



# **Safe City Strategy**

**Police | Fire | Emergency Management**

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# Purpose

**Smart City Roadmap: Safe City Strategy Status Report.**  
(City Manager – Civic Innovation)

Purpose: Provide a status report on the Smart City Roadmap: **Safe City Strategy** regarding the **applied use of technology** and **technology improvement opportunities** within the Police Department, Fire Department, and the City Manager's Office of Emergency Management.

**Coordinated  
Action**  
protecting  
life and safety

**Optimized  
Resourcing**  
maximizing impact  
of resources

**Build for  
Iteration**  
to extend and  
sustain  
capabilities

**Success via  
Partnership**  
by leveraging  
relationships

**Absent a formal  
Safe City Strategy...**

# San Jose 2019-2020 Safe City Priorities



## Communications and Interoperability

Enable Fire, Police, and  
Emergency Management  
contributors to seamlessly  
communicate and collaborate



## Operational Effectiveness

Advance the effectiveness of  
public safety operations  
through data and integrated  
technologies



## Disaster Readiness and Resilience

Implement information and  
communications solutions that  
enhance response and recovery  
in disaster scenarios

# San Jose 2019-2021 Safe City Priorities

## Objectives

Communications  
& Interoperability



Operational  
Effectiveness



Disaster  
Readiness &  
Resilience



Powerful  
Partnership



## Key Results (as measured by)

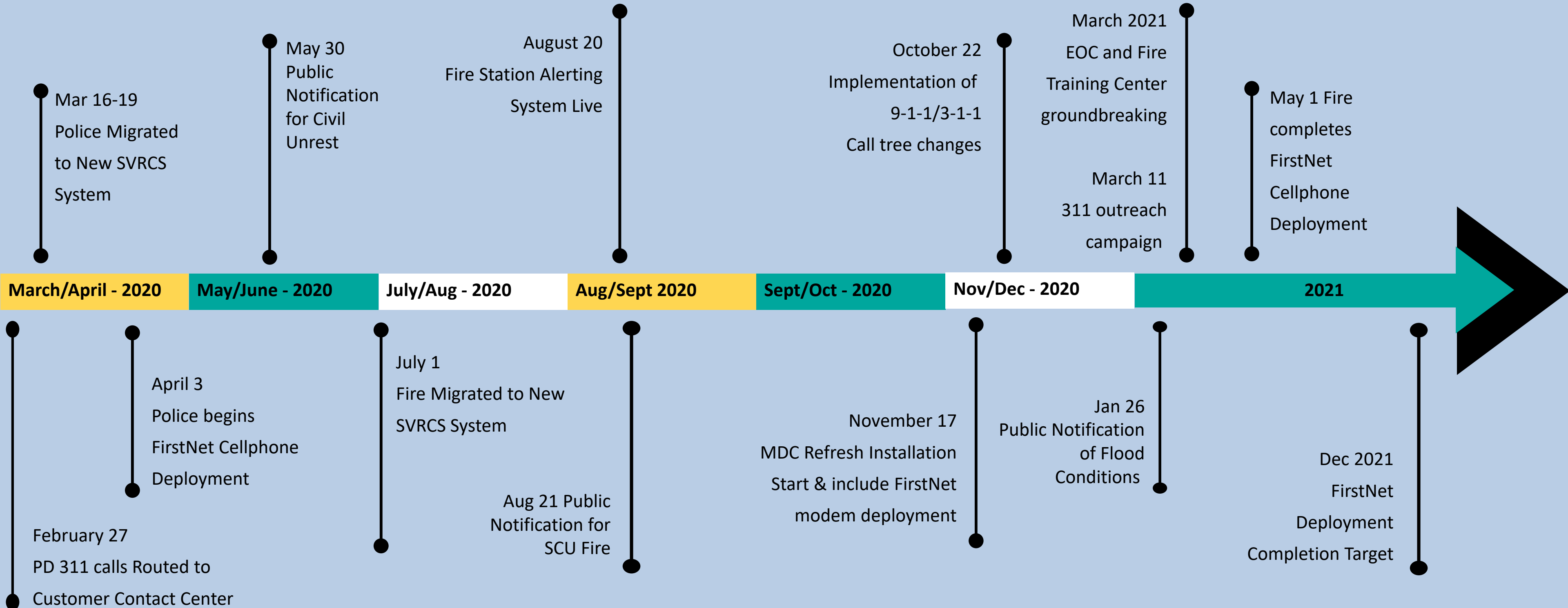
- ☐ SVRCS Phase Complete
- ☐ Fire Station Alerting Live
- ☐ Centralized Emergency Vehicle Preemption Live
- ☐ Alert and Warning Notification Live

- ☐ 9-1-1/3-1-1 Improvements
- ☐ Fire Business Intelligence
- ☐ Police MDC Refresh
- ☐ Fire IT Master Plan
- ☐ Radio Budget Plan (w/ PW)
- ☐ GIS in Emergency Operations

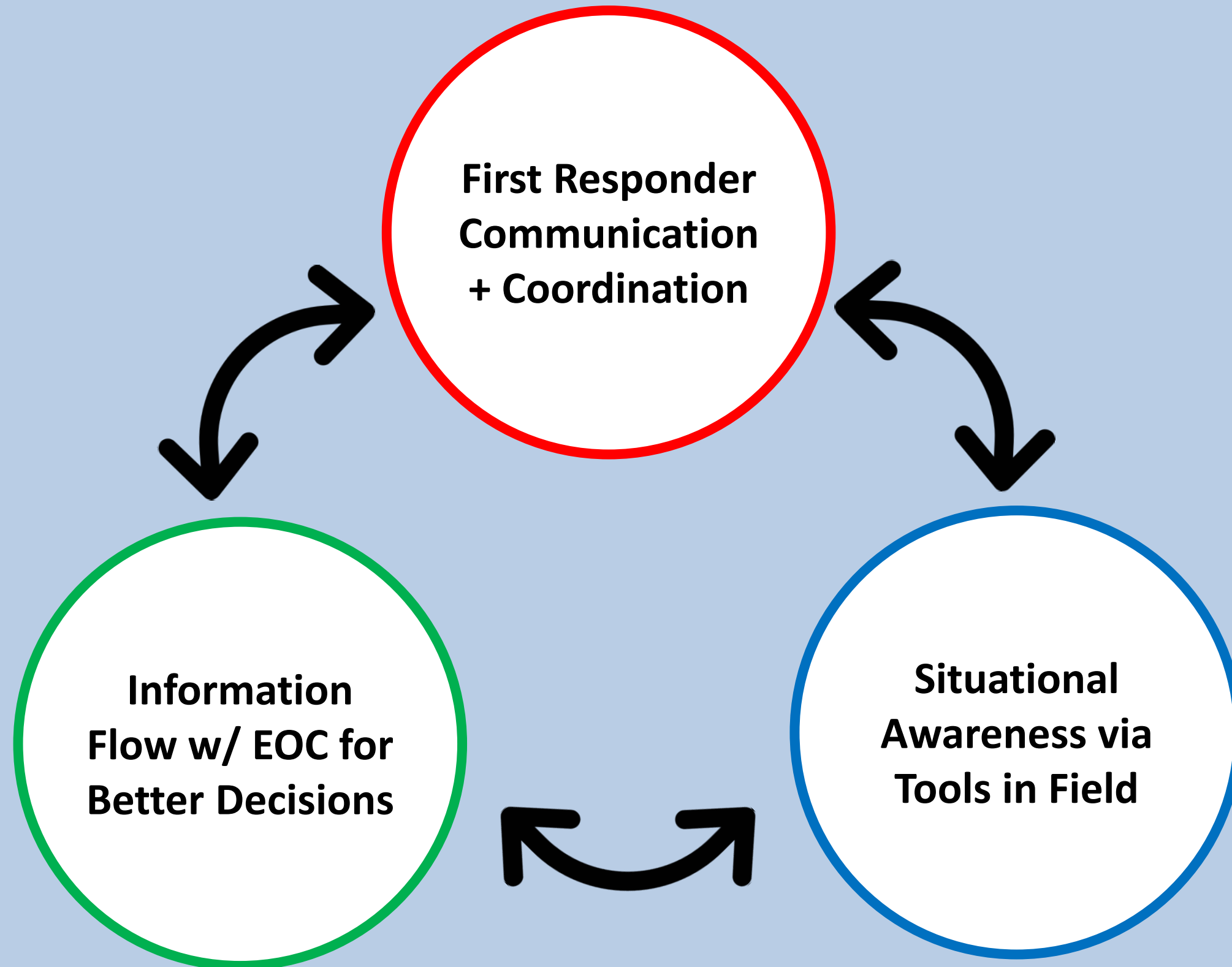
- ☐ FirstNet
- ☐ Virtual EOC (Zoom/eForms)
- ☐ Measure T New Emergency Operation Center
- ☐ SEMS/NIMS Training

- ☐ ATT/FirstNET Partnership
- ☐ CERT Re-Initiation
- ☐ RACES Partnership

# 2020/2021 Timeline



# FirstNet Overview

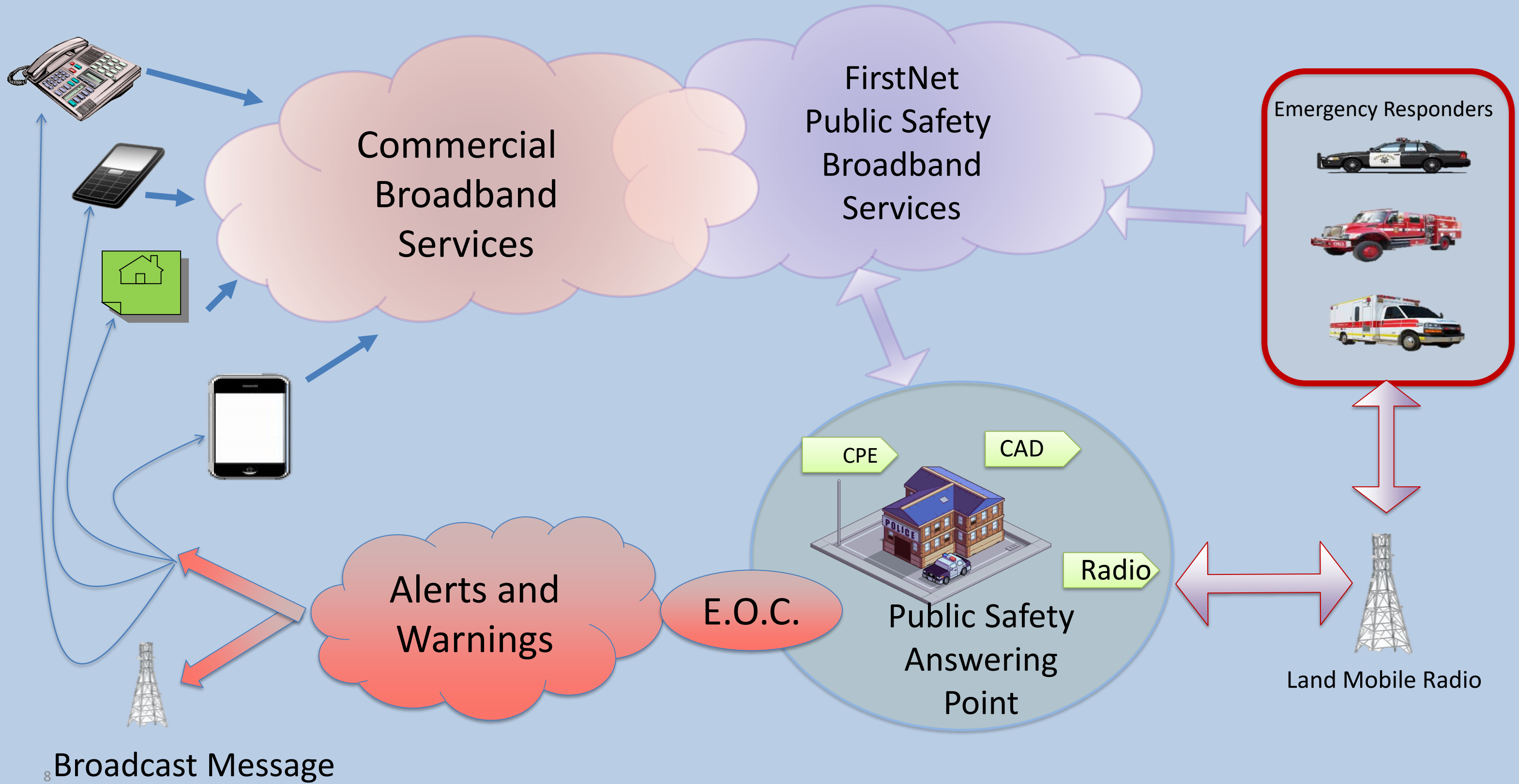


## **FirstNet** is...

- First Responders Communications Network
- Compliments Radio System
- Federally-supported resource
- Reserved spectrum for public safety
- Required to be:
  - Most resilient network
  - First to be restored in disasters
  - Supported with heightened resources from AT&T

# FirstNet Topology

## Connecting the Technology





# FirstNet Deployable Resources



**76 Portable Cellular on Wheels 14 Hour Delivery Window**

**2019 College Football Playoffs**

**2019 County Search and Rescue Drill**

**2020 Santa Cruz County Fallen Officer Memorial**

**2020 CZU Lighting Complex**



**FirstNet One –  
Industry 1<sup>st</sup> Blimp**

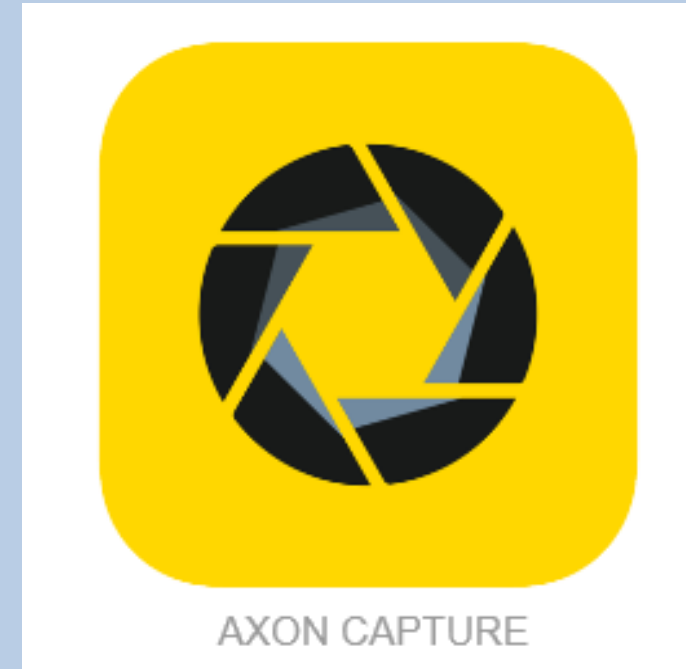


**Flying Cellular on Wings – Tethered Drone**

# 100's of Apps available - FirstNet



All FirstNet  
Users -  
AT&T Enhanced  
Push to Talk



Police  
Department –  
Digital Evidence  
Capture



Fire  
Department –  
Offline  
Mapping tool



San José 311



# EOC Effectiveness

## Flood Situation Dashboard

Powered by: San José Spatial Team



- All Locations
- Berryessa Rd Bridge
- Branham Ln Bridge
- Charcot Rd Bridge
- William St Bridge
- Cherry Ave Culvert
- Mabury Rd Bridge
- Montague Expy Bridge
- Nightingale Dr Culvert
- Rock Springs Stable Dr
- West Alma Ave Bridge

### Most Recent Surveys

click one to see picture

1/27/2021, 3:46 AM - Guadalupe River  
West Alma Ave Bridge  
Depth: 11

1/27/2021, 3:30 AM - Guadalupe River  
West Alma Ave Bridge  
Depth: 11

1/27/2021, 3:30 AM - Ross Creek  
Cherry Ave Culvert  
Depth: 5.5

1/27/2021, 3:15 AM - Guadalupe River  
West Alma Ave Bridge  
Depth: 11

1/27/2021, 3:15 AM - Ross Creek  
Cherry Ave Culvert  
Depth: 6

1/27/2021, 3:00 AM - Ross Creek  
Cherry Ave Culvert  
Depth: 6.5

1/27/2021, 3:00 AM - Guadalupe River  
West Alma Ave Bridge  
Depth: 11

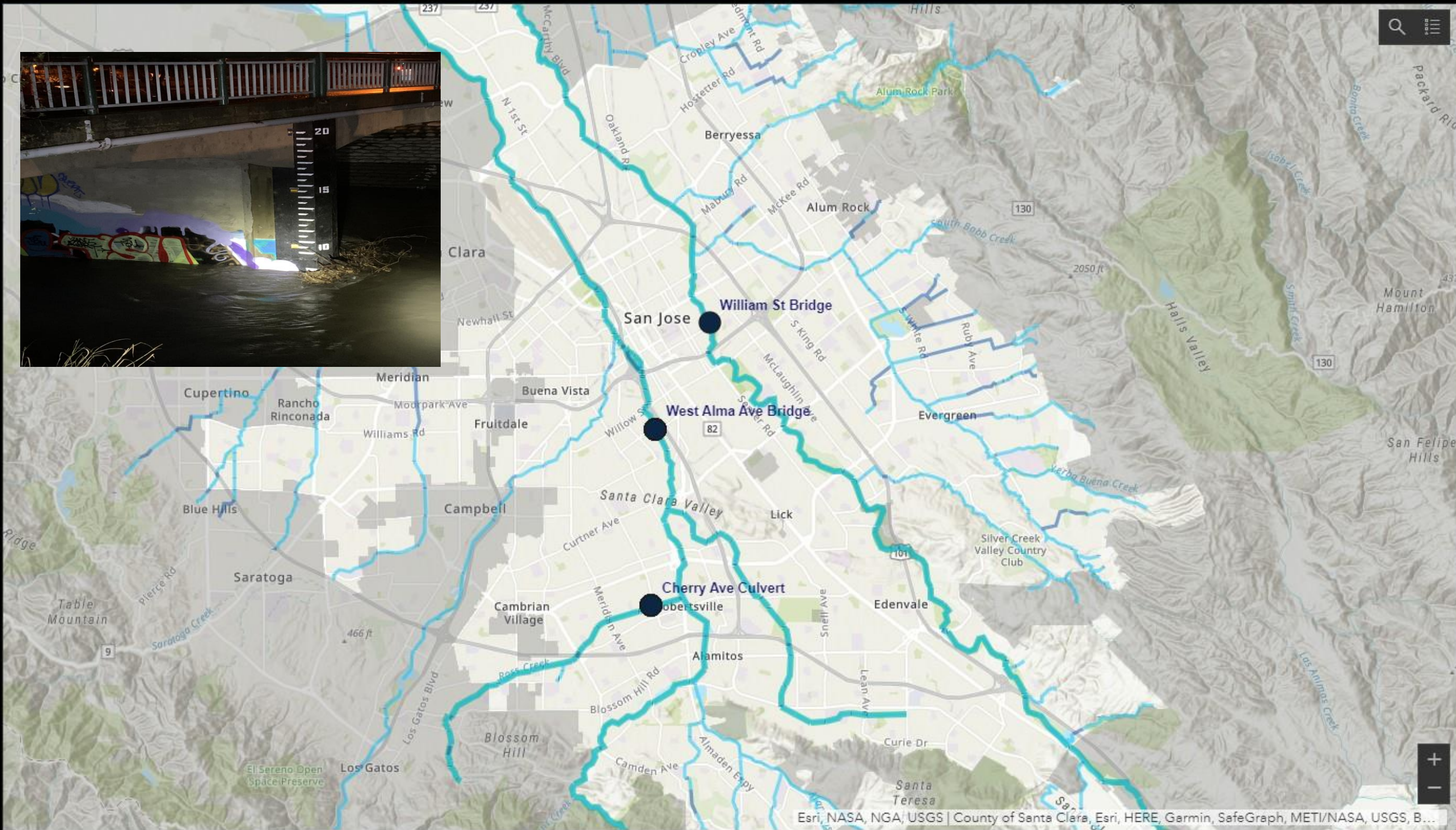
1/27/2021, 2:45 AM - Ross Creek  
Cherry Ave Culvert  
Depth: 6.5

Last update: a few seconds ago

### # Surveys In the Last Hour



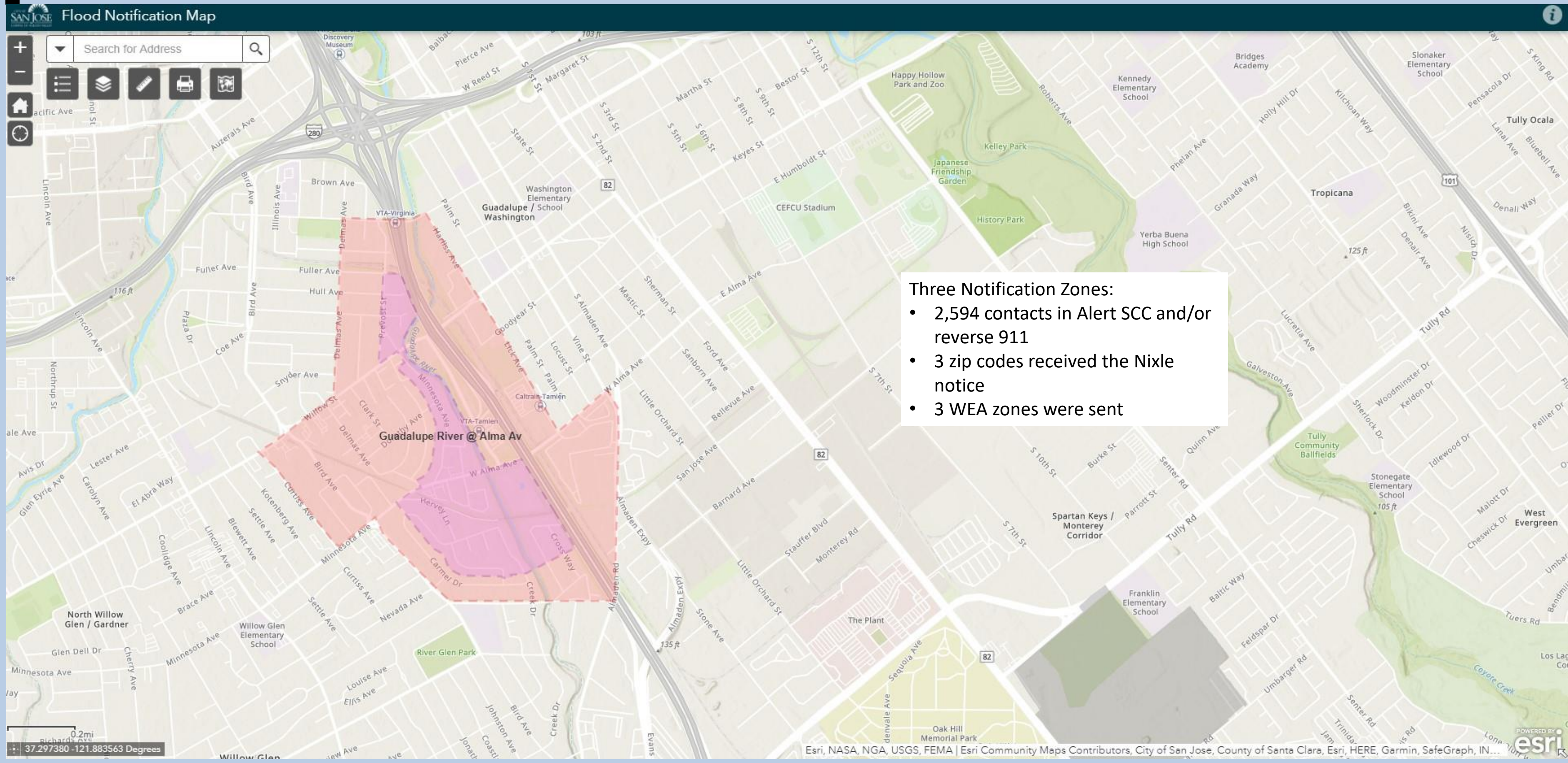
Last update: a few seconds ago



Esri, NASA, NGA, USGS | County of Santa Clara, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, B...



# EOC Notifications





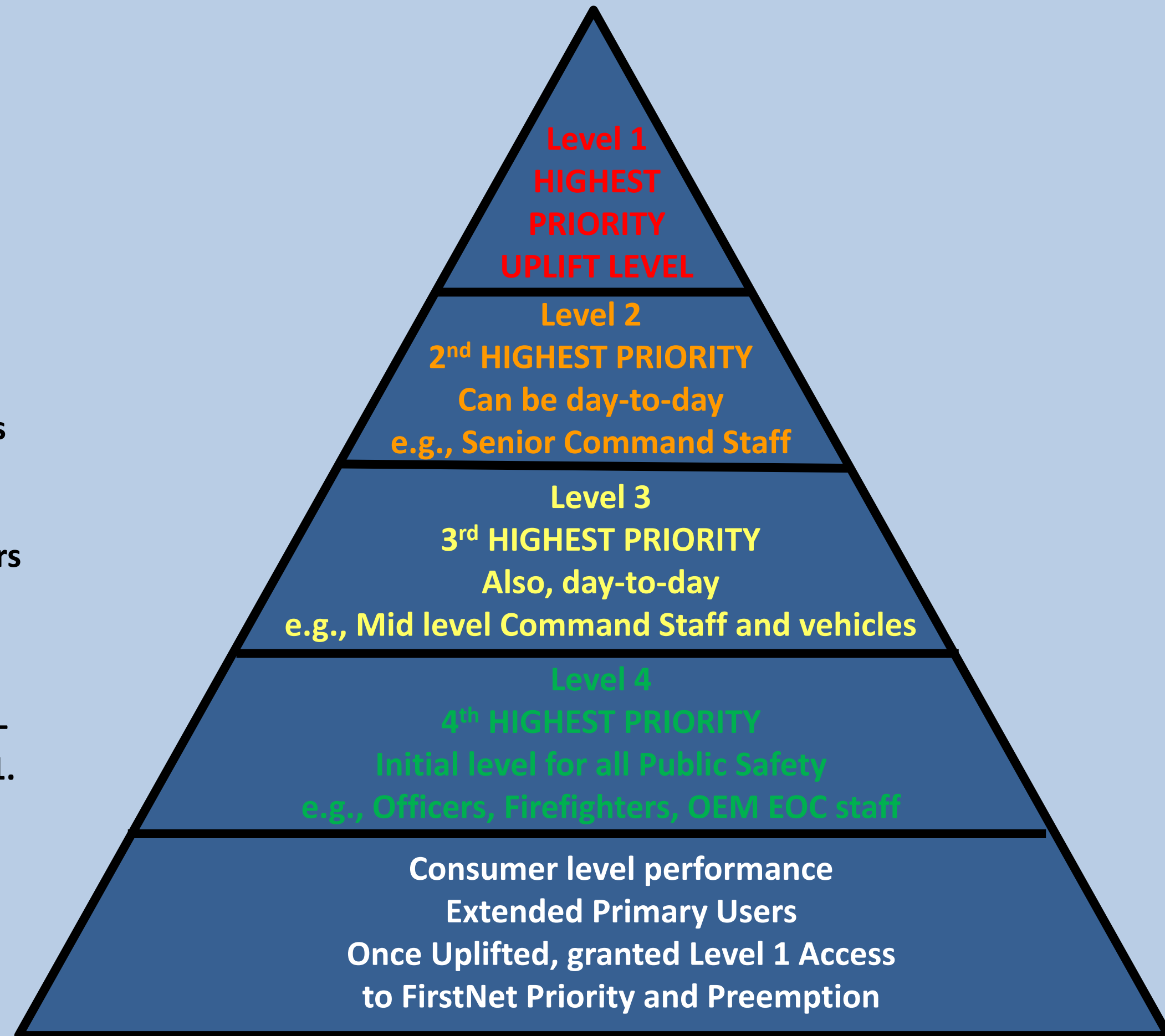
# FirstNet - Uplift

## FirstNet Priority and Preemption Levels

Police/Fire/OEM day to day operations  
Level 2, 3, and 4.

Police/Fire/OEM - Manually Uplift users  
cellphone and or modem to higher  
level.

Prior to the Presidential Inauguration –  
Police and Fire were Uplifted to Level 1.



# Initial Safe City Priorities for 2021 and Beyond...



Equity in  
Public Safety



Planning and  
Resource  
Optimization



Disaster  
Readiness and  
Resilience

# Questions/Feedback



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