

Bay Area UASI

Mutualink SB50 Proof-of-Concept

Approval Authority Meeting

May 12, 2016





Background

- **Phase 1: Super Bowl 50 Proof-of-Concept**
 - Mutualink SB50 Focus Group
 - 4 Counties (San Francisco, San Mateo, Santa Clara, Alameda)
 - 5 Cities (Santa Clara, Mountain View, Sunnyvale, San Jose, Oakland)
 - NCRIC
 - PG&E



Objectives

- To assess the use and effectiveness of various types of Mutualink equipment (legacy equipment, Edge licenses, Go Kits) and to determine the best equipment make-up and placement for various use cases.
- To identify outstanding policy, training, and SOP needs.
- To understand the dual use of CalCOP and Mutualink, and to identify future opportunities for integration.



Mutualink in SB50

- 4 County EOC's (SF, San Mateo, Santa Clara, Alameda)
- 5 City EOC's (Santa Clara, Sunnyvale, San Jose, Mountain View, Oakland)
- City of Santa Clara Command Post: 2 Edge Clients
- California Highway Patrol Mobile Command Vehicle
- 10 Intelligence Agents from the NCRIC / FBI on Edge Devices
- FBI IOC at Moffett Field
- NCRIC Video Collection Center on Taylor
- NCRIC Analyst on Edge Client at Levi Stadium
- SFFD, SFPD, and San Mateo County Sheriff's Office Dispatch Centers
- 6 PG&E Go Kits deployed in strategic locations around Super Bowl City and at Levi's Stadium providing live video feeds
- SF Federal Reserve Bank and Academy of the Arts providing video feeds



Mutualink in SB50

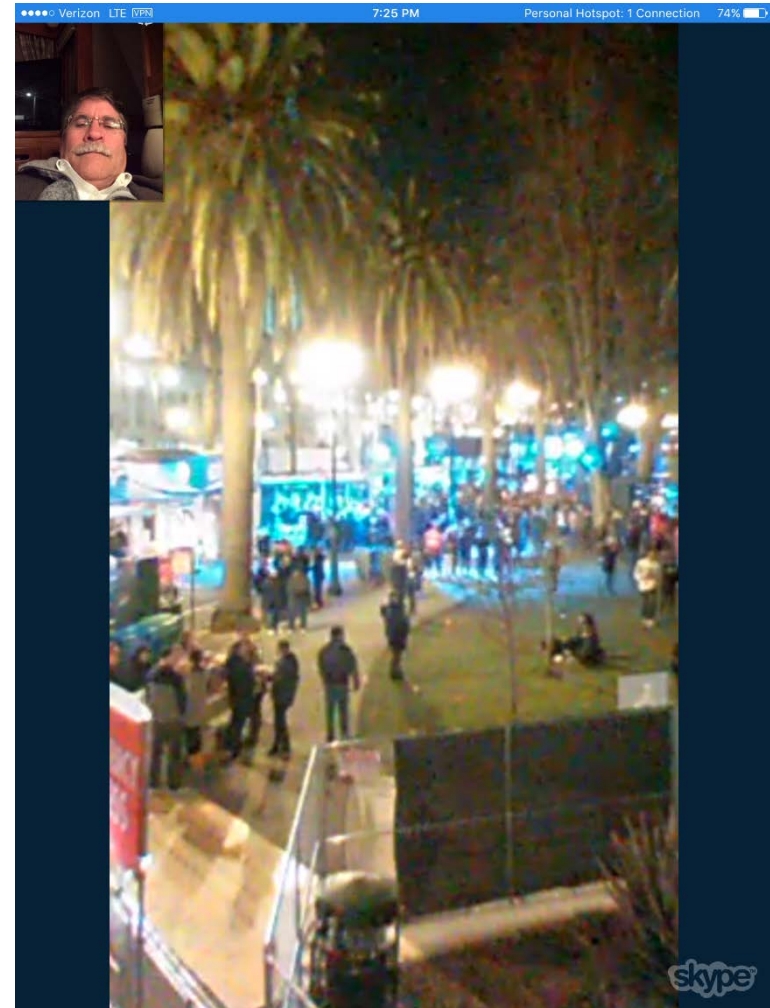
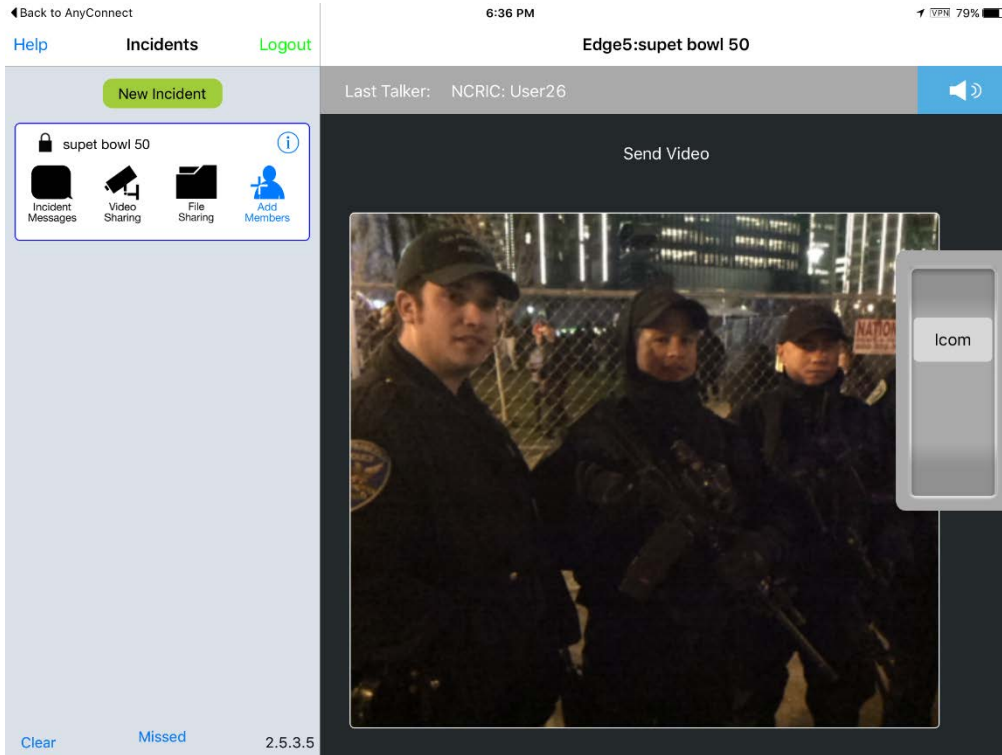


Mutualink at Sunnyvale Joint Information Center (JIC)

Mutualink GoKit at Super Bowl City



Mutualink in SB50



Sonim Phones on Band Class 14 (FirstNet) at Super Bowl City



Outcomes

- All agencies agreed the situational awareness and instant connection between agencies was beneficial and had not been experienced in such a large event in the past.
- As expected, mobile devices running on commercial 4G (Verizon, AT&T) were slowed at times due to heavy use of the networks.
 - Sonim devices on Band Class 14 (FirstNet spectrum) saw no connectivity interruption.
- Training of key personnel should have been arranged for earlier.



Next Steps

- **Phase 2:** Develop a strategy for effective system rollout/expansion, including:
 - Assessing interest region wide.
 - Identifying best practices.
 - Building out policies and SOPs.
 - Identifying and scheduling further training opportunities.
 - Determining equipment needs in anticipation of FY17 project proposals.
- Focus Group will work with the vendor to understand technical issues and develop solutions.
- Focus Group to explore further integration with other situational awareness tools such as CalCOP and WebEOC/CalEOC.