



Motorola FSA4000 Fire Station Alerting

Turnkey emergency response solution maximizes reliability and ROI





When lives and property are threatened by fire, a swift response is critical

speed
efficiency
safety

Swift Response

Fire station alerting systems help first responders provide a swift response and satisfy homeland security and government accountability needs by notifying that an incident requires a fire or emergency medical services (EMS).

The Motorola FSA4000 Fire Station Alerting system helps ensure fire departments like yours improve the speed, efficiency, and safety of teams, equipment, and critical infrastructure to save lives and property threatened by fire. From first alert to final dispatch and acknowledgment, Motorola's FSA4000 system seamlessly manages the fire station alerting process.

The system integrates unique dual link redundancy for data messaging, and trunked radio for voice alerts—with intelligent automation and reliability that improves emergency response time overall.

The Motorola FSA4000 provides more than just dual link reliability, fire station monitoring, and control. The system is an integral factor in the successful

operation of your public safety dispatch process. The FSA4000 helps you manage resources with proven hardware and software that reduces emergency cycle time, streamlines the alerting process, and improves departmental efficiency.

Built From the Ground Up

The FSA4000 was built from the ground up with the needs of fire station and EMS dispatchers and first responders in mind. The solution features:

Accountability- automatically timestamps the alerting data message and the station acknowledgment, enabling future analysis and evidence.

Automates the fire station- controls equipment from the dispatch center to speed the turnout time of first responders.

Bunk room alerting- pre-set criteria ensure lights and tones activate in select areas to alert only those first responders required for a response.

FSA4000 system benefits:

- Optimizes reliability with state-of-the-art dual link technology
- Reduces operating and maintenance costs with an easy-to-use configuration GUI
- Maximizes use of first responders and apparatus
- Increases safety and environmental controls
- Monitors your critical infrastructure

FSA4000 Offers Numerous Features and Benefits Including:

Configuration GUI for ST's- field ST's can now perform configuration and support, resulting in cost savings.

Standardized features and screens- previously custom features are now standard, such as battalion chief alerting, local alerting, and day/night mode.

Support for ASTRO 7.x IV&D- ensures best-in-class operation on the ASTRO integrated voice and data system.

Enhanced system security- meets network security needs with box-level authentication, O/S hardening, and centralized logging.

The FSA4000 solution improves on the industry-leading FSA3000. It operates flawlessly with the new Motorola ACE3600 remote terminal unit (RTU) for up to 50 times the performance available previously, greater temperature range, more communication ports, an easier-to-use configuration tool, and much more.



The FSA4000 at Work

1. When a 911 call center receives a fire emergency call, the dispatcher determines the severity level and enters the data into a Computer Aided Dispatch (CAD) system.
2. The CAD communicates with the FSA4000 system, which manages remote data messaging over dual link communications.
3. The FSA4000 then sends out a command alert to the appropriate fire stations via the dual link interface.
4. The FSA4000 initiates a single data burst command, which is received at the selected fire station.
5. The system reports to the dispatcher if the alert did not go through.
6. At the receiving station, a heart saver pre-alert tone sounds in selected bunk rooms, informing first responders of the incoming voice message, and lights and exhaust fans turn on.
7. The dispatcher then starts speaking, and the voice message is heard in all alerted fire stations.
8. As the first responders leave the station, they activate the mushroom button to inform the dispatcher they received the alert and are en route. The first responder acknowledgement is received by the dispatcher and time-stamped by the FSA4000 system.
9. When the fire team leaves the station, the FSA4000 allows a dispatcher to close the bay doors, and secure the building, with continuous monitoring for intrusion, fire, smoke, power, and FSA equipment operation.



Why Motorola

Motorola is a leading vendor of communications technology for public safety which many first responders use Motorola two-way radios to get the job done. If your organization depends on Motorola radio frequency (RF) for the highest levels of communication reliability, then it makes sense to invest in Motorola Fire Station Alerting—and lock-in the same peace of mind.



MOTOROLA

Motorola, Inc.
1301 East Algonquin Road
Schaumburg, IL 60196 U.S.A.
800-367-2346
www.motorola.com/governmentandenterprise