



Campus Safety and Security

Alerting and Notification Systems

Federal Signal – Public Safety Systems
<http://www.federalsignal.com/publicsafety>



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School officials are concerned about much more than education. Student, faculty, and administrator safety and security is a top priority and choosing an effective and reliable campus mass notification and security solution has never been more important, or more vital.

Federal Signal provides comprehensive campus-wide coverage that notifies individuals outdoors, and also in key indoor locations such as dormitories, classrooms, and areas of potential crisis situations. Federal Signal's critical communications system delivers the instant, reliable and complete mass notification and individual notification solutions that educational campus leaders depend on when seconds count.

Our ability to combine indoor and outdoor all-hazard warning along with personal text, voice, e-mail and radio capabilities offers campus administrators a robust way to reach their diverse campus communities anytime, at any location, and on any device. Several leading universities share the following experiences and how they partnered with Federal Signal to help solve their campus safety and security challenges.



Federal Signal's SmartMSG solution provides secure, reliable, redundant, and scalable messaging

Webber International University serves as Federal Signal showcase campus

Webber International University based in Babson Park, Florida, highlight's Federal Signal's robust comprehensive campus safety and security system. Webber demonstrates the scalability of these robust public safety systems. Whether it's 600 students or 60,000, the need for rapid notification in the event of an emergency is the same. The Webber deployment also demonstrates that no matter how safe you are — and they're as safe as college campuses get — you still need to think about the unthinkable and have a plan to deal with it.

"You want to have as many layers of notification as possible," said Travis Bryant, public safety director for Fayetteville State University.

Webber International University President Rex R. Yentes said, "We're very grateful to Federal. They have installed a great system for us. It's one of those things you hope you never need, but you're glad you have just in case. Their timing just couldn't have been better. We just rolled out degrees in security management. Now we don't have to take the students on a field trip to show them a state of the art mass notification system."

Federal Signal system helps protect University of Texas at Austin

Federal Signal's campus safety and security system helps protect and warn more than 70,000 students, faculty and staff that are a part of the University of Texas at Austin campus community that spans over a 350 acre area.

This system is made up of four directional array speakers (DSA), which have the capability of producing tone-alerts and voice announcements that are strategically placed to help insure coverage of the whole campus. The DSA's are controlled by the Federal Signal UltraVoice electronic siren controllers that offer unparalleled voice reproduction of live or recorded voice messages. The campus police control the system via the Federal Commander digital software package that offers secure activation and status monitoring of the siren system from a central computer.

The University of Texas at Austin system notifies the campus community, neighboring residences and businesses in the event of unsafe conditions outside.



*Modulator
360° Omni-directional
Voice-Capable Siren.
106-125 dB output*

Duke University uses outdoor warning and notification systems

Combining outdoor notification systems with personal notification systems, Duke University successfully launched its new network of sirens with speakers on 40-foot-tall poles at seven locations across West, Central and East campuses, as well as near the Sarah P. Duke Gardens and the medical campus. The devices can blast warning tones and voice messages to alert people who are outdoors during life-threatening emergencies. The messages will tell listeners to find secure shelter or take other action. The warning sirens, provided by Federal Signal Corporation, are intended to broadcast notification in genuine emergencies.

Scott Gorlick, a sophomore at Duke, praised the outdoor siren system as a way to improve the overall safety of the community. "Students could know, OK, let's go back to our rooms or OK, let's go to a secure area so that we don't have to worry about the safety of us as students and faculty and staff," he said. "And I think this will improve Duke-Durham relations and make Durham a safer place overall."

Associate Vice Chancellor Aaron Graves said seven speakers are positioned around campus. They emit a variety of siren sounds that can be mixed so as not to be confused with the sound of a police or ambulance siren. Graves said the sound, which measures about 72 decibels, can travel half a mile.



*Directional Voice -
Capable Siren.
111-121 dB output*

Fayetteville State University deploys campus safety and security system

With more than 6,000 students, faculty and staff on campus, Fayetteville State University identified a mission-critical need for campus wide alerting to keep people safe and secure. The Federal Signal campus safety and security solution includes an electronic Federal Signal digital siren network that can produce tone-alerts and voice announcements heard throughout the campus. The siren network is controlled by an integrated Federal Signal siren encoder that enables secure and reliable siren activation by campus safety officials. The siren can plug into Federal Signal's Codespear-enabled industry platform to enable simultaneous activation of sirens and alerting to cell phones, land-line phones,



*Leading campus communities
turn to Federal Signal to help
protect people, property and
the environment.*

radios, PDA's, pagers, e-mail addresses and other indoor warning devices. This unique safety and security platform provides distributed instant messaging and scenario management architecture that features instant scalability, redundancy and automated fail-over features to support thousands of users across hundreds of servers.

"You want to have as many layers of notification as possible," said Travis Bryant, public safety director for Fayetteville State University. "The Federal Signal solution we have deployed gives us a comprehensive solution that ensures us that our people will receive notification regardless of where they are on campus. The solution provides peace of mind for everyone."

North American colleges and universities select Federal Signal's critical communications system

Instant, reliable and complete communication to enhance campus safety and security is not an option. Colleges, universities and K-12 schools continue to select Federal Signal systems to help protect their campuses.

The systems provide comprehensive campus-wide coverage that notifies individuals in key locations such as dormitories, administration and classroom areas and office complexes of crisis situations.

Federal Signal's comprehensive suite of critical communications systems includes all-hazard warning sirens, indoor public address systems, strobe lights, automated license plate recognition systems, campus alerting solutions, and text, voice, and video messaging systems. With the Federal Signal SmartMSG fail-safe communications system, messages can be sent to thousands of students, faculty and parents in seconds. Alerts can also be distributed across cell phones, mobile devices and radio networks. Campus police and public safety officials control the system through the Codespear-enabled Federal Commander digital software package, which offers secure activation and status monitoring of the system from one central location or from various locations if necessary.

Colleges and universities that have deployed Federal Signal's critical communications solutions include over 100 institutions throughout North America and the number is increasing each day. Leading public safety and campus officials select Federal Signal solutions because they are easy to implement, secure, scalable, and robust and have proven time and time again to be the most reliable solutions in the safety and security environment.

Federal Signal's Campus Safety Systems are designed for daily use, not just for emergencies.

The systems include the ability to send text messages to thousands of students, faculty and parents in seconds, to send Alert Notifications across multiple devices, including: landline and cellular telephones, SMS devices, email, computers, pagers and 2-way radios, and the ability to receive a confirmation of message receipt. Importantly the alert notifications and voice communications can be transmitted in multiple languages.

Federal Signal Public Safety Systems Division is a recognized leader and innovator in the industry, we have developed our expansive product line through working closely with our customers and partners using a collaborative product development approach. Designed for interoperability of devices, high-performance and prolonged use, our products offer state-of-the-art features with quality you can rely on today and tomorrow.

From public warning solutions, to interoperable communications, to wireless broadband public safety networks, to in-vehicle emergency responder solutions, to emergency operations center solutions, to integrated high-speed digital video and analytics solutions, to automated number/license plate recognition solutions, to intelligent transportation systems, to campus notification and alerting solutions, to weather station alerting, to tactical communications vehicles, and much more, Public Safety Systems from Federal Signal is helping make the world safer, commerce move quicker, and your community a more secure place every day. For more information please visit <http://www.federsignal.com/publicsafety>