



Centralisation and Management of Alarms

Centinel
Centralised Alarms Management Solution



Communication Solutions for a Wireless World...



Reduce Costs, Improve Services and Deliver Alarms to a number of Communication Devices

In today's market, many companies are looking at ways to reduce costs, improve services and bring their alarm management to a central location.

With the influx of new systems, monitoring equipment and a variety of alarms, it is important that any alarm triggers the correct response to the right person or response team. This means ensuring an accurate message is delivered to a number of communication devices at any time of day and recording events as they happen...

CENTINEL - Centralised Alarms Management Solution from Multitone

The Centralised Alarms Management Solution (CENTINEL) brings new opportunities to reduce or eliminate multiple alarm management systems and monitoring points to one single alarm reception centre, ensuring fast, accurate responses to any emergency solution however complex. This can be achieved on small-scale sites to large multi-site companies or corporations depending on the business requirement.

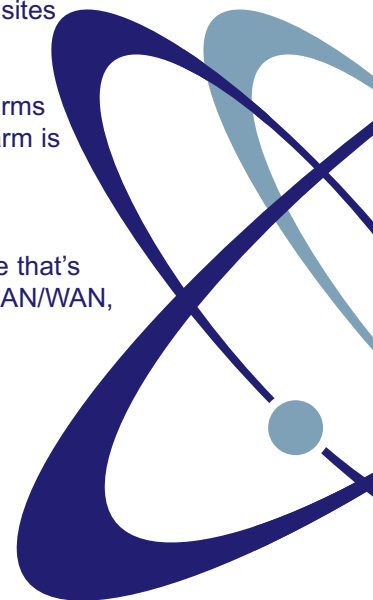
With inbuilt integral resilience that will re-direct alarm calls through the most suitable route, alarms of all types can be sent quickly and accurately to one or many recipients, ensuring that the alarm is managed promptly and efficiently.

CENTINEL alarm messages may be audio, visual or mixed, and can be sent to a range of communication devices simultaneously. The user and administrator has an interactive interface that's easy to use. The system works over existing communication links and infrastructure such as LAN/WAN, Radio or PSTN and all links are monitored for reliability.



Examples of alarms, which can be centralised:

- Fire alarms
- Freezers
- Air conditioning
- Manufacturing, oil or food processing
- Boiler Rooms
- Machinery
- Gas / vapour alarms
- Greenhouses
- Doors
- Temperature Monitoring
- Fridges
- Security
- Intruder

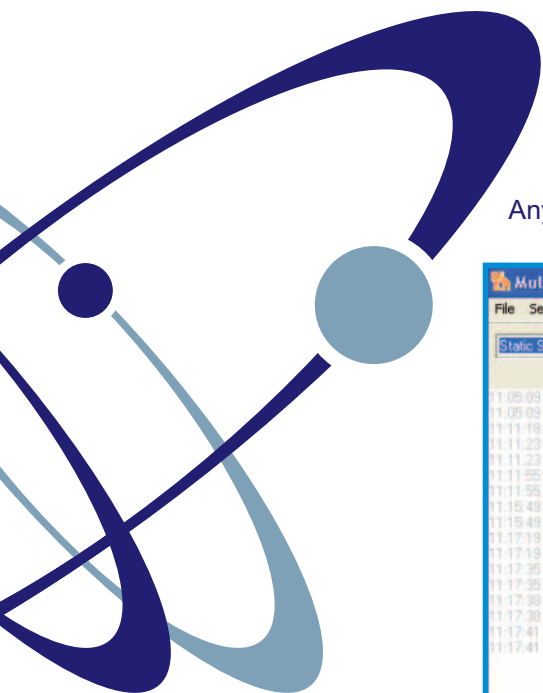




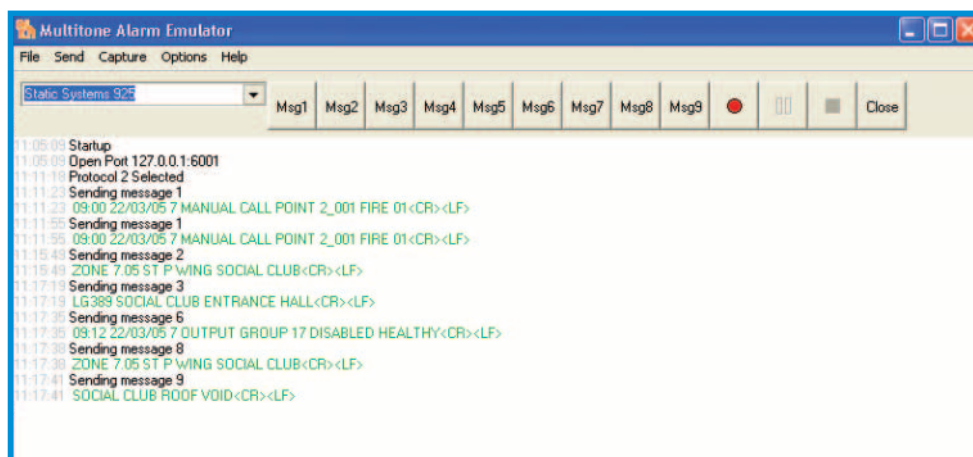
Messaging Types / Alarm Presentation

CENTINEL incorporates many additional benefits, including the ability to send unsolicited messages to single or multiple alarm points at any location, by a variety of medias:

- SMS – Text message to a cellular phone
- PMR Radios
- Scrollboards
- Printer output for performance evaluation
- Central Audio Terminal
- Email – Message to a single or multiple addresses
- PC reporting
- Paging message to a user or team of users
- Tetra Radios



Any acknowledgement, request or initiated action can be logged and recorded.



Business Benefits

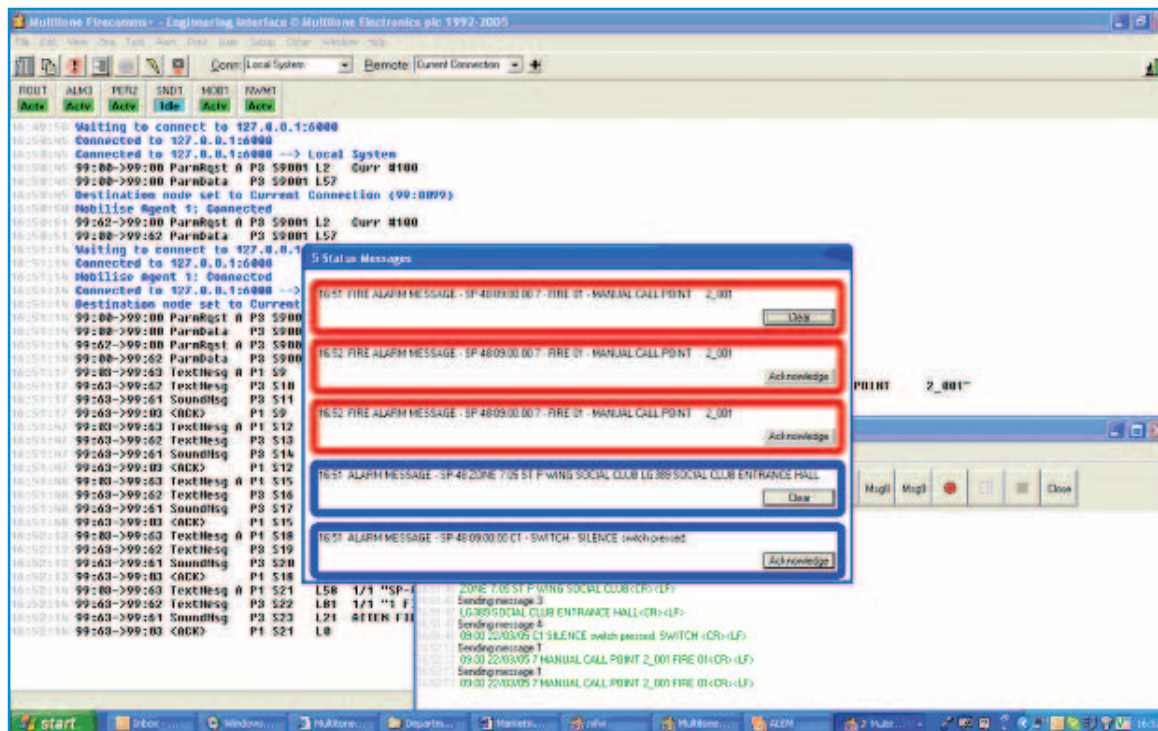
CENTINEL is easy to install and manage, delivering many business benefits:

- Messaging to multiple recipients
- Central display offers multi-functional messaging
- No private wires – resulting in major cost savings
- Configurable alarm text for user-friendly text messaging
- Automatic routing for maximum resilience – safety assurance
- Remote control of switches, valves or other control equipment
- One single management system - eliminates multiple system costs
- Can replicate existing fire panels, no timely & costly staff re-training
- Robust and resilient GD92 ensures maximum protection and security
- Reduce or eliminate multiple maintenance costs and machines downtime
- Central display offers choice of alarm notifications - flexibility for notifications
- Distributed logging/print out for SLA verification - essential service requirement
- Alarm escalation - No action results in escalated alarms - an alarm will not be missed



Alarm Monitoring and Reporting

The system is very easy for staff to operate and provides added resilience via optional back-up bearers should any link fail and automatically re-routes the alarm and provides logs and statistical data.



GD92 Protocol

For the Emergency Services, the Home Office introduced a specification for emergency communications called GD 92. This protocol is resilient and robust and provides dynamic routing of messages over a variety of bearers to station end and terminal equipment to both internal and external sites. These bearers include:

- LAN / WAN networks
- Radio networks
- ISDN and PSTN
- GSM and Mobile Technologies

The Centralised Alarm Management Solution assures delivery of automated and coordinated manual responses, operational safety and security right across the organisation.

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