

## Making Cities Safer

The Leader In Real-Time Gunshot Detection and Alerting

### The Gun Violence Problem

Gun violence is overtaking our most vibrant U.S. communities. Beyond the human cost, persistent gunfire leads to declines in property values and business owners moving out. This creates a vicious cycle of lower economic growth, fewer employment opportunities, and more gun violence. Investing in a gun violence reduction program saves lives, improves quality of life, and yields a positive economic return on investment.\*

On average, 80% of gunshot incidents go unreported so police cannot respond. When residents do call 9-1-1, there is precious time lost as an operator collects information. And even when they do get information, it is often incomplete or inaccurate.

ShotSpotter® helps law enforcement agencies by directing police to the precise location of more than 90% of gunfire incidents. ShotSpotter instantly notifies officers of shootings in progress within 60 seconds via dispatch centers, MDTs and smartphones. Instant alerts enable first responders to aid victims, collect evidence, and identify witnesses.

ShotSpotter's actionable intelligence can then be used to prevent future crimes by positioning law enforcement when and where crime is likely to occur. Police now possess a scientific barometer of success: smart policing leads to fewer shootings.

\*Source: The Effect of Gun Violence on Local Economies, Urban Institute, November 2016.



“The one technology that has made the most difference in Chicago's gun violence in the last 12 months has been ShotSpotter—it's a game changer.”

**Eddie Johnson,**  
**Superintendent Chicago**  
**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 Ruzowski,**  
**South Bend**  
**Police Department**

# Making Cities Safer

## ShotSpotter Proactively Addresses Gun Violence Issues

- Alerts on 90%+ of all gunshots without relying on 9-1-1 calls
- Precise location data expedites response time to crime scene
- Enhances tactical awareness and officer safety
- Improves evidence collection
- Builds community trust and engagement

## The Most Complete and Reliable Gunshot Detection Solution

- 24x7x365 acoustic monitoring for gunshots
- Alerts issued in <60 seconds to dispatch, MDT or smartphone with “dot on map” precision
- Get precise location of gunfire including latitude/longitude and street address
- Acoustic experts filter out false positives
- Tactical data includes number of rounds and shooters, direction of gunfire, and indication of fully-automatic or high-capacity weapons
- Detailed forensic and historical trend reports for investigation, prosecution and analysis
- End user training, best practices and customer support included
- Optional integration to CAD, RMS, VMS, LPR and more
- Managed service in the cloud — simple, affordable subscription with no hardware requirement or expense

## How it Works

-  A gun is fired; sensors pick up the impulsive sound
-  Computer triangulation pinpoints location of gunfire
-  Machine classifier confirms the sound is gunfire and identifies number of shots fired
-  Acoustic experts review each incident and publish confirmed gunshots
-  Alerts are sent to dispatch centers, smartphone, MDTs for immediate response to precise location (total time from gunshot to alert is <60 seconds)
-  Within minutes officers arrive to crime scene with greater situational awareness



## Acoustic Experts

ShotSpotter is the only gunshot detection service to include human acoustic expertise along with machine classification for enhanced assessment of all incidents and to reduce false positives. These experts also add critical tactical intelligence to alerts that improve officer safety and preparedness when arriving at a crime scene.

## Product Integrations Enable Data-Driven Policing

ShotSpotter offers an optional interoperability engine and API which shares gunshot data to interface with VMS, LPR, CAD, RMS and other systems. The most common use case is to pan, tilt and zoom outdoor cameras near an incident based on precise location of gunshots for suspect identification and egress.

## Trusted by more than 90 Cities

“Since the city first adopted the ShotSpotter program in 2014, the homicide rate has plummeted by 35%. Gunshot incidents as an activity has been reduced by about 50% in the same period of time.”

Mayor Francis Suarez, Miami, FL

For more information visit [ShotSpotter.com](http://ShotSpotter.com), contact us at [info@ShotSpotter.com](mailto:info@ShotSpotter.com) or call: 1 (888) 274-6877, 1 (510) 794-3144. ©2018 ShotSpotter, Inc. All rights reserved. ShotSpotter® Flex™, ShotSpotter® SiteSecure™, ShotSpotter®, ShotSpotter® Gunshot Location System™, ShotSpotter SecureCampus™ and the ShotSpotter logo are registered trademarks of ShotSpotter®, Inc., SST and ShotSpotter technology are protected by one or more issued U.S. and foreign patents, with other domestic and foreign patents pending, as detailed at [www.ShotSpotter.com/patents](http://www.ShotSpotter.com/patents).



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