



ShotSpotter® SiteSecure™

For Critical Infrastructure—Energy

Myth:

Cyber threats so outweigh physical threats that only minimal investment in physical security is necessary.

Fact:

A physical perimeter defense, capable of detecting gunfire attacks in a timely manner, can thwart those attacks, protecting local assets, such as the 17 transformers destroyed at Metcalf, and the bulk electric grid.

Layered Perimeter Defense including Acoustic Gunshot Detection Trusted Critical Infrastructure Protection from the Leader in Gunshot Detection, Location and Analysis Technology.

Introduction

Because electrical substations are often located in remote areas (not within public safety officers' regularly travelled patrol routes), they are especially vulnerable to well-planned, multi-pronged attacks by heavily armed, active shooters.

ShotSpotter® SiteSecure™ is a unique gunfire detection system designed to protect and secure any substation or power-related facility in the event of an active shooter attack.

ShotSpotter SiteSecure technology greatly strengthens any facility's comprehensive security platform.

ShotSpotter SiteSecure Technology

ShotSpotter SiteSecure utilizes a small number of fence- or pole-mounted collaborative, networked sensors to create a wide-area bubble of security. ShotSpotter instantly detects incoming gunfire and immediately notifies those who need to respond, *i.e.* Security Operations Center personnel and local law enforcement.

Due to SiteSecure's 360-degree detection capabilities, often-times a deployed system can detect the location of gunfire up to 500 meters away. SST has an 18-year proven track record of detecting gunfire in a wide variety of environments.

System Functionality & Benefits

- Capable of detecting a full spectrum of potential threats—both subsonic and supersonic rounds, as well as explosive attacks such as improvised explosive devices.
- Instantly provide fully contextualized alerts (number of rounds fired, location of the shooters, streaming audio files of the event) to designated recipients in your organization's security operations center.
- Detected incidents are often given a higher priority by law enforcement dispatch centers because they know and trust ShotSpotter.

Ask about our API

A number of associated and related technologies—video, PSIM, CAD—can be integrated to provide a 360-degree solution for end users. Contact SST for more detail.

Seeking a security solution to address gunfire and explosive attacks?

Insist on one that can identify

a wide-range of events—

subsonic munitions, supersonic

firearms, explosive devices—

in a single turnkey technology platform.

ShotSpotter SiteSecure Alternative Solutions

Detection Capabilities

Detects a wide range of sharp acoustic events (e.g. explosions, subsonic, supersonic gunfire)	Only supersonic rounds from specific, pre-specified weapons
Wide area incident detection: fired and directed anywhere within coverage area	Only detects incoming gunfire (bullet must pass within 30-50 meters of sensor)
Collaborative sensor approach: no single sensor point of failure; multiple sensors add accuracy and context to each incident	Each sensor stands alone and, due to bullet flight-path requirements, constitutes a single point of failure
Multiple-sensor and multiple-round incidents bundled and displayed as single, unified incident. Multiple shooters identified and highlighted	Only simple event information provided

Managed Network

Audio snippet of gunfire incidents in real-time	No Audio
No on-premises equipment other than sensors	Requires on-premise server and customer IT support
Remote and transparent updates and support	Requires on-site support

On-Site Network

Cost Effectiveness

Managed, cloud-based system requires no customer overhead	Requires customer support and overhead
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How Viewed by First Responders?

Credible, trusted, given higher priority	Unknown
Court accepted evidence case law—proven accuracy	Untested, unproven

More Information about SST and ShotSpotter can be found at www.SST-Inc.com or www.ShotSpotter.com. The full 2013 National Gunfire Index can be downloaded at www.ShotSpotter.com/ngi. You can also follow SST and ShotSpotter solutions on Twitter, YouTube, Facebook, and LinkedIn.

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