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 Flex, 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

<table>
<thead>
<tr>
<th>Reduction</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>48%</td>
<td>Avondale</td>
</tr>
<tr>
<td>33%</td>
<td>Greenville</td>
</tr>
<tr>
<td>36%</td>
<td>Pittsburgh</td>
</tr>
<tr>
<td>3.5 min</td>
<td>GSW victims</td>
</tr>
</tbody>
</table>

[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

100+
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

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

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