



► SS2000+ Series C

Local Hardware Activation Point

The SS2000+ Series C web enabled controller is Federal Signal's most advanced stand-alone control unit. The SS2000+ typically interfaces to an analog or digital radio system to provide radio activation of sirens across a county, municipal, campus or industrial facility. The SS2000+ has 24 programmable activation button "hotkeys" secured with a keylock switch and 20 contact closure inputs for interfacing with remote control systems. The hotkeys can provide specific types of warnings or test activations to notify residents, employees or students. The 24 Hotkeys are now accessible from a variety of interfaces using a new web interface. The new web interface can provide improved redundancy allowing multiple SS2000+ units to be used as on-line back-ups. Advanced networking features enable the SS2000+ to be connected to Federal Signal's Commander® control and status monitoring software. In addition, the SS2000+ can now connect directly to Federal Signal's CommanderOne® cloud service for secure web access to hotkeys, messaging and automated activation from NOAA EAS events.

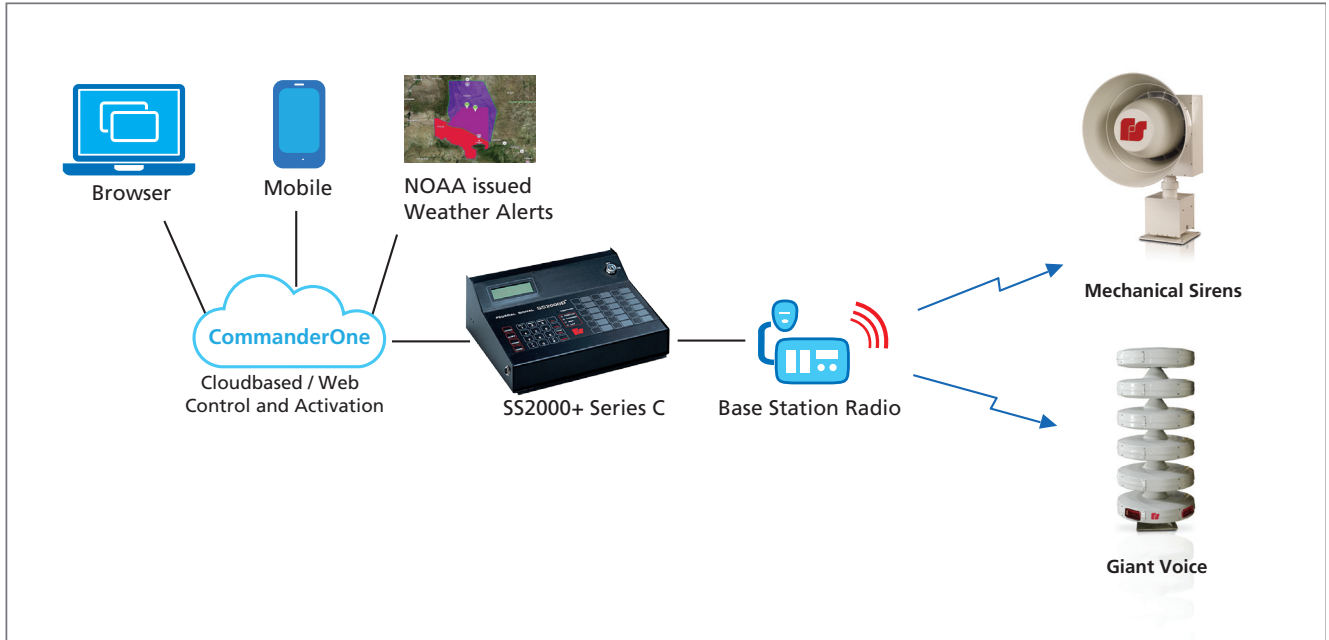
The SS2000+ can be used to as an encoder for one-way siren control. Previously using a SS2000+ allowed activation only from the front panel hotkeys, the physical interfaces or from a connected PC. The SS2000+ now provides siren activation from CommanderOne NOAA® EAS events/polygons, from a mobile app or from a web browser over the Internet.

FEATURES

- 24 command function hot keys with key-lock protection
- 20 remote activation inputs
- Dispatch console interface via URL
- Ethernet port for control over inter-company or intra-company LAN
- Interface to CommanderOne® web service for polygon and mobile activations
- MODBUS TCP Industrial Control Interface
- Microphone interface for Live PA
- Redundant source of command and control
- User Access Security with Digest Authentication
- Remote firmware update capability over LAN
- Computer Access Whitelist Feature
- SSL and AES data Encryption
- Compatible with radio two-tone EAS and DTMF, AFSK encoding
- Three Configurable Relay Outputs
- Streams WAV files from Commander® PC
- Built-in communication monitor speaker
- Radio level indicators simplify field adjustments
- Battery backed real time clock
- Back-lit LCD Display
- Desk and 19" rack mount versions available
- Offered in 120 and 240VAC, with EU or UK versions available

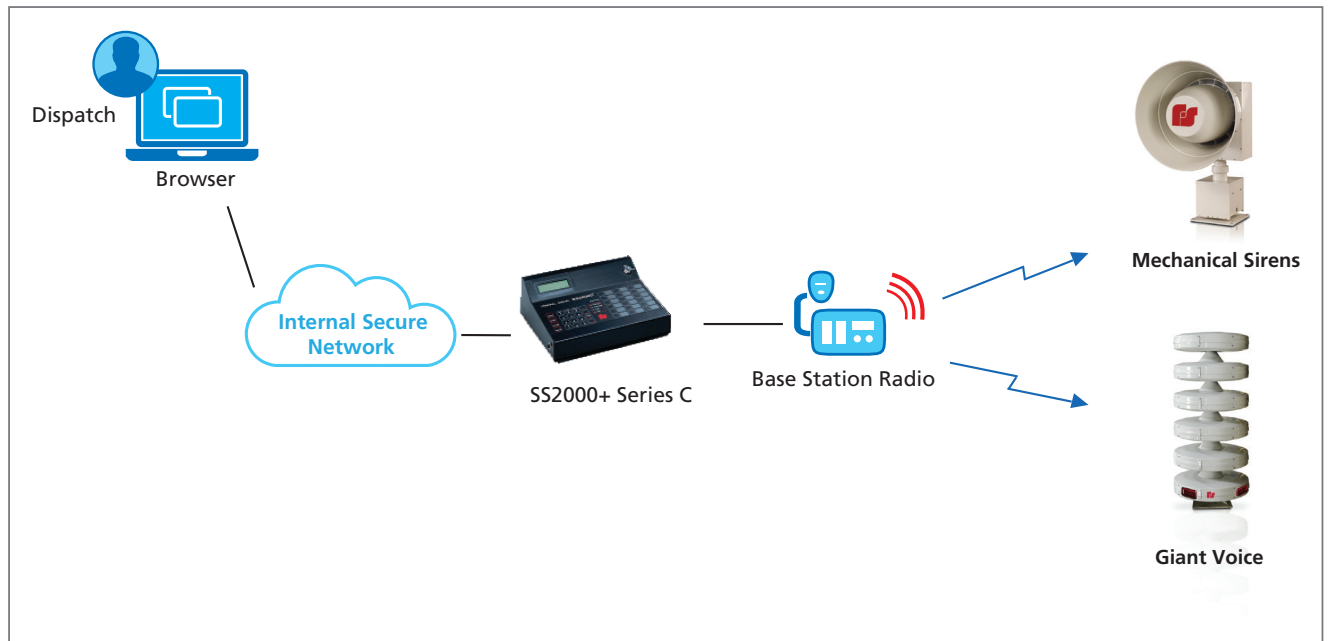
PC Freedom

Typical siren control systems rely on dedicated PC's or servers for activation. PC's can be difficult to maintain with updates and security concerns. Now you can have many of the features provided from a PC without the need to have a PC dedicated to activating your siren system. In addition, PC's can be a single point of failure within your siren control system. The SS2000+ can now interface to our CommanderOne control system and eliminate the need for a dedicated PC for siren control.



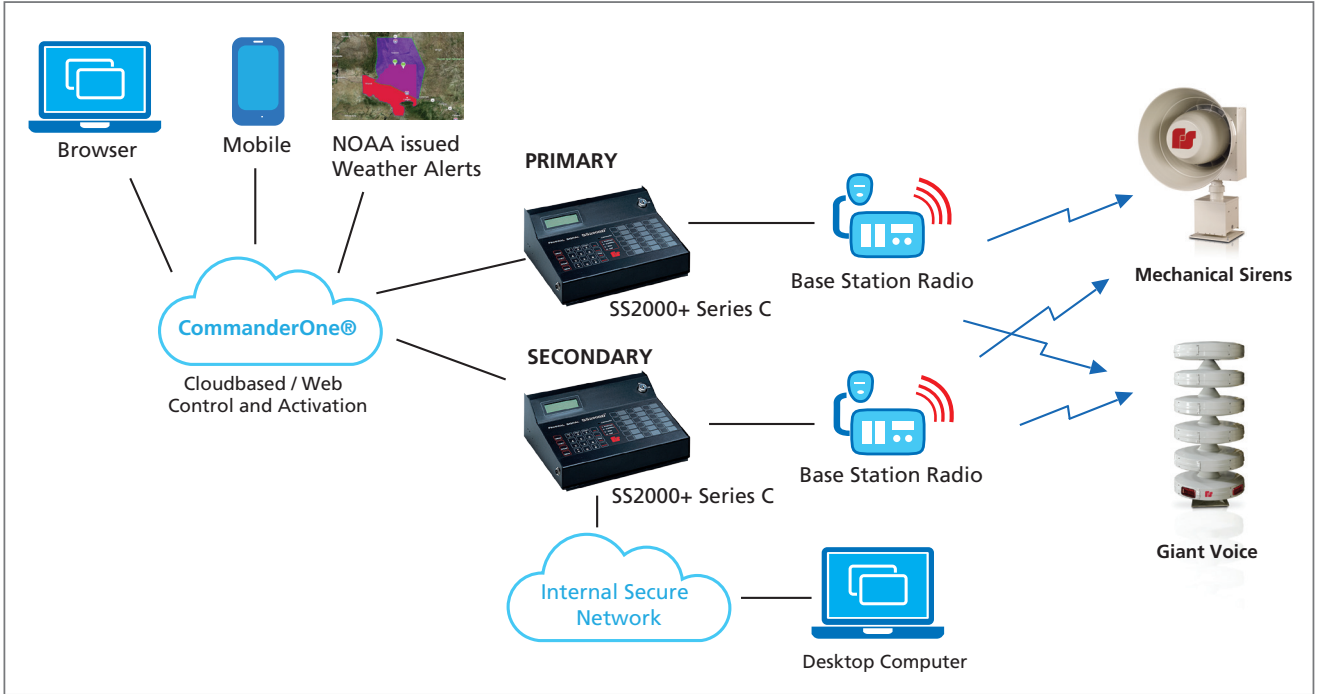
ACCESS VIA URL

Dispatch consoles can now access the SS2000+ from a new built-in web server that allows the SS2000+ to be controlled and configured over a LAN using standard web browsers. This interface can provide users within a secure company network to access the SS2000+ Hotkeys from standard web browsers (Chrome, Edge or Firefox) on the company local area network.



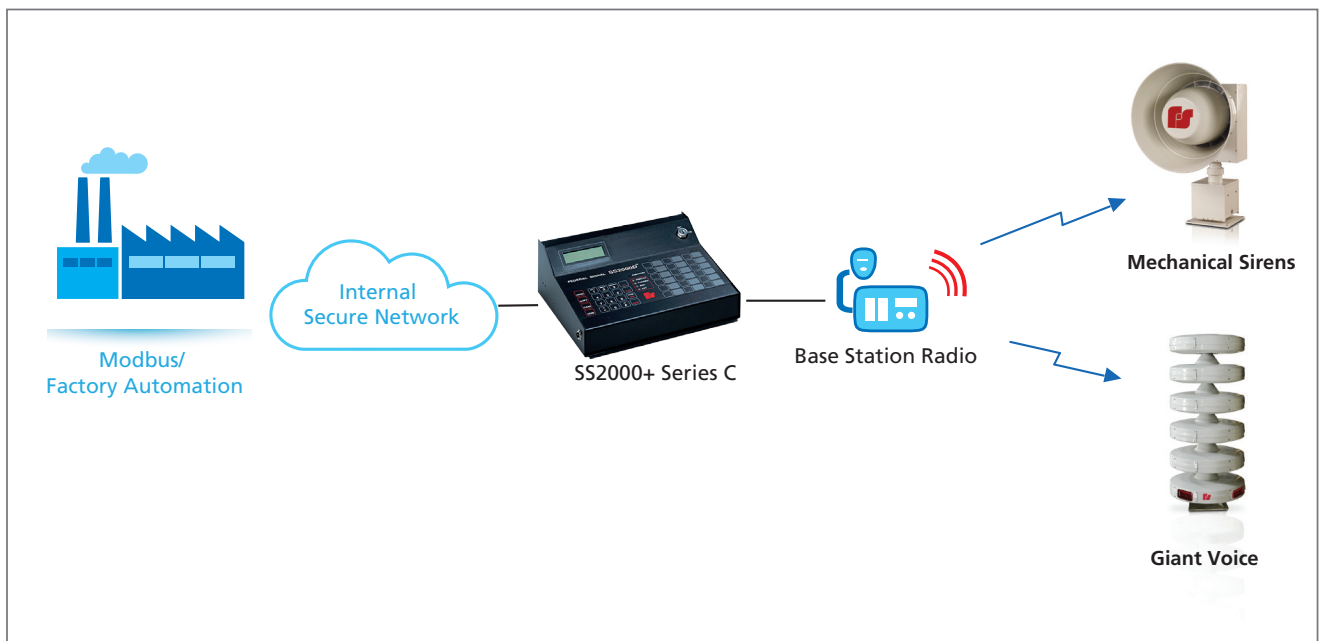
Web Enable Radio Controlled Sirens

The SS2000+ can be used to as an encoder for one-way siren control. Previously using a SS2000+ allowed activation only from the front panel hotkeys, the physical interfaces or from a connected PC. The SS2000+ now provides siren activation from CommanderOne NOAA EAS events / polygons, from a mobile app or from a web browser over the Internet.



MODBUS Control

The SS2000+ has a MODBUS interface to easily interface with Industrial Control Systems. MODBUS TCP is used to provide activations into an SS2000+ for specific warning announcements across an industrial plant. Users can activate the system using the SS2000+ or industrial control systems can activate the hotkeys.



SPECIFICATIONS

Operating Temperature:	32° F to 140°F	0° to 60°C
Line Input	120/240VAC* wall transformer power supply	
Power Supply Input Voltage:	12-30 VDC	(12 VDC minimum)
Input Current	300 mA (Standby 700 mA max.)	
Distortion	< 3.0%	
Ethernet	RJ-45 port, TCP/IP	
Microphone:		
Input Level	10mV - 150mV p-p	
Input Impedance	10k Ohms	
Input Jack	XLR Male	
Type	Dynamic	
Speaker:		
Power	1 watt	
Impedance	8 Ohms	
Audio Interface:		
Audio Output	Balanced 600 Ohms	
Audio Input	Balanced 600 Ohms	
Decode Sensitivity	< 8-10 dBc S/N or 12 dBc SINAD	
Relay Outputs	2A at 30VDC / 0.5 at 120VAC	
Dimensions H x W x D:		
Desk Mount	3.59" x 11.59" x 9.53"	
	91.8 mm x 294.4 mm x 242.1 mm	
3U Rack Mount	5.19" x 19" x 10.10"	
	131.8 mm x 482.6 mm x 256.5 mm	
Shipping Weight: Desk Mount	6 lbs	3 kg
Shipping Weight: Rack Mount	8 lbs	4 kg

* The SS2000+ Power Supply can be ordered with a US 120VAC or UK/EU 240VAC Power Cables, see description models.

HOW TO ORDER

Contact our Federal Signal Sales Engineers to design a system that meets your specific requirements.

Considerations for system configuration:

Description	Part Number
Desk mount Local Activation Point, US	SS2000+
Rack Mount Local Activation Point, US	SS2000+R
Desk Mount Local hardware activation point, EU	SS2000+EU
Desk Mount Local hardware activation point, UK	SS2000+UK
Noise Canceling Microphone	MNC-MNS ¹
CommanderOne Cloud Service	COMMANDER1LE

REPLACEMENT PARTS

Description	Part Number
SS2000+ Power Supply with US Cable	Q-SSPWR
UK 240VAC Power Cable ²	Q17501252A
EU 240VAC Power Cable ²	Q17501253A
SS2000+ Kenwood Radio Cable	Q17500863-01

¹ Noise canceling microphone model MNC-MNS replaces the microphone on early revision models of SS2000+. Model MNC-MNS is supervised for compatibility with UL2572.

² While there are no EU/UK rack mount models, the rack mount SS2000+R can be ordered with the appropriate replacement power cable, if needed.