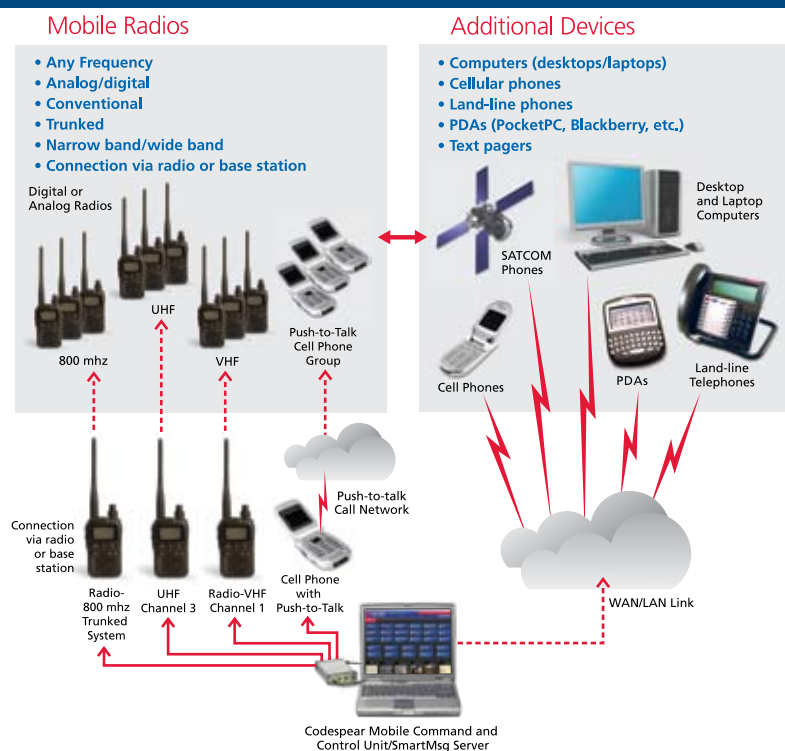




# SMARTMSG™ INTEROPERABLE COMMUNICATIONS SYSTEM



## > Features

- Easy interoperability of disparate radios
- IP-based communications
- Unified emergency messaging to all communication devices
- Complete scalability, redundancy, and automated failover configurations
- Enables migration from analog to digital and from wide to narrow band frequencies
- Authenticated security ensures messages are received by intended recipients
- Text-to-speech enables messages to be initiated from PCs and PDAs, and simultaneously sent to text and audio devices
- Stationary and mobile command and control units available

## > Applications

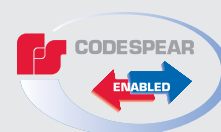
- First responders
- Multi-jurisdictional applications

The Federal Signal SmartMsg interoperability suite is a software-centric solution that provides comprehensive communications interoperability among multiple agencies and communication devices. Disparate, non-interoperable communication hardware has caused first responders and other public safety personnel significant difficulty in communicating with each other, and there is still no real solution in place. In addition to the need for interoperable, live communications, public safety institutions must have the ability to broadcast time-sensitive alerts to both target groups and mass citizenry. Interoperability and alerting concerns require a more immediate solution, in order for communities to have the best possible chance of minimizing catastrophe.

The SmartMsg suite blends communications interoperability, alert notification, secure urgent messaging and interactive data sharing into a single, stationary and/or highly portable, seamless software package. This approach to interoperable communications produces a complete system that provides critical communications support for emergency preparedness and response, command and control, incident response, and continuity of operations across jurisdictions, agencies and first responders. Each of these SmartMsg capabilities can be used independent of one another, or, they can be used together to deliver a comprehensive, highly flexible, cost effective and easily expandable interoperable communications system.

The Federal Signal SmartMsg system provides first responders with a comprehensive interoperability solution to enable emergency alert notification and live communication across virtually any device, including 2-way radios, phones, computers, pagers, public and industrial warning systems, sirens and more. Disparate radio systems can be bridged by docking radios into the mobile command and control or stationary unit. With the Federal Signal SmartMsg system, communications equipment is linked to enable various entities to work together seamlessly during emergency incidents and planned events.

The Codespear-enabled Federal Signal SmartMsg system is part of the Federal Signal Public Safety Systems platform.



## > Specifications

- Rugged, highly-mobile command and control unit (rackmount/stationary units are also available)
- Easy interconnection of disparate radios (VHF, UHF, SHF, 700 Mhz, 900 Mhz, SATCOM, LMR, and others)
- Unified emergency alert broadcasting to all communication devices, including: radios, cellular phones, text pagers, computer workstations (pop-ups), land-line phones, pocket PC, smart phones, e-mail addresses, hybrid cellular phone/radio devices (push-to-talk phones)
- Complete scalability, redundancy and automated failover provided by linking multiple units and servers in a system
- Enables migration from an analog system to digital system gradually and seamlessly as new equipment purchases are made, training is completed, etc.
- Authenticated secure system, proper credentials required to operate the system
- Text-to-speech enables alerts typed in from a computer workstation or wireless PDA to be simultaneously sent to text devices and spoken on audio devices



A Federal Signal Company

2645 Federal Signal Drive, University Park, IL 60466-3195  
800.548.7229 • codespear.com

For more public safety information, visit [federalsignal.com/publicsafety](http://federalsignal.com/publicsafety)