

# Gunshot Detection for Indoor and Outdoor Applications



## Get Accurate Gunshot Alerts Fast for Emergency Response

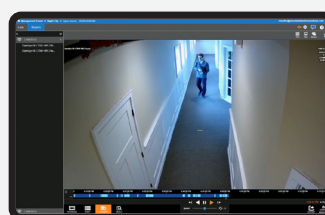
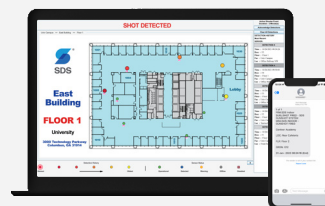
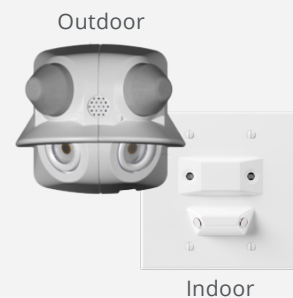
Developed by the same team responsible for the U.S. military's Boomerang sniper detection system, the technology behind the SDS Indoor and SDS Perimeter Outdoor Gunshot Detection Systems is trusted by federal agencies, businesses and schools across the country to provide accurate gunshot location and tracking information to 911 and first responders. Unlike city-wide acoustic-only solutions, SDS sensors use acoustic plus infrared detection and verification technologies to reduce the possibility of false alerts. SDS provides building occupants and first responders with accurate, real-time data for faster and better gun violence response.

## ONE SOLUTION FOR PROTECTION INSIDE AND OUT

### Two-Factor Gunshot Authentication with Location Mapping and Alerting Software

To reduce the possibility of false alerts to near zero, SDS' sensors combine acoustic and infrared muzzle flash signal detection to verify and validate that a firearm has been discharged. SDS detects shots with 99.9% accuracy and less than 1 false alert per 5 million hours of sensor use.

## FEATURES AND BENEFITS



- Purpose-built acoustic and infrared sensors for maximum accuracy and minimal false alerts.
- No audio recording capabilities means no privacy concerns.
- Location mapping and alerting software is installed at the customer site and can also be installed in police dispatch if desired.
- Desktop software includes sensor locations, SMS and email alert capabilities.
- SDS easily integrates with third-party video, access control and mass notification systems.
- Situational awareness automatically improves an organization's ability to communicate and react fast.

ONE SOLUTION WITH MULTIPLE LIFESAVING CAPABILITIES (continued)

Coordination of Incident Response for 911 & First Responders with ResponderLink

ResponderLink is a 911 dispatch solution embedded in every SDS Gunshot Detection System. Without any additional hardware or third-party services, ResponderLink triggers the following actions:

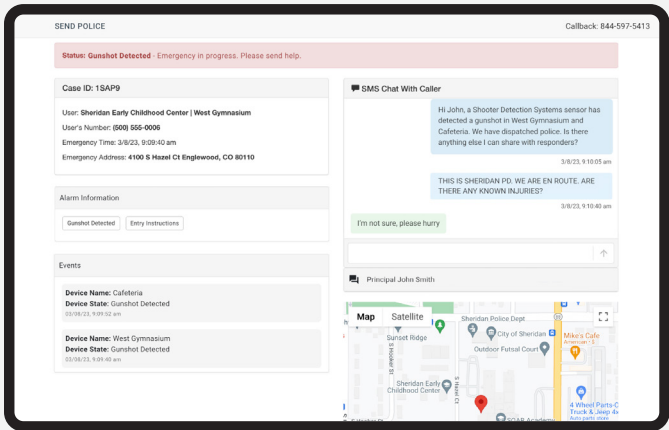
SDS alerts are received by trained safety agents who have push-button calling to the correct PSAP/911 call center servicing the incident area

The 911 operator is provided with the incident address and shot detection location within the building, down to the floor, area, or room

An online dashboard with real-time incident data is also made available to the 911 dispatcher and first responders, including an SMS text display for real time communication with onsite personnel

RESPONDERLINK DASHBOARD VIEW

Trained Safety Agents share critical incident information with 911 operators via a secure web page by entering a unique Case ID into the ResponderLink dashboard. This secure URL can also be shared with building administrators and law enforcement to better coordinate resources and allows all parties to communicate in real time.



SPOTLIGHT ON OUTDOOR GUNSHOT DETECTION

Many manufacturers use a series of acoustic-only sensors to detect outdoor gunshot signatures. Many of these systems also require human intervention to analyze and verify gunfire vs. other loud noises. SDS Perimeter is the industry's first outdoor sensor that uses high gain infrared sensors developed specifically for longer-range, outdoor IR detections with no line of sight to the weapon required. SDS Perimeter does not require human analysis to verify the gunshot, reducing both reporting times and the possibility for human error. SDS Perimeter is specifically designed to monitor a defined area around a building's exterior and is not intended for wide area outdoor coverage. SDS has had a long history of working with the US Department of Homeland Security and earlier versions of the SDS Perimeter technology were rigorously tested in the field by DHS with excellent results.



TESTED AND CERTIFIED TO PROVIDE THE MOST RELIABLE PERFORMANCE POSSIBLE

We were the first to commercially market gunshot detection and we continue to lead the market today. SDS sensors have more hours in use, testing, certifications, awards, and customers, than any other gunshot detection product on the market. We are 100% focused on gunshot detection and as an Alarm.com company, we never stop innovating to save lives. Contact us today to learn why SDS is the best investment you can make to protect people from gun violence events.



\*SDS Indoor Gunshot Detection (formerly Guardian) is SAFETY Act Certified by the U.S. Department of Homeland Security. NPSA rated product: Approved for UK Government use, for details contact NPSA