

Features

- **Ability to add external I/O interfaces to a SmartMsg communications network**
- **16 closure points sense status changes in panic buttons, PLCs, equipment, remote sensors and local alarm systems to initiate predefined SmartMsg™ alerts.**
- **Four output relays control doors, locks, lights, flashers, speakers, sirens, evacuation systems, etc.**
- **Compact size supports easy deployment.**
- **Choice of desk, rack or wall mounting options.**



Federal Signal's Sensor Interface Unit (SIU) enhances SmartMsg notification capabilities by connecting to and controlling external devices and third-party equipment. An SIU automatically initiates predefined SmartMsg alerts by sensing changes in dry contact closure status resulting from a panic button or alarm system activation, PLC equipment failure, motion-sensor detection, pre-designated temperature-sensor settings, etc. Opto-isolated inputs enable each SIU to sense and monitor 16 different external devices simultaneously. Upon activation, predefined SmartMsg alerts assigned to each relay input can be sent to notify individual users or groups.

SIUs provide the ability to simultaneously control and activate up to four devices or equipment through receipt of a SmartMsg alert or activation of the relay through SmartMsg CenterPoint software. The four output relays, which provide normally open or closed contacts, support tasks ranging from turning lights on/off to activating alarm systems, strobe lights, sirens, door locks and a host of other devices and equipment.

An SIU also enables SmartMsg users to be instantly notified of changes in the status of equipment and devices at local and remote locations. A single SmartMsg alert can activate multiple SIUs in support of multi-site notifications, thereby making it the ideal solution for large industrial complexes, healthcare facilities, schools and university campuses and office buildings.

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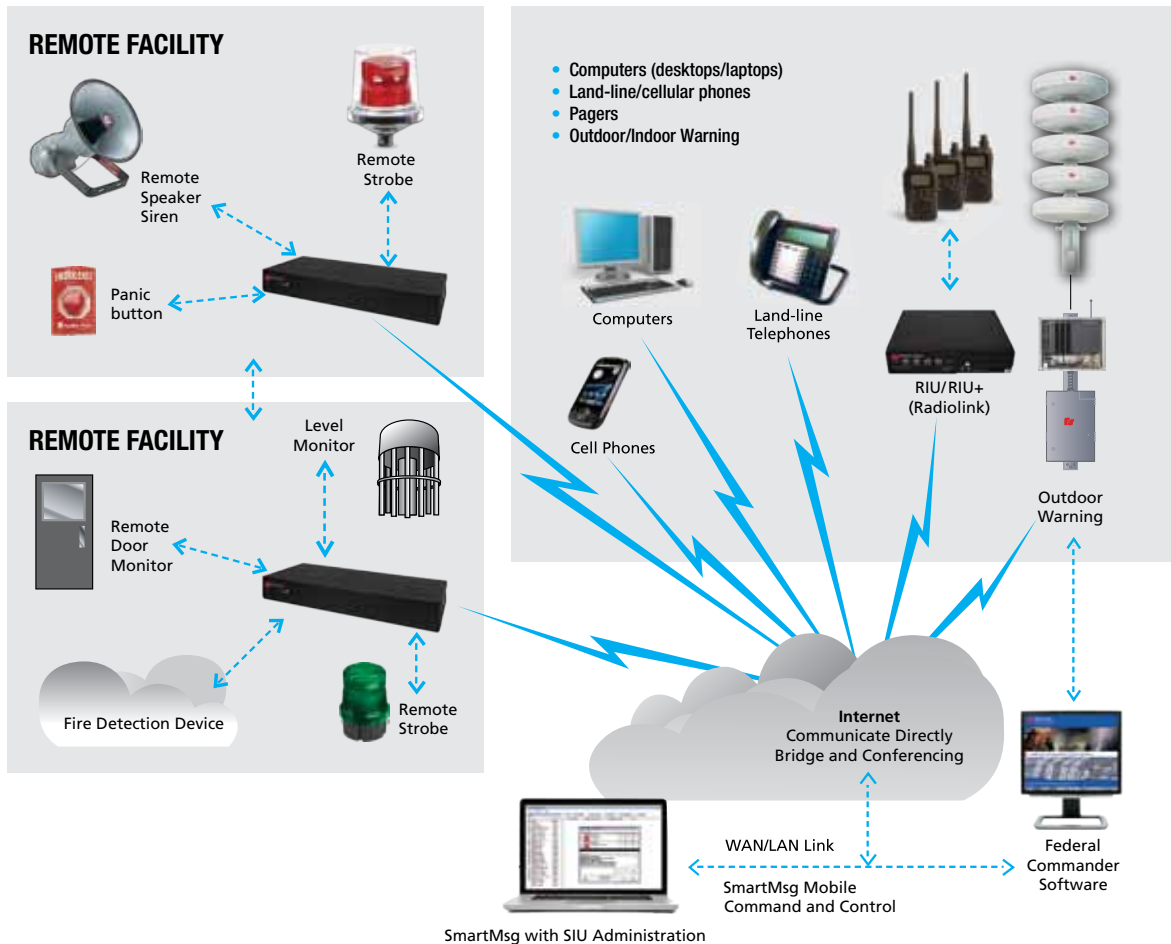
SUI Specifications

Power Requirements:	8 – 30VDC, supplied with a 9VDC 108-128VAC, 60Hz wall transformer
Operating Current:	<360mA @ 12VDC
SIU Output	4 N.O/N.C relays with Maximum Voltage 250VAC/30VDC maximum current 10A Wire size 16-26 AWG
SIU Input	16 – surge protected, optically-isolated inputs Wire size 16-24 AWG
Physical Dimensions:	1.7" (H) x 14.0" (W) x 6.4" (D) 43.5mm x 355.6mm x 163.6mm

Weight (shipping):	2.5 (4)lbs / 1.1 (1.8)kg
Operating Temperature:	-22°F to +140°F / -30°C to +60°C
Humidity:	0 – 95%, non-condensing

Ordering Information

Part Number	CS-SIU (Includes 19" rack mount and wall mounting)
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