

**Gun violence
in the U.S.
is simply
out of control and
unacceptable.**

TOTAL GUNSHOT DATA 2013:

NUMBER ONE

In 2013, there were more than

confirmed incidents of ILLEGAL GUNFIRE

THAT'S AN AVERAGE OF
273 INCIDENTS
PER SQUARE MILE THROUGHOUT THE U.S.

NUMBER TWO

HIGHEST RATE OF GUNFIRE IN ANY CITY

ANNUAL INCIDENTS PER SQUARE MILE
3.9x the national average

Highest rate of gunfire in any city

337
INCIDENTS PER SQUARE MILE

8
ROUNDS

NUMBER THREE

Gunfire incidents
PER
HOMICIDE

the sampled areas of
for an estimated
375
HOMICIDES
in 2013

According to this estimate

129
GUNFIRE INCIDENTS

3
ROUNDS

NUMBER FOUR

ShotSpotter Detections and 9-1-1 Shots Fired Calls

VA
UN

Agenda

- 1 ShotSpotter in Public Safety
- 2 Security Solutions
- 3 Leveraging Data in Public Policy
- 4 Company Information

SST and the Narrative on Gun Violence



Our Legacy:
ShotSpotter in **Public Safety**

Urban Gun Violence:
A **much** larger issue than
GSWs & Homicides

SST and the Narrative on Gun Violence



Leveraging Our Legacy
to Provide **Security Solutions**

Addressing Rare, but Serious,
Active Shooter Scenarios.

i.e. Sandy Hook

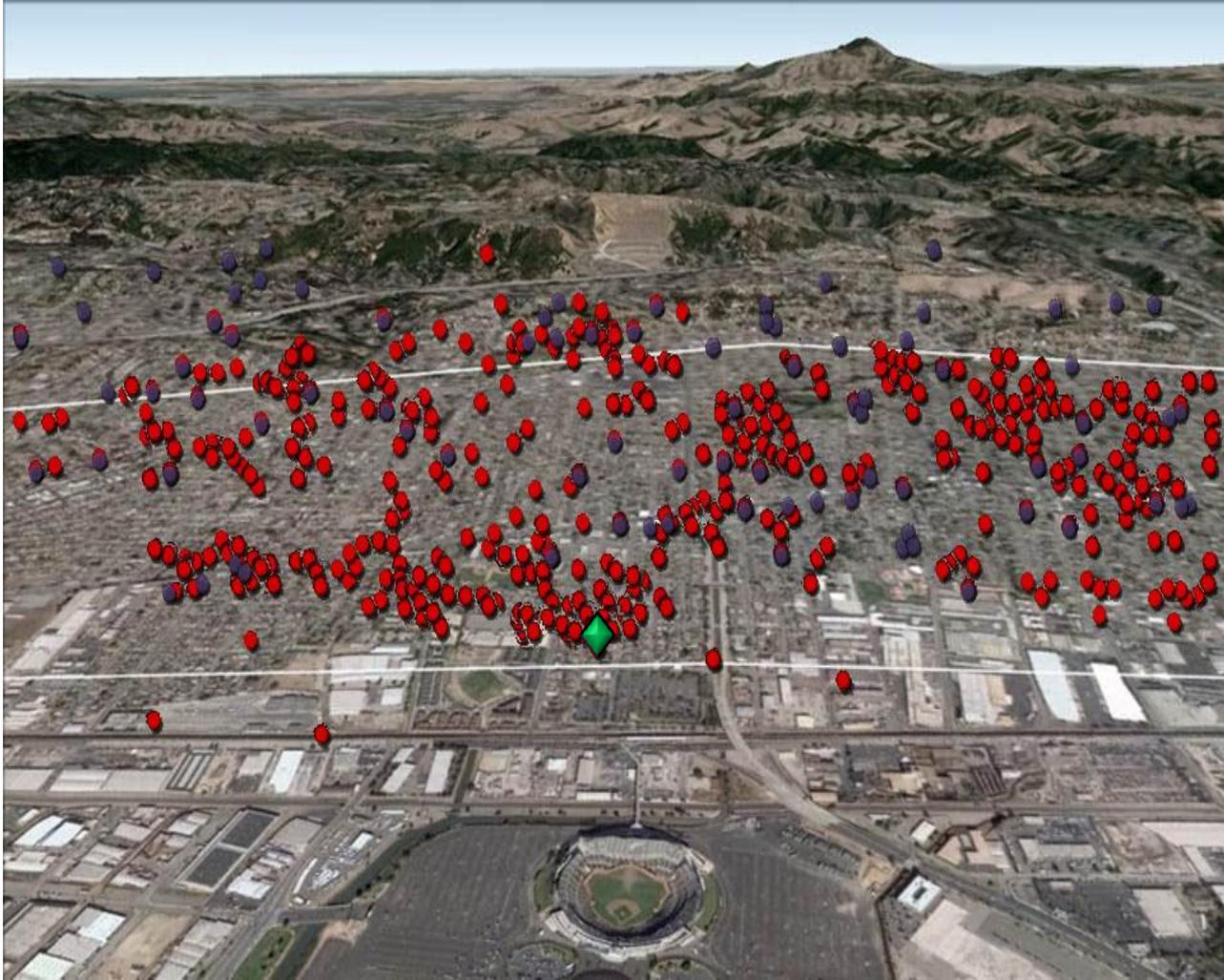
SST and the Narrative on Gun Violence



Leveraging ‘**Big Data**’
to Inform Public Policy

Living with Gun Violence
Takes a Huge Toll on Human Life
and is Simply Unacceptable.

ShotSpotter Intelligence = Ground Truth





ShotSpotter Flex: Locate Active Shooters in Under a Minute

Real-Time Situational Awareness

- Enhanced officer safety
- Improved response to victims
- Opportunity for evidence collection
- Interview witnesses
- Apprehend criminals
- Digital audio aids prosecution

SST Incident Review Center



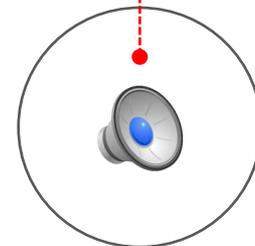
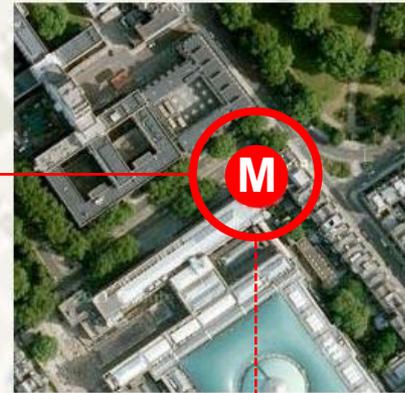
Cloud-based Subscription Service for Expert Reviewed Alerts

- Continuous (24x7) incident monitoring
- Highly trained gunfire/acoustics specialists
- No need to train/retrain dispatchers
- Qualification eliminates false positives
- Incidents classified as gunfire are published to agency in <60 seconds
- Can be integrated with existing video to enhance real-time actionable intelligence

Real-time Alert of Rounds Fired

09:53:51 EDT
Massachusetts

8 rounds fired
possible multiple shooters
East side of building



Cities Take Action to Fight Gun Violence



Case Study: Springfield, MA in 1st Half 2014

- 121 Shell Casings Recovered
- 14 Gunshot Victims Found
- 4 Guns Recovered
- 2 Homicides Discovered

- Gun Incidents per square mile:
2013: 109.5 2014: 43.3
Down 60.4% in first half 2014

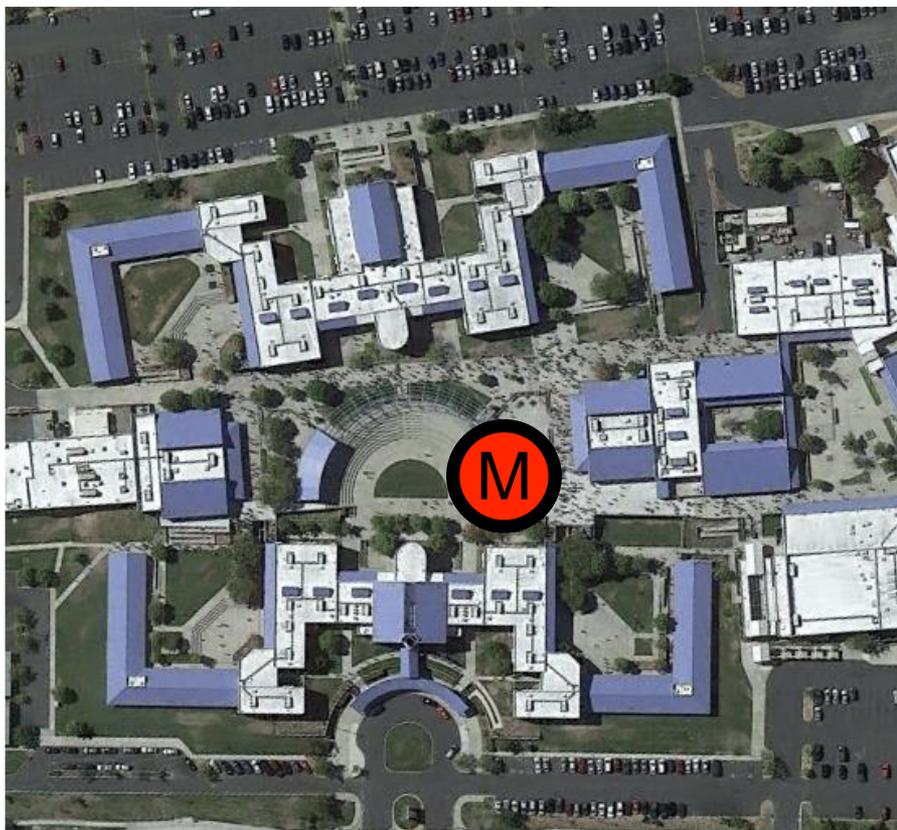
It's working!



- “Technology enables us to be more strategic in proactively preventing gun crime”.
Camden, NJ down 48% this year
- “Drastic drop in gunfire incidents shows that our GF reduction strategy is working.”
Miami Gardens, FL down 40% this year
- “Police officers in New Haven are responding more quickly, recovering more evidence ... “
New Haven, CT down 41% this year

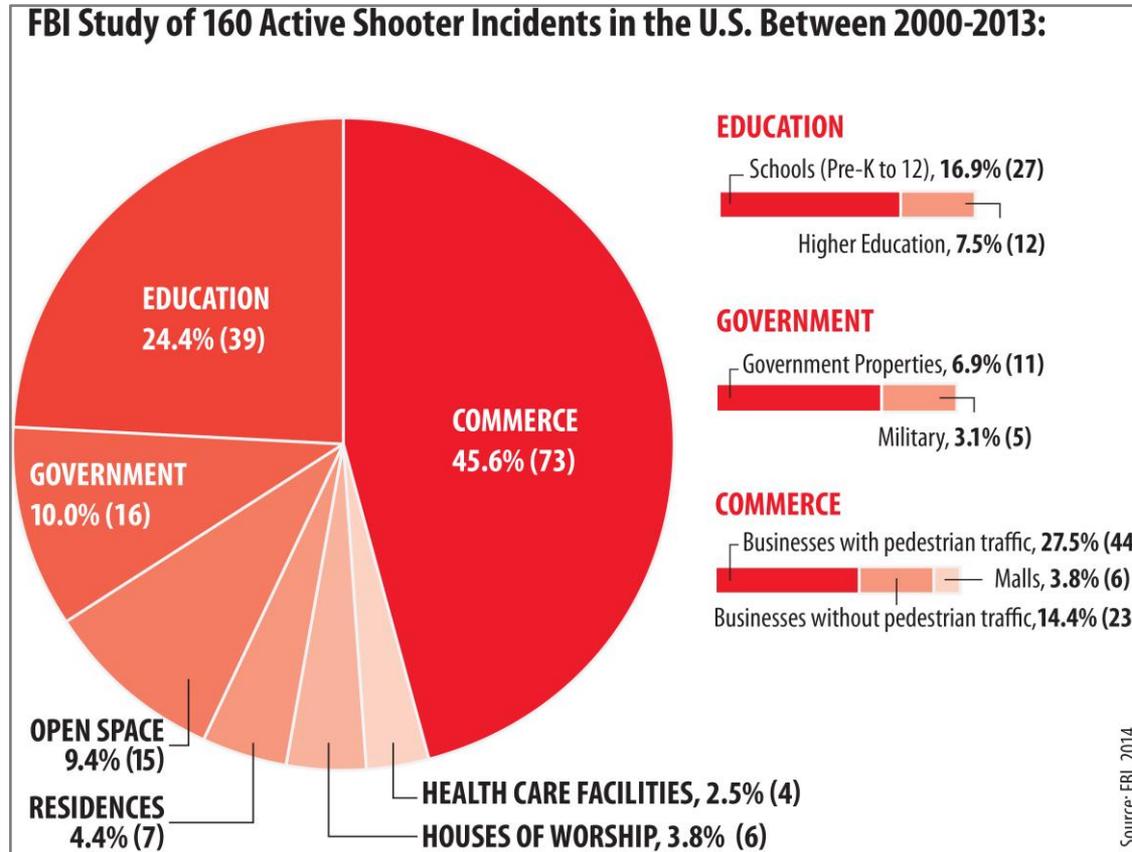
Minutes Matter

Rapid Response Requires Immediate Detection



- **ShotSpotter** **SiteSecure**
pinpoints the location of active shooters in seconds.
- Early warning of gunfire and explosive attacks, speeds public safety response times and can quickly alert staff to initiate protective measures.
- High-powered rifles and/or explosives have the potential to inflict large numbers of traumatic and often fatal wounds quickly.

SST Security Solutions



 **SST**™ SecureCampus

 **ShotSpotter**® SiteSecure™

Incident-Based Situational Awareness

File Reports Help

find all incidents between:
begin: 8/1/14 1
19:29:25
end: <M/d/yy>

and of type(s):
Single Gunshot
Multiple Gunshots
Possible Gunfire
click to choose from full list ↓

and with:
Include auto-acknowledged incidents
comments: Tags:
Address(Location) which occurred in:
Flex Id between: and Beat(s):
CAD ID: District(s):

and in coverage area(s)
OaklandCA
click to choose from full list ↓

Search

Search Results

M 131491
(Customer Visible)

Source: **OaklandCA**
Details: **11 ROUNDS**
Rounds: **11**
Address: **7888 Alder St**
District: **East**
Beat: **30X**
Latitude: **37.757998**
Longitude: **-122.180819**
CAD ID: **140802000088**
Date/Time **8/2/14 1:36:09 AM -07:00**

Audio available from 8 Senso
801ft Closest 16.4mi Further

66 821ft
52 0.4mi

shotspotter\lgrant Aug 2 01:36:30
Published
shotspotter\lgrant Aug 2 01:36:37
Change number of shots from 10 to 11

Click to chat with SST about this incident
Click to print an incident report

Map: Road Aerial Bird's eye Labels Zoom To Sensors Incident M
Lookup: Address Measure: Line Circle Clear
bing
100 Feet
© 2014 Microsoft Corporation © 2010 NAVTEQ © AND

Logged in as psarna@shotspotter.com Logout Help About Click to chat with SST
Connected version 2014.1.0.30006 @ us4



Real Time Alerts for First Responders when Seconds Count

During an attack, critical time is lost as campus personnel try to establish the nature of the attack. Under attack or engaged in protective actions, they are unable to call 9-1-1.

SecureCampus reliably alerts first responders to gunfire incidents in seconds, and gives precise location of active shooters.



Protecting Critical Infrastructure

- Layered perimeter defense includes acoustic gunshot detection.
- A few fence- or pole-mounted collaborative, networked sensors create a dome of security.
- ShotSpotter instantly detects incoming gunfire and immediately notifies first responders, i.e. security operations personnel and local law enforcement.
- 360-degree detection of gunfire up to 500 meters away.



Deployable Anywhere—Custom Solutions

- ShotSpotter is capable of providing real-time gunshot detection and location services in any environment.
- Currently deployed in The Kruger National Park, South Africa, SST has joined the effort to mitigate rhino poaching by instantly alerting authorities to gunshot incidents.

Leveraging ‘Big Data’ in Public Policy

A “Launch Pad” for Others’ Work



- SST, Inc. holds the most comprehensive, detailed and accurate data available on actual gunfire activity in the U.S.
- We partner with researchers concerned with various social and public health challenges such as childhood PTSD, school safety, educational outcomes and police legitimacy.

Company Information

Founded	1996
Ownership	Private
HQ	Newark, CA
Employees	65
Products	ShotSpotter Flex, ShotSpotter SiteSecure, SST SecureCampus
Deployments	85+ in U.S., Central America and South America
Coverage	298 Square Miles
Patents	32 Foreign & Domestic, plus several pending

ShotSpotter in the World

Amityville, NY	East Palo Alto, CA	Oakland, CA	San Pablo, CA
Atlantic City, NJ	Everett, MA	Omaha, NE	South Bend, IN
Baton Rouge, LA	Fall River, MA	Paterson, NJ	Springfield, MA
Bayamón, PR	Freeport, NY	Peoria, IL	St. Louis, MO
Bell Gardens, CA	Glendale, AZ	Plainfield, NJ	Stockton, CA
Belle Glade, FL	Gretna, LA	Prince George's County, MD	Suffolk County, NY
Bellport, NY	Hartford, CT	Quincy, WA	Trujillo Alto, PR
Birmingham, AL	Hempstead, NY	Redwood City, CA	Uniondale, NY
Boston, MA	Huntington Station, NY	Revere, MA	Washington, DC
Brentwood, NY	Jefferson Parish, LA	Richmond, CA	Wilmington, DE
Brockton, MA	Kansas City, MO	Riviera Beach, FL	Wilmington, NC
Cambridge, MA	Los Angeles, CA	Rochester, NY	Worcester, MA
Camden, NJ	Miami Gardens, FL	Rocky Mount, NC	Wyandanch, NY
Canton, OH	Miami, FL	Roosevelt, NY	Yonkers, NY
Charlotte, NC	Milwaukee, WI	Savannah, GA	Youngstown, OH
Chelsea, MA	Minneapolis, MN	Somerville, MA	
Chicago, IL	Montgomery, AL	St. Croix, USVI	
Detroit, MI	New Bedford, MA	St. Thomas, USVI	
East Chicago, IL	New Haven, CT	San Francisco, CA	
East Orange, NJ	Newark, NJ	San Juan, PR	

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