SIEMENS

FireFinder Command Center System

NCC-G, NCC-T, NCC-GL

ENGINEER AND ARCHITECT SPECIFICATIONS

- Intuitive Graphical User Interface (GUI) (NCC-G, NCC-GL)
- Global and Local Commands
- Simultaneous Interactive Terminal and Graphics Mode (NCC-G, NCC-GL)
- Time Based Command Generation
- SVGA Graphics Support (Any Format) (NCC-G, NCC-GL)
- Built-In Graphics Editor (NCC-G, NCC-GL)
- Event Display by Color and Icon
- Icon Editor (NCC-G, NCC-GL)
- Context Sensitive Help Hypertext
- User Definable Macros
- Complete History Log and Report Generation
- Supervised Logging and Graphics Printers
- Automatic Graphics Printing Based on Event Type (NCC-G, NCC-GL)
- Full Touch Screen Support
- Custom Device Messages
- Multi-Level Password Protection
- Multitasking Window Style Environment
- Industrial PC Based
- (UL) Listed, ULC Listed

Description

FireFinder is a PC based color display and control software package for use with the Cerberus Pyrotronics MXL life safety network. FireFinder provides a central monitoring and control point for each autonomous MXL system.

FireFinder comprises of three package offerings. The NCC-G provides a graphical command center for networked MXL series panels. The NCC-GL serves as the graphical command center for a single MXL system. The NCC-T provides a command center for networked MXL series panel in a text format.

FireFinder utilizes a user friendly design to intuitively guide the operator to take the appropriate action to a system's events, whether the event be an alarm, trouble or supervi-

sory. When an event is activated, the PC's internal audibles sound and the event type, the device graphical location (NCC-G, NCC-GL), and text message is 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 that the appropriate action has been taken. This mechanism makes any operator feel comfortable and confident when monitoring the life safety system.

The node status bar featured on the main display allows for individual node control. By simply clicking on the node icon, an individual MXL, MXL-IQ or MXLV system can be disconnected, reconnected, reset and/or instant status information can be obtained without interrupting the entire network.

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FireFinder stores an unlimited number of macro commands. A macro command allows for repetitive commands to be narrowed down to one button or command. Macro commands can be activated either manually or from the User notebook, which can hold up to 40 commands.

FireFinder (NCC-G, NCC-GL) can accept a wide variety of graphic images such as bit mapped representations, floor plans, and scanned color photographs. Unlimited zoom levels provide the user with the flexibility to choose the amount of detail that is needed for each detection device. The built-in Graphics Editor allows images to be updated and/or detailed text to be added right at the PC eliminating the need for the image to be imported again. The Icon Editor allows the user to create customized icons, which may be easily recognized by the operators.

The SHOW button on the display provides the user with instant information on the LifeLink network such as event specific data, device sensitivities, module and device types, etc.

FireFinder maintains a history log of all the system events. A set of criteria can be utilized to customize a history report. The main display tells the operator when enough history has been accumulated on the hard drive to fill a 3.5″ diskette for backup purposes.

FireFinder is capable of operating in various modes depending upon the desired MXL network architecture. The three UL Listed configurations are:

NFPA 72 Local - Campus Configuration

The FireFinder console is in monitoring mode only. The remote MXL nodes are configured as standalone NFPA 72 Local - Campus panels. Local control is through the MXL's MKB (annunciator/keyboard). FireFinder displays the current values of analog voltages, sensitivities, etc. FireFinder can not directly control a remote node.

NFPA 72 Local - Highrise Configuration

FireFinder is the primary control point for a collection of MXL nodes. It is capable of block acknowledge, query, and control of the system. The remote MXL nodes are configured as NFPA 72 Local - Highrise units and may contain their own MKBs (annunciator/keyboards). No local control is possible at a remote MKB unless its node is out of communication with the FireFinder computer.

NFPA 72 Proprietary Configuration

FireFinder is the primary control point for a collection of MXL nodes. It is capable of top event acknowledge, query, and control of the system. The remote MXL nodes are configured as NFPA 72 Proprietary units and may contain their own MKBs (annunciator/keyboards). Local control is possible at a remote location using an MKB that is behind a locked door.

Engineer & Architect Specifications

FireFinder shall provide a central monitoring and control point for an MXL networked system. FireFinder shall comprise of the NCC-G series, NCC-GL and NCC-T series. The NCC-G shall provide a graphical command center for networked MXL series panels. The NCC-GL shall provide a graphical command center for a single MXL system. The NCC-T shall provide a network command center for networked MXL series panel in a text format.

The communication between the FireFinder and the life safety network shall be obtained through a PC internal interface card (CPY model/part number: NCC-1F/500-895966). FireFinder shall operate on a mission critical, multitasking platform to allow for other options to be activated without comprising system integrity.

The FireFinder shall clearly and instantly annunicate and display any system event. The system shall be user intuitive to prompt the operator to take the appropriate action to an emergency situation. FireFinder shall perform in accordance to 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 (NCC-G, NCC-GL), the assigned text message and status of the operator's response. Individual node control shall be granted through 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. FireFinder shall accept commands from the PC's keyboard, a mouse and/or optional touch screen.

Although the default graphic image type is .pcx, FireFinder (NCC-G, NCC-GL) shall accept a wide variety of sources for screen images such as bitmap representations, scanned photographs, autocad drawings, etc. A graphic editor shall be incorporated into the program to allow on-line editing of graphics. An unlimited number of zoom levels can be assigned to any particular device address to obtain more detailed information. An icon editor shall be accessible to create customized icons.

The FireFinder shall offer an option for the operator to obtain instant information on the life safety system. This information shall include, but is not limited to, number of alarms, troubles, supervisories, analog voltages, threshold values, sensitivity values, etc.

The FireFinder shall have the capability to store the system's history on the PC's hard drive. The amount of data stored shall be limited to the amount of hard drive space. Criteria shall be established for the generation of customized history reports. The main display shall indicate to the operator the amount of history accumulated for backup purposes.

A macro manager shall be incorporated into the FireFinder program to allow a repetitive sequence of commands to be activated by one button or 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 either by individual log assignments or password level assignments.

UL Listed Industrial Computer Requirements

Model*	CP7585-P133
CPU	Pentium 133Mhz
DOS	7.0 or higher
OS/2	Warp 4.0
RAM	32 MBytes
Hard Disk	1.2 GByte
Floppy	1.44 MBytes
Graphics Card	IBM XGA-2
SVGA Monitor Models	CP7574 (19") CP7573-001 (15")
Touch Screen Monitor	CP7574T (19")
Serial Ports	COM1, COM2
Parallel Ports	LPT1, LPT2
(Monochrome) Printer	PAL-1

* The above is an IBM industrial computer (UL 864 and UL 1076 listed)

Note: To obtain 4 hours of standby power, the ICS Lifeline model 9300057 UPS is recommended

Ordering Information

Model	Description	Part Number
NCC-1G	FireFinder Network Command Center Graphics for 1-16 Networked MXL (Series) panels. [c/w Software disks, NCC-1F card, keyboard templates, software key, manual.]	500-693349
NCC-2G	Same as above for 1-32 Networked MXL (Series) panels.	500-693350
NCC-3G	Same as above for 1-48 Networked MXL (Series) panels.	500-693351
NCC-4G	Same as above for 1-63 Networked MXL (Series) panels.	500-693352
NCC-GL	FireFinder Command Center for a Single MXL panel. [c/w Software disks, NCC-1F card, keyboard templates, software key, manual.]	500-696099
NCC-1T	FireFinder Network Command Center – Text Only – for 1-16 Networked MXL (Series) panels. [c/w Software disks, NCC-1F card, keyboard templates, software key, manual.]	500-696089
NCC-2T	Same as above – Text Only – for 1-32 Networked MXL (Series) panels. [c/w Software disks, NCC-1F card, keyboard templates, software key, manual.]	500-696090
NCC-3T	Same as above – Text Only – for 1-48 Networked MXL (Series) panels. [c/w Software disks, NCC-1F card, keyboard templates, software key, manual.]	500-696091
NCC-4T	Same as above – Text Only – for 1-63 Networked MXL (Series) panels. [c/w Software disks, NCC-1F card, keyboard templates, software key, manual.]	500-696092
	FireFinder Network Command Center Graphics Manual (NCC-G, NCC-GL)	315-095014-2
	FireFinder Network Command Center Text Manual	315-096268
CP7585-P133	UL Listed IBM Industrial Computer Pentium 133Mhz	500-696012
CP7573-001	UL Listed 15" SVGA Monitor	500-694537
CP7574	UL Listed 19" SVGA Monitor	500-693931
CP7574T	UL Listed 19" SVGA Touch Monitor	500-696086
NCC-1F	UL Listed Internal Interface Card for Use with CP7585-P133	500-895966
PAL-1	UL Listed Parallel Printer (Monochrome Text Only)	500-692407
CP6258	19" Rack Mounting Kit for PC (Requires 1 CP6023)	500-694541
CP6023	19" Rack Mounting Slides	500-692874
CP6024	19" Rack Keyboard Mounting Kit comes with Lock (Requires 1 CP6023)	500-692875
CP6314	19" Rack Mounting Kit for 19" Monitor	500-694538
CP6493	19" Rack Mounting Kit for 15" Monitor	500-694540

FireFinder Upgrade Options

MODEL	DESCRIPTION	PART NUMBER
NCC-G16	Provides additional 16 node capacity for an existing NCC-G system	500-696098
NCC-16T	Provides additional 16 nodes capacity for an existing NCC-T system	500-696093
NCC-1T-UK	Upgrade an exisiting NCC-1T (text) to NCC-1G (graphics)	500-696094
NCC-2T-UK	Upgrade an exisitng NCC-2T (text) to NCC-2G (graphics)	500-696095
NCC-3T-UK	Upgrade an exisitng NCC-3T (text) to NCC-3G (graphics)	500-696096
NCC-4T-UK	Upgrade an exisitng NCC-4T (text) to NCC-4G (graphics)	500-696097
NCC-GL1	Upgrade an existing NCC-GL (non network) to NCC1G (network)	500-696098