the node icon, an individual MXL or FireFinder XLS system can be disconnected; re-connected; reset, and / or instant-status data can be obtained without interrupting the entire network.

NCC stores an unlimited number of macro commands. A macro command allows for repetitive commands to be narrowed down to one (1) button or command. Macro commands can be activated either by a manual command or from the User notebook, which can hold a maximum of 40 commands.

### NFPA 72 Local – Campus Configuration

The NCC console is in monitoring mode only. The remote nodes are configured as standalone NFPA 72 local – campus panels. Local control is through the MXL system's MKB (annunciator / keyboard) or the FireFinder XLS system's PMI. NCC displays all system information, but cannot control a remote node.

### NFPA 72 Local – High-Rise Configuration

NCC is the primary control point for a collection of MXL or FireFinder XLS nodes. It is capable of block acknowledge, query and control of the system. The remote nodes are configured as NFPA 72 Local – High-Rise Units, and may contain their own annunciator / keyboards. Local control is possible at a remote location, using an annunciator / keyboards that are contained in a locked area.

### Web Interface

NCC can also provide a web interface via an Ethernet connection. The web interface allows for sole monitoring of the life-safety network over the internet / intranet, via a standard web browser.

## Specifications

The communication between the NCC and the life-safety network shall be conducted through a PC internal interface card (Model NCCF-2F). The program utilizes Windows XP Professional® operating-system platform. Interaction with the NCC program shall be conducted via mouse, keyboard and / or optional touch screen.

The NCC shall clearly and instantly annunciate and display any system event. The system shall be user intuitive to prompt the operator to take the appropriate action to an emergency situation. The command center shall perform in accordance to either the NFPA system; definition-assigned campus high-rise, or proprietary system.

The main display shall clearly display the event type, graphical location of the event, the assigned text message and status of the operator's response. Individual node control shall be granted through the node status bar on the main display. Individual node control shall comprise of the disconnection, reconnection, and resetting of an individual node without interruption of the entire life-safety network.

NCC shall accept a wide variety of sources for screen images, such as: .pcx, bitmap, and AutoCAD files, etc.

An unlimited number of zoom levels can be assigned to any particular device address. The NCC shall offer real-time, online graphics-editing software. An icon editor shall also be accessible to create customized icons.

The show option shall provide instant information on the life-safety system. This information shall include – but is not limited to – the number of *Alarm, Trouble, Supervisory, Analog Voltages, Threshold Values, Sensitivity Values, etc.*

NCC shall have the capability to store its history on the hard drive of the personal computer. The amount of data stored shall be limited to the amount of hard-drive space.

A macro-manager program shall allow repetitive sequence of commands to be activated by one button on the user notebook or a manual command.

A multi-level password shall be utilized to prevent unauthorized users from operating the life-safety network at any time. The password assignment can be conducted by either individual-log assignments or password-level assignments.

NCC shall be able to directly integrate third-party, fire-alarm systems and / or "I / Os", via use of supervised, dry contacts in a star configuration.

## Details for Ordering NCC Graphics Product Line

| Model Number | Part Number | Description  |
|--------------|-------------|--|
| NCCXPGL-19L  | 500-650181  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD monitor, single-node software program       |
| NCCXPGL-19TL | 500-650182  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD monitor, single-node software program |
| NCCXP1G-19L  | 500-650183  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD monitor, 16-node software program           |
| NCCXP1G-19TL | 500-650184  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD monitor, 16-node software program     |
| NCCXP2G-19L  | 500-650185  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD monitor, 32-node software program           |
| NCCXP2G-19TL | 500-650186  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD monitor, 32-node software program     |
| NCCXP3G-19L  | 500-650187  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD monitor, 48-node software program           |
| NCCXP3G-19TL | 500-650188  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD monitor, 48-node software program     |
| NCCXP4G-19L  | 500-650189  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD monitor, 64-node software program           |
| NCCXP4G-19TL | 500-650190  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD monitor, 64-node software program     |

**Note:** NCCXP software program is not sold separately.

## NCCXP Graphics WAN Product Line

| Model Number    | Part Number | Description   |
|-----------------|-------------|---|
| NCCXPWAN1G-19L  | 500-650193  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD Monitor, Single-node software program              |
| NCCXPWAN1G-19TL | 500-650194  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD Monitor, Single-node software program        |
| NCCXPWAN2G-19L  | 500-650195  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD Monitor, 16-node software program                  |
| NCCXPWAN2G-19TL | 500-650196  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD Monitor, 16-node software program            |
| NCCXPWAN3G-19L  | 500-650197  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD Monitor, 32-node software program                  |
| NCCXPWAN3G-19TL | 500-650198  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD Monitor, 32-node software program            |
| NCCXPWAN4G-19L  | 500-650199  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD Monitor, 48-node software program                  |
| NCCXPWAN4G-19TL | 500-650200  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD Monitor, 48-node software program            |
| NCCXPWAN5G-19L  | 500-650201  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD Monitor, 64-node software program                  |
| NCCXPWAN5G-19TL | 500-650202  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD Monitor, 64-node software program            |
| NCCXPWAN6G-19L  | 500-650203  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" LCD Monitor and NCCXP OS/2 text-conversion program     |
| NCCXPWAN6G-19TL | 500-650204  | ⓈUL 864 9 <sup>th</sup> Edition Listed PC with XP: 19" touch LCD Monitor & NCCXP OS/2 text-conversion program |

## NCC Upgrade Packages

| Model Number | Part Number | Description  |
|--------------|-------------|--|
| NCC-G16      | 500-696098  | Expands an existing NCC graphics system to support 16 additional nodes |

**Note:** NCC counts as a node.

## NCC Rack-Mounted Equipment

| Model Number | Part Number | Description                   |
|--------------|-------------|-------------------------------|
| RM-ENCL      | 500-699416  | Rack Mount System Enclosure   |
| RM-KYBD      | 500-699417  | Rack Mount Keyboard           |
| RM-DISPLAY   | 500-699418  | Rack Mount Display (19" only) |

## NCC Accessories

| Model Number | Part Number | Description  |
|--------------|-------------|--|
| PAL-1        | 500-692407  | ⓈUL 864 9 <sup>th</sup> Edition Listed parallel printer (monochrome text only) |
| NCC-2F       | 500-849430  | ⓈUL 864 9 <sup>th</sup> Edition Listed (PC Interface Card)                     |

**Note:** Model NCC-2F is pre-installed in the ⓈUL 864 9<sup>th</sup> Edition Listed computer for all NCCXP packages.

## Related Documentation

| Product   | Catalog Sheet Number |
|-----------|----------------------|
| Desktop   | 5070                 |
| NCC-2F    | 5081                 |
| HUB, WAIO | 5075                 |

## Details for Ordering NCC Replacement Equipment

| Model Number | Part Number | Description   |
|--------------|-------------|---|
| NCCXPGUK-19  | 500-650191  | UL 864 9th Edition Listed PC with XP, 19" LCD monitor and NCCXP OS/2 text-conversion program  |
| NCCXPGUK-19T | 500-650192  | UL 864 9th Edition Listed PC with XP, 19" touch LCD monitor and NCCXP OS/2 text-conversion program                                    |
| SCDXP-B      | 500-650234  | UL 864 9th Edition Listed PC with pre-loaded NCC version — one [1] NCC-2F card for XNET. {LCD flat-screen monitor not included}       |
| SCDXP-BT     | 500-650235  | UL 864 9th Edition Listed PC with XP for touch-screen use —NCCXP version ; includes one [1] NCC-2F card                               |
| SCDXPWAN-B   | 500-650236  | UL 864 9th Edition Listed PC with pre-loaded NCCXPWAN version — two [2] NCC-2F cards for XNET. {LCD flat-screen monitor not included} |
| SCDXPWAN-BT  | 500-650237  | UL 864 9th Edition Listed PC with XP for touch-screen use —NCCXPWAN version; includes one [1] NCC-2F card                             |
| SCD-19L-2    | 500-650238  | 19" LCD flat-screen monitor   |
| SCD-19LT-2   | 500-650239  | 19" LCD flat-screen / touch-screen monitor  |

**Note:** All the above packages include Model NCC-2F card installed in the UL 864 9th Edition Listed PC.

NCC Software Program is not sold separately.

## UL 864 9th Edition Listed Industrial Computer Requirements

|                  |   |
|------------------|---|
| Model            | NCCXP Series  |
| CPU              | Pentium 4 2.8 GHz                                     |
| O/S              | Windows XP® Professional                              |
| RAM              | 1 GB  |
| Hard Disk        | 80 GB   |
| Floppy           | 1.44M Bytes   |
| SVGA LCD Monitor | 19"   |
| Touch Screen     | 19"   |
| Serial Ports     | 2   |
| Parallel Ports   | 2   |
| Printer          | PAL-1<br>(UL 864 9th Edition Listed parallel printer) |
| CD-ROM           | R / W, DVD-ROM  |
| USB              | 4 ports   |
| Ethernet         | (10 / 100BT & Gigabit LAN)                            |

**Note:** To obtain four (4) hours of Standby power, the ICS LifeLine Model 9300057 UPS is recommended.

**Notice:** This marketing catalog sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.