

## Indoor Mass Warning and Notification

Public address loudspeakers, wall and ceiling mounted speaker and strobe light combinations, message centers – Federal Signal addresses the entire range of audible/visual indoor warning and mass notification and then ties it all together with UltraVoice for two-way control and status monitoring.

- Audible and visual warning and notification capabilities
- Local operating console option permits remote activation of tone alerts, pre-recorded digital voice messages and record/play live voice messages
- Scrolling message board option
- Up to 800-watts of speaker amplification power
- Interfaces readily with existing voice-capable systems

## Personal Alerting

When fully integrated with the Federal Commander Digital System, Federal Signal's Codespear software platform provides the required functionality for personnel notification, first responder alert notification/response, and full-scale interoperable communications. One click of a preconfigured "hotkey" on the Commander activation screen enables operators to notify personnel via outdoor sirens; the in-building notification appliance circuit; as well as virtually any personal communication devices including cell and IP phones, landlines, two-way mobile radios, text messaging, email and network pop-ups.

- Predefined scenario management capability
- Genuine interoperability among disparate communication devices
- Text-to-speech conversion
- Notification with integrated links and attachments



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Safety and Security Systems

*Advancing security and well-being.*

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**MILITARY**

Total solutions in  
Outdoor Warning, Indoor Notification  
and Personal Alerting

Alerting and Mass Notification Systems  
**total solutions.**

## Outdoor, Indoor and Personal Alerting Mass Notification—Federal Signal Delivers Total System Solutions

Federal Signal is a leader in design, engineering and manufacturing of emergency warning and personal alert systems for U.S. military installations. Our extensive product line covers the entire spectrum of warning and mass notification solutions. This includes wide area speaker arrays for emergency outdoor alerting...a full complement of audible and visual indoor warning systems... interoperable software necessary to support rapidly evolving developments in personal notification technology...and the software and controller modules that put fully integrated base-wide and multi-base command and control of alerting and notification right at your fingertips.

Backing up the Federal Signal product line is a full scope of technical and customer support services. From turnkey installation, project management and system integration services right through to on-site field maintenance and periodic system upgrades, Federal Signal offers the expertise and resources required to make your emergency warning and notification system an unparalleled success.



## Federal Commander Digital System™ Makes Command and Control a Matter of Point and Click

The Federal Commander Digital System software takes advantage of reliable digital modem technology to automate and monitor every aspect of outdoor and indoor warning and personal notification. Beyond the productive combination of scalability, security and ease of use, the Federal Commander offers a host innovative features, including:

- Point-and-click activation for synchronized outdoor, indoor and personal alerting
- XML API interface for simplified integration of existing notification systems promotes optimum scalability
- DIACAP accreditation
- Fully supervised two-way status monitoring via RF or ISDN
- RF, landline, IP, wireless broadband 128-bit encryption
- Multi-level password protection
- Over-the-air programming of remote terminal units
- Detailed status reporting generated by predefined sorting criteria



## Outdoor Warning and Notification

**UltraVoice™ Controller** combines micro-processor based system control with high-efficiency amplifiers to optimize the tone and voice capabilities of electronic sirens. Capable of generating and amplifying single- or dual-tones while providing seven pre-set tones, this state-of-the-art siren controller features efficient pulse-width modulated amplifiers to promote high-quality live or recorded voice reproduction and optimum operational flexibility.

- Records and stores live "on-the-fly" voice messages (up to eight minutes)
- Activates sirens independently, in groups or entire system
- Programmable for automated status reports
- Advanced control monitoring unit automatically limits maximum output power to extend driver life

**Modulator Series Electronic Sirens** produce high-intensity warning signals over a large area. High-efficiency design supports increased sound output while making moderate demands on battery power.

- True omni-directional sound dispersion
- Available in models rated from 106 to 125 db
- Four 100-watt drivers per module promote added redundancy

**Directional Speaker Array Electronic Sirens** are comprised of one, two, three or four vertical support structures with two to six re-entrant speaker array projectors mounted on each vertical stack.

- Exceptional dispersion of audio signal for greater efficiency
- Minimizes unwanted sound bleed-off to neighboring communities

