Police Department

ShotSpotter
Proposed Service Agreement
2021-2026

The City of
SAN DIEGO

What is ShotSpotter?

ShotSpotter is a gunshot detection technology that quickly and precisely identifies gunshots, mathematically triangulates the location, and dispatches officers quickly.

How it Works

1. Gunfire is detected.

2. At least three sensors detect the gunfire and route the activation to the Incident Review Center (IRC) within 10 seconds.

3. IRC personnel listen to the audio, confirm the explosive event is gunfire, and send the activation/details to the field for immediate response.

4. Officers respond to the exact location of the gunfire (within 25 meters) with extensive information including:

   • Exact number of rounds fired

   • Fully auto or high-capacity weapons

   • Multiple shooters

   • Shooter(s) position, speed and direction of travel
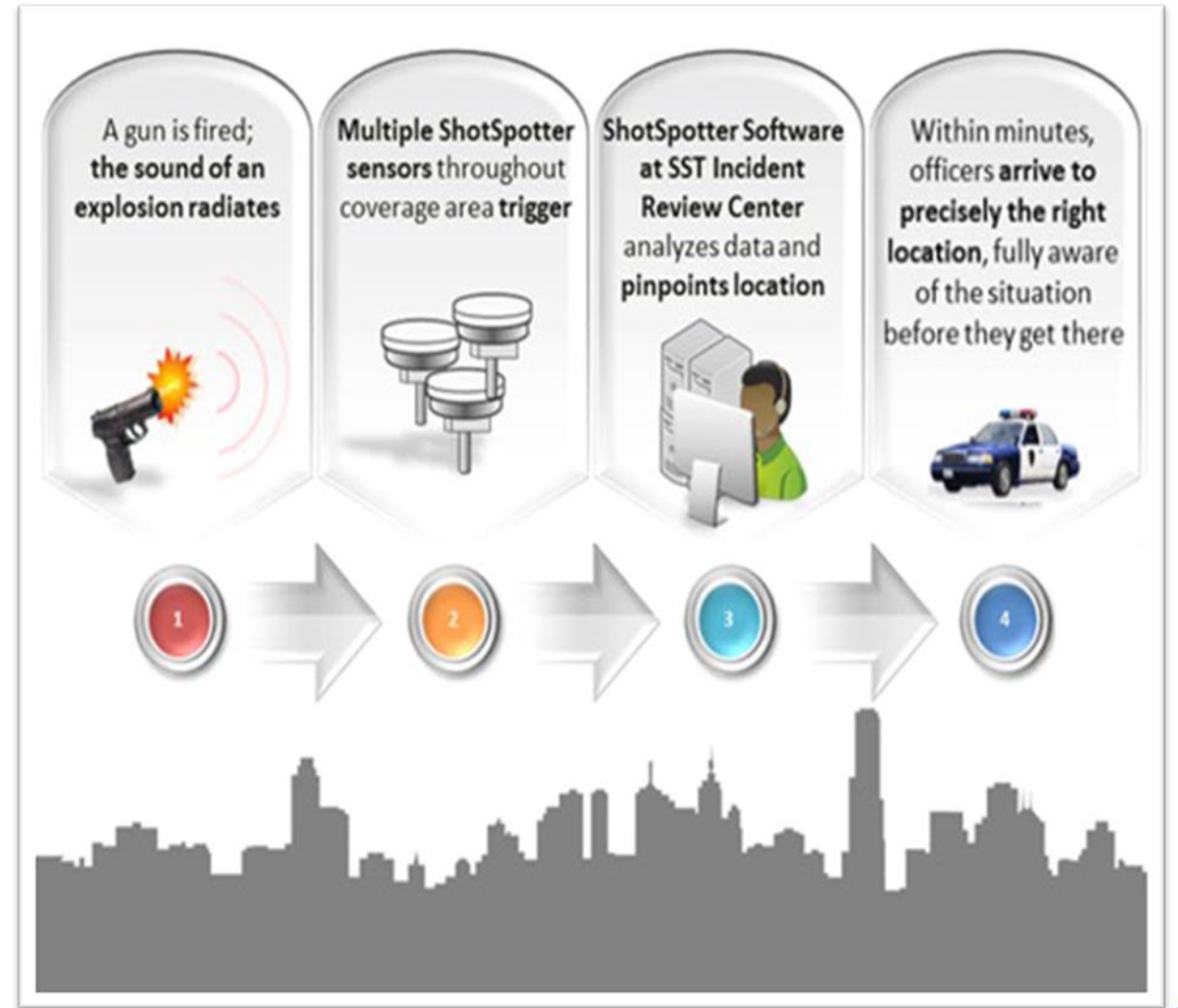
History of ShotSpotter

- On September 22, 2016, the San Diego Police Department entered into a 5-year service agreement with ShotSpotter Technology.

- ShotSpotter Technology sensors currently cover 3.62 square miles in the Southeastern neighborhoods of the city.

Initial Areas Deployed and Why?

Neighborhoods	Beats
Lincoln Park	446
Skyline	436
Valencia Park	432
O'Farrell	452

In a 2013-2015 review and data analysis, it was determined these four beats within the City of San Diego had the highest incidence of gun-related crime.

Current Crime Statistics in Areas of Deployment

May 1, 2019 – May 1, 2021

	Beat	Current Rank Amongst Gun-Related Crimes	Number of Incidents
Lincoln Park	446	2	50
Skyline	436	23	13
Valencia Park	432	24	12
O'Farrell	452	26	10

The SDPD Crime Analysis Unit conducted an evaluation of gun-related crimes within the 125 beats of the City of San Diego. In completing this review, it was determined one of the original beats identified in the 2013-2015 analysis ranked 2nd in the city of having the highest occurrence of gun-related crimes.

Existing ShotSpotter Zone Activations 2019 - 2021

- **Activations:** SDPD responded to **417** ShotSpotter activations between May 1, 2019, and May 1, 2021.

- **Crimes: 62** confirmed gun-related crimes were identified.

- **Victims:** There were **21** gunshot victims. **3** of the gunshot victims died, resulting in a homicide. In **1** of the homicide cases, where there was a ShotSpotter activation, there was no reporting party.

- **Arrests: 3** suspects were arrested as a result from a ShotSpotter activation.

- **Evidence**: Shell casings were recovered at **48** crime scene locations. **5** firearms were recovered.

Crime Laboratory Statistics and DNA

- As of September 2018, 63 ShotSpotter cases have been entered into Evidence.com.

- 30 cases have been forensically analyzed, resulting in 5 confirmed IBIS hits.

- From those ShotSpotter cases, the Crime Lab has identified 5 different suspects through the CODIS database.

Yearly ShotSpotter Cost

- The San Diego Police Department's proposed service agreement with ShotSpotter would be a one (1) year, month-to-month service agreement, with the option of four (4) additional one-year terms.

- The service agreement would be on a month-to-month billing cycle of $19,608.33, per month, with the option of cancelling the service agreement at any time, for any reason.

- If approved, ShotSpotter Technology will be paid from COPS State Allocation Funds.

Cost of Four Optional Years

The cost for optional renewal years are:

Year	Cost per Year	Cost Per Month
2	$235,300.00	$19,608.33
3	$235,300.00	$19,608.33
4	$247,065.00	$20,588.75
5	$247,065.00	$20,588.75

The ShotSpotter cost for all five (5) years is $1,146,107.05.

Questions?