



**California Statewide Communications Interoperability Planning
(CalSCIP) Effort:
Northern Planning Region**

2. Strategy	
<input type="checkbox"/> Green	<p>2.1 Describe the strategic vision, goals, and objectives for improving emergency response interagency wireless communications statewide, including how they connect with existing plans within the state.</p> <p>Supporting Information:</p> <ul style="list-style-type: none"> • Of 18 counties in the region, at least seven that have submitted draft TICP's • The Northern CalSEIC Planning Area group determined that each operational area would develop a TIC Plan, which then would be evaluated for plan consolidation with other operational areas and added to an overall Region and State TIC Plan
<input type="checkbox"/> Yellow	<p>2.2. Provide a strategic plan for coordination with neighboring states. If applicable, include a plan for coordination with neighboring countries.</p> <p>Supporting Information:</p> <ul style="list-style-type: none"> • Oregon? • Nevada? ○
<input type="checkbox"/> Red	<p>2.3. Provide a strategic plan for addressing data interoperability in addition to voice interoperability.</p> <p>Supporting Information</p>
<input type="checkbox"/> Green	<p>2.4. Describe a strategy for addressing catastrophic loss of communication assets by developing redundancies in the communications interoperability plan.</p> <p>Supporting Information</p> <ul style="list-style-type: none"> ○ Radio Cache ○ Mutual Aid ○ Gateways
<input type="checkbox"/> Green	<p>2.5. Describe how the plan is, or will become, compliant with the National Incident Management System (NIMS) and the National Response Plan.</p> <p>Supporting Information</p> <ul style="list-style-type: none"> • SEMS • COM-L Training Across the State
<input type="checkbox"/> Yellow	<p>2.6. Describe a strategy for addressing communications interoperability with the safety and security elements of the major transit systems, intercity bus service providers, ports, and passenger rail operations within the state.</p> <p>Supporting Information</p> <ul style="list-style-type: none"> • Participate in governance • SHASCOM, CALFIRE, CHP, OES membership on governance committee • Include in periodic functional exercises
<input type="checkbox"/> Green	<p>2.7. Describe the process for periodic review and revision of the state plan.</p> <p>Supporting Information:</p>



- Describe PSRSPC & CalSIEC Collaboration.



3. Methodology

Green

3.1. Describe the method by which multi-jurisdictional, multi-disciplinary input was provided from all regions of the state. For an example of a methodology that ensures input from all regions, see the Statewide Communication Interoperability Plan, or SCIP, methodology developed by SAFECOM.

Supporting Information:

- Visiting each region to gather input while drafting the CalSCIP

Green

3.2. Define the process for continuing to have local input and for building local support of the plan.

Supporting Information:

- Monthly meetings
- Multi-jurisdictional, multi-disciplinary membership
- Monitoring and assisting in the development of TICPs for all areas

Green

3.3. Describe how the TICPs were incorporated into the statewide plan.

Supporting Information:

- Information will be included as part of the Technology “Systems of systems” for each region

Yellow

3.4. Describe the strategy for implementing all components of the statewide plan.

Supporting Information:

- PSRSPC, CALSIEC & Regional Bodies are responsible



4. Governance	
<input type="checkbox"/> Yellow	4.1. Identify the executive or legislative authority for the governing body of the interoperability effort.
Supporting Information: <ul style="list-style-type: none"> • Mutual Aid Areas • Regional Areas • TICP governance • 	
<input type="checkbox"/> Yellow	4.2. Provide an overview of the governance structure that will oversee development and implementation of the plan. Illustrate how it is representative of all of the relevant emergency response disciplines and regions in the state.
Supporting Information: <ul style="list-style-type: none"> • PSRSPC, CalSIEC & Regional Bodies • Proposed Initiative 4: Identify and support a dedicated California Interoperability Coordinator responsible for the implementation of the CalSCIP and coordination of statewide communications interoperability planning. <ul style="list-style-type: none"> – SAFECOM Criteria 10.6 – Tasks include: <ul style="list-style-type: none"> • Developing an outreach plan educating policy makers and practitioners 	
<input type="checkbox"/> Yellow	4.3. Provide the charter for the governing body, and use the charter to state the principles, roles, responsibilities, and processes.
Supporting Information: <ul style="list-style-type: none"> • CALSIEC and PSRSPC will develop a Memoranda of Understanding (MOU)—there is an initiative to address this in the plan 	
<input type="checkbox"/> Green	4.4. Identify the members of the governing body and any of its committees.
<input type="checkbox"/> Green	4.5. Provide a meeting schedule for the governing body.
<ul style="list-style-type: none"> • CalSIEC roughly meets monthly • PSRSPC technical working groups meet monthly • Regional Bodies meet regularly 	
<input type="checkbox"/> Yellow	4.6. Describe multi-jurisdictional, multi-disciplinary agreements needed for decision making and for sharing resources.
Supporting Information: <ul style="list-style-type: none"> • Executing Memoranda of Understanding (MOU) and Sharing Agreements for interoperable communications. • Proposed Initiative 3: Define and strengthen the integration between the Mutual Aid Regions and the CALSIEC Planning Areas for coordinated development and implementation <ul style="list-style-type: none"> – SAFECOM Criteria 4.2 	



5. Technology	
<input type="checkbox"/> Yellow	<p>5.1. Include a statewide capabilities assessment (or a plan for one) which includes, critical communications equipment and related interoperability issues. At a minimum this should include types of radio systems, data and incident management systems, the manufacturer, and frequency assignments for each major emergency responder organization within the state. Ultimately more detailed information will be required to complete the documentation of a migration strategy. States may use the Communications Asset Survey and Mapping (CASM) tool to conduct this assessment.</p> <p>Supporting Information:</p> <ul style="list-style-type: none"> • Not all localities have completed or submitted the surveys • Proposed Initiative 6: Identify a process for completion of the statewide capabilities assessment by leveraging TICPs and CASM if appropriate. <ul style="list-style-type: none"> ○ SAFECOM Criteria 5.1 ○ Tasks include: <ul style="list-style-type: none"> – Evaluate CASM in detail, to identify and address any CASM deficiencies or variances relative to the state’s requirements – Encourage all localities to insert technical and geographical data into CASM – Encourage all localities to allow for statewide sharing of CASM data – (Note: this will be enhanced once OHS provides us with their CASM methodology and objectives)
<input type="checkbox"/> Yellow	<p>5.2. Describe plans for continuing support of legacy systems, and developing interfaces among disparate systems, while migrating to newer technologies.</p> <p>Supporting Information:</p> <ul style="list-style-type: none"> • Shared Channel Plans/Talk Around Plans
<input type="checkbox"/> Yellow	<p>5.2.1. Describe the migration plan for moving from existing technologies to newly procured technologies.</p> <p>Supporting Information:</p> <ul style="list-style-type: none"> • System of Systems Vision for the state • Will upgrade equipment as necessary • Working towards operability in the North • Proposed Initiative 5: Provide a dedicated resource and/or initiative action team to develop and implement the System of Systems Preliminary Draft Project Plan (see System of Systems Preliminary Draft Project Plan Appendix X). <ul style="list-style-type: none"> ○ SAFECOM Criteria 5.2 ○ Tasks include: <ul style="list-style-type: none"> – Coordinate with the regions and localities to ensure necessary operability of the existing systems is addressed – Develop an RFI for obtaining industry expertise on the interconnections in the Systems of System concept – Further refine the System of Systems Statement of Requirements (SoR) refer to Appendix x). – Consider the Functional and Operational Considerations Checklist that will be employed to verify all stakeholder requirements are accommodated by the developing System of Systems solution (see Appendix x in CalSCIP).
<input type="checkbox"/> Green	<p>5.2.2. Describe the process that will be used to ensure that new purchases comply with the statewide plan, while generally allowing existing equipment to serve out its useful life.</p> <p>Supporting Information:</p>



- **Government code—8592. (Bill)**
- **Procurement review process**

Major Statewide Systems:

- **Radio Caches** – explicit cache provider responsibilities and rules of use
- **Shared Channels**
 - CALCORD – California On-scene Coordination Channel (Mobile Only)
- **Gateways**
 - **Fixed site gateways SHASCOM**
 - **Mobile Gateways**
- **Mutual Aid Channels**
- **Linked Channels**
- **Special “Permanent Patch” – Redding PD/Shasta S.O.**
- **City of Redding Trunked Radio System**
- **Shared System Primary Users of the Shasta County Fire VHF System**
- **SHASCOM**



6. Standard Operating Procedures (SOPs)	
<input type="checkbox"/> Yellow	<p>6.1. Include an assessment of current local, regional, and state operating procedures which support interoperability.</p> <p>Supporting Information:</p> <ul style="list-style-type: none"> • Mutual Aid Memorandum of Understanding • SOPs—CLEMARS, FIREMARS, CESRS, etc. • FIRESCOPE
<input type="checkbox"/> Yellow	<p>6.2. Define the process by which the state, regions, and localities will develop, manage, maintain, upgrade, and communicate standard operating procedures (SOPs), as appropriate.</p> <ul style="list-style-type: none"> • Supporting Information: • Question: how does the North communicate SOPs? • Proposed Initiative 8: Provide a dedicated resource and/or initiative action team to develop a communications Field Operations Guide as an effort to compile the statewide SOPs (add tasks). <ul style="list-style-type: none"> ○ SAFECOM Criteria 6.0 • Proposed Initiative 11: Define a statewide process for the approval and use of shared interoperability channels (add tasks) <ul style="list-style-type: none"> ○ SAFECOM Criteria 6.2 • Proposed Initiative 12: Build upon and enhance on existing regional level efforts for coordination with neighboring states and Mexico at the OES and CALSIEC levels <ul style="list-style-type: none"> ○ SAFECOM Criteria 2.2 • Proposed Initiative 13: Develop any needed statewide planning for communications interoperability with safety and security elements of the major transit systems, ports, and rail operations <ul style="list-style-type: none"> ○ SAFECOM Criteria 2.6 • Proposed initiative 9: Develop a Mutual Aid Gateway SOPs (add tasks) <ul style="list-style-type: none"> ○ SAFECOM Criteria 6.0
<input type="checkbox"/> Yellow	<p>6.3. Identify the agencies included in the development of the SOPs, and the agencies expected to comply with the SOPs.</p> <p>Supporting Information:</p> <ul style="list-style-type: none"> • Cite PSRSPC & CalSIEC organizations
<input type="checkbox"/> Yellow	<p>6.4. Demonstrate how the SOPs are NIMS-compliant in terms of the Incident Command System (ICS) and preparedness.</p> <ul style="list-style-type: none"> • Achieve NIMS compliance through offering and encouraging state agency participation in a classes and on-line course • Each locality on own • SEMS/NIMS • Proposed Initiative 10: Create a Common Language Protocol across California (add tasks) <ul style="list-style-type: none"> ○ SAFECOM Criteria 6.0 ○ Plain language - All Communications shall be in plain language. Radio codes, acronyms and abbreviations are to be avoided as they may cause confusion between agencies. Requests for assistance or backup should clarify the reason for the request ○ Unit Identification - Agency name shall precede unit identifier, i.e., operations, logistics, command, information, liaison • Incident Command structure • Unified Command Staff



7. Training and Exercises

Yellow

7.1. Define the process by which the state will develop, manage, maintain, and upgrade, or coordinate as appropriate, a statewide training and exercise program.

Supporting Information:

- CSTI Training, but it focuses on disaster mitigation and recovery topics
- OES website/federal exercise calendar
- **Proposed Initiative 7: Develop a training strategy and implement a long-term, continuous training program for communications interoperability.**
 - SAFECOM Criteria 7.1
 - Tasks Include:
 - Continue to enhance and augment an interoperable communications training program that is SEMS/NIMS compliant.
 - Coordinate with the CSTI and the six Mutual Aid Regions to identify, develop, coordinate and promote statewide multi-discipline communications interoperability training efforts.
 - Develop statewide COML training curriculum and class offerings
 - Design an equipment training program for the various cache resources and telecommunications equipment available via mission tasking requests.
 - Collaborate with CALSIEC on the development of a multi-discipline communications training program.
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Yellow

7.2. Describe the process for offering and requiring training and exercises, as well as any certification that will be needed.

Supporting Information:

- NIMS Required On-Line Training
- See Initiative 7

Yellow

7.3. Explain how the process ensures that training is cross-disciplinary.

Supporting Information:

- Establishing training requirements in support of TIC Plans, including exercising and testing systems and procedures
- See Initiative 7



8. Usage

Green

8.1. Describe the plan for ensuring regular usage of the relevant equipment and the SOPs needed to improve interoperability.

Supporting Information:

- Gateway usage
- Radio cache usage for special events



9. Funding

Red 9.1. Identify committed sources of funding, or the process for identifying and securing short- and long-term funding.

Supporting Information:

- Bonds
- Grants
- 911 Fees
- Subscriber fees or agency user fees
- COPS Grants
- Independent funding strategies for northern planning area and City of Sacramento

Red 9.2. Include a plan for the development of a comprehensive funding strategy. The plan should include a process for identifying ongoing funding sources, anticipated costs, and resources needed for project management and leveraging active projects.

Supporting Information:

- **Proposed Initiative 14: Develop a funding sustainability plan leveraging ongoing efforts**
 - SAFECOM Criteria 9.1 & 9.2

***Funding limited due to rural population and limited tax base.**



10. Implementation	
<input type="checkbox"/> Green	10.1. Describe the prioritized action plan with short- and long-term goals for achieving the objectives.
<input type="checkbox"/> Green	10.2. Describe the performance measures that will allow policy makers to track the progress and success of initiatives.
<input type="checkbox"/> Green	10.3. Describe the plan for educating policy makers and practitioners on interoperability goals and initiatives.
<input type="checkbox"/> Yellow	10.4. Describe the roles and opportunities for involvement of all agencies in the implementation of the statewide plan.
<input type="checkbox"/> Red	10.5. Establish a plan for identifying, developing, and overseeing operational requirements, SOPs, training, technical solutions, and short- and long-term funding sources.
Supporting Information: <ul style="list-style-type: none">• Initiative to facilitate this will be in the plan	
<input type="checkbox"/> Red	10.6. Identify a POC responsible for implementing the plan.
Supporting Information: <ul style="list-style-type: none">• Initiative to facilitate this will be in the plan	
<input type="checkbox"/> Green	10.7. Describe critical success factors for implementation of the plan.