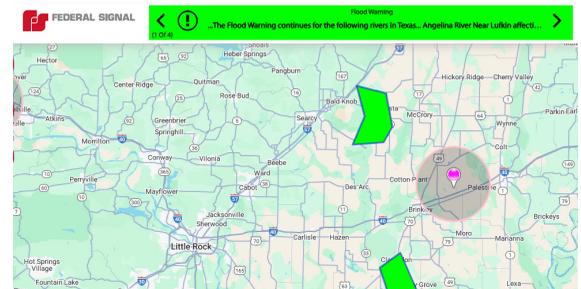
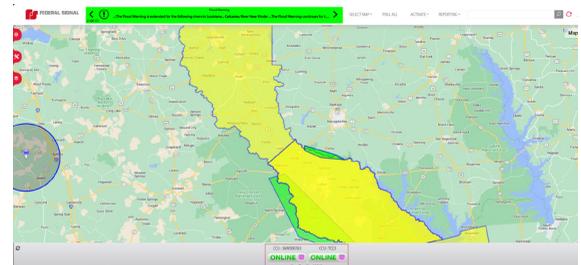


FLOOD WARNING AND SAFETY

STAYING SAFE AND INFORMED WITH FEDERAL SIGNAL SYSTEMS

In the event of a flood, everything you know can be washed away in an instant. Homes, schools, communities, all lost. The best way to remain safe in the event of these disasters is to stay informed and aware of any impending danger. Federal Signal is committed to this safety in every walk of life. Keeping millions of people safe every second of every day is not easy, but we make it easy for you. Federal Signal provides comprehensive signaling systems of interconnected sirens, speakers, controllers, and software that work together to alert people and communities of dangerous conditions and keep them highly aware of any possible flooding.

Federal Signal is a name you can trust. As a leader in siren technology since 1915, we understand reliability and safety. We provide the highest quality warning and notification systems for all our customers. With a fully integrated Federal Signal system, lives will be protected at the first sound of a flooding alert. Software like Commander can easily deploy Federal Signal sirens to play warning alerts instantaneously to alert a wide area. It is also easily integrated with flood sensors to provide real time activation of the sirens if or when water reaches dangerous levels requiring evacuation. With peak clarity and reliability, alerts can be dispersed across miles within seconds. Our controllers also allow for any changes that need to be made quickly, like in an instance of power outages. All these products work in tandem to send alerts for National Weather Service issued flood warnings. Federal Signal understands proactive warning, protecting residents, and providing safety your community deserves. We make it easy for you.



What It Is

An interconnected alerting and communication system from Federal Signal ties together flood sensors, weather stations, outdoor warning sirens - including giant voice sirens, controllers, and software like CommanderOne® to warn people quickly and clearly of rising water and severe weather.

What It Does

Detects Danger

- Flood sensors and river/stream gauges trigger alerts the moment water crosses your set thresholds, like roadway overtopping or minor/major flood stages.
- Uses on-the-ground data—torrential rainfall rates, high winds, barometric pressure drops— from weather stations to trigger local hazard alerts before conditions worsen.

Warns people clearly

- Sirens for wide area reach and instant alerting get attention across miles.
- Voice-capable sirens for specific broadcasts communicate exactly what the danger is and what to do.

Relays official alerts

- National Weather Service (NWS) integration allows NWS warnings to activate the right alerts for your area automatically.
- Severity-aware logic distinguishes the type and magnitude of alerts, so the right message goes to the right people at the right time.

Remains Reliable

- Rugged controllers, battery backup options, and remote software control help you adapt during power or communications interruptions.

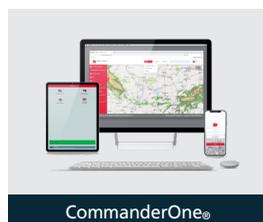
How to Use It

1. Set thresholds for local sensors (water depth, rise rate, rainfall intensity, wind speed).
2. Choose actions for each trigger (tone only, tone + voice, targeted zones).
3. Auto-activate on NWS bulletins with rules for severity, certainty, and immediate cause.
4. Monitor & confirm in CommanderOne® and see which units went off, review logs, and update messages in real time.

Why It Matters

- **Faster decisions:** Automatic triggers remove guesswork when seconds matter.
- **Clearer public guidance:** Voice messages tell people what's happening and what to do.
- **Fewer false alarms:** Local sensors plus NWS intelligence let you tailor alerts to actual impact.
- **Customized for your community:** From a single low-water crossing to a county-wide river system.

CONFIGURABLE TRIGGERS	COMMANDERONE HAZARD MESSAGE
Roadway water depth is equal to or above 6 inches	Water over roadway at Oak Bridge. Turn around—don't drown.
Rainfall is estimated to be 2 inches an hour for 15 minutes and a creek's water level is rising	Flash flooding possible near South Fork. Avoid underpasses and low crossings.
NWS Flash Flood Warning and local gauge shows major stage	Major flooding projected—up to 20 feet near Riverfront. Evacuate to designated shelters immediately.



How We Can Help

1. **Designing a custom siren system to fit customer needs using sound mapping technology**
2. **Assisting with grant writing**
3. **Training users on how to operate and maintain the system**

Learn More

Federal Signal works with your team to map sensors, set thresholds, and design clear voice scripts for your hazards and neighborhoods. Visit fedsig.com for more information regarding our mass notification systems or contact your representative to plan a pilot or full deployment.

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