Cal OES

GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Broadband Services in California

Topics

- Connecting the Technology
- FirstNet
  - Completed Tasks
  - Current Progress
  - Role of Cal OES
  - Next Steps
- SWIC Updates
- Technical Assistance (TA) Requests

What's New in CA 9-1-1 Branch?

Effective: February 2018

California 9-1-1 Emergency Communications Branch

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CA 9-1-1 Branch
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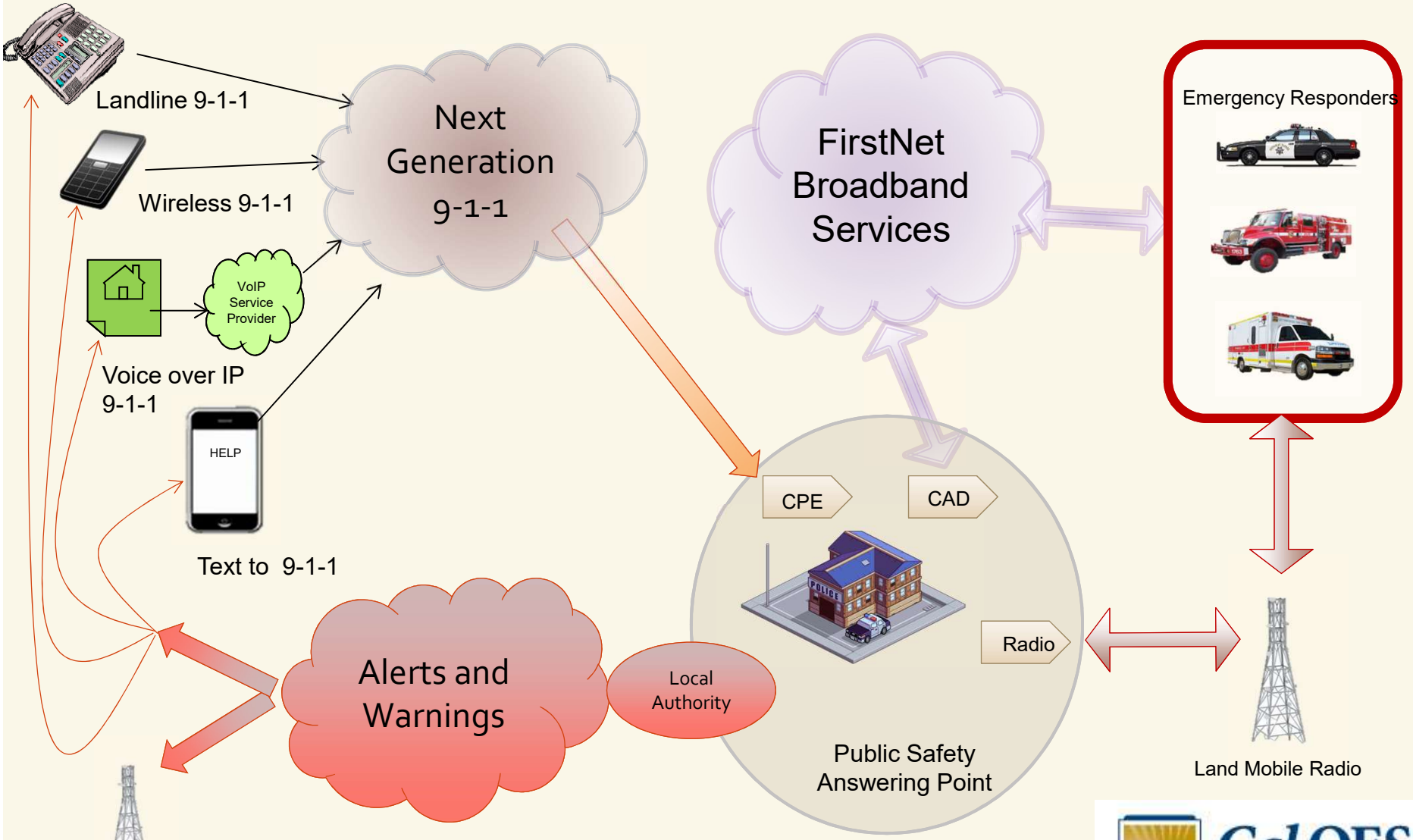
Connecting the Technology



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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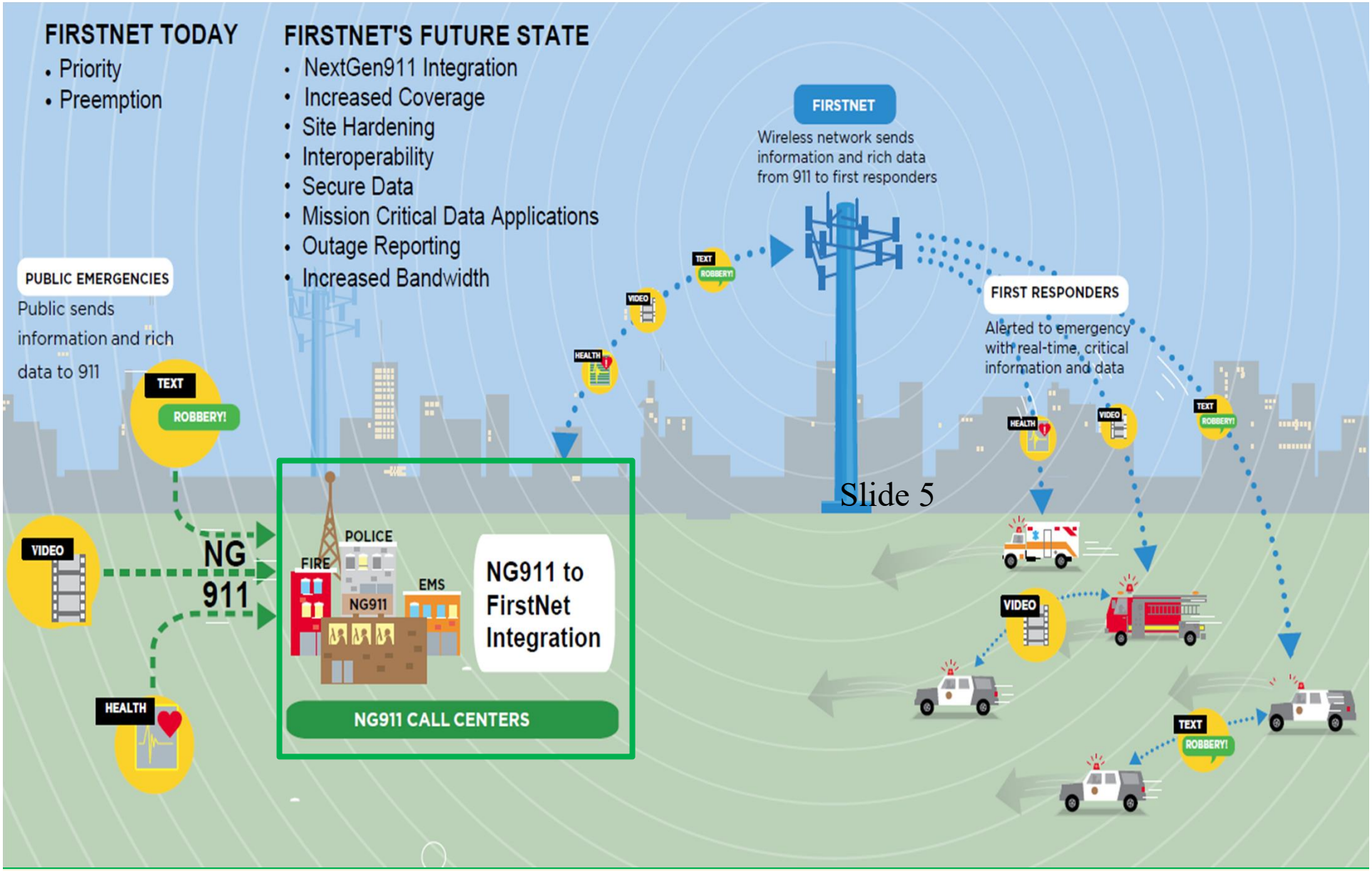

Integrating NextGen 9-1-1 & FirstNet

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Completed Tasks

- Cal OES completed outreach meetings on the draft State Plan in June/July of 2017
- Cal OES clearly defined the needs and priorities that must be supported by FirstNet
- Over a 90-day period, Cal OES and CalFRN worked with AT&T to significantly improve the offer letter
  - Final Letter received 12/20
- Gaps still remain and Cal OES is working with AT&T and FirstNet to continually improve the plan
- California has opted into the FirstNet network, but subscribing is an agency choice
  - Opting in gave AT&T the ability to buildout Band 14 in CA

Planned Improvements

- AT&T *plans* to build “hundreds” of new sites in CA through 2027
  - Cal OES will work with each County/Operational Area to identify coverage needs
  - Cal OES will work with AT&T for site placement to meet public safety needs
- “Site Hardening”
  - Identify mission-critical sites
  - Generators and battery backup
  - Redundant backhaul
- Discuss process to identify and classify users
- Discuss FirstNet core/data network DOJ certification process for CLETS/CJIS information

Year-One Site Selection

- Provided California's priorities to FirstNet/AT&T
- Conducted 12 Cal OES outreach meetings
- Reviewed 687 FirstNet portal comments and feedback
- Provided AT&T with 571 CA critical location coverage list
- Additional coverage gaps were identified using:
  - Comments and feedback
  - Individual meetings with some Counties
- Data used to select first 30 sites

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Agency Costs

- Each agency/department can choose AT&T for their mobile data needs, or select a different wireless broadband service provider
- Possible cost to migrate existing equipment as you Bring Your Own Device (BYOD) to new network
- Connection requirements at PSAPs need to be determined
- AT&T Data Plan for devices defined on NASPO
- Agencies would manage users through an interactive portal
- California Dept. of Technology working on State Contract

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 begin
- March 26 Continued Negotiations
- March 30 Final version of contract language submitted to Cal OES, CDT, and AT&T for review and approval
- April 16 STD 213 executed
- May 1 Onboarding complete; Users can begin utilizing contract

Timeline may be adjusted based on negotiations

What Does My Agency Need to Know?

- You choose your broadband service provider
- Cal OES has developed a list of questions that are available on our website
  - Goal is to educate users
  - Questions can be asked of any broadband service provider
  - Questions can be used to gather data needed to make an informed decision
- State Contract is not available today
  - Once a State Contract is in place, all agencies in the State can use the contract
  - All agencies also have the ability to negotiate directly with a broadband service provider

Cal OES' Relationship with AT&T

- Establishing priority of new construction and coverage enhancements
- Ensuring applications developed are interoperable
- Establishing California User Portal parameters
- Ensuring operational needs, best practices and rules of use are not restricted by system design and capabilities

Governance Discussion

CalFRN Primary Purpose

- Coordinate with FirstNet efforts
- Provide policies, practices, procedures, guidance and direction for California's participation in the Nationwide Public Safety Broadband Network (NPSBN)
- Review, arbitrate, and make final recommendations regarding unresolved issues on guidance, training, and federal compliance

CalSIEC Mission

- Provide a governance structure that meets the needs of the operational areas and public safety agencies within California and provide the oversight needed to support statewide interoperability strategies

Discussion on Governance model

Cal OES' Next Steps

- Submit a list of top five critical sites in each county to the Cal OES Broadband Services Division through the point of contact for each County
- Cal OES will continue to work with AT&T to enhance the FirstNet network
  - Monthly meetings with AT&T
  - Quarterly meetings with FirstNet
  - Meetings with operational areas
- Next CalFRN Board Meeting to be held on June 13, 2018

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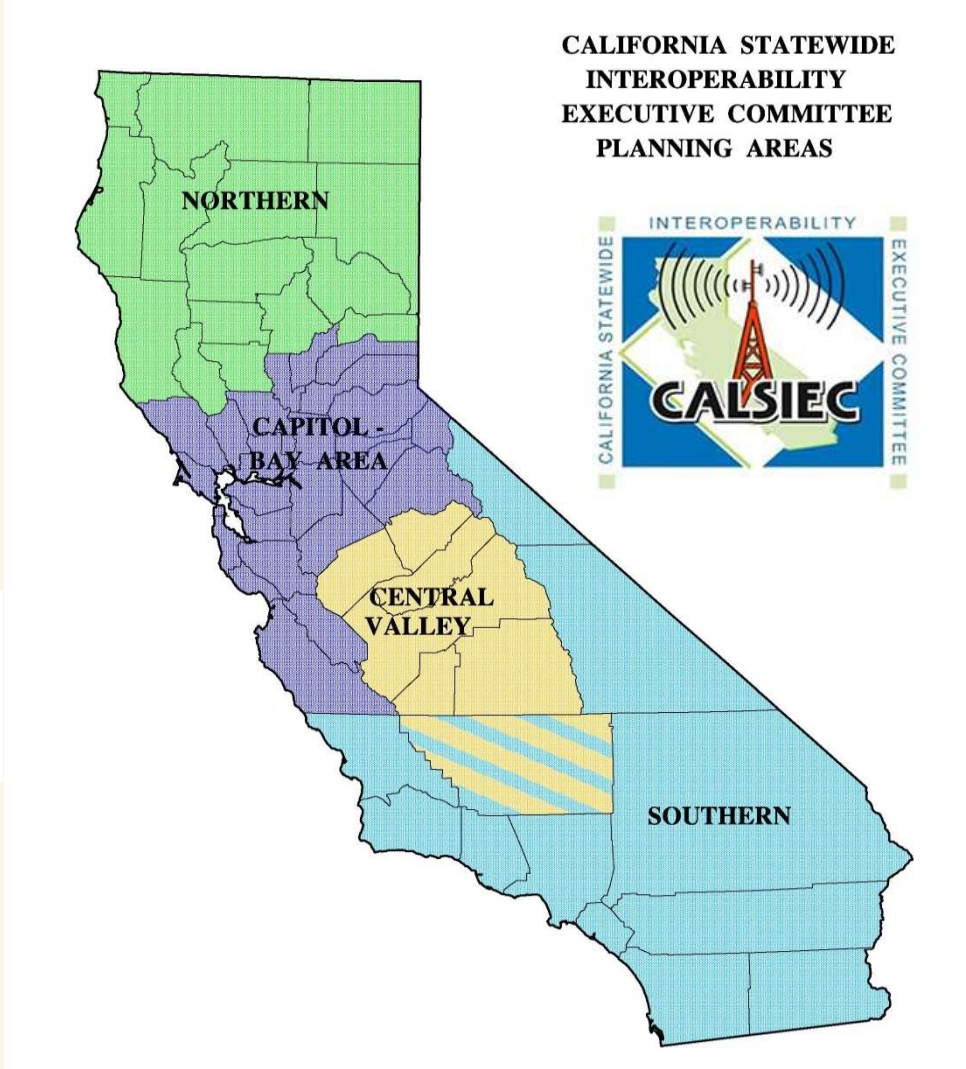
Lassen	Tehama
Madera	Tulare
Mariposa	Tuolumne
Modoc	Yolo
Nevada	Yuba
Placer	

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 March 26, 2018
  - 10-11 am in Dublin, CA.
  - Andy Smith - Nominated Chair
  - Brent Finster – Nominated Vice-Chair
- Central Planning Area
  - Rebecca Campbell – Chair
  - Clay Smith – Vice-Chair
- Southern Planning Area
  - Lee Kaser – Chair
  - Veronica Beaumont – Vice-Chair



Documents & Governance

- Cal-IFOG
  - Updated December 2016 – posted on website
  - TA request for electronic/application version
    - Available Summer 2018
  - NIFOG – 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
    - Next Update 2018 – Part of TA Request

California TA Requests

- Requests approved in 2017 – pending completion
- APPS-FOG – Electronic Field Operations Guide Development
  - Coordinated by the SWIC and the CalSIEC Chair since it is a statewide effort
  - Requested assistance in converting current IFOG into a digital application that can be accessed from a mobile device or tablet
  - Updated IFOG will be sent to OEC by Feb 2018
  - Expect Electronic IFOG by mid-2018
- TICP-UPDT – Regional TICP Update Workshop
  - Northern Planning Area
  - Provide assistance in updating TICP's in Northern California and provide a secure website for their storage
  - Regional TICP will be completed by mid-2018
- Additional Requests as part of 2018 Submission
- SCIP Update – April – June 2018

California TA Requests (cont'd)

- Operational Comms Assmnt/Regional Comms Enh Supt
  - 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
  - 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 in November of 2018

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Questions?