

INNOVATION ROADMAP: SAFE CITY STRATEGY STATUS REPORT

February 21, 2019

Item # (d)6

Agenda

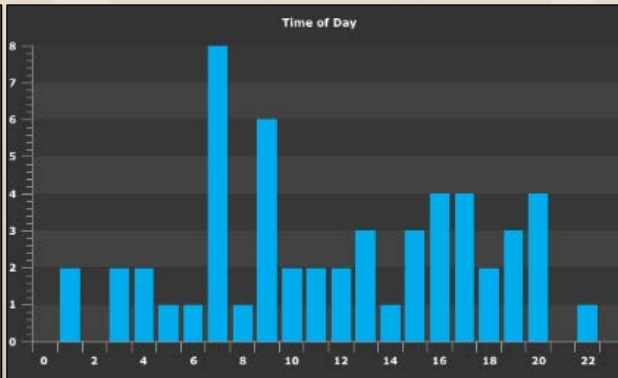
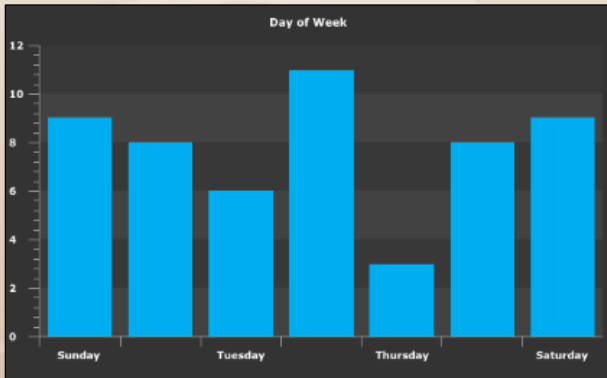
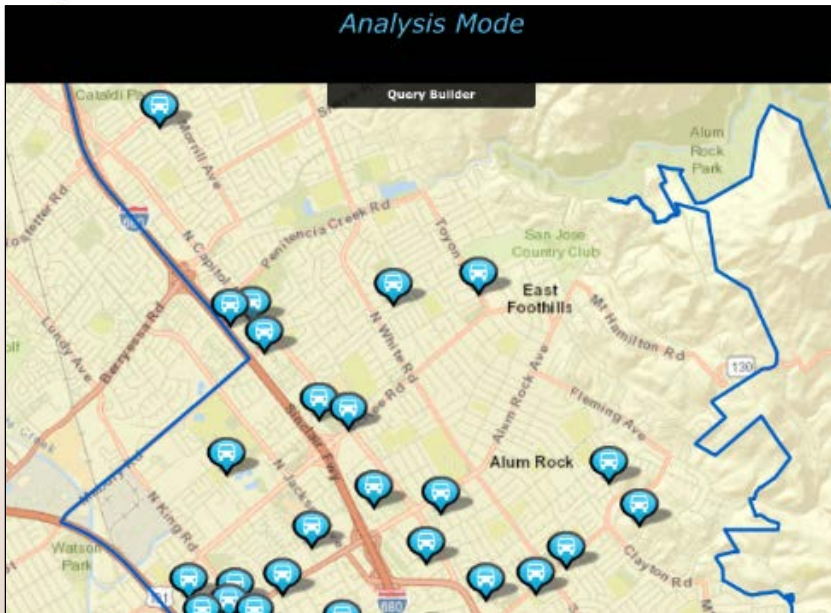
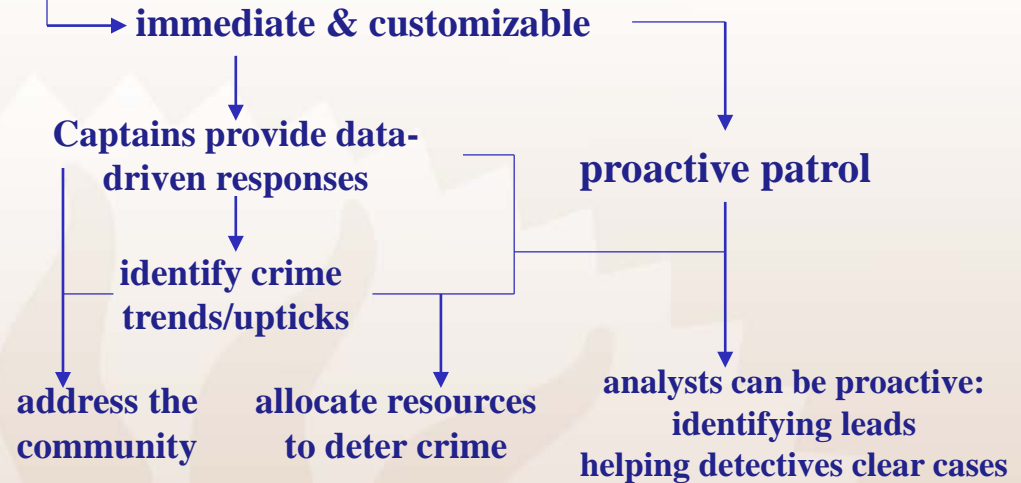
1. Police Department – Data Analytics
2. Fire Department – Improving Response Times
3. Office of Emergency Management – Mass Notification
4. Safe City Strategy Fellowship

Omega CrimeView Dashboard

Police Department



formerly manual analyses



PRIMARY OFFENSE	PRIMARY CRIME CATEGORY
211 PC ROBBERY STRONG-ARM	ROBBERY
261 PC RAPE	RAPE
245A1 PC ASSAULT W/O FIREARM	AGG ASSAULT
261 PC RAPE	RAPE
211 PC ROBBERY ARMED	ROBBERY
213A1 PC ROBBERY HOME INVASION	ROBBERY
245A1 PC ASSAULT W/O FIREARM	AGG ASSAULT
211 PC ROBBERY STRONG-ARM	ROBBERY
211 PC ROBBERY ARMED	ROBBERY
417(A)(1) PC BRANDISH WEAPON	AGG ASSAULT
245A1 PC ASSAULT W/O FIREARM	AGG ASSAULT
211 PC ROBBERY ARMED	ROBBERY
211 PC ROBBERY STRONG-ARM	ROBBERY

Crimemapping.com

Police Department

for the public:
similar data, customizable, analytics,
sharing and alert features



Create Alert

Alert Type

Location Selection
 Enter an Address

Alert Name

Email Address

Email Preferences
 HTML
 List View
 Table View
 Text

Choose a Search Distance

VERIFY ADDRESS

CRIMEMAPPING.com Helping You Build a Safer Community RECEIVE ALERTS

Enter an address, landmark or zip code 61 Records Date Range: 2-8-2019 to 2-14-2019 (7 Days)

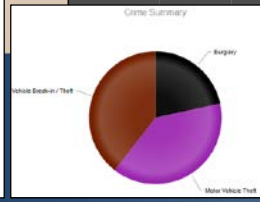
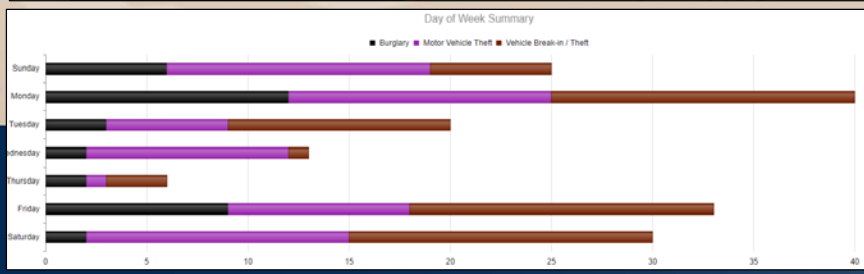
Share Map
 To share this map view either copy the URL below or use the copy button to add the URL to the clipboard. The Summary panel indicates the specifics of what you are sharing.

Display Options
 What type(s) of records would you like to see?
 Select All | Deselect All

- Arson
- Assault
- Burglary
- Disturbing the Peace
- Drugs / Alcohol Violations
- DUI
- Fraud
- Homicide
- Motor Vehicle Theft
- Robbery
- Sex Crimes
- Theft / Larceny
- Vandalism
- Vehicle Break-In / Theft
- Weapons
- Sex Offender NA*

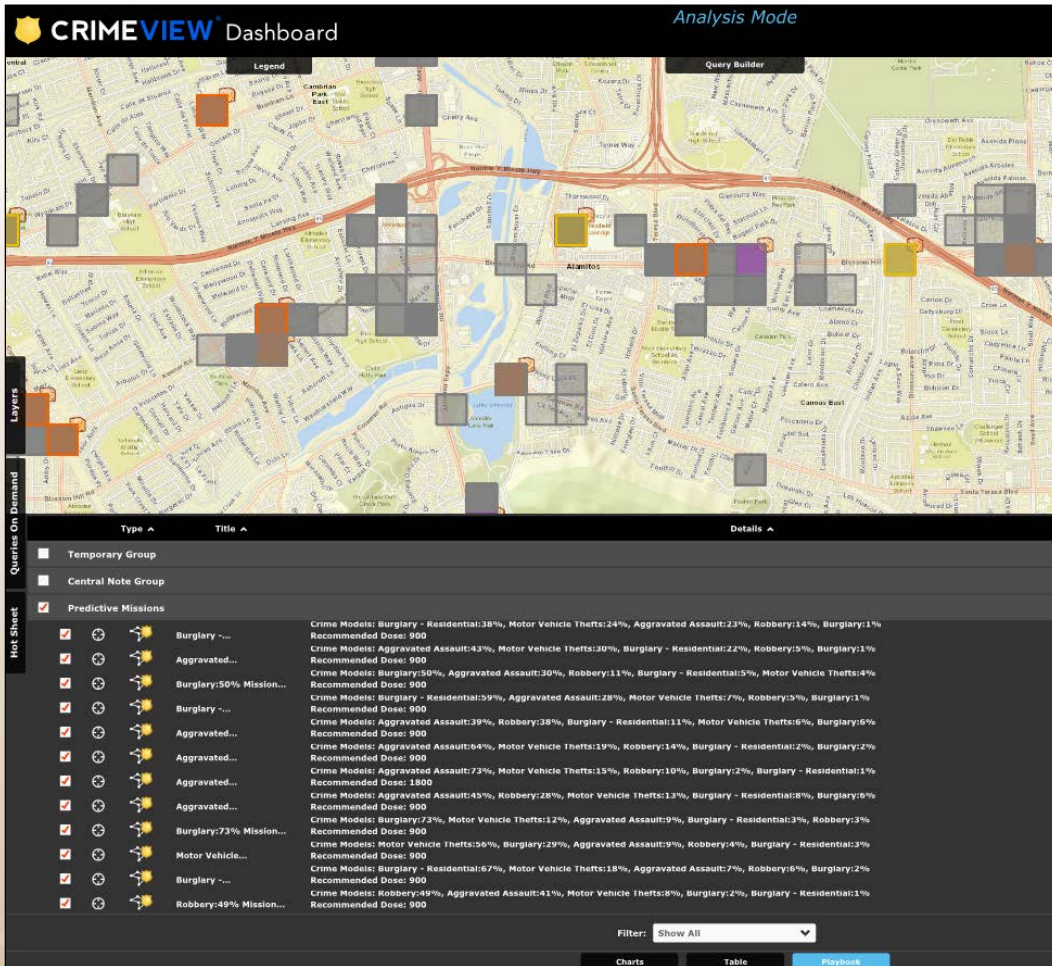
Crime Incidents 02-08-2019 to 02-14-2019 (7 Days) 61 Records

	Type	Description	Incident #	Location	Agency	Date
Map It		AUTO THEFT	190450382	300 BLK N 6TH ST	San Jose Police	2-14-2019 11:36 AM
Map It		AUTO THEFT	190440765	CLEMENCE AV / FAIR AV	San Jose Police	2-13-2019 7:26 PM
Map It		AUTO THEFT	190440538	3200 BLK TRISTIAN AV	San Jose Police	2-13-2019 3:16 PM
Map It		AUTO THEFT	190440423	700 BLK S 2ND ST	San Jose Police	2-13-2019 1:45 PM
Map It		AUTO THEFT	190440450	1600 BLK AIRPORT BL	San Jose Police	2-13-2019 1:34 PM
Map It		AUTO THEFT	190440321	1300 BLK MAYHEW CT	San Jose Police	2-13-2019 12:43 PM
Map It		AUTO THEFT	190440312	2000 BLK FOREST AV	San Jose Police	2-13-2019 10:39 AM



Predictive Missions

Police Department

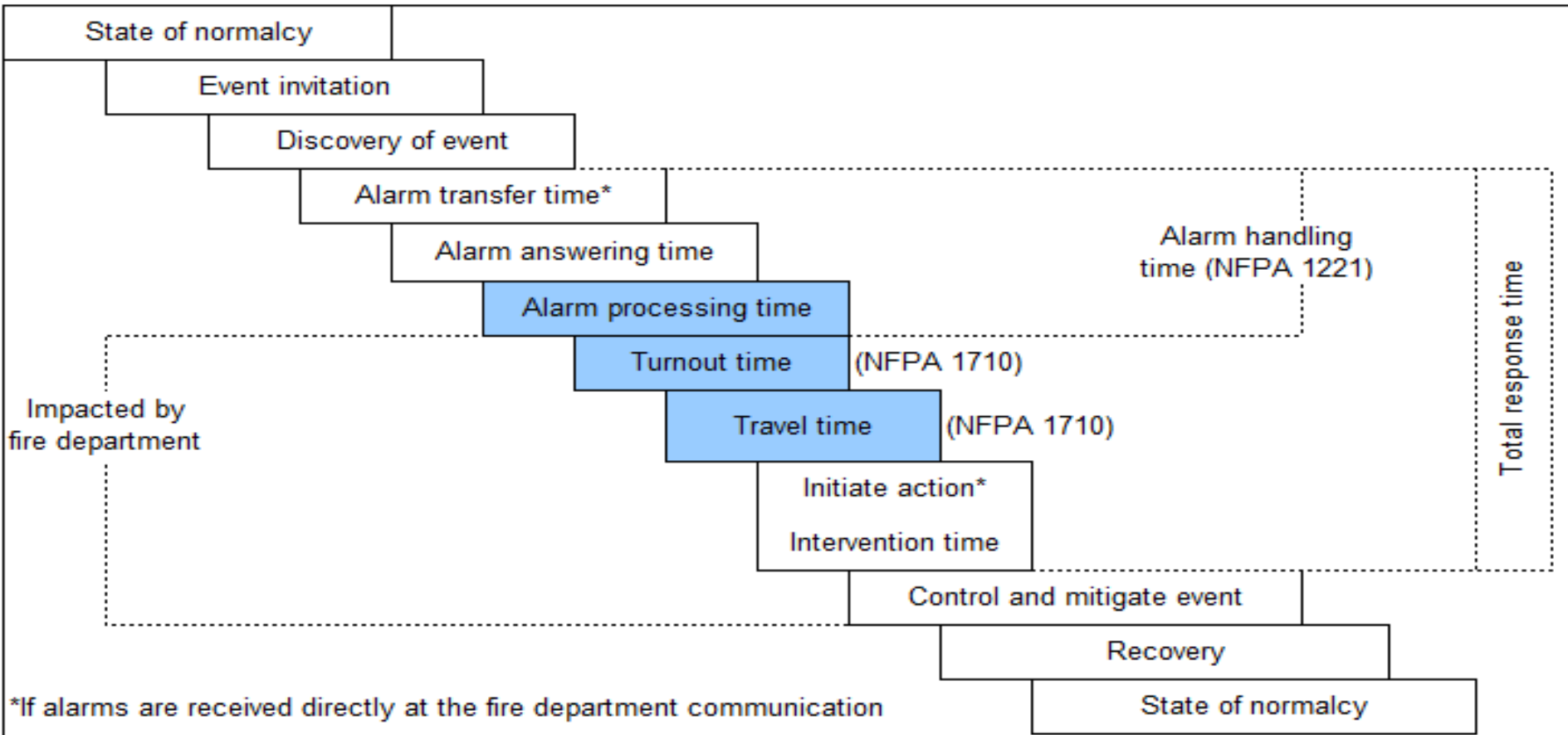


no integrated GPS component solution –
cannot determine dosage/treatment
cannot audit for efficacy
cannot review for accountability
no exportable reports
user accessibility difficult

→ RFP in March 2019
for predictive policing component

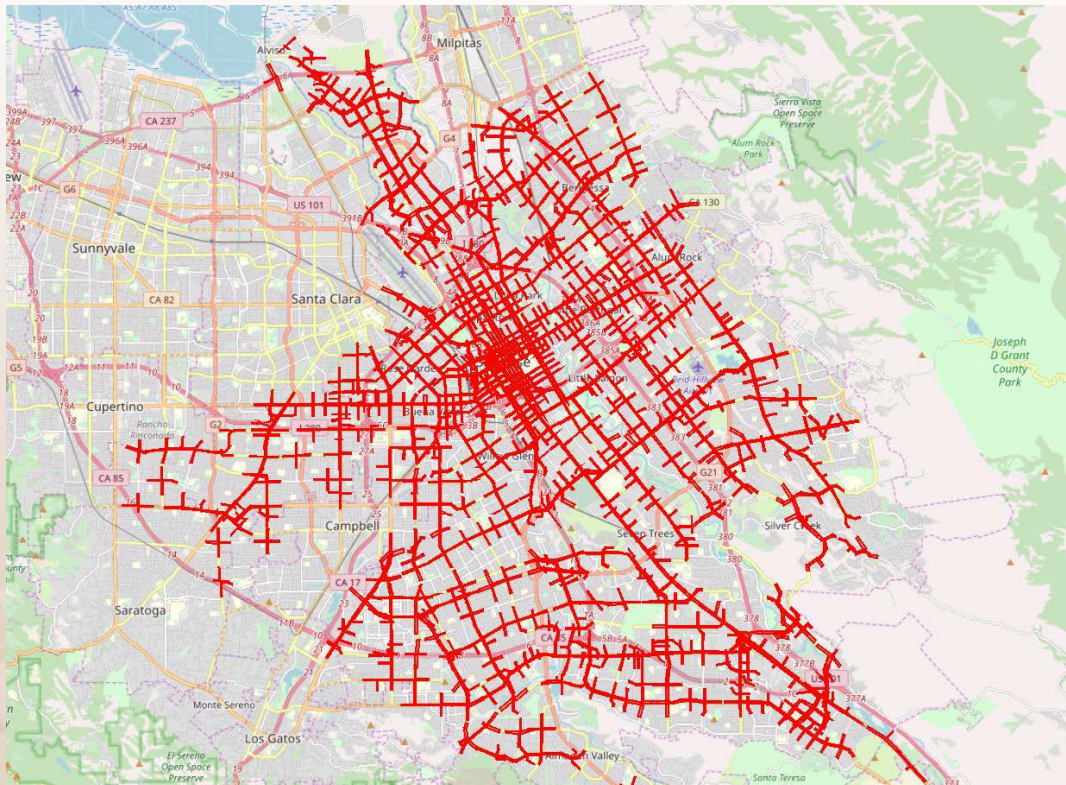
Improving Response Times

Fire Department



*If alarms are received directly at the fire department communication center and not transferred from a PSAP, alarm transfer time is zero.

Central Emergency Vehicle Preemption (CEVP) - Fire Department



Project Timeline:

- Initiated project in FY 2016-2017 with one-time funding of \$1.2 Million.
- CEVP pilot enabled on 41 selected intersections (Jul./Aug. 2018).
- Go Live – Began citywide deployment to production (Oct. 2018).
- Completed deployment for 935 of 956 City intersections.
 - 12 pending hardware replacement. March 2019
 - 8 not part of CEVP – no network connectivity.

Fire Station Alerting System

Fire Department



Project Timeline:

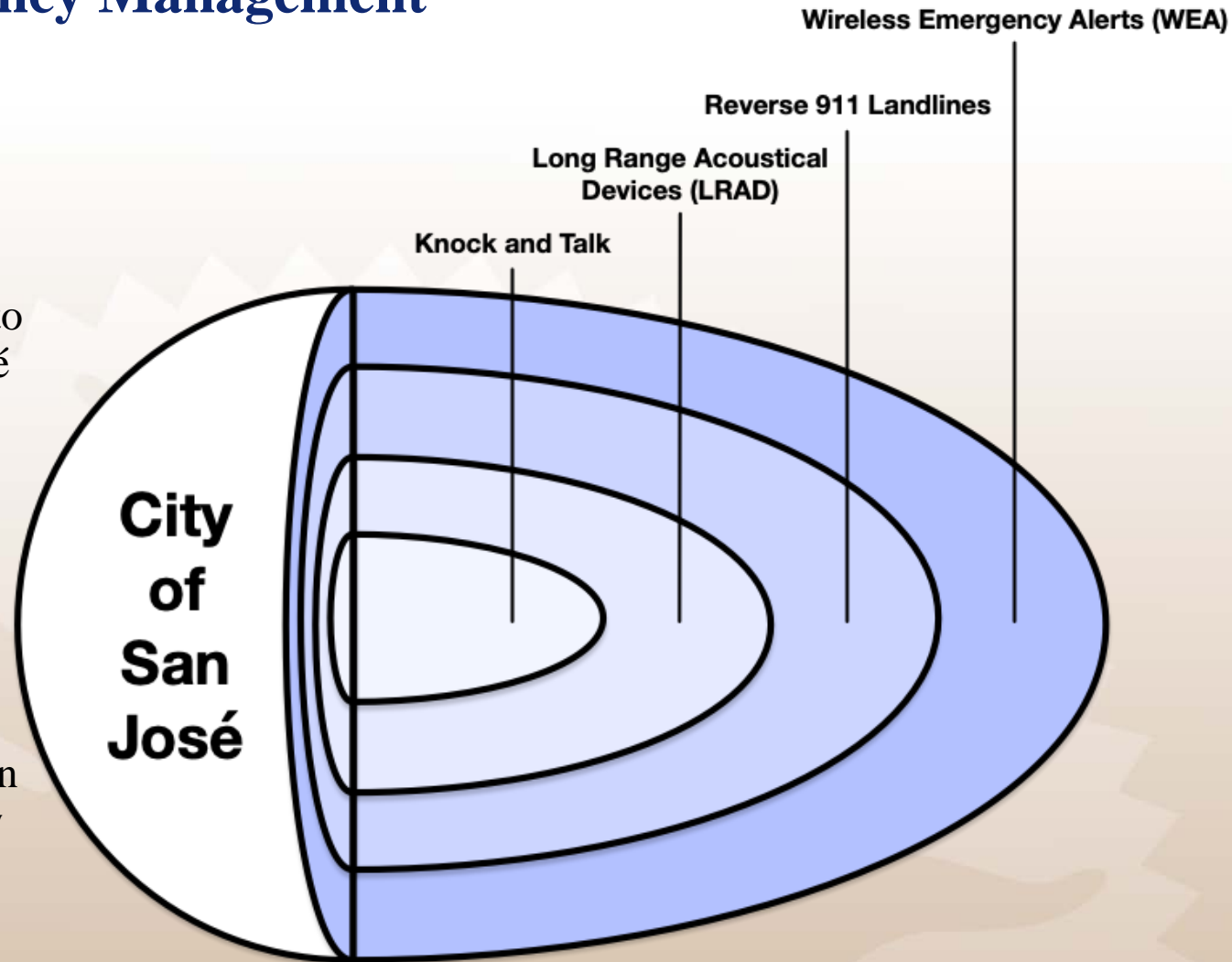
- On October 24, 2017, The City Council approved the purchase of an upgraded fire station alerting system.
- System hardware delivered (Feb. 2018).
- Public Works installed all station controllers (Completed Sept. 2018).
- IT Department testing redundant network connectivity required to ensure 24/7 operation (Underway)
- Fire Station network components and system configuration. Pending testing outcome.
- Go Live – Estimated Mar. 2019

Mass Notification System

Office of Emergency Management

2018 Goals

- Increase our capability to alert and notify San José residents.
- Develop a multilayered approach to emergency notifications.
- Encourage Opt-In of San José residents and allow notification language selection.



Mass Notification System

Office of Emergency Management

Common Communication Methods:

- **AlertSCC** : An opt-in system that is similar to reverse 911 that can send alerts to landline telephones, mobile phones, email, and text message. Multiple languages are supported (English, Spanish and Vietnamese).
 - **Wireless Emergency Alert (WEA)**: When wireless phone carriers broadcast to cellphones in a specific geographic area on behalf of government agencies to send you an alert with a distinctive sound (Ex: Amber Alert).
 - **Reverse 911**: When 911 operators call you, mostly to landline telephones.
 - **Nixle**: An anonymous opt-in system using zip codes that many county agencies, including Sonoma and Santa Clara, use to contact residents via text and email alerts.

Mass Notification System

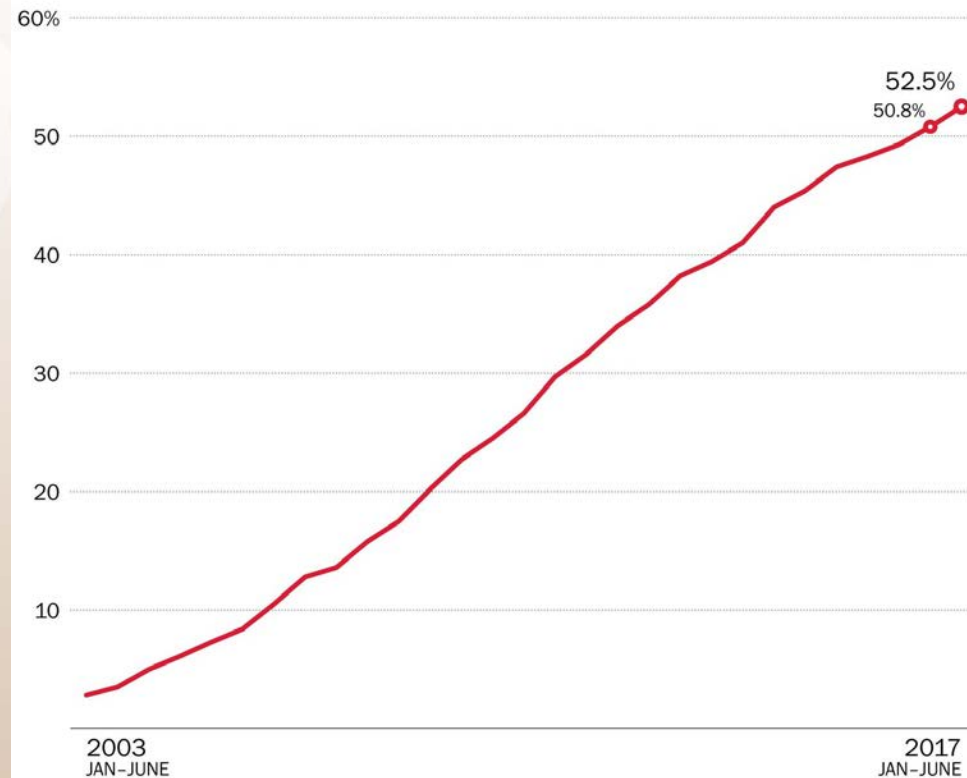
Office of Emergency Management

The importance of Wireless Emergency Alerts (WEA) has increased significantly.

- 54% of households in the U.S. are now using only wireless telephones instead of landlines, including 95% under age 30
- Reverse 911 does not include wireless telephones and most Voice Over IP (VOIP) or Cable-provided telephones.
- WEA messages can reach approximately 75%+ of a selected geographic area in the U.S. population within minutes.

Percent of households that are wireless-only

National Center for Health Statistics

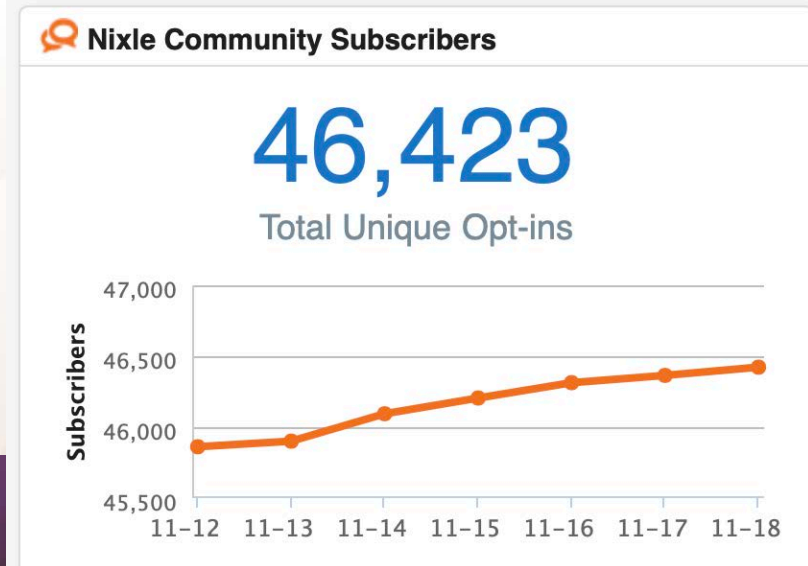


Mass Notification System

Office of Emergency Management

Nixle Signup

- Up 14% in Santa Clara county since 2017
- Easy and anonymous to sign up just text your zip code to 888777



Looking to Receive Alerts from Your Local Agencies?

TEXT YOUR ZIP CODE TO 888777 TO OPT-IN

Receive alerts for



Severe
Weather



Criminal
Activities



Severe
Traffic



Missing
Persons



Local
Events

Mass Notification System

Office of Emergency Management

Most recent event and use of systems – February 13-14 Storm

- Used AlertSCC for public and City notification
- Used wireless emergency alerts (WEA)
- Used Reverse 9-1-1
- Used Nixle
- White Pages, Yellow Pages, and Opt-ins
- Four primary messages sent out with additional messaging in three languages (Spanish, Vietnamese, English)

Safe City Strategy

Office of Civic Innovation

- Identify and implement data-driven opportunities to improve public safety across Police, Fire, and Emergency Management in collaboration with Chief Data Officer
 - Landscape Assessment
 - Execution Roadmap
 - Stakeholder Engagement Map and Communication Plan
 - Pilot Initiatives Implementation

QUESTIONS?