

Bay Area UASI

“Improving First Responder Data Interoperability in the Bay Area”

Approval Authority Meeting

Agenda Item 9

August 10, 2017

Corey Reynolds, Regional Project Manager





Background

Improving First Responder Data Interoperability in The Bay Area



Chloe Brown, MPA Capstone Analytical Project, May 2017
Prepared for the Bay Area Urban Areas Security Initiative

Chloe Brown, MPA

Goldman School of Public Policy
University of California, Berkeley

January – May 2017

- Describes the state of data interoperability for Bay Area first responders
- Identifies FirstNet implementation challenges
- Provides recommendations on how to address these challenges in a cost-effective, equitable, and politically acceptable way



Context

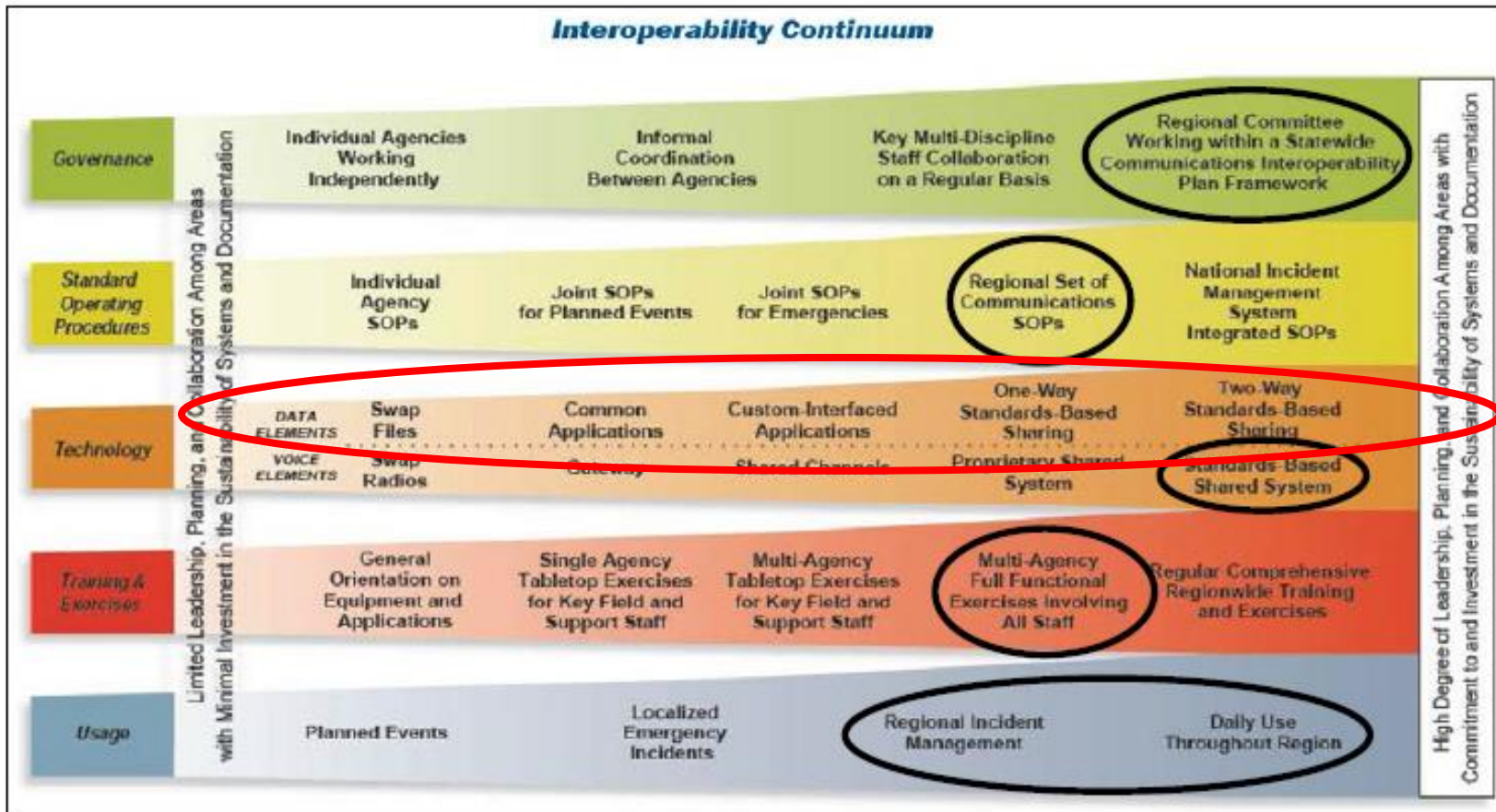
1)



FirstNet™

First Responder Network Authority

2)





Data Interoperability Challenges

- FirstNet uncertainty
- Governance
- Operability vs. interoperability investments
- Insufficient end-user training
- Proprietary apps and services



Key Findings

- Land Mobile Radio (for mission-critical voice) will co-exist with FirstNet and/or other mission-critical data solutions for some time
 - We have lessons learned from LMR deployments → Can avoid similar challenges
- Diverse stakeholders and fragmented regional governance
 - Departments of Technology, CIOs, Public Safety
 - Governance identified as the most challenging obstacle to Bay Area interoperability



Early Builder Lessons Learned

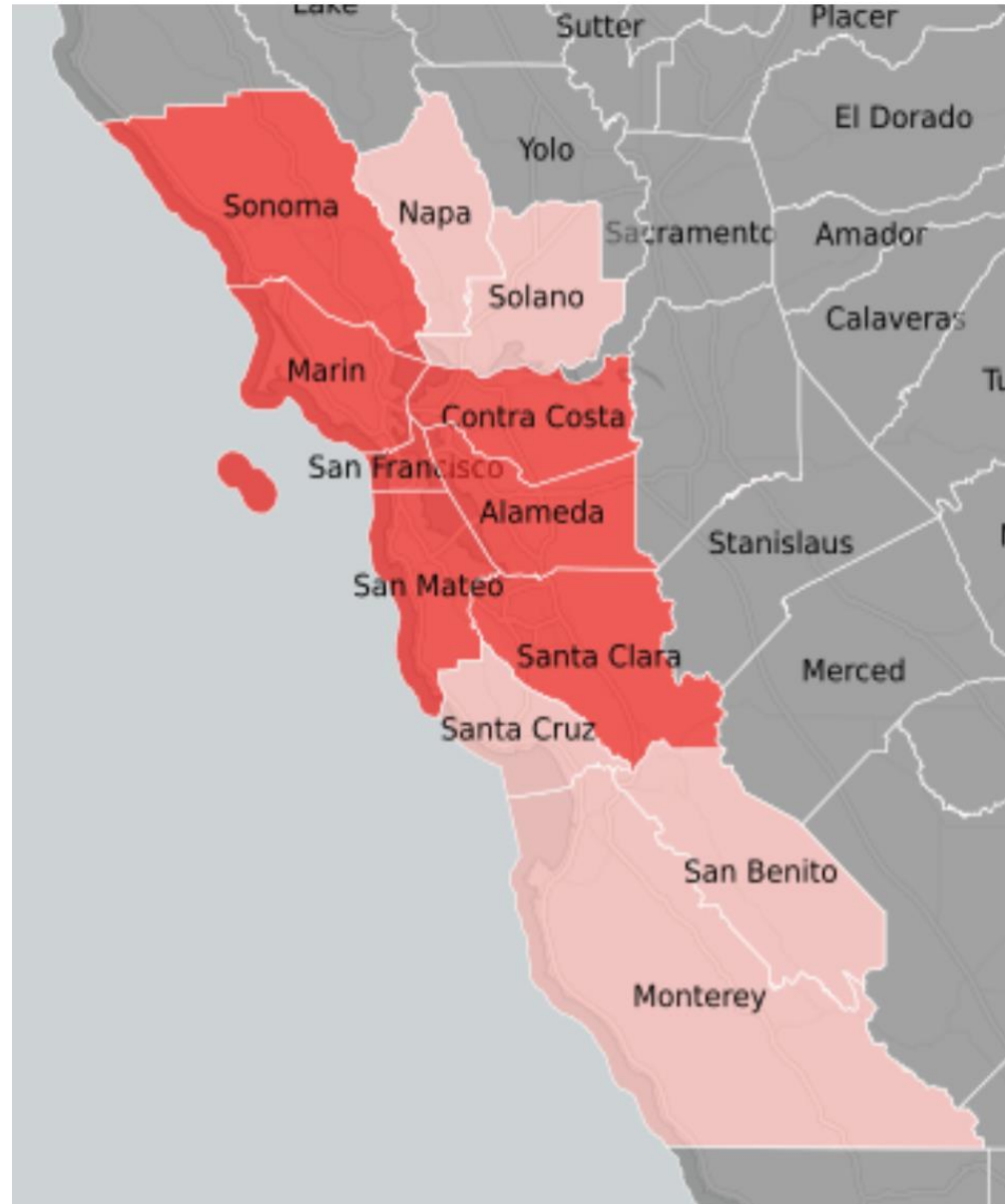


- Application interoperability (not standards-based)
- Limited economies of scale (devices, applications)
- Increased download speeds and capacity



Recommendations & Next Steps

- Better integrate non-BayRICS members into regional governance and coordination structures
- Further align grant funding incentives to support interoperability
 - PRND Equipment Model
- Technology roadmapping
- Shared/regional policies related to data sharing
- Provide opportunities for end-user training
 - BayRICS FY18 UASI Grant



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Questions?

Corey Reynolds

Regional Project Manager

415.353.5231

