



# ShotSpotter® SiteSecure™

For Critical Infrastructure—Transportation

## Myth:

The only threat to airline travel is prohibited items getting through checkpoints and onto planes.

## Fact:

In reality, security must adapt to prevent the next attack. We must quickly assess, and react to, active shooter scenarios such as the one last November 2013 in LAX. Any area where the public waits to board planes, trains or other forms of public transportation must be protected.

## Mitigating Active Shooter Incidents at Public Transportation Facilities Trusted Critical Infrastructure Protection from the Leader in Gunshot Detection, Location and Analysis Technology.

### Introduction

Because airports and other transportation infrastructure support large, transitory populations and are sprawling with complex perimeters and multiple points of ingress and egress, they are especially vulnerable to well-planned, multi-pronged attacks by both sophisticated and untrained persons with firearms and/or improvised explosive devices.

Transportation facilities are typically “lightly defended” sites where the primary security focus is to deter and detect a narrow range of threats before they reach secure boarding areas so that they cannot get onto planes.

### ShotSpotter SiteSecure Technology

ShotSpotter® SiteSecure™ is a unique gunfire detection system designed to provide both indoor and outdoor coverage at critical infrastructure locations to include airports and other transportation-related facilities.

ShotSpotter instantly detects incoming gunfire and notifies those who most need that information in real-time: Security Operations Center personnel and law enforcement first responders.

## System Functionality & Benefits

- ShotSpotter® SiteSecure™ is the only gunshot location technology capable of detecting a full-spectrum of potential threats—both subsonic and supersonic rounds, as well as explosive attacks such as improvised explosive devices.
- ShotSpotter SiteSecure has the ability to instantly provide fully contextualized alerts (number of rounds fired, the GPS location of one or more shooters, and streaming audio files of the event) to designated recipients anywhere in the world to include your organization's security operations center, public safety dispatch centers, as well as a variety of mobile platforms utilized by first responders.
- Rapid incident detection and the swift deployment of emergency countermeasures, coupled with the rapid deployment of armed first responders, can make the difference between an incident where an active shooter is able to penetrate security checkpoints and reach an aircraft at a nearby gate and an incident where the threat is quickly contained and eliminated with the assistance of rapidly disseminated tactical intelligence.

### 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.

**U.S. transportation hubs require pre-emptive security measures. ShotSpotter SiteSecure indoor/outdoor technology provides a complete “bubble” of protection within and around any transportation hub, and can identify a wide-range of impulsive events, including both sub-sonic munitions and supersonic firearms as well as conventional and improvised explosive devices.**

## 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](http://www.SST-Inc.com) or [www.ShotSpotter.com](http://www.ShotSpotter.com). The full 2013 National Gunfire Index can be downloaded at [www.ShotSpotter.com/ngi](http://www.ShotSpotter.com/ngi). You can also follow SST and ShotSpotter solutions on Twitter, YouTube, Facebook, and LinkedIn.

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