Federal Signal at a glance

For more than 100 years, we have listened to our customers and imagined new ways to help meet evolving demands for comprehensive safety and security.

You are never out of sight or sound of Federal Signal
We bring together the best products and technologies to support safety and security in more than 100 countries. Working alongside our customers, helps us to solve some of their toughest problems and provide a solution that meets their needs. Our goal is to offer a broad range of experience and solutions to help customers think through and implement intelligent systems in safety, security and communications.

Total solutions to serve and protect
Federal Signal offers community leaders a portfolio of network systems to protect people, property and the environment — every day. Our total solutions include:

- Campus Alerting
- Cloud-based Citizen Alerting and Notification
- Community and County-wide Outdoor Sirens
- Military Giant Voice Notification Systems
- Nuclear Power Plant Warning Systems
- Industrial Plant-wide Alerting, Notification and Evacuation Systems
Federal Signal Commander System

Federal Signal’s command and control software provides the ability to initiate an alert and notify personnel from a single point of activation. Through our comprehensive suite of integrated software applications, your agency can achieve complete communication interoperability.

Federal Signal’s CommanderAssist® is a simple step by step alert application. An unlimited number of configurations allow simple implementation of your planned alerts.

Delivering communication solutions to meet your every need is our goal. As communication experts, we can design, deploy and manage your wired or wireless communication system.

Intelligent Systems — IP Enabled Alerting Systems

Federal Signal has an unique 100 W IP enabled speaker for use in a variety of applications. The Speaker can be used in standalone or networked applications.

The IP15 is a flexible speaker for indoor factor voice announcements. The IP15 can be powered via POE and networked to a Commander Control Station or used in a standalone application.

The I-IPSIU is a device to allow multiple I/O for activations of alerts or to control external devices. The I-IPSIU can also be used to interface radio systems to allow voice alerts to be broadcast over your radio system.

The I-IP2 provides two Informer-PA models in a single rack enclosure for interfacing with public address systems. Informer-PA, when paired with the Commander control system, offers the same level of security available with all Federal Signal control sytems.
### Outdoor Warning Solutions — Mechanical Sirens

#### Electro-mechanical

Federal Signal's electro-mechanical sirens are the highest quality and most reliable outdoor warning sirens. The 2001-130 /Equinox, 508-128, Eclipse8 and Model 2 sirens are readily deployed in municipalities, county and industrial facilities to provide outdoor public warning in the event of tornadoes, flooding, dam breach, severe weather, hurricanes, fires and other emergency events. Federal Signal’s series of electro-mechanical sirens cover a wide range of sound output from 102dBc up to 130dBc with distinct steady, wail and fast wail tones.

The siren controllers are UL Listed, aluminum NEMA 4X cabinets offering one-way activation or two-way status monitoring. The controllers support a wide range of communication methods such as landline, conventional RF, trunked RF, P25 TETRA, IP (wireless broadband, Ethernet, fiber optic, cellular) and satellite.

#### Wide-Area Mechanical Sirens

- **Midrange frequency up to 130dBc**
- **Equinox model is a lower frequency siren**

- Directional, rotating siren for maximum coverage
- Three distinct warning signals
- AC operation, DC operation and AC operation with battery back-up
- Maintenance-free sealed bearing motors
- Weather-resistant coating

#### Controllers

- **Siren controller for 48VDC sirens**
- Two-way radio control and status monitoring
- Simultaneous single-tone, two-tone sequential, and DTMF, EAS, and POCSAG decoding
- Push buttons for local activation
- UL Listed for general signaling

- **Radio receiver/decoder/timer with relay outputs**
- Includes (4) individually programmable output relays
- Decoding capabilities: digital FSK, DTMF, 2-tone sequential, EAS, POCSAG
- Ideal for local and one-way control of 2001-130 Equinox, Eclipse 8, Model 2 sirens and firehouse alerting applications

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### Wide-Area Mechanical Sirens

#### Eclipse8

- 115dBc @ 100ft/30m sound output
- 360° omni-directional siren
- AC operation, DC operation and AC operation with battery back-up
- Three distinct warning signals
- 100% aluminum

#### Model 2

- Firehouse Siren
- 102dBc @ 100ft/30m sound output
- 360° omni-directional siren
- 120 or 240 VAC
- Three distinct warning signals
Outdoor Warning Solutions — Giant Voice

Electronic

Federal Signal’s electronic speaker arrays provide the highest level of clarity and voice intelligibility available in high-powered outdoor notification. The Modulator and Directional Speaker Array (DSA) help public safety officials address “all hazard” events that occur on a daily basis and provide them with the capability to initiate immediate instructions to the public.

The UltraVoice Controller is the most advanced remote terminal unit (RTU) available and is designed for reliability and redundancy. The UV400 amplifier offers increased levels of redundancy through its modular design. The efficient Class D amplifier offers increased power output and extended life.

The controllers support a wide range of communication methods such as landline, conventional RF, trunked RF, IP (wireless broadband, Ethernet, fiber optic, cellular) and satellite.

Tone and Voice Speaker Arrays

- 360˚ omni-directional speaker array
- Hyperbolic horn design provides superior voice clarity and intelligibility
- Sound output ranges from 106dBc - 124dBc @ 100ft/30m
- Driver access panels for easy maintenance

Controller

- UL and CE listed controller
- Standard aluminum NEMA 4X rated, optional stainless steel
- Modular component design for redundancy
- “Hot-swappable” control card and amplifiers
- Class D pulse width modulated amplifiers provide high clarity and intelligible voice reproduction

Indoor Warning Solutions

Federal Signal’s indoor notification solutions provide real-time information to building occupants and personnel during emergency situations. The UltraVoice Indoor Controller (UVIC) is a pre-integrated control unit that offers a local-user interface and the ability to be a part of a networked system that connects multiple indoor facilities back to a central control point. The UVIC drives indoor speakers and strobes to provide visual and audible alerts. With the integration of message boards, emergency instructions can be quickly communicated. With the use of our UltraVoice Audio Relay Module the UVIC controller can interface to existing public address systems and fire panels.

The UltraVoice Remote Interface (UVRI) controller is a remote terminal unit that provides remote and local control of an individual building’s fire alarm, mass notification panel, or public address system. The UVRI creates a communication link between isolated building systems and our Federal Commander Control System.

Controller & Speakers/Strobes

- UL Listed device
- Battery Back-up
- 800W amplification
- Remote activation
- Local Operating Console
- Interface to in-building MNS or PA Systems
- On-board digital voice
- Interface with scrolling message display

Indoor Alerting Device

- Programmable alarm sounds
- Clear voice messaging
- Output relays can control auxiliary equipment such as overhead doors, lighting systems and gas line shut offs
- Two-way alerting
- Two-way intercom
- POE or AC powered
- Wired Ethernet
Cloud Based Mass Notification

Federal Signal’s CommanderOne® Mass Notification System provides cloud based MNS alerts. CommanderOne is a simple and intuitive alerting system to inform citizens, employees, students and emergency management personnel.

- Cloud web-based solution that integrates with a full range of notification devices
- Weather/Polygon Auto-Activation of outdoor sirens
- Messaging for mobile text/phone notification

User Experience – The Intuitive Interface is simple to setup, always up-to-date, and connects to your on-premise Commander control system.

Map-based Activation – Location of sirens and their status is critical. Use the geo-intelligent interface to see an overview of your system.

Weather – CommanderOne systems feature the option to activate sirens based on NOAA issued alerts. Additionally, the system allows a user to predetermine actions for every Emergency Alert System (EAS) code.

Auto-Sync Hotkeys – No need to keep multiple locations synchronized, your hotkey activation settings are automatically created in CommanderOne.

CommanderOne® Cloud-Based Control for Your Warning Systems

Web Dashboard
The web dashboard is designed to give you the status of the system in seconds. It utilizes Bing Maps and its responsive design enables colored icons to reflect the status of each site and control point. Each status monitor is color coded to quickly gain insight about your system. All sites are Geo-Coded and Searchable.

Mobile App
Native iOS and Android apps let you control and monitor your system from virtually anywhere. It shows alarms with a signal click and refreshes status with a slide of a finder.

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Federal Signal Notification Solutions

**Industrial / Military and Campus Alerting**
- Temperature Trailers
- Indoor PA System
- Control
- Monitor
- I/O Monitor and Control
- Phone/Text/Email Notifications
- Command & Control
  - Base Station
- Mobile Communications
  - Remote Voice Alerts
- Remote Notification Device
- High-Powered Speakers
  - Giant Voice
- Assembly Area Evac Points

**Municipal / Community Alerting**
- Voice
- Text Message
- Mobile
- Email
- Command & Control
  - IP+Network
- Activation Point
- Mobile Communications
  - Remove Voice Alerts
- Community Alerting Sirens
- School Lockdown
  - Remote Notification
  - Loc A Alert
  - Loc B Notification
  - Loc C Alert

CommanderOne®
Professional Services

We offer a team of experts so you can focus on the mission. We focus on the technologies to make your mission a success.