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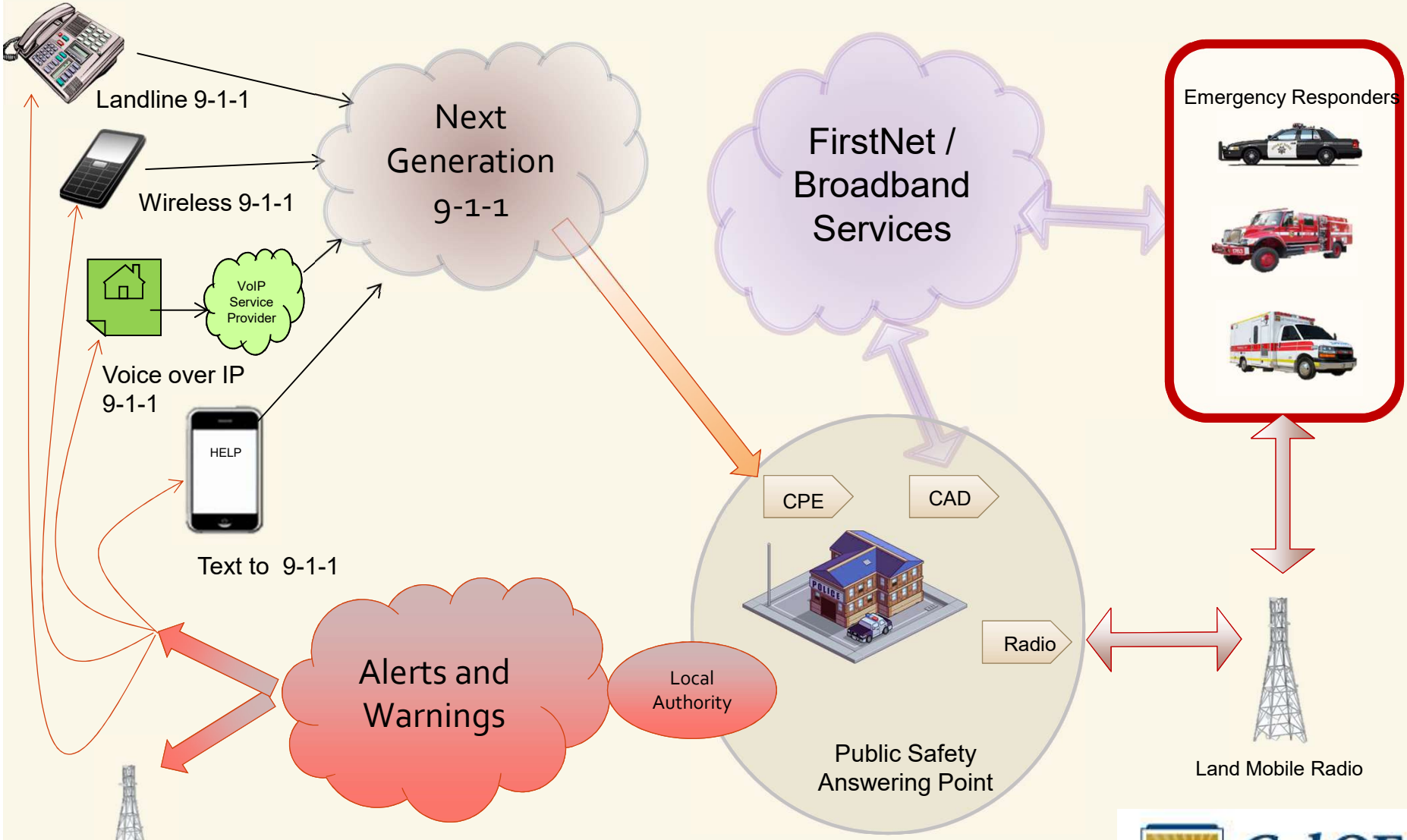
# Broadband Services in California

# Topics

- Connecting the Technology
- FirstNet Review
- Completed Tasks
- Contract Status
- Role of Cal OES
- SWIC Update
- Next Steps

# Connecting the Technology




CPE – Customer Premise Equipment used to answer 9-1-1 calls
CAD – Computer Aided Dispatch used to dispatch emergency responders
LMR – Land Mobile Radio used for mission critical voice communications

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# FirstNet Review

- California has opted into the FirstNet network
  - Agencies are not required to select AT&T
  - Agencies are encouraged to make an informed decision based on their own needs
  - State Contract is in progress, but agencies can work directly with AT&T
- Meeting with AT&T to discuss overall system updates
- State and Local Implementation Grant Program (SLIGP) site visit with the NTIA, scheduled for October 11th

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# Completed Tasks

- Attended 53 public safety outreach meetings to facilitate information sharing since the last CalFRN meeting, June 13th
- Coordinated and attended Regional Planning Area Meetings
- Received FirstNet authorization to gather site data, with potential to fill coverage needs, on 7/3/18
- Participated in a video teleconference training exercise in preparation for Fleet Week's Command Center communications with SOC in October 2018
- Draft California Statewide Communications Interoperability Plan updated
  - Strategic plan to enhance interoperable emergency communications
  - One goal is to develop rules of use for FirstNet/Broadband Services

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# Contract Status

- NASPO does not meet state needs; preference is for a contract vehicle that aligns with State Procurement
- Goal is to complete CALNET contract by October 2018 for AT&T / FirstNet and all other providers by January 2019
- Cal OES is working with CDT and AT&T to define:
  - Broadband Services
  - Unique public safety solution
  - Cost, services, and other important details
    - Local Control Tool
    - Application Interoperability
    - Subscriber Eligibility…
- Agencies can directly negotiate with AT&T

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# FirstNet Contract Timeline (from CDT)

- March 19 Draft contract language released to AT&T
- March 22 Negotiations between California Department of Technology (CDT), Cal OES and AT&T began
- TBD Final version of contract language submitted to Cal OES, CDT, and AT&T for review and approval
- TBD STD 213 executed
- October Onboarding complete; Users can utilize contract
- Cal OES, CDT and AT&T are negotiating contract language

*Timeline may be adjusted based on negotiations*

# Role of Cal OES

- Work with each County/Operational Area to identify coverage needs
- Work with AT&T for site placement to meet public safety needs
- Plan for best practices to identify and classify users
- Gather input from FirstNet users on best practices
- Plan for best practices of Next Gen 9-1-1 integration
- Ensure applications developed are interoperable
- Prepare for emergency communications technology transitions
- Work with AT&T to develop site-hardening plan that includes:
  - Identification of mission-critical sites
  - Generators and battery backup
  - Redundant backhaul

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# The California Broadband Services Division (CalBSD)

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| | |
|---|---|
| Imperial | Riverside |
| Inyo | San Bernardino |
| Kern | San Diego |
| Los Angeles | San Luis Obispo |
| Mono | Santa Barbara |
| Orange | Ventura |

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| El Dorado | Stanislaus |
| Fresno | Tribal Nations |
| Merced | State Agencies |

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|---|---|
| Alameda | San Benito |
| Butte | San Francisco |
| Colusa | San Mateo |
| Contra Costa | Santa Clara |
| Del Norte | Santa Cruz |
| Humboldt | Shasta |
| Lake | Siskiyou |
| Marin | Solano |
| Mendocino | Sonoma |
| Monterey | Trinity |
| Napa | |

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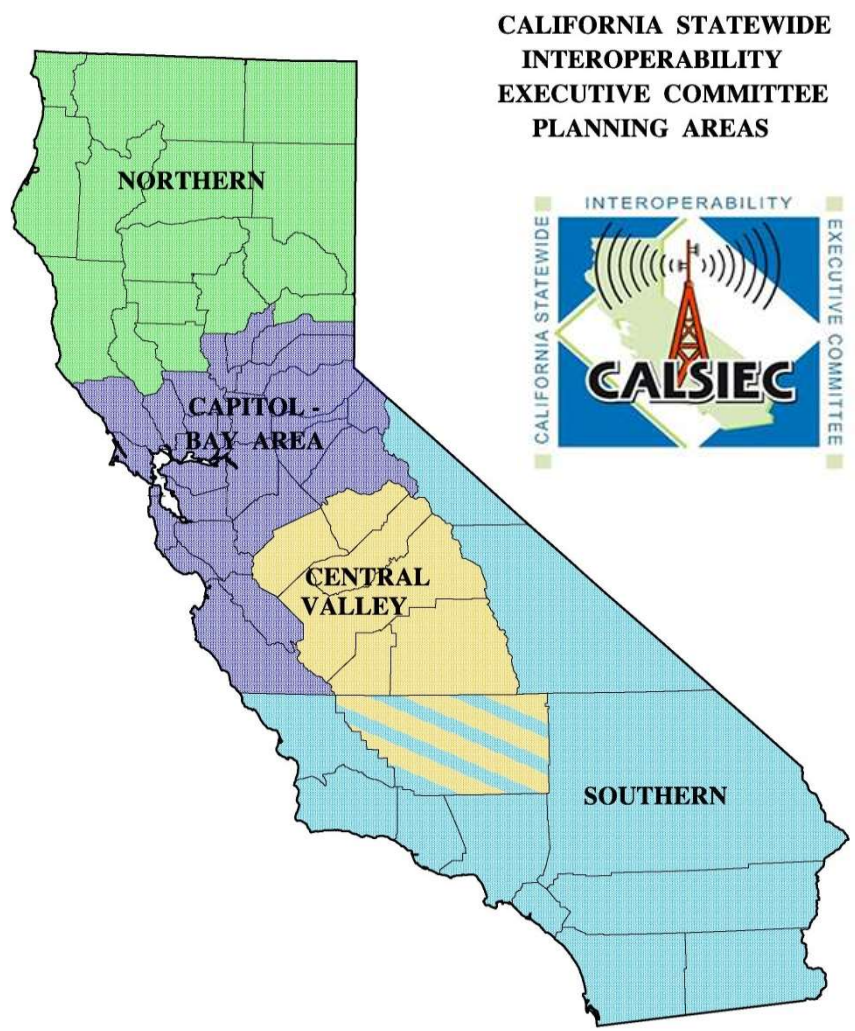
| | |
|---|---|
| Alpine | Plumas |
| Calaveras | Sacramento |
| Glenn | Sierra |
| Kings | Sutter |
| Lassen | Tehama |
| Madera | Tulare |
| Mariposa | Tuolumne |
| Modoc | Yolo |
| Nevada | Yuba |
| Placer | |

# SWIC Updates

# CalSIEC Regions

- CalSIEC Chair
  - Robert Stoffel
- Northern Planning Area
  - Weedy Hannibal – Co-Chair
  - Mike Grant – Co-Chair
- Capital-Bay Planning Area
  - Next Meeting Sept 20 2018
  - Andy Smith - Chair
  - Brent Finster – Vice-Chair
- Central Planning Area
  - *Vacant – Chair*
  - *Vacant – Vice-Chair*
- Southern Planning Area
  - Lee Kaser – Chair
  - Veronica Beaumont – Vice-Chair



# Documents & Governance

- Cal-IFOG – California's Interoperable Field Operations Guide
  - Updated December 2016 – posted on website
  - TA request for electronic/application version
  - eNIFOG – eVersion is available now
    - Search for "eNIFOG" on Apple's App Store (iPhone or iPad) or Google Play (Android) to download apps
- CalSCIP
  - Final version was published May 2016
  - Draft CalSCIP has been sent out for review; Comments are due by Sept 21, 2018. Final Version to be posted October, 2018

# California Technical Assistance Requests

- The Department of Homeland Security's Office of Emergency Communications (OEC) provides Technical Assistance (TA) support to California
- TAs support a variety of communications interoperability issues
  - Keeps technologies up to date and enhances governance policies and the management of COMU resources
  - Integrating public safety communications with FirstNet's National Public Safety Broadband Network
- TA Requests approved in 2017 – pending completion
- APPS- Cal IFOG – Electronic Field Operations Guide Development
  - Coordinated by the SWIC and the CalSIEC Chair - a statewide effort
  - Requested assistance to convert Cal IFOG into a digital application
- TICP-UPDT – Regional TICP Update Workshop
  - Northern Planning Area Regional TICP meeting delayed due to Wildfires
  - Provide assistance in updating TICP's in Northern California and provide a secure website for their storage

# California TA Requests (cont'd)

- Additional Requests as part of 2018 Submission
- Draft of updated CalSCIP out for review
- Operational Comms Assessment/Regional Comms Enhancement Support
  - Southern Planning Area will serve as the lead agency
  - This request will identify the existing communication platforms in place to establish system interconnection (ISSI) and establish 16 to 32 common talk paths
- TRG-COML- COML Course (Completed)
  - Capital Bay Planning Area
  - Provide a COML Course for Bay Area of California that will be used to update COML certifications prior to COMMEX
- COMMEX for COMU Trainees
  - Southern Planning Area and Cal OES
  - Leverage Radio Rodeo - November 13-14, 2018

# Next Steps

- Cal BSD will continue to focus on multi-jurisdictional planning during emergencies/catastrophes
- Cal OES will continue to work with Counties to identify coverage needs/gaps
- Cal OES will continue collaboration efforts
  - Monthly meetings with AT&T
  - Quarterly meetings with FirstNet
  - Meetings with operational areas
- Continue to provide ESF-2 Communications support in the State Operations Center (SOC)
- Upcoming CalFRN Board Meetings
  - December 12 1:00-3:00 PM

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# Questions?