



# City of Milwaukee Public Safety Committee

## Meeting SST Update

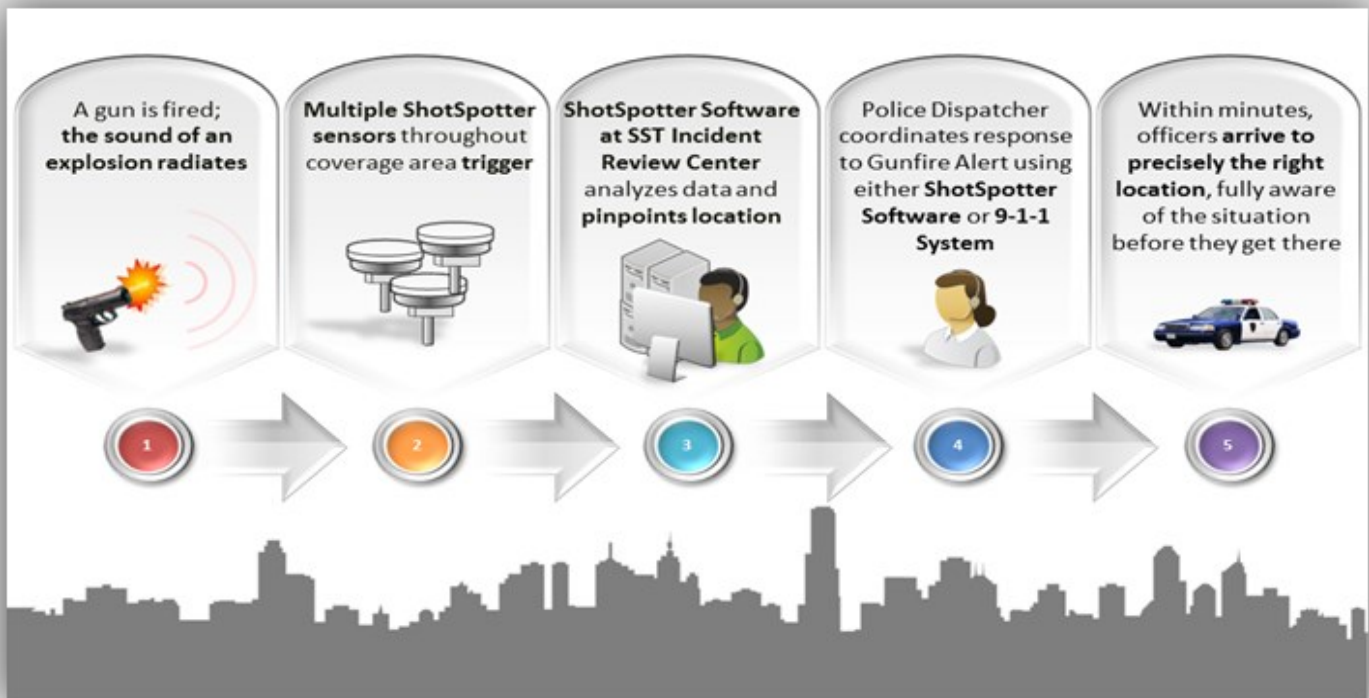
11/13/2014

With fewer than 1 in 5 shooting incidents reported to 9-1-1, gun crime is vastly underreported. When 9-1-1 calls are made, unfortunately the information provided is typically inaccurate. Without knowing exactly where to respond, police waste valuable time and resources driving block by block looking for evidence as criminals escape the scene. Dispatching officers to an active shooting without all available intelligence is a threat to officer safety and needlessly places the public at risk.



In 2011, the Milwaukee Police Department purchased the Shotspotter system otherwise referred to as SST. SST is the industry leader in the development and delivery of innovative, interoperable, inter-networked wide area acoustic surveillance systems for gunfire detection. SST's mission is to reduce incidents of gunfire and related incidents of crime.

SST Flex is a unique subscription based service that provides an effective method to detect, locate, respond to and reduce incidents of gunfire. When an incident of gunfire is detected, detailed incident data is rapidly sent to the SST Operations Center in California. The information is vetted by gunfire detection experts 24X7X365. The alert is then sent to MPD Communications where it is dispatched. The process is illustrated below.





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The screenshot shows a police incident report for Incident 17998. The report details include: 6 ROUNDS, MOVING NE AT 31.8 MPH; Occurred: 15:00:15; Elapsed: +00:11:10; Flex ID: 17998; District: CAD ID: 092345; Beat: Beat 2; Latitude: 37.470186; Longitude: -122.139308. The report also includes a chat log and a note: "Closed at customer facility".

The map shows an aerial view of a residential area with a red circle around a specific location. A yellow callout box indicates: "Radius: 83ft (25.2m)" and "Area: 21,499.6sq.feet (1,997.4sq.meters)". The map also shows street names: Cooley Ave, Robin, and Weeks.

Example of an SST Flex Alert

## SST Statistics North & South Coverage Area

01-01-2014 to 10-14-2014

SST Activations North & South Coverage Areas	Total
Single Gunshot	806
Multiple Gunshots	1714
Possible Gunshots	226
<b>Total</b>	<b>2746</b>

- Number of Shots Fired North & South Coverage Areas: 10570
- North Side Activations: 2638
- North Side # of Shots Fired: 10239
- South Side Activations\*: 165
- South Side # of Shots Fired\*: 331

\* South coverage area went live 08/2014



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### SST Statistics Prior Coverage Area

01-01-2014 to 08-20-2014

SST Activations Prior Coverage Area	Total
Single Gunshot	491
Multiple Gunshots	952
Possible Gunshots	110
<b>Total</b>	<b>1553</b>

- Number of Shots Fired Prior Coverage Area: 5712 (3.68 avg)

### SST Statistics South Coverage Area

08-20-2014 to 10-14-2014

SST Activations South Coverage Area	Total
Single Gunshot	42
Multiple Gunshots	49
Possible Gunshots	17
<b>Total</b>	<b>108</b>

- Number of Shots Fired South Coverage Area: 331 (3.06 avg)

### SST Statistics North Coverage Area

08-20-2014 to 10-14-2014

SST Activations South Coverage Area	Total
Single Gunshot	273
Multiple Gunshots	713
Possible Gunshots	99
<b>Total</b>	<b>1085</b>

- Number of Shots Fired North Coverage Area: 4527 (4.17 avg)



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### SST Statistics Prior Coverage Area 2013

01-01-2013 to 08-20-2013

SST Activations North & South Coverage Areas	Total
Single Gunshot	761
Multiple Gunshots	1023
Possible Gunshots	138
Total	1922

- Number of Shots Fired Prior Coverage Area: 6254 (3.25 avg)
- Percentage change from 2013 to 2014: 19% decrease from 2013 to 2014

$$1553-1922/1922(100)= -19.19\%$$

### SST Related Arrests

**14-241-0210:** On 08/29/14 at 10:35pm an alert of gunfire was received. The responding officers noticed four subjects sitting on the porch. One of the subjects produced a handgun and attempted to discard the weapon by dropping it off the porch. Officers were able to locate the weapon and take the subject into custody. The suspect was charged with endangering safety by use of a dangerous weapon and bail jumping.

**14-244-0040:** On 09/01/14 at 2:53am an alert of gunfire was received. As the officers arrived they noticed two subjects walking together on the sidewalk. When the subjects noticed the squad they made an abrupt turn in an attempt to avoid the officers. When confronted one of the subjects admitted to having a .40 caliber handgun in his waistband. The subject was arrested and charged with felon in possession of a firearm and carrying a concealed weapon.

**14-258-0174:** On 09/15/14 at 11:29pm ShotSpotter detected a single gun shot. As officers arrived they observed a subject entering a SUV. Officers attempted a traffic stop of the vehicle. The subject exited the vehicle and began fleeing on foot. During the foot pursuit the suspect attempted to discard a handgun. The suspect was apprehended and the gun was located. The suspect was charged with felon in possession of a firearm, resisting arrest, carrying a concealed weapon, and bail jumping.



# **City of Milwaukee Public Safety Committee**

## **Meeting SST Update**

**11/13/2014**

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### **SST Related Arrests**

**14-260-0214:** On 09/17/14 at 10:24pm ShotSpotter detected several gunshots within an alleyway. A responding squad located a group of subjects still in the alley. When one of the subjects saw the squad he placed both of his hands near his waistband and fled on foot. The officer was able to pursue the subject on foot at which time he observed the subject toss a handgun to the ground. The suspect was apprehended and the handgun was recovered. The suspect was charged with resisting arrest, carrying a concealed weapon, and possession of a dangerous weapon.

**14-270-0014:** On 09/27/14 at 1:04am 12 rounds were detected by ShotSpotter. Responding officers arrived quickly and located three subjects sitting on the porch. Officers recovered a loaded handgun from one of the subjects. The subject was taken into custody and charged with carrying a concealed weapon.

**14-270-0031:** On 09/27/14 at 3:07am a squad was advised of a ShotSpotter alert. ShotSpotter detected five rounds. Upon arrival, officers observed the suspect with a gun still in hand. The suspect was taken into custody. The suspect was charged with endangering safety by use of a dangerous weapon.