

Firecomms+ NSM

Supplementary information
Emergency services



As one of the world's most experienced paging companies, Multitone is the first choice for Emergency Service solutions.

Now more than ever you need equipment you can totally depend on and a supplier you can trust. Our policy of continuous development has instigated the development of the ES-Firecoder station end and the Firecomms+ software suite that will serve the communication needs of Emergency Services for years to come.

Firecomms+ Network Status Manager (NSM)

Firecomms+ is a suite of software applications specifically designed for Emergency Service mobilisation. The Firecomms+ NSM plays an integral part in any GD92 communications system. It is an optional service application, monitoring and dynamically testing all GD92 nodes on any given network. The NSM interfaces into the GD92 network via any of the existing multiple bearers and connects to the network at any location, but typically this would be located centrally, usually alongside the Central Communication Processor (CCP) or within the Fire Service Engineering Department.

Alarm monitoring

Unsolicited alarm messages from the remote station ends and CCPs are routed through the GD92 network to the Firecomms+ NSM. Upon receipt, the alarm messages can be displayed locally on the NSM monitor, or delivered to any of the following media:

- email
- SMS text
- national or local paging
- LAN wide pop-up menus and/or .WAV files
- PA audio announcements
- message scrolling boards
- alarm sounder or light activation (closing contact)

Alarms not responded to can be escalated a number of times and re-routed to alternative destinations. Destinations, escalation timing and communications media are all completely flexible.

Key features

- Monitors and tests all GD92 nodes on any given network
- Interfaces into the GD92 network via any of the existing multiple bearers
- Connects to the network at any location
- Unsolicited alarm messages from the remote station ends and CCPs are routed through the GD92 network to the Firecomms+ NSM
- Alarms not responded to can be escalated a number of times and re-routed to alternative destinations
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Dynamic network testing

The Firecomms+ NSM software application can be configured to automatically and routinely test any or all of the GD92 nodes on the network. Test timings are programmable and flexible, allowing the testing to be carried out at convenient times, daily or every few hours. Individual bearer types can be selected and the tests can include physical actions at the remote ends such as contact closure or paging call transmission. A failed test would instigate an alarm event and be dealt with as described on the previous page.

Software

The Firecomms+ NSM software is derived from our MFWC application, which also runs on the CCP application and station end units. As such it is flexible, resilient and well proven. This software operates on a Windows platform and is normally run as a system service.

Hardware

Any Windows based PC or server would be suitable to run this application. For resilience we recommend and supply the Dell Power Edge 1950 with dual LAN interfaces and PSUs.



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