

ShotSpotter Presentation

December 7, 2021



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Historical Information

- In June 2016, a \$1.5 million grant was awarded to the City of Salinas for three years of equipment and subscription to the gunfire location system
- ShotSpotter was implemented in December 2016

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Historical Information

- Prior to ShotSpotter, the Police Department was entirely dependent on people calling in potential shots fired calls

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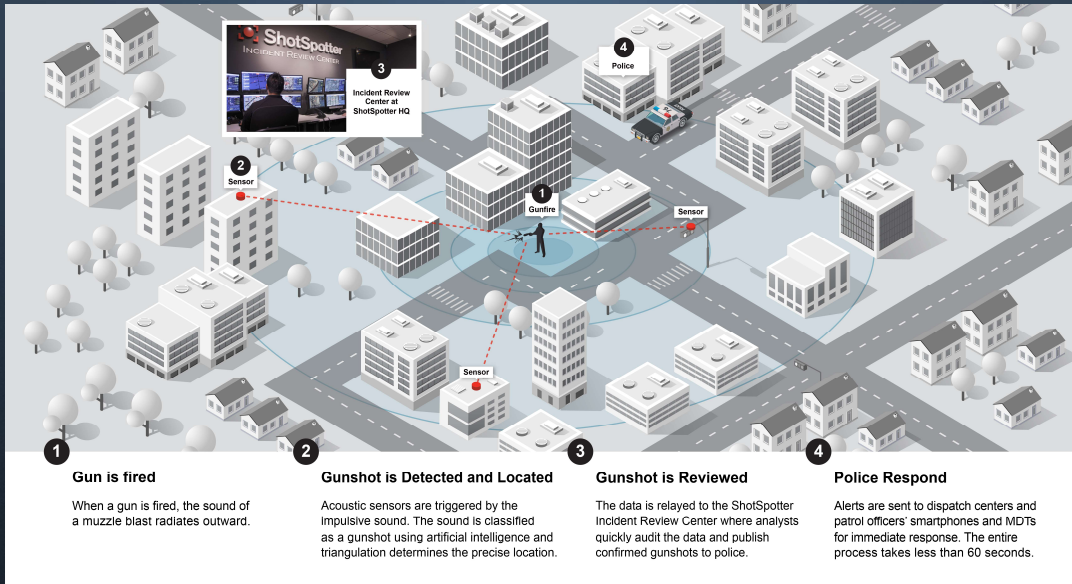


The hope of the endeavor was
to reduce gun violence and
SAVE LIVES

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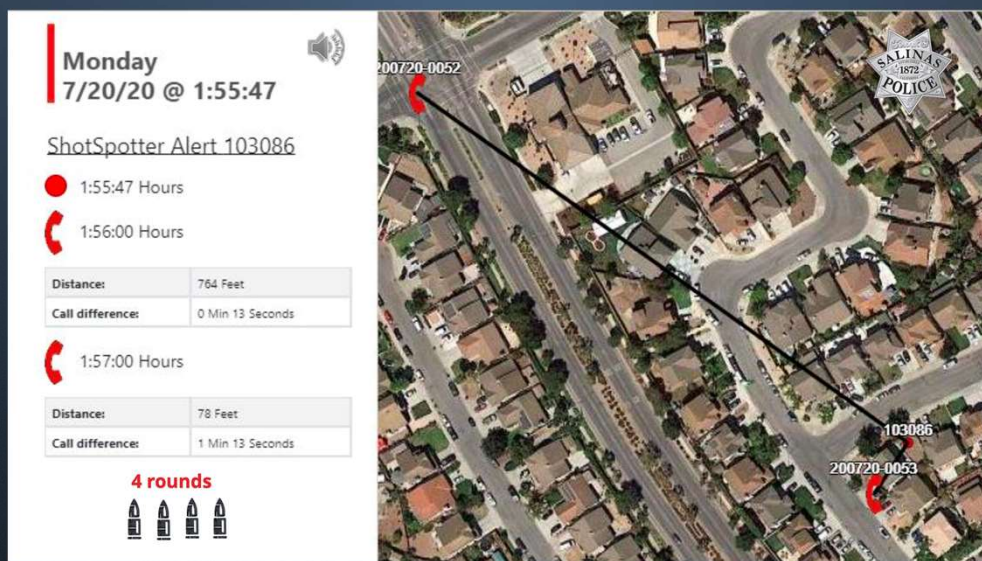
How It Works



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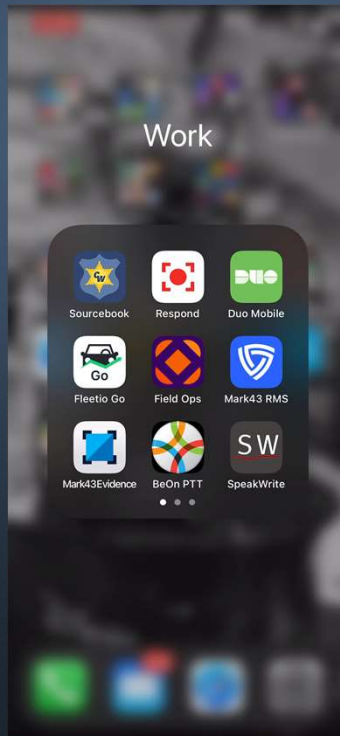
How It Works



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Shooting Incident at Natividad Creek Park



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Shooting Incident at Natividad Creek Park

ShotSpotter

INVESTIGATIVE LEAD SUMMARY

INCIDENT DATE: NOV 18 2021
CITY ZONE: SALINAS / CALIN INACCIDENTAL
REPORT DATE: NOV 18 2021
REQUESTED BY: [REDACTED]

RESPOND ID: [REDACTED]

Map data ©2021 Imagery ©2021 AMBAG, Maxar Technologies

INCIDENT	LOCATION
DATE/TIME: [REDACTED]	36.698971, -121.608730
ADDRESS: [REDACTED]	1915 NOGAL DR
ROUNDS: 1	AREA: [REDACTED]
CAD ID: [REDACTED]	TAGS: [REDACTED]

INCIDENT AUDIO

SENSOR	RANGE FROM INCIDENT	AUDIO
[REDACTED]	[REDACTED]	CLICK TO PLAY ▶
[REDACTED]	[REDACTED]	CLICK TO PLAY ▶
[REDACTED]	[REDACTED]	CLICK TO PLAY ▶

ILS

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Gunfire Incidents 2019

- ShotSpotter Alerts 252
- No Matching Calls for Service 232
- Matching Calls for Service 20

- 7.9% of ShotSpotter had matching calls for service within 3 minutes and 300 feet of the shooting location

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Gunfire Incidents 2020

- ShotSpotter Alerts 275
- No Matching Calls for Service 258
- Matching Calls for Service 17

- 6.1% of ShotSpotter had matching calls for service within 3 minutes and 300 feet of the shooting location

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Top Streets/Blocks



These 108 incidents represent the streets with more than five incidents. In addition, the chart shows the block in which the incident occurred.

This is 39% of all the alerts sent in this time period.

39%

Low alert activity Moderate High activity

Street Name	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	2300	13000	18400	18500	18800	No Info	Total
Acosta										14		1														15
Main		2			4					2						2	2			1						13
Garner								7	2	2																11
Alisal	1			1							3	2		2	1											10
Soledad	6	1		1																						8
Laurel		1	1	1			1		1		1	1														7
Del Monte										1			1			5										7
Lake	2	5																								7
Sanborn												2		1		3										6
Rider											1		5													6
Williams			2		1		2	1																		6
Market		4			2																					6
Gaviota															6											6
Total	9	13	3	3	7	0	3	8	3	19	5	6	6	3	7	10	2	0	0	1	0	0	0	0	0	108

ShotSpotter
Detect - Protect - Connect

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Gunfire by Time & Day



68%

1900 – 0259 hours

51%

Fridays, Saturdays & Sundays

2200–0159 hours

38%

Day/Hour	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Total
Sun	5	5	1	2	1	2	2						1	1	1	2		2	3	3	2	4	4	6	47
Mon	2	7	2	2					1	2				1				1		2	2	4	4	3	33
Tue	3	5	3	3					1	1		1	2	2	1	2			2	2	2		1	1	32
Wed	2	2	2	1				1		1	2			3			1	3		1	3	1	3	2	28
Thu	1	1	4				1							1	1	2			4	1	5	1	5	1	28
Fri	3	3	4	1				1					1		1	2		1	2	1	4	4	7	5	40
Sat	3	3	3	2	2	2	2							1						6	4	4	1	6	39
Total	19	26	19	11	3	5	6	1	3	4	1	3	7	4	4	6	6	3	11	16	22	18	25	24	247

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Twenty-eight removed, as those incidents occurred on New Year's Eve (3), New Year's Day (24) and Independence Day (1). The number dropped from 275 to 247.

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ShotSpotter Assisted Incidents

- Sept 20, 2020 – An alert led SPD to a homicide in a remote wooded area. Officers searched the location and found two victims. One was deceased and the other was transported to the hospital. No 911 calls were received.
- March 8, 2021, Conviction – Incident occurred on Sept 10, 2020. Suspect pleaded no contest to assault on a peace officer with a firearm and resisting an officer charges. The incident was related to a ShotSpotter activation

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ShotSpotter Assisted Incidents

- March 27, 2021, A ShotSpotter activation led SPD to a victim who was shot multiple times
- March 30, 2021, A single gunshot alert led officers to an area where they found two males attempting to hide in a vehicle. Both were on probation with a search clause. The search revealed two firearms. Both were arrested

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ShotSpotter Assisted Incidents

- June 13, 2021, A ShotSpotter alert led SPD to an adult male located with gunshot injuries. He was provided aid and transported to the hospital
- Oct 5, 2021, Salinas PD responded to a ShotSpotter alert leading them to a homicide scene. They engaged a suspect in an officer-involved shooting and later arrested him

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ShotSpotter/ALPR Assisted Incidents

- July 13, 2019, two people were shot with a fully automatic weapon identified and captured by ShotSpotter. An investigation led to a suspect who was involved in a previous homicide. ALPR located the suspect vehicle at a residence where the suspect was arrested with numerous illegal firearms

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ShotSpotter Assisted Incidents

Actual
ShotSpotter
Captured
Audio Of
Shooting

(Randomness of
locations
due to fully
Automatic
weapon)



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Federal Indictment

Six individuals were federally indicted for the murder of seven people and the attempted homicide of five people.

News Story Link

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Indicted suspects

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Homicide victims

5

Attempted homicide
victims

1 Sunrise St	2 Fremont St	3 Orchard Av	4 Dennis Av	5 Paloma Av	6 Center St	7 N Hebborn Av
25 Rounds	18 Rounds	21 Rounds	32 Rounds	16 Rounds	19 Rounds	35 Rounds
187 664/187 (2)	187 664/187	664/187 (2)	187 (2)	187	187	187
Indicted Suspects	Indicted Suspects	Indicted Suspects	Indicted Suspects	Indicted Suspects	Indicted Suspects	Indicted Suspects
1/12/17 21:04	2/11/17 00:25	2/12/17 00:25	3/25/17 23:07	5/13/17 22:48	6/11/18 00:48	11/3/18 01:29
Andrew Alvarado	Mark Garcia	John Magat	Anelo Tavares	Saiki Tavares	Anthony Valdez	

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Homicide Costs to the Community

Jan-Dec 2019

Prior Year Total	
10	
Prior Year Total	
Total Homicide(s)	10
Total Costs	\$ 21,768,333
Total by Section	
Crime Scene	117,615
Hospital	512,250
Criminal Justice	1,920,605
Incarceration	17,326,233
Victim Support	436,380
Lost Revenue	1,455,250

Jan-Oct 2020

Current Year Total	
7	
Current Year Total	
Total Homicide(s)	7
Total Cost(s)	\$ 15,237,833
Total by Section	
Crime Scene	82,331
Hospital	358,575
Criminal Justice	1,344,424
Incarceration	12,128,363
Victim Support	305,466
Lost Revenue	1,018,675

<https://giffords.org/lawcenter/resources/factsheets/>