

## Solution Requirements

A modern Active Shooter Solution needs to:

- Constantly monitor its environment and instantly detect gunshots in real time
- Support automated notification to alert the appropriate authorities
- Connect people and information during incidents to respond with speed, precision and efficacy
- Save as many lives as possible



## Product Overview

SitchAware is an IoT and AI enabled security platform that aids in the detection of gunshots and expedites response to Active Shooter situations. This is achieved by a network of distributed sensors that are constantly surveilling for gunshots and can estimate the location of the source. SitchAware sensors are also capable of real-time locating and tracking by scanning and localizing radio frequency (RF) signals to identify unique individuals and their locations. Layering these capabilities allows the system to autonomously identify and track potential active shooters, and bystanders, during a crisis.

Utilizing proprietary cloud software, SitchAware can automate alerts and communicate with law enforcement during an active shooter situation. The IoT sensors and cloud software work together to feed real-time location information and critical analytics to aid in emergency response.

## Benefits

- SitchAware is a plug and play solution that does not require managing or configuring
- Sensors may utilize existing network infrastructure and switching for power and connectivity
- Additional sensors may be added to a network to increase scalability and area coverage
- E911 broadcasts are autonomous and sent from the Sitch Cloud during an incident
- Small form factor and light weight to blend in and leave a small visual footprint
- 24/7 real-time monitoring and analytics

# RESPONSE TO AN ACTIVE SHOOTER MUST BE **PRECISE & IMMEDIATE**



## IoT and AI Enabled Platform

A state-of-the-art approach to Active Shooter detection and response:

- Rapid and precise alerts: real-time acoustic and pressure sensors immediately identify gunshots and their location indoors
- Real-time locating and tracking: real-time locating and tracking of potential threats using proprietary RF trilateration, allowing for faster apprehension and greater protection for all
- Easy integration and access: simple API integrates with existing systems for notifications and response, and the solution can be accessible from mobile devices

## Key Features

- Acoustic Localization – embedded acoustic sensors to identify and locate gunshots
- RF Localization – embedded RF sensors to identify and locate mobile devices
- Redundant Connectivity – redundant LTE failover in case of a network or ISP outage
- Cloud Based Platform – administration, device management, alerts and visual dashboards

## Hardware

Interface	10/100 Mbps RJ45 Port
Power	PoE 802.3af
Dimensions ( W x D x H )	2" x 2.5" x 0.75"
Fan	Fanless
Mounting	Fixed Screw Mounts (Wall/Ceiling/Railing)

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