



# COLLABORATIVE EFFORTS OF CalSIEC AND PSRSPC MEMBERS

## CA's STRATEGY TO ACHIEVE INTEGRATION, MODERNIZATION & INTEROPERABILITY

California Statewide Interoperability  
Executive Committee (CalSIEC)

Northern Planning Area Meeting

September 29<sup>th</sup>, 2006

# CA PUBLIC SAFETY AGENCY BASIC MISSION

- ▶ “...to provide a wide range of support including law enforcement, fire protection, disaster response, transportation management, flood control, water conveyance and storage, criminal detention and rehabilitation, search and rescue, and other services to over 36 million residents and 44 million visitors to the CA each year”.

# CA PUBLIC SAFETY AGENCY BASIC MISSION

- ▶ In order to effectively and responsively provide these services, the State's public safety agencies must be able to:
  - ▶ dispatch work assignments to field personnel
  - ▶ receive information about situations in the field from field personnel
  - ▶ provide immediate field access to information such as warrants, vehicle registrations, terrain access, missing persons, gun registrations, et cetera; and,
  - ▶ determine the need for, and then provide, additional resources in response to field situations.

# A COMPELLING CASE FOR CHANGE...

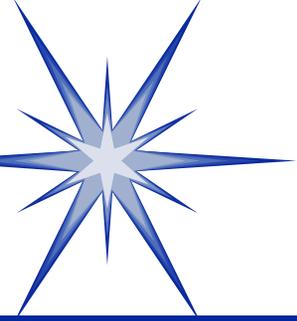
- ▼ Current California Public Safety Wireless Communications Systems Status
  - ▶ “...lack of effective and reliable radio communications is impeding California’s state public safety agencies’ ability to perform their most elemental mission: the protection of life and property....”

# CALIFORNIA'S RESPONSE

- ▶ CalSIEC and the PSRSPC have initiated a collaborative effort to develop a statewide strategy for public safety radio communications in CA.

# CALIFORNIA'S RESPONSE: CaISIEC

- ▶ Established in 2003 by OES in response to a FCC tasking for the management of designated interoperability spectrum
- ▶ Comprises representatives of local, tribal, state, and federal first-responder organizations within California



# CALIFORNIA'S RESPONSE: CaISIEC

- ▼ In collaboration with the PSRSPC, CaISIEC is developing a comprehensive Statewide Communications Interoperability Plan (SCIP) consolidating all of California's current discipline-specific communications plans and establishing technical and operational protocols and governance structures for interoperability at all levels.

# CALIFORNIA IN PERSPECTIVE

▼ **Comprises 158,869 mi<sup>2</sup>, an area comparable to the the combined areas of the following adjacent states:**

▶ Pennsylvania (46,058 miles<sup>2</sup>)

▶ New York (53,989 miles<sup>2</sup>)

▶ Vermont (9,615 miles<sup>2</sup>)

▶ New Hampshire (9,283 miles<sup>2</sup>)

▶ Connecticut (5,544 miles<sup>2</sup>)

▶ Massachusetts (9,241 miles<sup>2</sup>)

▶ Rhode Island (1,231 miles<sup>2</sup>)

▶ New Jersey (8,215 miles<sup>2</sup>)

▶ Delaware (2,396 miles<sup>2</sup>)

▶ Maryland (12,297 miles<sup>2</sup>)

▶ Washington, D.C. (68 miles<sup>2</sup>)

**or, 157,937 miles<sup>2</sup>.**

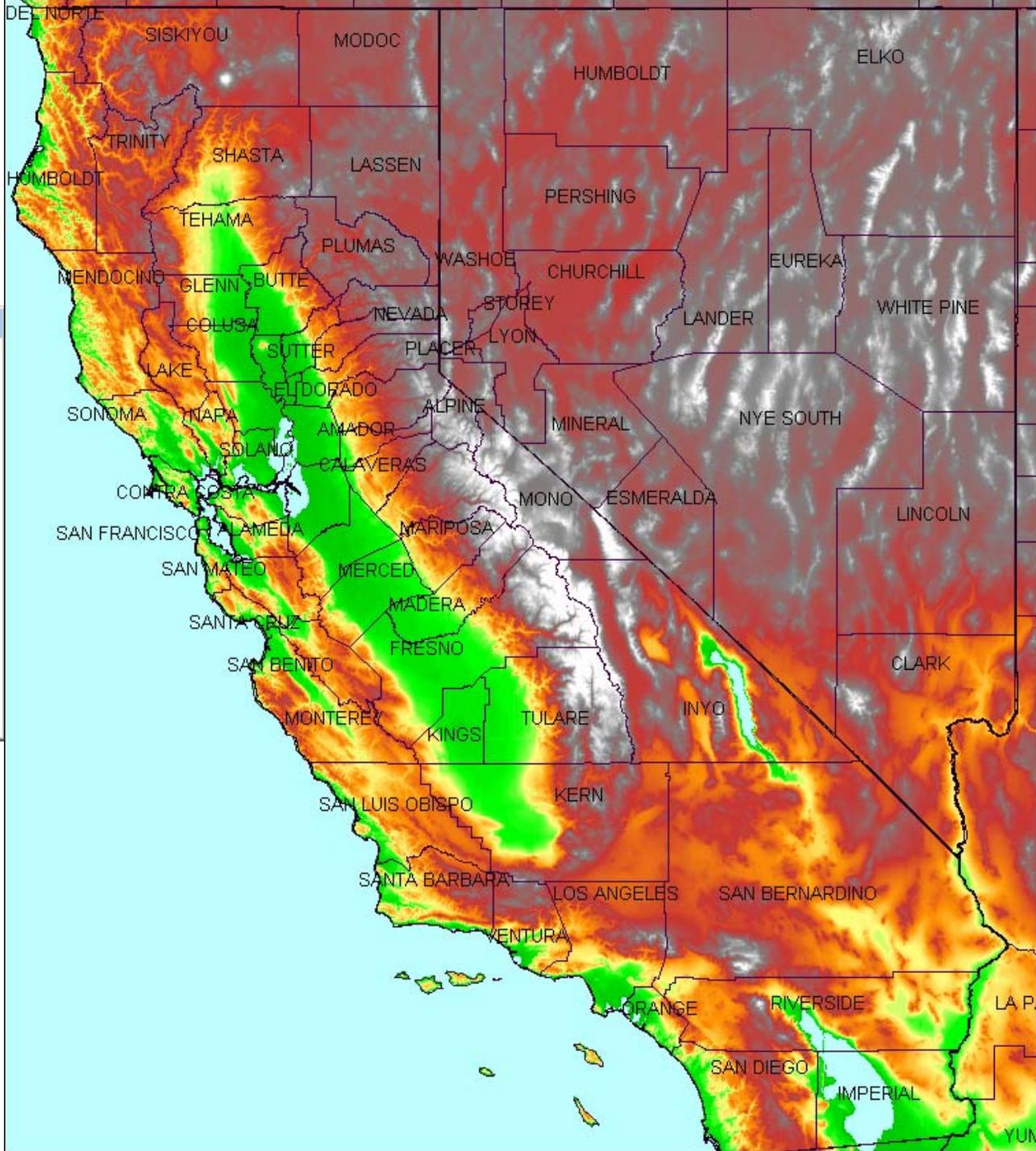
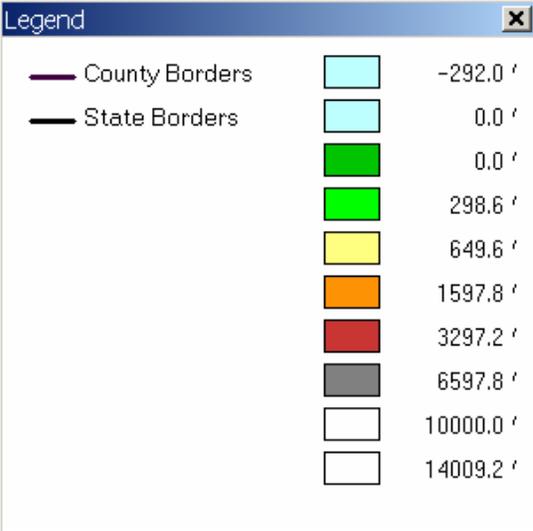
# CALIFORNIA IN PERSPECTIVE

## ▼ 770 miles in length

### ▶ Comparable distances:

- Philadelphia, Pennsylvania to Jacksonville, Florida (761 miles)
- Chicago, Illinois to Mobile, Alabama (770 miles)
- Fort Worth, Texas to Atlanta, Georgia (750 miles)
- Las Vegas, Nevada to Amarillo, Texas (753 miles)
- Butte, Montana to Flagstaff, Arizona (745 miles)

## ▼ 250 miles wide



Lowest point: Death Valley (-282 ft.)  
 Highest point: Mount Whitney (14,494 ft.)

# SIEC PLANNING AREAS

*(Kern County participates in both Planning Areas)*



# PUBLIC SAFETY RADIO STRATEGIC PLANNING COMMITTEE (PSRSPC) PARTICIPANTS



**CHP**



**EMSA**



**CDF**



**DFG**



**OHS**



**DPR**



**DOJ**

**CDCR**



**DWR**

# CALIFORNIA'S RESPONSE: PSRSPC

- ▶ The PSRSPC and its collaborative efforts were subsequently sanctioned through legislation known as “The Public Safety Communications Act of 2002”. This act, reflecting the influence of all subsequent legislation, can be found under *California Codes, Government Code Section 8592-8592.7* at:

- ▶ <http://www.leginfo.ca.gov>

# CALIFORNIA'S RESPONSE: PSRSPC

## ▼ 2006 Bills

- ▼ SB 1132 (now Government Code)
- ▼ AB 1848 (before the Governor)
- ▼ AB 2041 (before the Governor)
- ▼ AB 2116 (before the Governor)

# PUBLIC SAFETY RADIO STRATEGIC PLANNING COMMITTEE (PSRSPC) PARTICIPANTS



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**DPR**



**DOJ**

**CDCR**



**DHS** \*PENDING



**MD** \*PENDING



**DOF**

\*PENDING



**DWR**

# PS COMMUNICATIONS ACT OF 2002 AS AMENDED

- ▶ PSRSPC sanctioned and charged with:
  - ▶ primary responsibility in state government for developing and implementing a statewide integrated public safety communication system that facilitates interoperability among state public safety departments and coordinates other shared uses of the public safety spectrum
  - ▶ consulting with any regional planning committee or other federal, state, or local entity with responsibility for developing, operating, or monitoring interoperability of the public safety spectrum

# PS COMMUNICATIONS ACT OF 2002 AS AMENDED

- ▼ PSRSPC sanctioned and charged with:
  - ▶ consulting with the following organizations and entities:
    - (1) California State Peace Officers Association.
    - (2) California Police Chiefs Association.
    - (3) California State Sheriffs' Association.
    - (4) California Professional Firefighters.
    - (5) California Fire Chiefs Association.
    - (6) California State Association of Counties.
    - (7) League of California Cities.
    - (8) California State Firefighters Association.
    - (9) California Coalition of Law Enforcement Associations.
    - (10) California Correctional Peace Officers Association.
    - (11) CDF Firefighters.
    - (12) California Union of Safety Employees.
    - (13) The Military Department.

# PS COMMUNICATIONS ACT OF 2002 AS AMENDED

- ▶ PSRSPC sanctioned and charged with:
  - ▶ developing a model memorandum of understanding that sets forth general terms for interoperability or other shared uses among jurisdictions, which may be modified as necessary
  - ▶ determining which state public safety departments need new or upgraded communication equipment
  - ▶ establishing a program for equipment purchase conforming to accepted industry standards for interoperability
  - ▶ report to the Legislature by January 1 of each year on the committee's progress in implementing this article.

# PARTNER ORGANIZATIONS

## ▼ Federal

- ▶ The *SAFECOM Program* provides research, development, testing and evaluation, guidance, and assistance for local, tribal, state, and federal public safety agencies working to improve public safety response through more effective and efficient interoperable wireless communications.
- ▶ The *Interoperable Communications Technical Assistance Program (ICTAP)* provides technical assistance on communications interoperability issues, primarily to Urban Area Security Initiative (UASI) cities

# INTEROPERABILITY

- ▼ What is communications interoperability?
  - ▶ In general, interoperability refers to the ability of public safety emergency responders to work seamlessly with other systems or products without any special effort. Wireless communications interoperability specifically refers to the ability of public safety officials to share information via voice and data signals on demand, in real time, when needed, and as authorized.

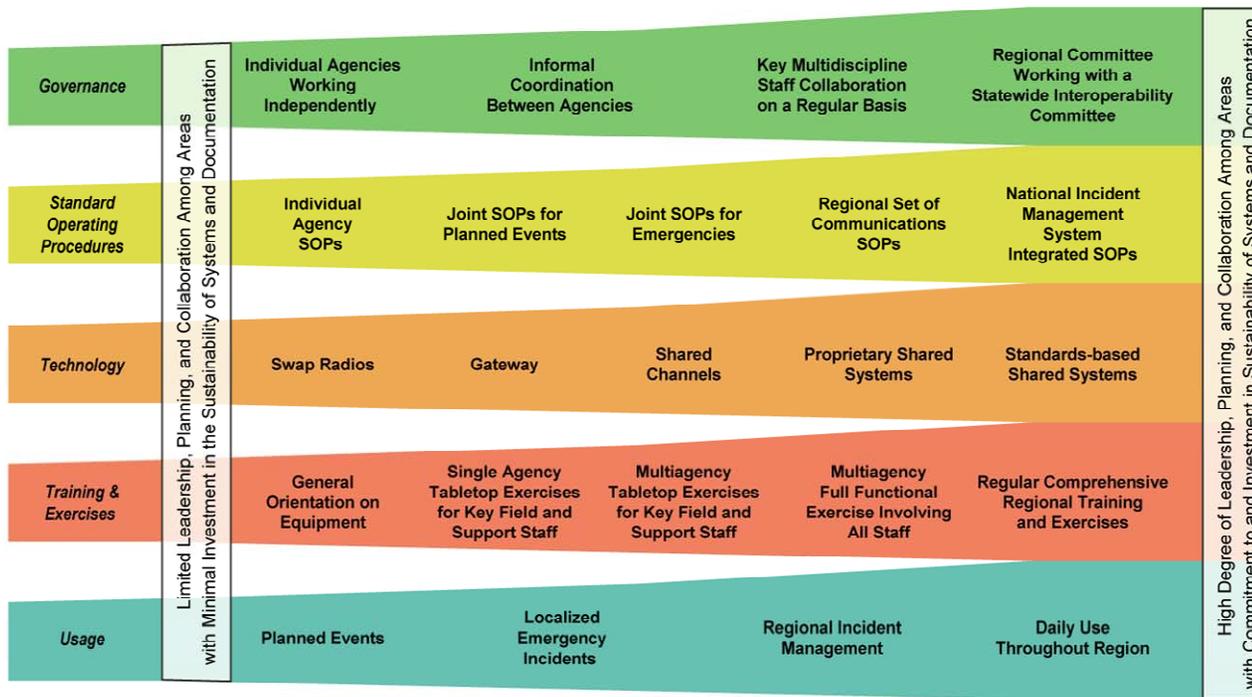
# INTEROPERABILITY

- ▼ Five critical success factors essential to interoperable systems have been identified and advanced by public safety representatives. These are:
  - ▶ Governance
  - ▶ Standard Operating Procedures (SOP's)
  - ▶ Technology
  - ▶ Training & Exercises
  - ▶ Usage

# INTEROPERABILITY



## Interoperability Continuum



# Questions



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