



ShotSpotter® + PlateRanger™ for Campus Safety Powered by REKOR®

From Alert to Action: Protect Students, Faculty, and Staff with Gunshot Detection and ALPR

The Challenge: Seconds Matter When Shots Are Fired

Active shooter incidents unfold rapidly—often in minutes or even seconds. In many cases, the event is over before law enforcement arrives. Campuses heighten this complexity: dense foot traffic, constantly shifting populations, and multiple access points can delay awareness and slow response. And if a vehicle is involved, locating a suspect or getaway car becomes another critical obstacle.

Campuses need immediate, verified intelligence to act fast, warn their community, and coordinate an effective response.

The Solution: Unified Campus Threat Detection

ShotSpotter® and PlateRanger™ work together to help campuses detect, identify, and respond to threats with speed and precision.

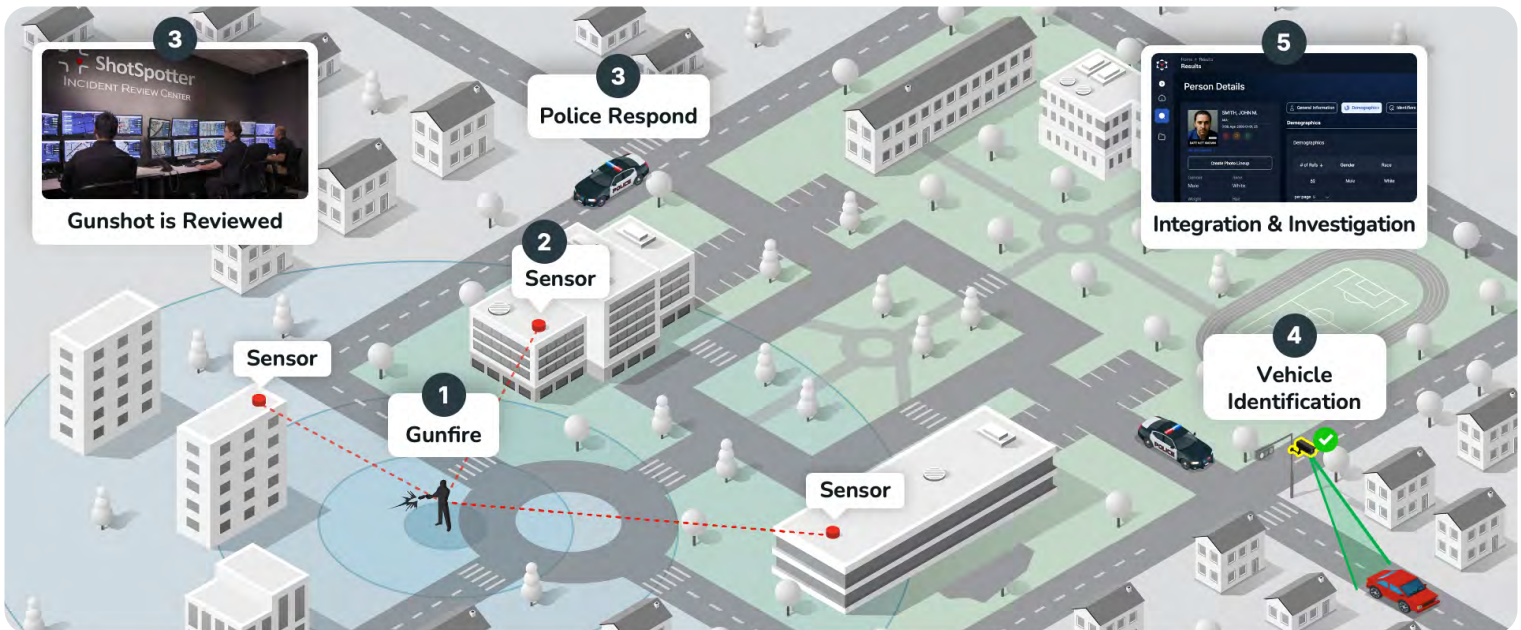
ShotSpotter pinpoints nearly all outdoor gunfire within a coverage area in under a minute—providing verified location, round count, and incident details from trained acoustic analysts at the 24/7 Incident Review Center. Trusted in more than 180 cities with over 97% accuracy, it serves as a reliable “fire alarm for gunfire.”

For incidents involving vehicles, PlateRanger powered by Rekor®, uses AI-driven license plate and vehicle recognition to rapidly identify potential suspects or fleeing vehicles through fixed or mobile camera systems that integrate with investigative tools.

Together, they deliver the intelligence needed for faster detection, smarter coordination, and safer outcomes—when every second matters.

How It Works:

Securing Your Campus with ShotSpotter + PlateRanger



1 Gun is fired

A muzzle blast radiates outward as soon as a gun is fired.

2 Gunshot is Detected, Located, and Reviewed

Acoustic sensors detect the impulsive sound and use AI and triangulation to classify gunfire and pinpoint location. Data is sent to the ShotSpotter Incident Review Center, where trained acoustic experts verify the event in real time.

3 Campus Notification and Police Response

Verified alerts are delivered to campus law enforcement and dispatch within seconds.

Campuses can issue **Clery-compliant emergency notifications** and timely warnings, while gunfire data integrates with security systems to support a coordinated response.

4 Vehicle Detection and Identification

As officers respond, PlateRanger automatically scans surrounding areas to identify suspect or fleeing vehicles—capturing plate numbers, make, model, and direction of travel.

5 Integration & Investigation

Gunfire and vehicle data flow seamlessly into connected systems such as CrimeTracer™ and case management tools, giving investigators rapid, actionable leads that connect vehicles, locations, and incidents.

Integration Services — ShotSpotter & PlateRanger

ShotSpotter gunfire data and PlateRanger ALPR data integrate across security platforms to enhance response, coordination, and investigations.

Integrated capabilities include:

- Automatically pointing cameras toward the incident
- Displaying gunfire locations on real-time maps
- Seamlessly transferring gunshot data to CAD, RMS, or crime analysis tools
- Identifying vehicles leaving the scene using PlateRanger ALPR
- Accessing 1B+ vehicle records through CrimeTracer integration
- Leveraging automated NCIC and AMBER Alert connections
- Interoperability via open APIs across CAD, RMS, PSIM, and mass notification platforms
- Support access control systems for rapid lockdowns

Flexible, Scalable APIs

Whether connecting ShotSpotter to CAD or linking PlateRanger to RMS, open APIs ensure fast, secure data sharing across campus safety ecosystems — enabling a truly connected, intelligence-led response network.



ShotSpotter for Campus Features

- ✓ Detects and verifies gunfire on campus and in surrounding areas
- ✓ 24/7 monitoring and human verification
- ✓ Sends alerts in under 60 seconds
- ✓ Mobile alerting for campus and local law enforcement
- ✓ Provides precise location and number of rounds fired
- ✓ Integrates with cameras, access controls, PSIMs, and mass notification tools
- ✓ Includes verified audio clips and incident context
- ✓ Trusted by 180+ cities for accurate gunfire detection, analysis, and forensic support



PlateRanger Features

- ✓ AI-driven vehicle and license plate recognition
- ✓ Links instantly to investigative platforms like CrimeTracer
- ✓ Fixed and mobile cameras for flexible campus deployment
- ✓ Enhances threat detection and follow-up during gunfire incidents
- ✓ Identifies plates, vehicle make/model, direction of travel



Why Campuses Choose SoundThinking®

ShotSpotter + PlateRanger delivers a comprehensive, intelligence-led threat detection system that helps campuses:

- ✓ Keep students, faculty, and staff safe
- ✓ Respond faster
- ✓ Coordinate smarter
- ✓ Investigate more effectively

To learn more, scan the QR code or visit: soundthinking.com/security/campus-safety-shotspotter

