# State and Territory Single Points of Contact (SPOC) Meeting

**November 17, 2016 | Phoenix**

**Kevin McGinnis, FirstNet Board Member**

# Conversation Room

# Rural Command Vehicle Interoperable Communications

**Chief Kasey Beal | Deputy Chief**
**Mesa Fire and Medical Department**

# Mesa Fire / Medical Department

# Command Response Vehicle 201

How this mobile command unit will leverage and integrate with the FirstNet Public Safety Broadband Network

# Welcome to Paradise Valley, FirstNet SPOC's!

- The Phoenix-Mesa Metro Automatic Aid Consortium Overview
- CRV 201's role in expanding on-site incident management support
- Why FirstNet is becoming more important than ever in supporting our mission

- CRV 201 Demo and Tour

# Introductions

**Kasey Beal**
Mesa Fire / Medical Department
Technical Services Division Deputy Chief /
Paramedic
UASI Interoperable Communications Co-Chair
Emergency Services Administration BSc

**Tim Proffer**
Mesa Fire / Medical Department
IT Engineer II / Mobile Technology Lead
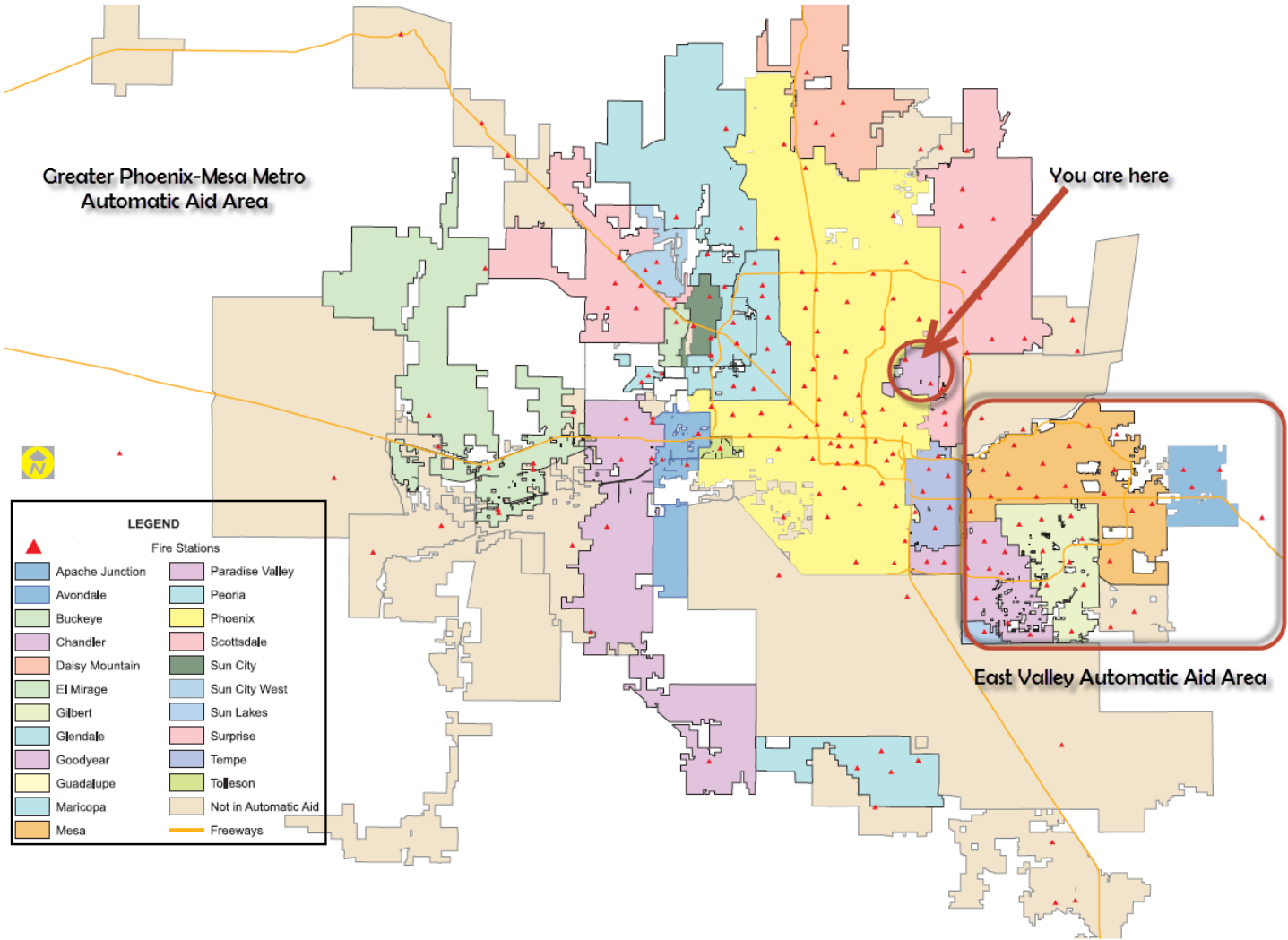
Greater Phoenix-Mesa Metro
Automatic Aid Area

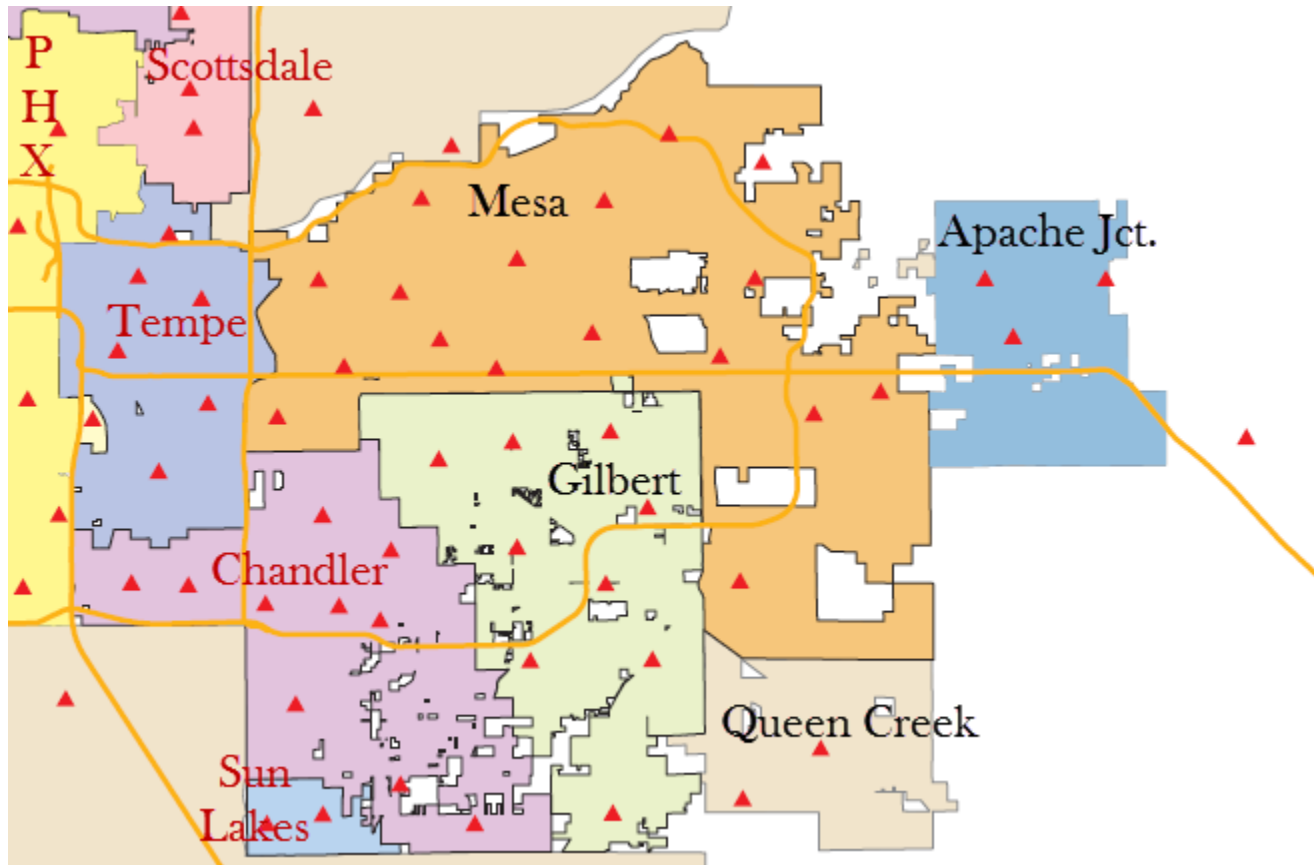You are here

East Valley Automatic Aid Area

LEGEND

▲ Fire Stations

| | |
|---|---|
| Apache Junction | Paradise Valley |
| Avondale | Peoria |
| Buckeye | Phoenix |
| Chandler | Scottsdale |
| Daisy Mountain | Sun City |
| El Mirage | Sun City West |
| Gilbert | Sun Lakes |
| Glendale | Surprise |
| Goodyear | Tempe |
| Guadalupe | Tolleson |
| Maricopa | Not in Automatic Aid |
| Mesa | Freeways |

# Close up view of the Mesa Regional Dispatch Center service area – communities served in BLACK letters.

# The Regional Role of CRV 201

- Responds to incidents and emergencies of great magnitude
  - Hazardous Materials Incidents
  - Commercial Structure and Industrial Fires
  - Aircraft crashes
  - Natural and Man-Made Disasters
- Provides a Command and Planning/Logistics area out of the elements (It gets hot here…)
- A gathering place of high-level departmental, NGO representatives, political officials and the media.
- **Requires high bandwidth availability, in the heart of a disaster zone, for mission-critical communications…**
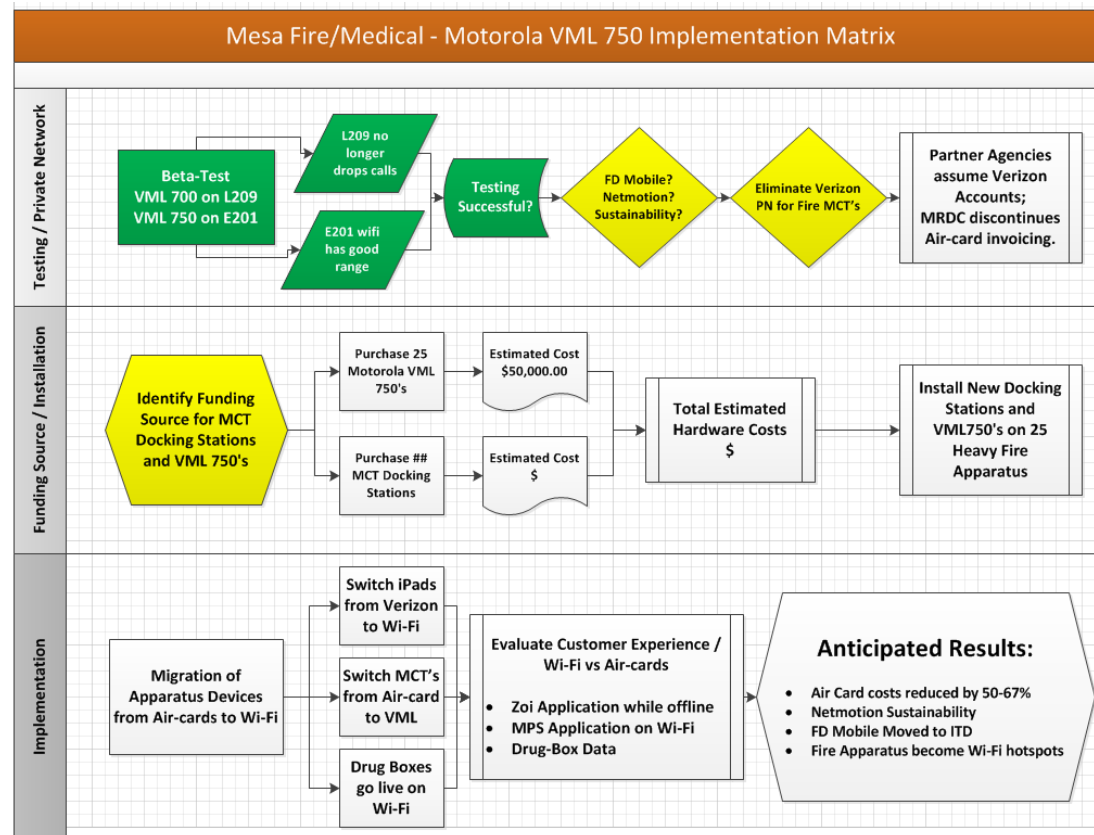
# CRV 201's Technical Highlights

- (1) Motorola VML 750 Wi-Fi hotspot
- (1) Cradlepoint Router
- Sat-Fi
- Direct TV
- 9 Land Mobile Radios (Aviation, UHF, VHF, 700/800 MHz)
- 3 Panasonic CF-31 PC's
- 3 LAN PC's
- Multiple TV Monitors
- Touch-screen Crestron Routing System

# You are selling an idea to a non-technical audience when you are talking with firefighters and chiefs...

Building the network is a huge challenge, but what if only a handful of public safety agencies are in a position to leverage that network at go-live?
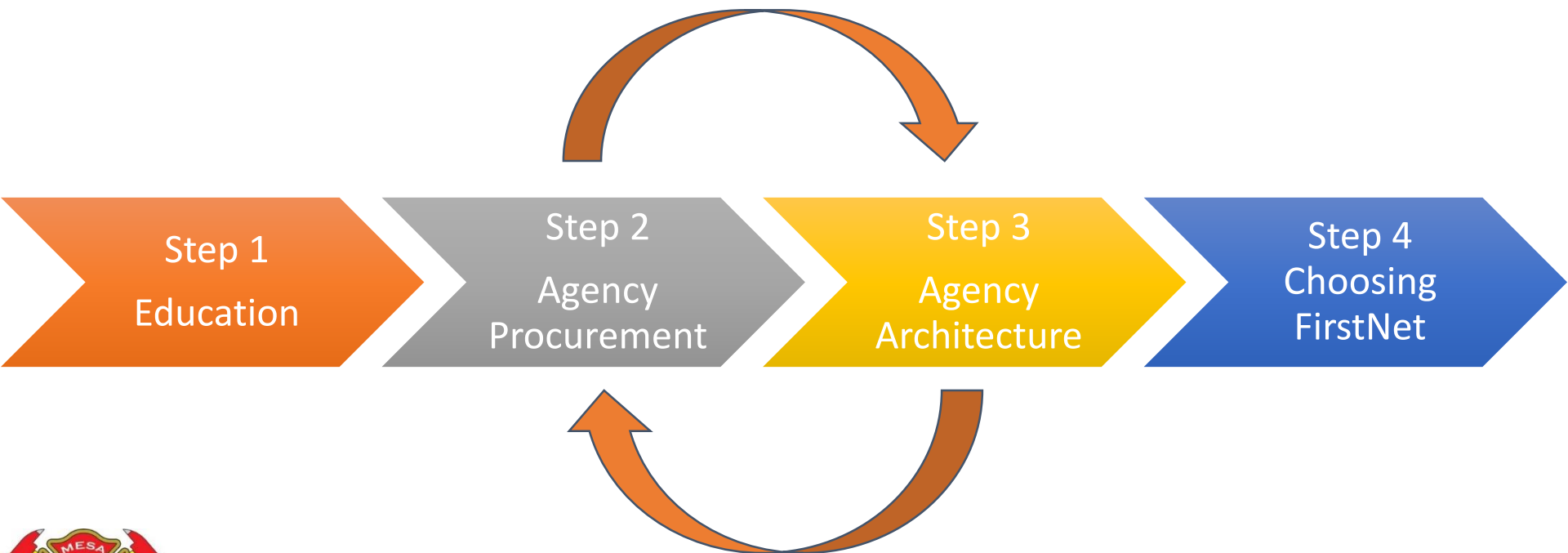
How does that impact the cost and sustainability of the network?

Think now about the major agencies in your respective states... They are buying taxpayer hardware now that may not be able to integrate with FirstNet or not have the budget to buy the necessary hardware in the future if it isn't on their 5 and 10 year roadmaps...



Mesa Fire/Medical - Motorola VML 750 Implementation Matrix

# Engaging the Fire & EMS Community to be FirstNet aware and ready!

Step 1
Education

Step 2
Agency Procurement

Step 3
Agency Architecture

Step 4
Choosing FirstNet

# Summary

- The impending award, and Statewide opt-in/out are HUGE, ***However….***

- Assume those who are in positions to procure technology equipment and articulate their technology needs, need help…

- Municipal budgets are tight!

- Municipal IT departments may be unaware of FirstNet…

- Each party thinks the other party may be taking the 'lead' on developing a FirstNet equipment readiness plan…

- FirstNet may be operational but subscribers may lack the ability to connect, not a desire to connect!

# Questions, Discussion?

**Thank you for your time…**

- Kasey Beal

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# FirstNet
# Town Hall

**TJ Kennedy | Moderator**

**Washington Video**
**http://www.onenet.wa.gov/shots-fired-a-new-documentary-coming-soon/**