ShotSpotter®
Detect · Protect · Connect

SHOTSPOTTER RESPOND™

Gunshot Detection Helps Law Enforcement Save Lives and Make Communities Safer

The Gun Violence Problem

Gun violence in America's cities is a devastating epidemic. It has killed more than 65,000 individuals and injured several hundred thousand in the last five years. A surprising fact is that gunfire is severely under reported − more than 80% of incidents are not reported. As a result, eight out of ten times that someone fires a gun, the police don't know about it and can't respond. This can erode the community's confidence in police.

Break the Cycle of Gun Violence

With ShotSpotter Respond, police become aware of essentially all gunshot incidents. The system detects, locates and alerts police to gunfire in less than 60 seconds using a network of acoustic sensors across a coverage area. This enables a new normal where police can provide a consistent, rapid, and precise response to aid victims, collect evidence, and better serve their communities. It doesn't take long for perceptions to change among the community, with increased trust in law enforcement to protect and serve them.

SAMPLE RESULTS

48% reduction in Avondale shootings, Cincinnati, OH

33% reduction in gun violence injuries, Greenville, NC

36% reduction in homicides year-over-year, Pittsburgh, PA

3.5^{min} reduction in GSW victims transport time

DETECT

Shots – Gunfire alerts sent to Dispatch, MDTs and smartphones in less than 60 seconds

Spots – Alerts include a precise location of the shooting and nearest street address

Shooters – Tactical data indicates if there are multiple shooters, and automatic/high-capacity weapons

PROTECT

Public – Fast, precise responses to gunfire enable police to better aid victims, collect evidence, and ultimately reduce gun violence

Personnel – Situational data helps officers approach crime scenes safely and strategically

Plan – Objective, fact-based shooting data supports defense of department resource deployments

CONNECT

Crime Scenes – Shot-by-shot sequence and location data lead to improvement in shell casing collection and crime scene interviews

Capabilities – Alerts trigger other technologies to improve investigation intelligence such as cameras turning in direction of gunfire

Community – More than 80% of agencies see ShotSpotter contributing to an improvement in police-community relations
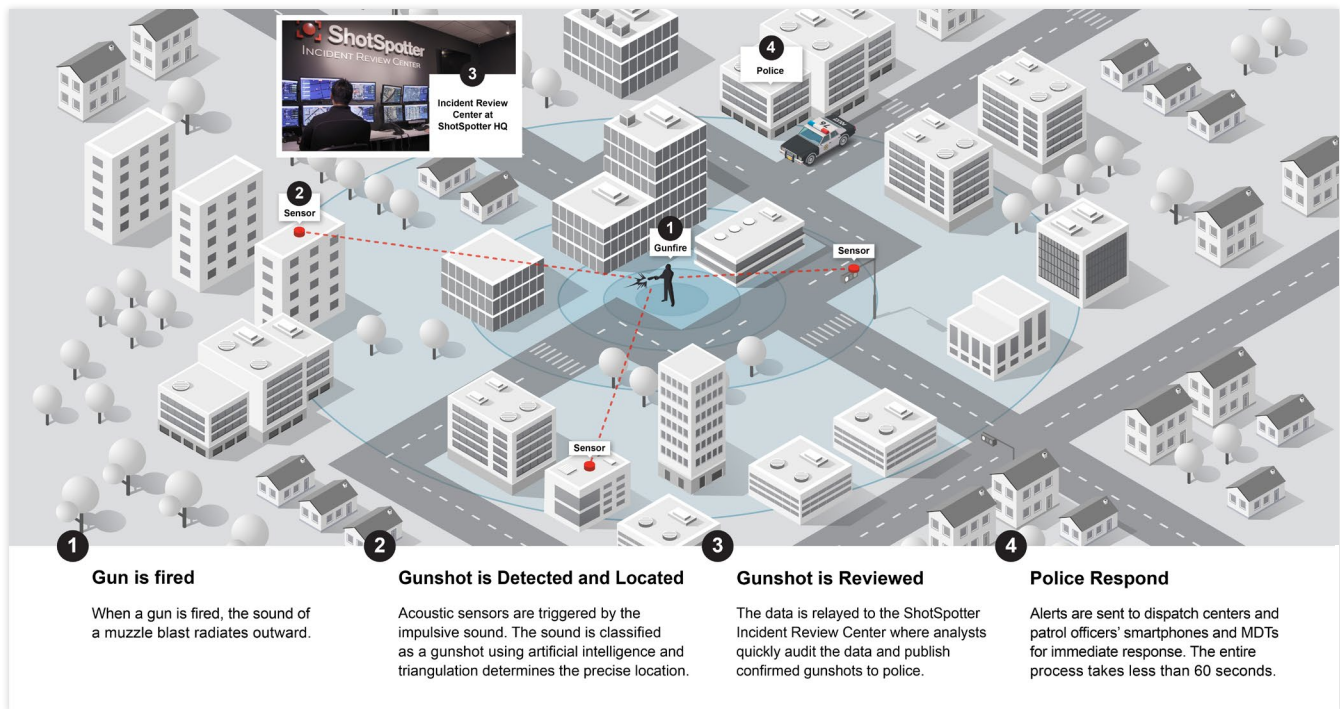
"

[ShotSpotter is] an always present and unbiased source of information for us. We don't have to rely on people to call 9-1-1. It's always listening.

Deputy Chief SCOTT GRAY
Omaha Police Department

"

After almost 30 years in Law Enforcement, I've yet to find a more profound and proven way to increase community/police relations than ShotSpotter.

Chief of Police SCOTT RUSZKOWSKI
South Bend Police Department

How ShotSpotter Works

1 Gun is fired

When a gun is fired, the sound of a muzzle blast radiates outward.

2 Gunshot is Detected and Located

Acoustic sensors are triggered by the impulsive sound. The sound is classified as a gunshot using artificial intelligence and triangulation determines the precise location.

3 Gunshot is Reviewed

The data is relayed to the ShotSpotter Incident Review Center where analysts quickly audit the data and publish confirmed gunshots to police.

4 Police Respond

Alerts are sent to dispatch centers and patrol officers' smartphones and MDTs for immediate response. The entire process takes less than 60 seconds.
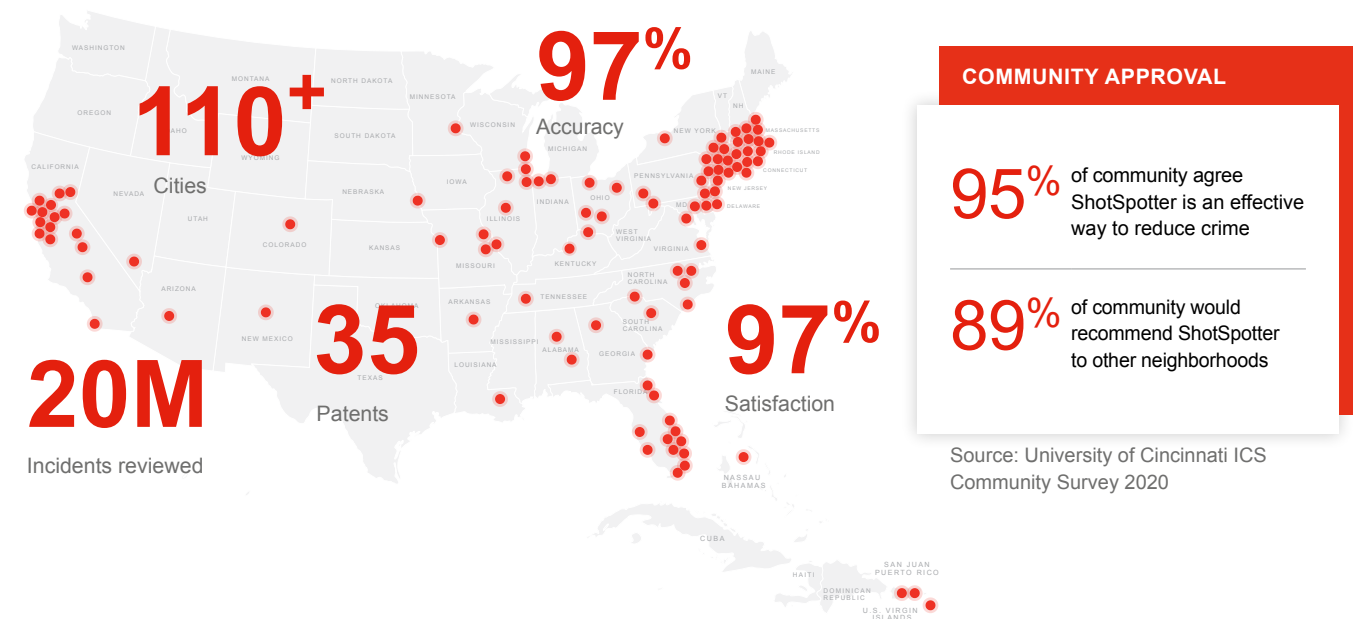
Investigative and Forensic Services

ShotSpotter provides tools and services to help improve the understanding of a shooting incident.

- Mobile app for crime scene investigators helps locate shell casings and instantly understand timing and sequence of shots fired.

- Investigative software tracks data for post-incident analysis or aggregated export to include as part of weekly department crime reports.

- Detailed Forensic Reports (DFR) support trial attorneys with court-admissible analysis of a shooting incident produced by forensic engineers, including audio of the gunfire. This can aid in the corroboration or discrediting of other evidence.

- Forensic engineers are available to provide expert witness testimony in support of a DFR.

The Global Gunshot Detection Leader

110+ Cities

97% Accuracy

20M Incidents reviewed

35 Patents

97% Satisfaction

COMMUNITY APPROVAL

95% of community agree ShotSpotter is an effective way to reduce crime

89% of community would recommend ShotSpotter to other neighborhoods

Source: University of Cincinnati ICS Community Survey 2020

ShotSpotter®

If you would like to learn more about ShotSpotter, please visit us at **www.shotspotter.com**