ShotSpotter®
Detect · Protect · Connect

Everyone Deserves to Feel Safe in Their Own Community
ShotSpotter Provides Over 120 U.S. Cities with the Resources They Need to Stay Safe

Did You Know that Over 80% of Shootings Go Unreported[1]?

On average less than 12% of shootings are reported to 9-1-1. As a result, eight out of ten times when someone fires a gun in your neighborhood, the police never show up, simply because they don't know about it.

When Gun Crimes Go Unreported

When gun crime isn't reported, perpetrators grow emboldened, putting everyone else in the community at risk. Unaddressed gunfire drives homicides and injuries, but there are other costs to the community as well:

Victims don't get treated in time	Residents feel unsafe at home	Community jobs are lost	The cycle of gun violence continues

Our mission is to reduce gun violence and improve police-community relationships. Communities like yours are proactively addressing gun violence with our gunshot detection system.

3.5 min	33%	48%
reduction in GSW victims transport time	reduction in gun violence injuries, Greenville, NC	reduction in Avondale shootings, Cincinnati, OH

This technology enables an informed and precise police response that is focused on apprehending the shooters, while conveying a sense of respect and compassion for innocent bystanders in the area.

> *There was a man shot on our streets and no one had alerted police. [Because of ShotSpotter], police showed up and administered CPR and saved him. He's alive today because of ShotSpotter.*
>
> **LISA BOGGS | Columbus community activist**

[1] *Carr, Jillian and Doleac, Jennifer. "The Geography, Incidence, and Underreporting of Gun Violence: New Evidence Using ShotSpotter Data." The Brookings Institution. April 27, 2016. https://www.brookings.edu/research/the-geography-incidence-and-underreporting-of-gun-violence-new-evidence-using-shotspotter-data/.*

FAQ

HOW DOES SHOTSPOTTER WORK?

When shots are fired, police receive an alert pointing them to the exact location of the incident within 60 seconds. This means that community members can count on the police to show up when they are needed — and when every second matters. By getting to the scene faster, responders can get critical evidence to help capture the shooter and also ensure that aid is rendered to victims.

IS SHOTSPOTTER SURVEILLANCE EQUIPMENT? DO THE SENSORS LISTEN TO CONVERSATIONS?

ShotSpotter uses two primary algorithms in the real-time processing of sounds: first, an algorithm to determine the location of "pops, booms, and bangs" and second, a machine learning algorithm for filtering out non-gunshot sounds. An independent privacy audit conducted by NYU's Policing Project concluded that the risk of voice surveillance throughout this process is very low. ShotSpotter agreed with (and has since implemented) all 11 privacy recommendations that the NYU Policing Project proposed. No community member's information is obtained or used during any part of the detection or alerting process. Learn more about ShotSpotter Community Privacy Protections here: **www.shotspotter.com/community-privacy-toolkit**.

IS SHOTSPOTTER ACCURATE?

We are proud to report that we have a 97% accuracy rate, including a 0.5% false-positive rate, for real-time detections across all customers over the last three years. This was derived directly from police department reporting to ShotSpotter and has been independently confirmed by Edgeworth Analytics, a data science firm in Washington, D.C. Our 98% customer retention rate speaks for itself in verifying that our system works very well.

WHAT SHOULD I DO IF I HEAR GUNSHOTS IN MY NEIGHBORHOOD?

Regardless of whether your city has deployed ShotSpotter, you should still call 9-1-1 and notify the police. If you're in a city that has not deployed ShotSpotter, consider reaching out to your local police department or local city council to express your concerns about public safety and to see if they have any plans to implement gunshot detection technology.

GET IN TOUCH If you would like to learn more about ShotSpotter, please visit us at **www.shotspotter.com/community**.