

Overman, Jason

From: Overman, Jason
Sent: Thursday, March 27, 2014 2:06 PM
To: Chan, Ada
Cc: Jones, Andre
Subject: Fwd: ShotSpotter expansion proposal
Attachments: ShotSpotter Flex Proposal (1yr2.78sm) OAKCAB03262014(2).pdf; ATT18082908.htm; image001.png; ATT18082910.htm; image002.png; ATT18082912.htm; image003.png; ATT18082914.htm; image004.png; ATT18082916.htm; image005.png; ATT18082918.htm; image006.png; ATT18082920.htm

FYI they have also submitted to Admin

Jason Overman
Communications Director
Office of Council President Pro Tem Rebecca D. Kaplan
City of Oakland
o | 510-238-7082
e | JOverman@oaklandnet.com

Begin forwarded message:

From: "Joe Hawkins" <jhawkins@shotspotter.com>
To: "rkaplan@oaklandnet.com" <rkaplan@oaklandnet.com>, "joverman@oaklandnet.com" <joverman@oaklandnet.com>
Subject: ShotSpotter expansion proposal

Council President Pro Tem Kaplan,

On behalf of Ralph Clark, James Beldock and myself, I would like to thank you for the time and energy you have spent with us over the past couple weeks and, in fact, for the past several years supporting the ShotSpotter program in Oakland. In our meeting last Thursday, you asked what it would take to expand ShotSpotter into downtown Oakland as well as the Maxwell Park and Cleveland Heights neighborhoods. Our proposal for the expansion is attached.

Please don't hesitate to contact me if you have any questions. We look forward to continuing our strong relationship with the City of Oakland and are proud to serve you in the fight against gun violence.

Sincerely,
Joe

[SST_logo] <<http://www.sst-inc.com/>>

Joe Hawkins
Senior Vice President, Operations
Tel.510.794.3155 / Cel.415.254.4764 / Fax.650.887.2106
jhawkins@shotspotter.com <<mailto:jhawkins@shotspotter.com>>

[twitter]<<http://twitter.com/#!/shotspotter>> [facebook]
<<http://www.facebook.com/SHOTSPOTTER>> [linkedin]
<<http://www.linkedin.com/company/shotspotter-inc.>> [youtube]
<<http://www.youtube.com/user/shotspotter>>

Corporate Headquarters
7979 Gateway Blvd, Suite 210
Newark, CA 94560

[shotspotter_logo_small] The Fight to Stop Gun Violence Starts with ShotSpotter

Overman, Jason

From: Overman, Jason
Sent: Wednesday, March 26, 2014 2:20 PM
To: Chan, Ada
Subject: FW: RK News Clips - 3/26/14

FYI

Jason Overman · Communications Director
Office of Council President Pro Tem Rebecca D. Kaplan
City of Oakland
1 Frank H. Ogawa Plaza, Suite 243 · Oakland, CA 94612
(o) 510-238-7008 · (d) 510-238-7082 · (e) joverman@oaklandnet.com

From: Ralph A. Clark [<mailto:rclark@shotspotter.com>]
Sent: Wednesday, March 26, 2014 2:19 PM
To: Overman, Jason; Joe Hawkins; James G. Beldock
Cc: David Chipman
Subject: RE: RK News Clips - 3/26/14

Thanks.

Our SVP of Public Safety Solutions met with the Chief today who expressed his support for the ShotSpotter program and his desire to have the City Council support the budget requirements of continuing the ShotSpotter program. Very positive meeting I was told.

Ralph

From: Overman, Jason <JOverman@oaklandnet.com>
Sent: Wednesday, March 26, 2014 1:35 PM
To: Joe Hawkins; James G. Beldock; Ralph A. Clark
Subject: FW: RK News Clips - 3/26/14

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March 26, 2014

Oakland council members defend ShotSpotter; mayor says service not in jeopardy

By Matthew Artz
Oakland Tribune

Councilwoman Rebecca Kaplan, who may run against Mayor Jean Quan this November, co-authored a sharply worded letter to the mayor Tuesday urging her not defund the city's popular gunshot detection system.

The letter from **Kaplan** and Councilman Larry Reid warns Quan that they will vote against any revised budget plan this June that eliminates funding for ShotSpotter.

Quan's spokesman, Sean Maher, said the council members had nothing to fear.

"The mayor is supportive of ShotSpotter and has no plans to cut funding to it," he said.

While the city's \$348,000-a-year contract for the service expires at the end of August, Maher said interim Chief Sean Whent will seek to renew it.

Concern over the system's future began earlier this month when Whent told the council that keeping it was "not at the top of my priority list."

Police also would like money to restore their helicopter program, which costs more than \$500,000 a year.

The council approved spending additional funds two years ago to expand ShotSpotter and ensure that it functions properly despite Police Department staffing shortages.

Kaplan and Reid wrote that in one section of town ShotSpotter recorded 400 incidents of gunfire in one year, while police received only 65 calls reporting gunfire in the same area.

They also noted that the city's police force "is significantly smaller than the level funded and authorized by the Oakland City Council."

The department is down to 612 officers -- just three above a 20-year staffing low. However, 47 trainees are scheduled to graduate from Oakland's police academy next week and join the force.

http://www.insidebayarea.com/news/ci_25419932/oakland-council-members-defend-shotspotter-mayor-says-service

###

Overman, Jason

From: Overman, Jason
Sent: Friday, March 21, 2014 3:54 PM
To: 'Joe Hawkins'
Subject: RE: PowerPoint

Thanks!

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From: Joe Hawkins [<mailto:jhawkins@shotspotter.com>]
Sent: Friday, March 21, 2014 3:52 PM
To: Overman, Jason
Subject: RE: PowerPoint

0.75 square mile.

From: Overman, Jason [<mailto:JOverman@oaklandnet.com>]
Sent: Friday, March 21, 2014 3:48 PM
To: Joe Hawkins
Subject: RE: PowerPoint

For the 911 disconnect map, what did you say was the square mileage covered by that map?

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From: Joe Hawkins [<mailto:jhawkins@shotspotter.com>]
Sent: Friday, March 21, 2014 2:07 PM
To: Overman, Jason
Cc: James G. Beldock; Ralph A. Clark
Subject: RE: PowerPoint

Here are two PDF's: one the entire deck and one just the two page comparison on 911. Hope this helps!
Joe



Joe Hawkins
Senior Vice President, Operations
Tel.510.794.3155 / Cel.415.254.4764 / Fax.650.887.2106
jhawkins@shotspotter.com



 **ShotSpotter** The Fight to Stop Gun Violence Starts with ShotSpotter

From: Overman, Jason [<mailto:JOverman@oaklandnet.com>]
Sent: Friday, March 21, 2014 1:42 PM
To: Joe Hawkins
Cc: James G. Beldock; Ralph A. Clark
Subject: RE: PowerPoint

Thanks! Happen to have it as a PDF instead? And/or just the SSAs vs. 911 calls as a PDF one-pager? Thanks!

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From: Joe Hawkins [<mailto:jhawkins@shotspotter.com>]
Sent: Friday, March 21, 2014 1:39 PM
To: Overman, Jason
Cc: James G. Beldock; Ralph A. Clark
Subject: RE: PowerPoint

Jason,

Attached please find the deck we went over with you and Council President Pro Tem Kaplan yesterday. It was good meeting you; thanks again very much for your time and support.


Regards,
Joe



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Senior Vice President, Operations
Tel. 510.794.3155 / Cel. 415.254.4764 / Fax. 650.887.2106
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 **ShotSpotter**® The Fight to Stop Gun Violence Starts with ShotSpotter

From: Overman, Jason <JOverman@oaklandnet.com>
Sent: Friday, March 21, 2014 12:37 PM
To: Ralph A. Clark
Subject: PowerPoint

Can you have your staff send me that power point document at your earliest convenience?

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From: Joe Hawkins <jhawkins@shotspotter.com>
Sent: Friday, March 21, 2014 3:13 PM
To: Overman, Jason
Cc: James G. Beldock; Ralph A. Clark
Subject: RE: PowerPoint

Oakland first purchased the ShotSpotter 1.0 system in 2006. Converted to the ShotSpotter Flex managed service (subscription model) in November 2011. Second page of the full deck covers ShotSpotter history in Oakland.

Joe



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From: Overman, Jason [<mailto:JOverman@oaklandnet.com>]
Sent: Friday, March 21, 2014 2:43 PM
To: Joe Hawkins
Cc: James G. Beldock; Ralph A. Clark
Subject: RE: PowerPoint

What year did we first begin contracting with you?

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Subject: RE: PowerPoint

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Overman, Jason

From: Ralph A. Clark <rclark@shotspotter.com>
Sent: Wednesday, March 19, 2014 1:50 PM
To: Overman, Jason
Cc: James G. Beldock; Michele Puente
Subject: RE: Meeting with Councilmember Kaplan

Awesome. Confirmed here and it will be myself and one other person.

Ralph

From: Overman, Jason <JOverman@oaklandnet.com>
Sent: Wednesday, March 19, 2014 1:19 PM
To: Ralph A. Clark
Cc: Chan, Ada; Michele Puente; James G. Beldock; Joe Hawkins
Subject: RE: Meeting with Councilmember Kaplan

Ralph,

2:45 tomorrow in our office is confirmed. Will you bring anyone with you? I need to know if I need a larger room.

And what's your cell?

Thanks!

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From: Ralph A. Clark [mailto:rclark@shotspotter.com]
Sent: Tuesday, March 18, 2014 9:44 PM
To: Overman, Jason
Cc: Chan, Ada; Michele Puente; James G. Beldock; Joe Hawkins
Subject: Re: Meeting with Councilmember Kaplan

Yes free at 2:45 and can do Monday or Tuesday as well. Whatever is easiest for you.

Sent from my iPhone

On Mar 18, 2014, at 9:40 PM, "Overman, Jason" <JOverman@oaklandnet.com> wrote:

Are you free at 2:45pm? Would Monday or Tuesday be an option, as well? If so, what times?

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To: Overman, Jason

Cc: Chan, Ada; Michele Puente; James G. Beldock; Joe Hawkins
Subject: RE: Meeting with Councilmember Kaplan

Hi Jason-

Thursday afternoon would be great!

Looking forward to seeing you and Council President Pro Tem then.

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From: Overman, Jason <JOverman@oaklandnet.com>
Sent: Tuesday, March 18, 2014 8:03 PM
To: Ralph A. Clark
Cc: Chan, Ada
Subject: Meeting with Councilmember Kaplan

Ralph,

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Council President Pro Tem Kaplan would really appreciate the opportunity to sit down with you and discuss the service you all have provided to the city.

What is your schedule on Thursday afternoon, Monday afternoon and Tuesday afternoon to meet with her in City Hall?

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Categories: Scheduling

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ShotSpotter Summary

Oakland, CA

Tuesday, March 18, 2014

ShotSpotter History in Oakland

ShotSpotter 1.0

- Oakland's original ShotSpotter went live in 2006
 - Purchased hardware and software as a turnkey system, managed entirely by OPD
 - Total coverage area was 6.2 square miles
 - No Reviewed Alerts
- ShotSpotter maintenance contract lapses in 2009

ShotSpotter 2.0

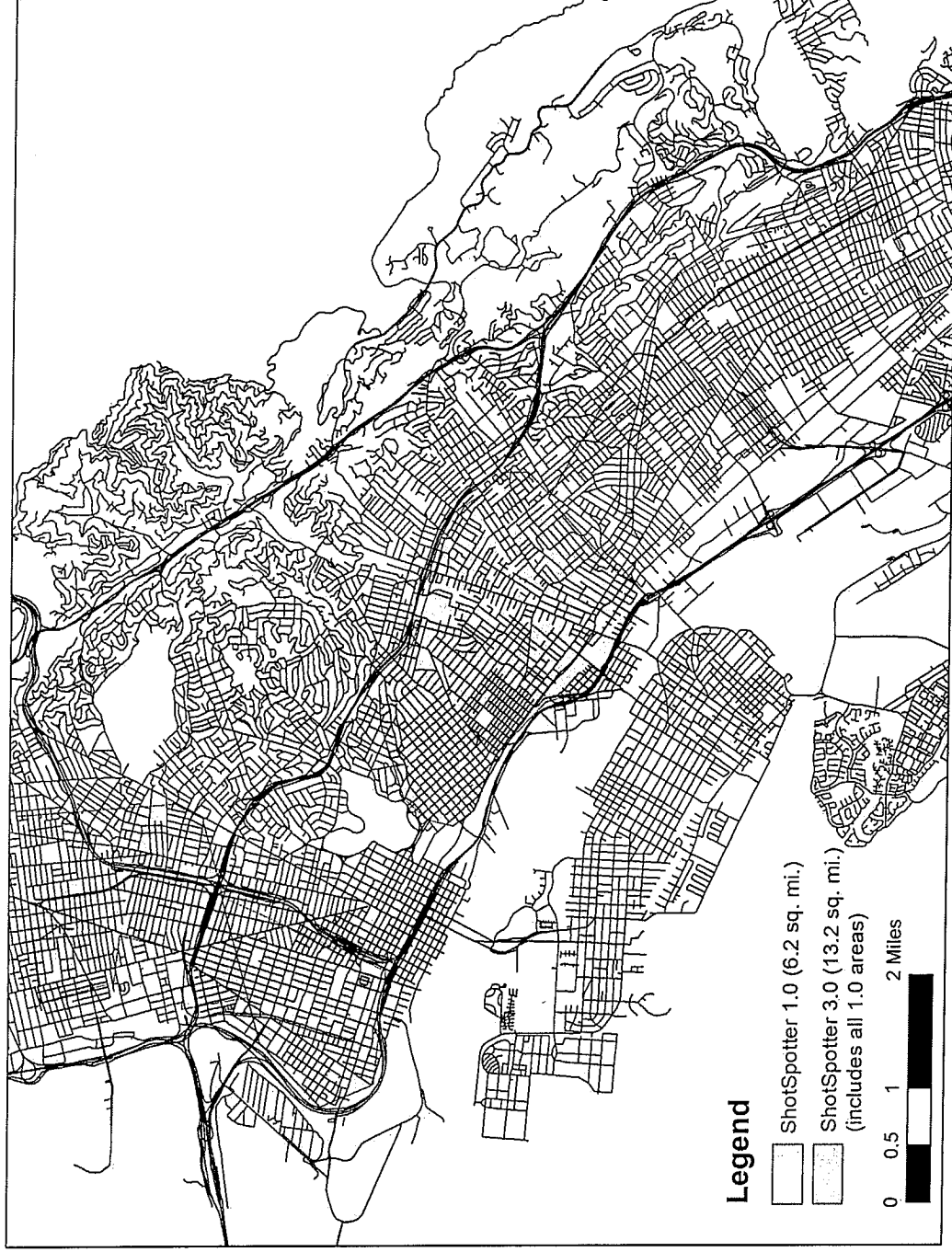
- ShotSpotter Flex™ conversion (managed service) and program restart in November 2011
 - Filled in original sensor array to improve detection
 - Reviewed Alerts dramatically reduced dispatcher workload
 - ATF Surge supported by ShotSpotter data

ShotSpotter 3.0

- Coverage area doubles to 13.3 square miles in April 2013
 - Partnered with Oakland Housing Authority
 - All new hardware owned and operated by SST
 - Data integrated with OPD's data analysis environments

Oakland ShotSpotter Coverage Area

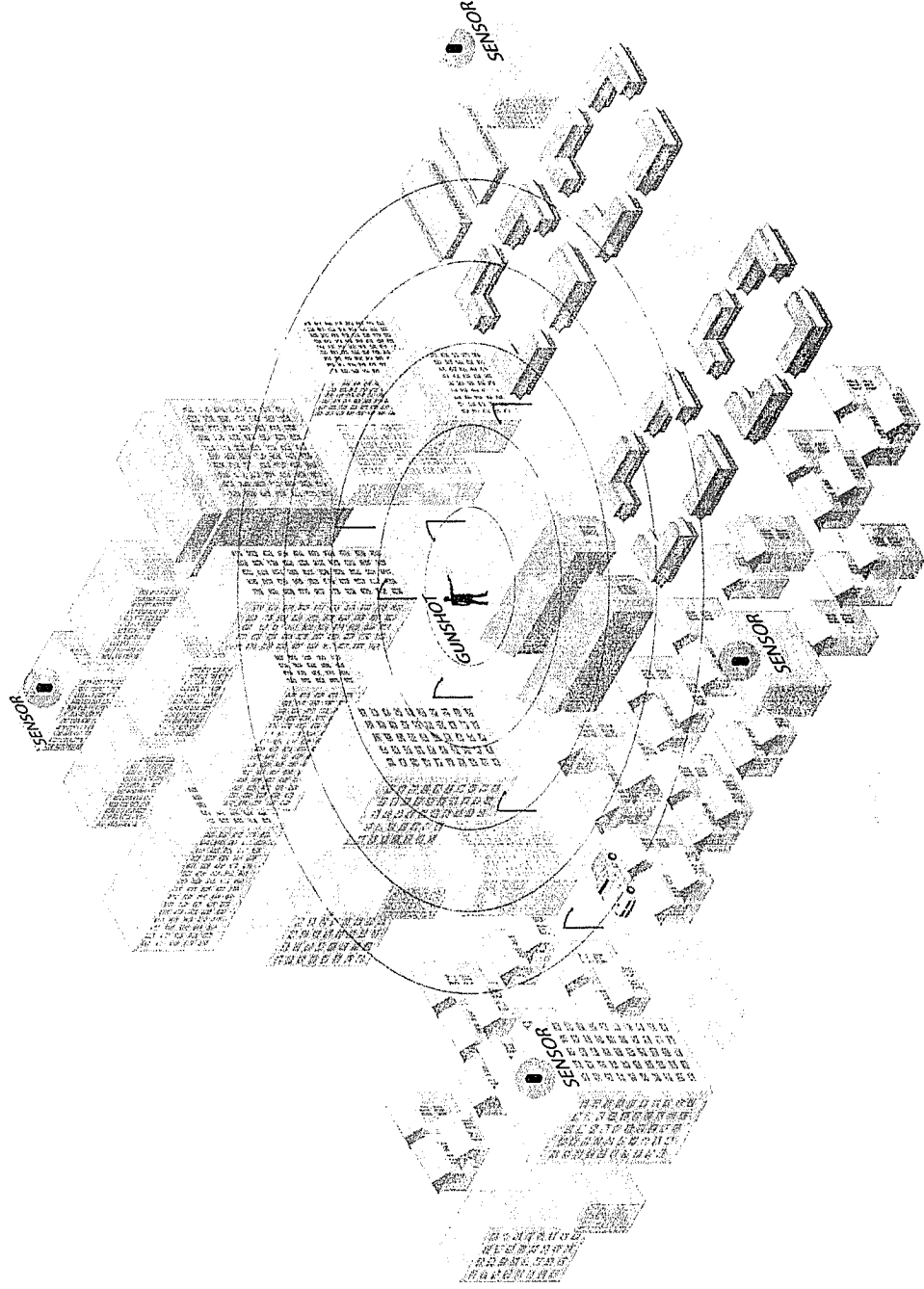
- 13.2 sq. mi.
- 25% of City



- Expanded coverage operational Apr. 2013



How ShotSpotter Works



SST Company Confidential Copyright © 2014

SSTTM

How ShotSpotter Works

The screenshot displays the ShotSpotter Flex Alerts web interface. At the top, a navigation bar includes a 'List' icon, a 'Search' bar with the text 'SHOTS FIRED at 1053 MYRTLE ST', and a 'Road Aerial Zoom To Incident' button. The main content area is divided into two sections. The left section, titled 'Incident 7687', lists the following details: Flex ID: 7687, District: CAD ID: [redacted], Beat: Beat 3, Latitude: 31° 16' 16.87", Longitude: -118° 19' 26", and Audio: [redacted]. Below this information is a button labeled 'Click to chat with SST about this incident'. The right section, titled '7 ROUNDS', shows a map view with a red dot indicating the incident location. A legend indicates that the red dot represents 'play audio from sensor 251ft away'. A button labeled 'switch to 0.5mi away' is also present. The bottom of the interface features a 'Logged in as' section with a user icon and the text '(using Alert-Mobile view)', a 'Logout' button, and a 'Help About' link. The top right corner shows a 'Connected' status with the timestamp '2012.11.20 8:12'.

- Qualified gunfire incident alerts sent directly to 911 dispatch and mobile units in police cars at the same time
- Includes precise location information, including street address, number of rounds fired, map images and other data

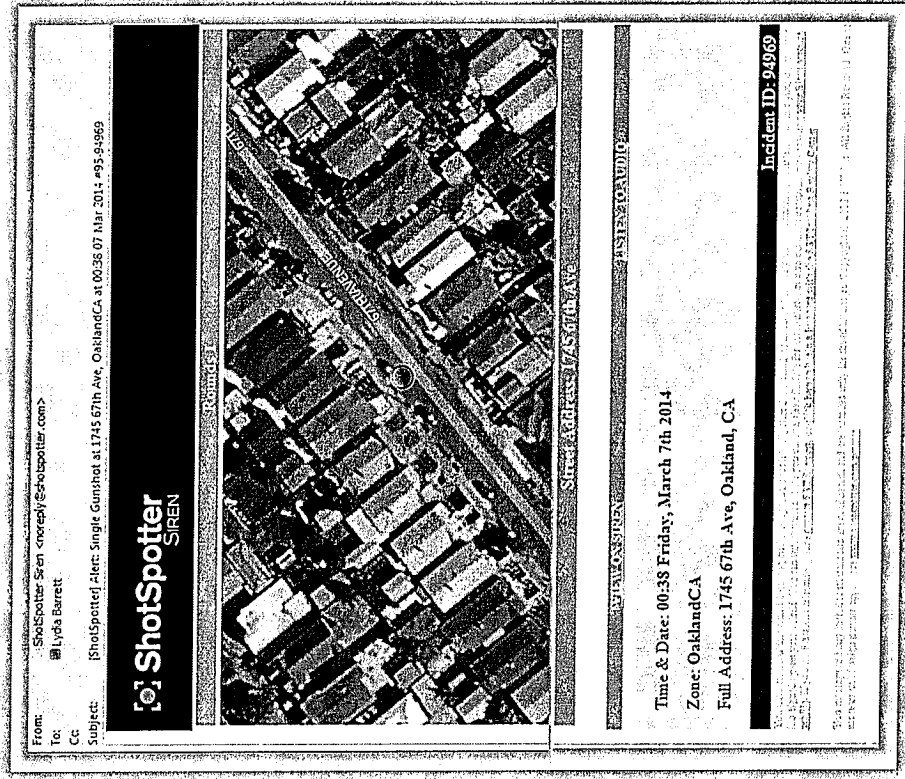


ShotSpotter Siren Adds Immediate Awareness

ShotSpotter Siren enables users to view ShotSpotter incidents in detail via email or on the web from anywhere and on virtually any device. Users can now be notified of ShotSpotter incidents no matter where they are using their Smartphone, PDA, tablet, laptop or desktop computer.

Key features include:

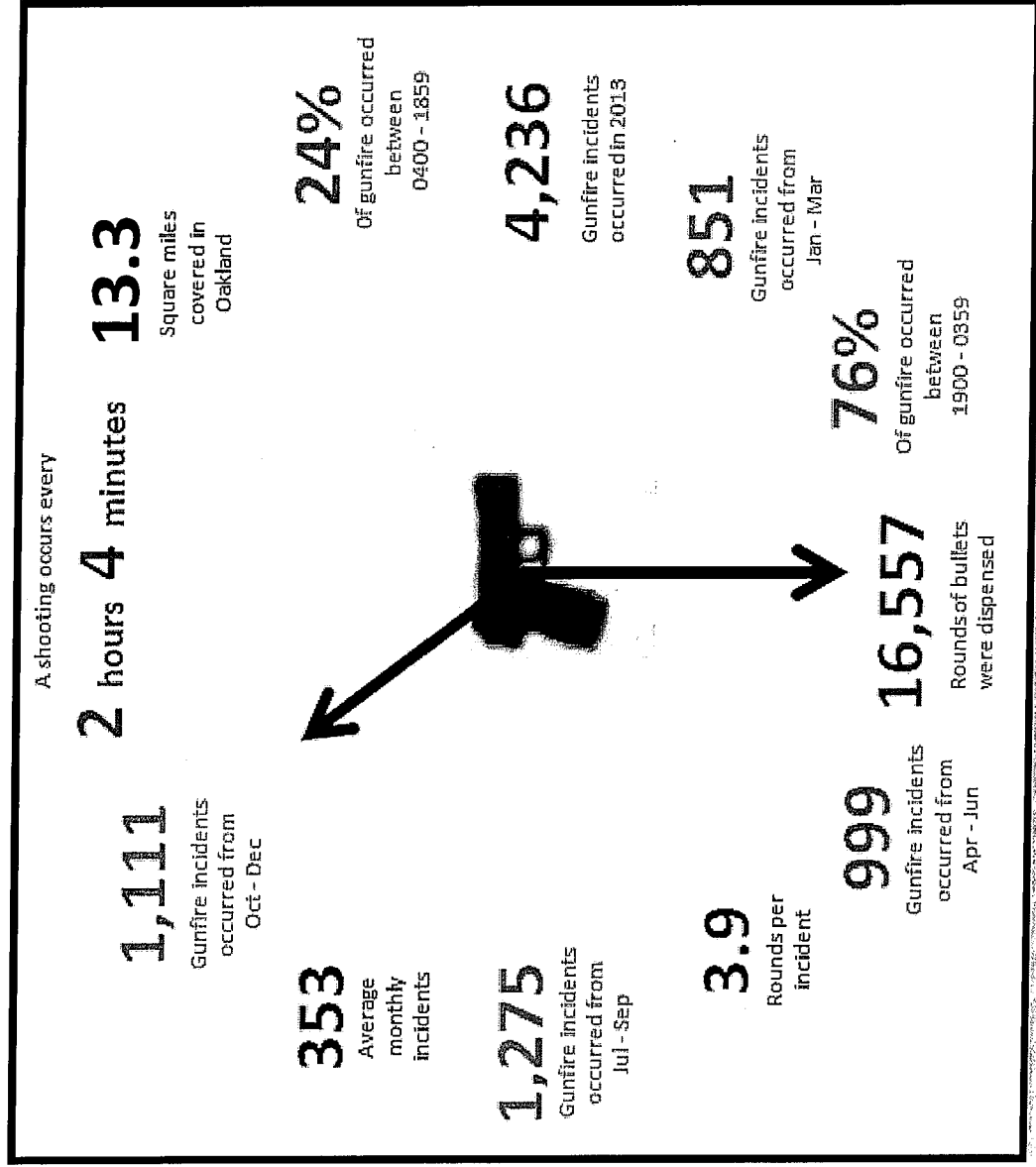
- Audio playback of gunshot audio for each incident
- Self-service web portal for managing the user's unique profile and email preferences
- User-friendly Dashboard containing "Live Feed" of all ShotSpotter activity
- Ability to view the life of an incident from the trigger moment on
- Alerting schedules customized and even down to the hour
- Alerts can be filtered by geographic regions
- Quick overview of all ShotSpotter activity over time periods
- Easy searching for past incidents
- Related information, such as media articles, Support Chats or incident history



A Word About Privacy

- ShotSpotter only triggers on **loud, explosive** events
- When an incident is detected and located, audio is pushed from sensor(s)
 - There is NO live audio streaming capability
- From our 5,000,000+ gunshot incidents in the past decade, audio from only TWO incidents contained intelligible human voices
 - In both cases, the words heard were shouted loudly in the middle of a public street at the exact moment and location of the gunfire incidents
- In 2011, ShotSpotter reviewed its privacy policy and took steps to assure that **no audio other than an incident itself** would be retained
 - Incident audio includes 2 seconds prior to and 4 seconds after the incident
 - Sensor buffer is limited and continuously overwritten
- These policies and design are intentional to alleviate privacy concerns

2013 – Gun Crime Activity



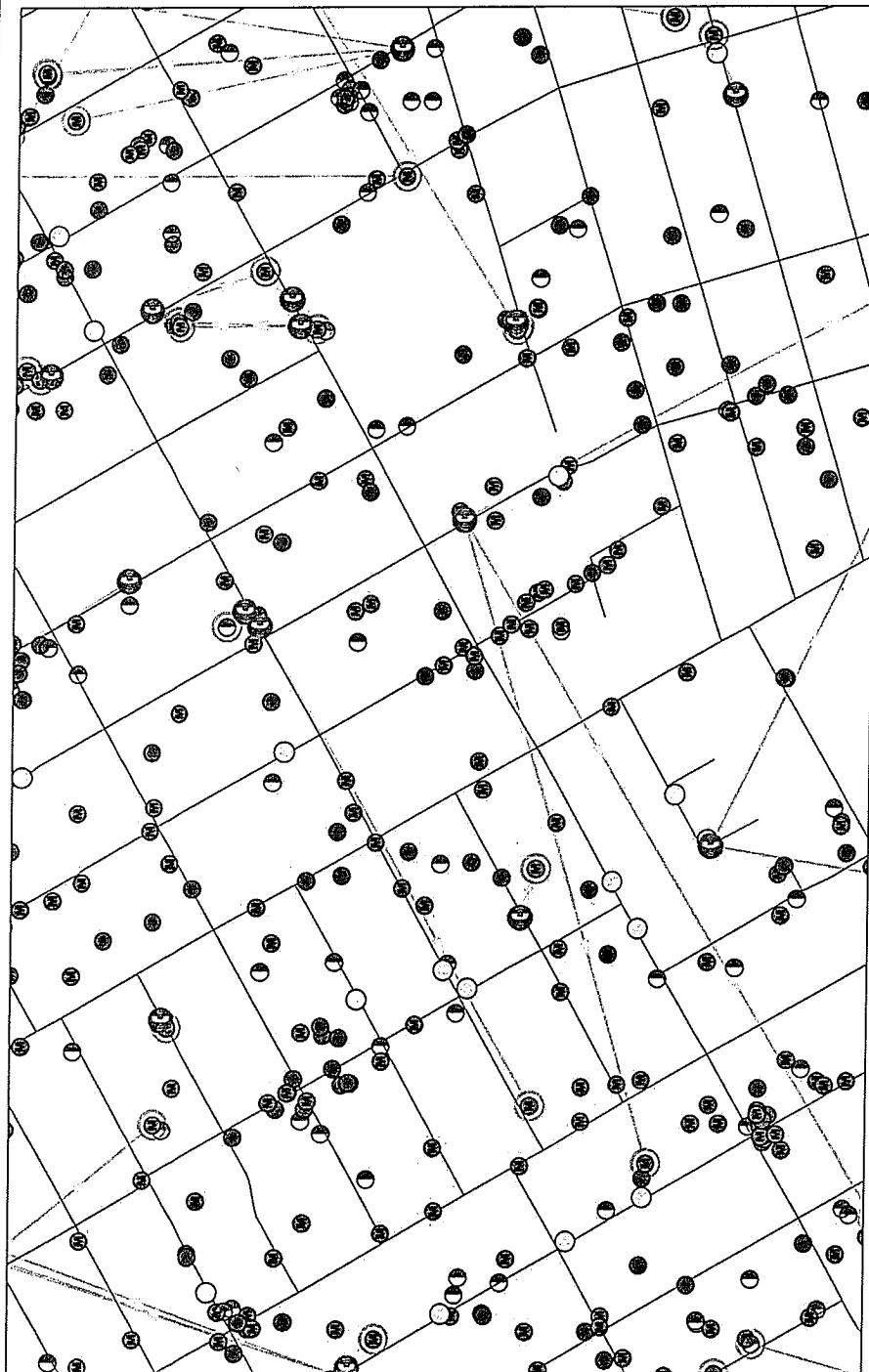
Every **2 hours and 4 minutes** a gun is fired in Oakland.

Approximately **4 rounds** are fired in each gunfire incident.

In 2013, a total of **16,557 rounds** of gunfire were dispensed throughout the streets of Oakland.



The 9-1-1 Disconnect



9-1-1 Calls: Shots Fired (65)

○ Uncorroborated 9-1-1 Shots Fired call (33)

● Confirmed 9-1-1 Shots Fired call (32)

ShotSpotter Gunfire Detection (400)

● Single Gunshot (129)

● Multiple Gunshots (196)

● Possible Gunshot (75)

1.03142014

The 9-1-1 Disconnect: 2013 Data

9-1-1

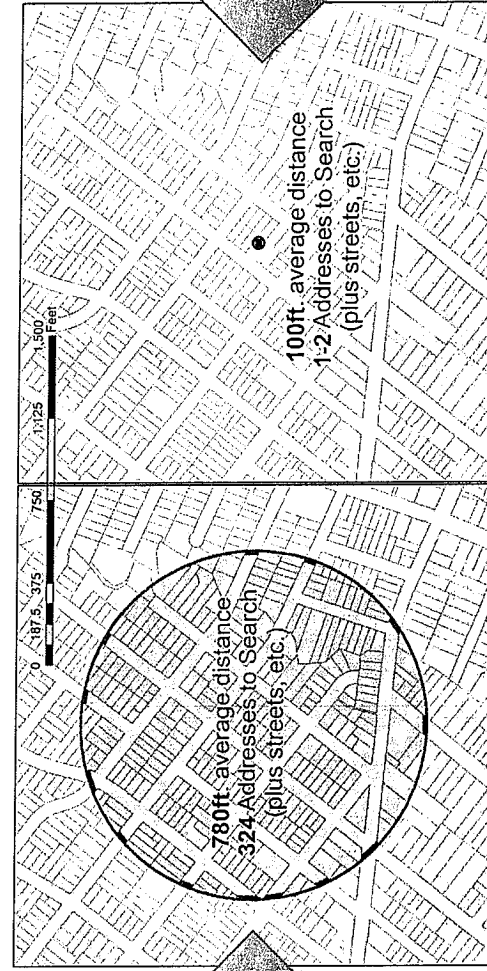
ShotSpotter

	City-Wide	Usable*	ShotSpotter
Incidents	4,118	554	4,243
Area	Entire City	25% of the City	25% of the City

% of Incidents n/a **13.1%** > 98%

Accuracy (average) n/a **780 feet** ~30 feet

Delay n/a 4 minutes ~30 seconds



9-1-1 Caller
(only 13% of incidents)

ShotSpotter
(> 98% of incidents)

"usable 9-1-1 call" is within 1/2 mile and 30 minutes
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Proactive & Responsive Gunfire Data Use

A Sampling of Successful Responses by OPD

- PD dispatched to precise location on ShotSpotter alert
- First 911 calls begin 4 minutes after ShotSpotter alert
- One homicide victim
- One suspect taken into custody after foot chase
- Monday, Feb. 10, 2014; 09:45:30 p.m.
- 4118 Telegraph Ave., Oakland

SST™
WORLD LEADER IN GUNSHOT DETECTION

SST™
ShotSpotter®
FLEX™

SST Flex ID#: 94209

Created Date: 2/10/2014

Result: Gunfire Verified

Time to Dispatch (in mins.): 3

Incident Details: Physical evidence captured; ShotSpotter mentioned on radio; Suspected detained/arrested

Notes: 2148 - PD dispatched to 1438 88th Ave on a SS activation

2151 - Possible suspect vehicle is grey in color, seen by CHP in the area.
2152 - Residents calling in reporting shots fired in the area. Resident at 1458 88th Ave reporting 2 males armed with a gun are in her back yard.
2153 - PD on scene. Initiating a "loose" perimeter on International/Holly/89th

2156 - PD establishing a full perimeter on International/88th/Holly/89th
2158 - possible female with gunshot wound, unresponsive. Medical enroute

2158 - Units blocking all traffic in the area

2201 - Units speaking to resident at 1458 88th Ave

2202 - Unknown location of suspects- they are no longer in the back yard of 1458 88th Ave

2204 - Requesting air support- PD thinks suspects may still be in a neighboring back yard- Requesting all officers to stay out of back yards for the time being

2205 - suspect #1 - last seen wearing white shirt, khaki pants, approx. 5' 9" suspect #2 - last seen wearing dark skull cap, dark puffy jacket and blue jeans

2213 - CHP's helicopter advised they are unable to respond due to the weather. PD calling East Bay regional to see if their helo can respond.

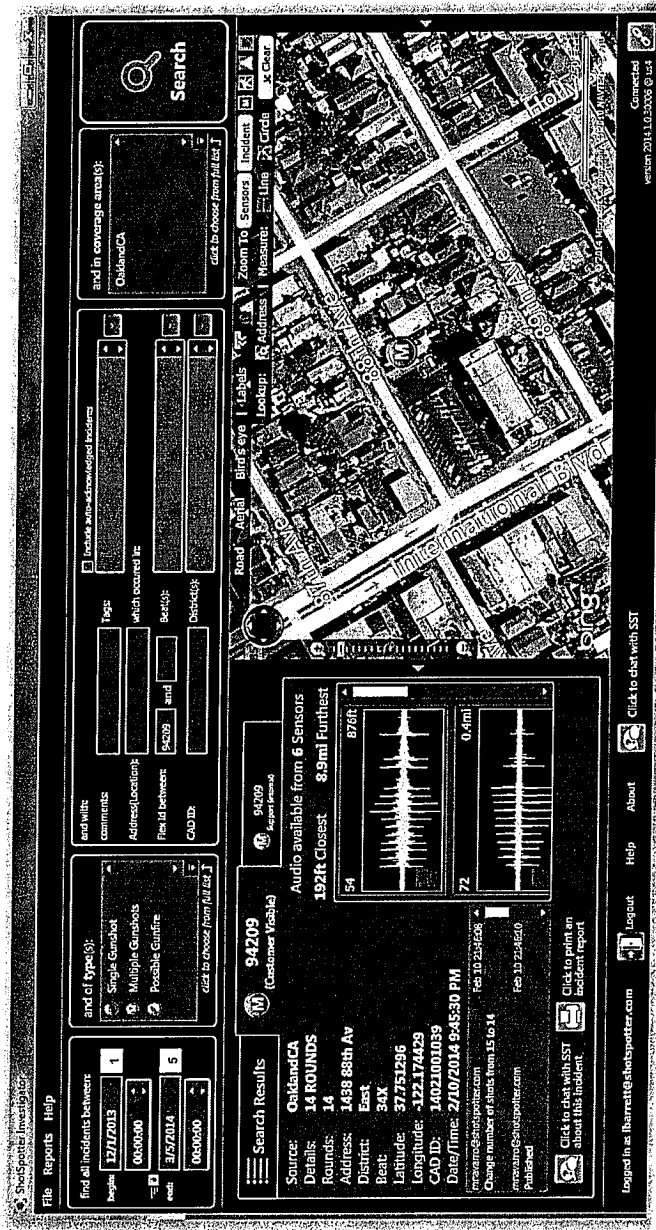
2215 - second SS activation #94210 approx. 5 blocks away.

2215 - PD requesting a K9

2217 - No air support available

2217 - Unit in foot pursuit of suspects- SB 76th Ave south of MacArthur-1
SUSPECT IN CUSTODY

2227 - Dispatch confirmed this is a homicide



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Proactive & Responsive Gunfire Data Use

A Sampling of Successful Responses by OPD

- Victim and gun recovered
- One suspect in custody
- Tuesday, March 4, 2014; 12:07:36 p.m.
- 4118 Telegraph Ave., Oakland



WORLD LEADER IN GUNSHOT DETECTION

SST Flex ID#: 94-880
 Created Date: 3/4/2014
 Result: Gunfire Verified
 Time to Dispatch (in mins.): 0
 Incident Details: Physical evidence captured; ShotSpotter mentioned on radio;
 Suspected detained/arrested; Firearm(s) confiscated

Notes: vehicle description 40th towards Bart American model sedan green in color is possible shooter vehicle
 -citizen WB 41st then on 41
 -BM running on the freeway unknown if related
 -WM on 42nd white t shirt
 -school unit get a better description from the person on the corner
 -BM teen black w/ backpack white shirt dark jeans under the freeway
 -witness's description the same, put back pack near a red mini van here
 -green Chevy lumina
 -guy that was running we have
 -vehicle outstanding in green Chevy lumina
 -if that guy is not injured put him in handcuffs
 -school lock down at Oakland Tech
 -probable gun in his backpack
 -F36 can you id this guy
 -Telegraph and MLK is where we got this guy
 -4118 Telegraph is where ShotSpotter came in, 10 shots, units checking area for original scene
 -F1 sub detained, there should be a gun in his backpack near the red van
 -31, have the backpack near the van, find
 -4HU or 4HIU partial plate on Chevy
 -unit on scene 42/Tel checking are
 -1171 any casing from original location, 6 and F42 go to 41/Tel to look
 -119 is it secure for medical. continue to stage having someone evaluate. no injuries, more for 5150
 -1224 start a tech this way for some photo's at 42nd/under the freeway
 -witness advising shooting occurred at 41st and Telegraph (same as our location)
 -1227 Let Tech and Emmerson can go back to normal (release the lock down)
 -unit is out with the victim
 -can release medical
 -No casings found so far
 -gun we have here is a revolver (with the victim)
 -any spent rounds in it? Checking now.

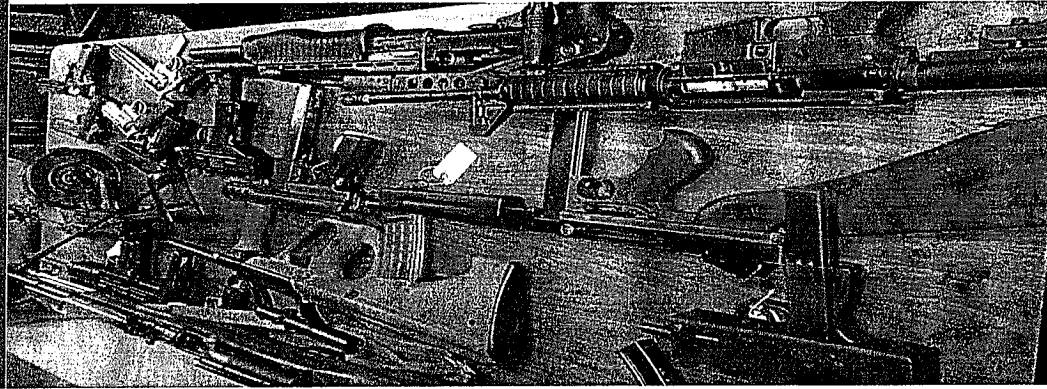
Radio silence.....



The screenshot displays the ShotSpotter web application interface. At the top, there's a search bar and a map showing the incident location in Oakland, CA. The main panel shows search results for incident 94880, which occurred on 3/4/2014 at 12:07:36 PM at 4118 Telegraph Ave. The interface includes fields for incident details, a list of nearby sensors, and a map view. The bottom section shows the incident details, including the date, time, and location. The map view shows the incident location and surrounding streets.

Oakland Police

ShotSpotter Alert Helps Prevent Future Crimes & Confiscates Firearms

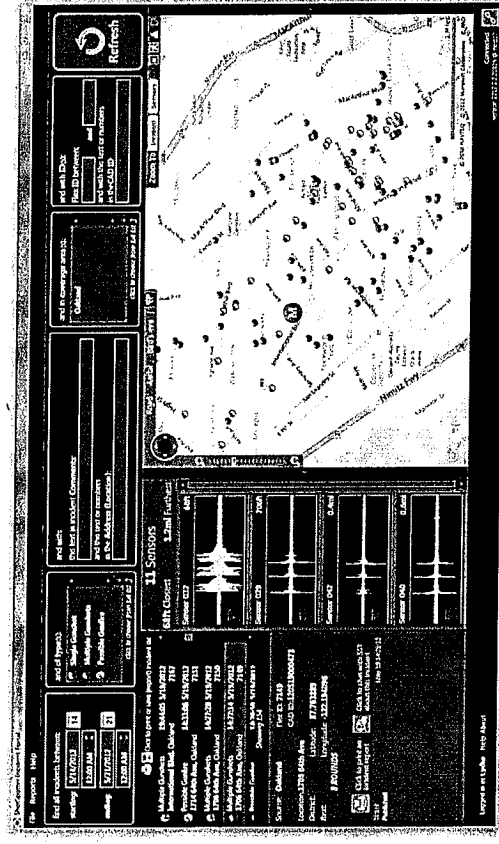


Oakland Police Department

Incident :
ShotSpotter Alert for
Multiple Shots Fired

05-19-12@ 14:27:14 at 1706 64th Ave.,
Oakland, CA

- Police respond to precise street address on ShotSpotter alert
- Earliest 911 call to the incident was 15 minutes later – long after police were already on the scene from ShotSpotter alert
- Shell casings located at exact location on side of house indicated from ShotSpotter alert
- Suspects apprehended – one in house; one fleeing
- 2 weapons confiscated – one hidden in wall inside house – and arrests made
- More than 340 illegal firearms taken off the streets in just the last several months



ShotSpotter Forensic Reports

Providing Evidence to Support Criminal Cases

- Since 2006, ShotSpotter has completed 70 Detailed Forensic Reports (DFR) for Oakland PD
- In 2013 alone, ShotSpotter completed 17 DFRs for Oakland PD
- DFRs provide law enforcement and criminal justice professionals with detailed audio and incident analysis
- DFRs contain court-admissible evidence and are used frequently in court cases and prosecutions
- ShotSpotter has also provided expert testimony to review details of the reports and technical expertise on ShotSpotter technology

The image displays three sample Detailed Forensic Reports (DFRs) from ShotSpotter, arranged in a grid. Each report includes a header with the ShotSpotter logo, case information, and a detailed analysis section.

- Top Left Report:** Titled "Shooting Description", it details an incident on December 1, 2013, at 2:14 PM. It includes a map of the incident location and a table of shooting data.
- Top Right Report:** Titled "Incident Time", it details an incident on December 1, 2013, at 2:14 PM. It includes a map of the incident location and a table of shooting data.
- Bottom Report:** Titled "Acoustics", it details an incident on December 1, 2013, at 2:14 PM. It includes a map of the incident location and a table of shooting data.

Conclusion

- ShotSpotter is a proven game changer in fighting gun crime.
 - San Francisco, Richmond, San Pablo, East Palo Alto, Stockton
- Strong community support, especially from most impacted communities.
- Essential officer safety tool – OPD officers regularly ask Dispatch if gunshot report is from ShotSpotter
- Complete and accurate gunfire data is otherwise unavailable anywhere.
- ShotSpotter data most critically needed during peak gun crime activity levels in the summer months and when school not in session.
- Critical opportunities:
 - Ceasefire and group violence reduction integration