

Public Safety Communications Commission (PSCC)

WYOMING STATEWIDE COMMUNICATION INTEROPERABILITY PLAN



November 2018

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US Department of Homeland Security, Office of Emergency Communications

DRAFT – INTERNAL WORKING DOCUMENT

LETTER FROM THE SWIC



Greetings,

I am pleased to provide to you the 2018 Wyoming Statewide Communication Interoperability Plan (SCIP). This SCIP represents Wyoming's continued commitment to improving emergency communications interoperability and supporting the public safety practitioner community throughout the state. In addition, this update meets the requirement of the recently released Fiscal Year 2018 Department of Homeland Security (DHS) grant guidelines as well as designating a full-time Statewide Interoperability Coordinator (SWIC).

Representatives from Wyoming's Public Safety Communications Commission (PSCC), along with state and local agencies, collaborated to update the SCIP with actionable and measurable goals and objectives. These goals and objectives focus on governance, technology, and funding and sustainability, and are designed to support our state in planning for new technologies and navigating the ever-changing emergency communications ecosystem. They also incorporate activities identified by Wyoming's state team during the National Governors Association (NGA) Northwest Regional Workshop held in Portland, OR on May 16-17, 2018.

As we continue to enhance interoperability, we must remain dedicated to improving our ability to communicate among disciplines and across jurisdictional boundaries. With help from public safety practitioners statewide, we will work to achieve the goals set forth in this SCIP and become a nationwide model for statewide interoperability.

Sincerely,

Troy Babbitt
Wyoming Statewide Interoperability Coordinator



EXECUTIVE SUMMARY



On November 8-9, 2018, Wyoming hosted a Statewide Communication Interoperability Plan (SCIP) Workshop to develop goals to improve interoperable emergency communications in three key areas: governance, technology, and funding and sustainability. Wyoming's Statewide Interoperability Coordinator (SWIC), Troy Babbitt, conducted this SCIP Workshop after attending the NGA Northwest Regional Meeting in Portland, OR on May 16-17, 2018. During the NGA meeting, participants identified action items and goals to support efforts to revitalize the state's governance structure, which were then incorporated into the SCIP Workshop. Participants at the SCIP Workshop included representatives from state and local public safety agencies across the state, one of whom served on Wyoming's PSCC.

During the SCIP Workshop, participants developed the following goals:

- Update the PSCC as the advisory body for interoperable emergency and public safety communications in the State of Wyoming
- Establish full-time 911 Coordinator, SWIC, and Deputy SWIC positions
- Rename Telecommunications Program to Emergency Communications Program
- Conduct outreach and education to state and local entities about the SCIP
- Refine a Communications Unit Program
- Continue expansion and development of and participation in comprehensive statewide interoperable emergency communications system
- Maintain existing systems and infrastructure and adopt emerging technologies with a focus on statewide LMR, broadband, 911/NG911, and alerts and warnings
- Develop a five-year financial plan for the operation of WyoLink and existing legacy systems
- Identify sustainable funding mechanisms for achieving interoperable public safety communications goals
- Develop an NG911 Plan

This updated SCIP meets the Fiscal Year (FY) 2018 DHS State Homeland Security Grant Program (HSGP) Notice of Funding Opportunity requirements. As stated, all states and territories must update their SCIP by the end of the FY 2018 HSGP period of performance (36 months), with a focus on communications resilience/continuity, to include assessment and mitigation of all potential risks.



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INTRODUCTION



Interoperability & Emergency Communications Overview

Reliable, timely communications among public safety responders and between public safety agencies and citizens, is critical to effectively carrying out public safety missions, and in many cases, saving lives.

Traditional voice capabilities, such as land mobile radio (LMR) and landline 911 services have long been and continue to be critical tools for communications. However, the advancement of internet protocol (IP) based technologies in public safety, has increased the type and amount of information responders receive, the tools they communicate with, and the complexity that comes with new and interdependent systems. Both the promise and challenges new technologies bring increase the need for coordination across public safety disciplines, communications functions, and levels of government to ensure emergency communications capabilities are interoperable, reliable, and secure.

An example of this evolution is the First Responder Network Authority's (FirstNet) implementation of the Nationwide Public Safety Broadband Network (NPSBN). All 50 states, including Wyoming, have opted-in to FirstNet. With this new system, agencies will be able to supplement existing LMR capabilities to provide public safety users with spectrum, broadband capabilities, and the means to move and transfer data as never before. Its adoption and implementation will entail close coordination with 911 administrators, dispatch supervisors, LMR systems managers and managers of alert and warning systems to ensure interoperability and cybersecurity are not sacrificed as agencies begin adopting wireless cellular devices for daily operations. Wyoming public safety uses a variety of LMR systems, including WyoLink which is a very high frequency (VHF) Project 25 (P25) compliant digital trunked system with 95% mobile coverage statewide.

Similarly, the transition of public-safety answering points (PSAPs) to Next Generation 911 (NG911) technology will enhance sharing of critical information in real-time through the use of multimedia—such as pictures, video, and text — among citizens, PSAP operators, dispatch



centers, and first responders. Wyoming has identified a need to establish a full-time 911 Coordinator position and develop an NG911 Plan to centralize the planning for NG911 in the state. While the benefits of NG911 are tremendous, interfacing systems along with governance, standard operating procedures, training and funding are necessary to fully realize these benefits and ensure the security of information are all key elements to successful implementation.

The emergency communications ecosystem consists of communications across all technologies for incident response operations, notifications, requests for assistance and reporting, and public information exchange. The primary functions of the emergency communications ecosystem are depicted in the 2014 National Emergency Communications Plan (NECP)¹.

The SAFECOM² Interoperability Continuum serves as a framework to address challenges and continue improving operable/interoperable and public safety communications. It is designed to assist public safety agencies and policy makers with planning and implementing interoperability solutions for communications across technologies.

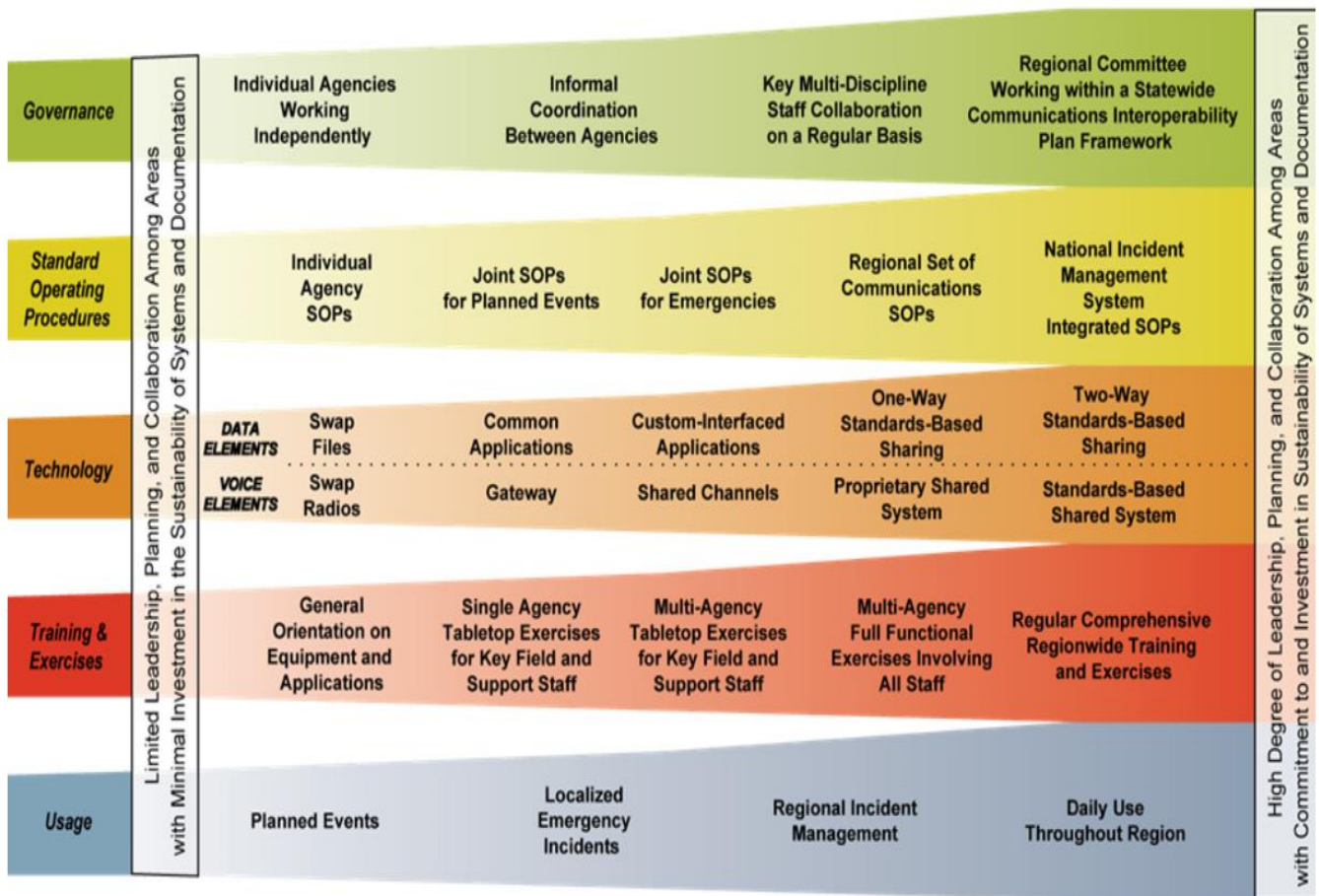


Figure 1: SAFECOM Interoperability Continuum

¹ 2014 NECP: <https://www.dhs.gov/publication/2014-national-emergency-communications-plan>

² SAFECOM Interoperability Continuum: <http://www.safecomprogram.gov/oeccguidancedocuments/continuum/Default.aspx>



Vision & Mission

The following outlines Wyoming's vision and mission for emergency and public safety communications:

Vision:

“High quality statewide operable and interoperable communications in Wyoming”

Mission:

“To save lives and property by providing reliable emergency communications in Wyoming”

Wyoming SCIP Overview

- **Overview of Goals & Objectives.** Provides an Executive Summary of the SCIP Goals & Objectives and their intended benefits.
- **Governance.** Describes the current governance mechanisms for communications interoperability within the state, as well as successes, challenges, and priorities for improving governance for the evolving landscape.
- **Technology.** Outlines public safety technology and operations needed to maintain and enhance interoperability across the emergency communications ecosystem.
- **Funding & Sustainability.** Describes the funding sources and allocations that support interoperable communications capabilities within the state, along with methods and strategies for funding sustainment and enhancement to meet long-term goals.
- **Implementation Plan.** Describes how the State plans to implement, maintain, and update the SCIP, to enable continued evolution of and progress toward Wyoming's interoperability goals.



GOALS, OBJECTIVES & BENEFITS

The following section provides a high-level overview of the Wyoming SCIP goals, objectives, and intended benefits:

GOAL	OBJECTIVES	BENEFITS
1. Update the PSCC as the advisory body for interoperable emergency and public safety communications in the State of Wyoming	1.1 Update charter of the PSCC	Provide active participation of the PSCC members to support the emergency communications ecosystem
	1.2 Update the rules of the PSCC to define emergency and public safety communications to include LMR, broadband, 911/NG911, and alerts and warnings	
	1.3 Establish consensus standards for interoperable communications in the State of Wyoming to be reviewed annually	
	1.4 Ensure accurate continual coordination of regional representation	
2. Establish full-time 911 Coordinator, SWIC, and Deputy SWIC positions	2.1 Define reporting hierarchy of the 911 Coordinator, SWIC, and Deputy SWIC and establish governance	Enhanced coordination and efficiencies in support of the emergency communications ecosystem
3. Rename Telecommunications Program to Emergency Communications Program	3.1 Develop proposal for executive leadership	Promotes the importance, collaboration and coordination of the entire emergency communications ecosystem



GOAL	OBJECTIVES	BENEFITS
<p>4. Conduct outreach and education to state and local entities about the SCIP</p>	<p>4.1 Determine marketing and messaging strategy (consider outsourcing) to conduct road shows and presentations to stakeholders (i.e. Wyoming Association of Municipalities [WAM], Wyoming Association of County Officers [WACO], Wyoming County Commissioners Association [WCCA], Wyoming Association of Sheriffs and Chiefs of Police [WASCOP], Wyoming Fire Chief’s Association [WFCA], Wyoming All Hazards Association [WAHA], Association of Public-Safety Communications Officials [APCO], National Emergency Numbers Association [NENA])</p>	<p>Provide a consistent messaging and education to support the efforts of PSCC and the emergency communications ecosystem</p>
<p>5. Develop a Communications Unit Program</p>	<p>5.1 Conduct COML, COMT, and AUXCOMM trainings</p>	<p>Promotes consistent communications-focused training and resource credentialing statewide</p>
<p>5.2 Develop credentialing guidelines</p>		



GOAL	OBJECTIVES	BENEFITS
<p>6. Continue expansion, development of, and participation in a comprehensive statewide interoperable emergency communications system</p>	<p>6.1 Identify existing gaps across all technology platforms</p>	<p>Provides for continued maintenance and sustainment, enhancements and efficiencies in support of the emergency communications ecosystem</p>
	<p>6.2 Conduct infrastructure surveys to determine cost effective and efficient locations</p>	
	<p>6.3 Examine opportunities to improve the efficiency and effectiveness of PSAPs/dispatch centers</p>	
<p>7. Develop a Statewide NG911 Plan</p>	<p>7.1 Develop NG911 Plan</p>	<p>Provides for an efficient and effective migration for NG911</p>
	<p>7.2 Promote adoption of the NG911 Plan by the PSCC and Legislature</p>	
<p>8. Maintain existing systems and infrastructure and adopt emerging technologies with a focus on statewide LMR, broadband, 911/NG911, and alerts and warnings</p>	<p>8.1 Promote awareness about the importance of maintaining system upgrades to ensure infrastructure viability and sustainability</p>	<p>Provides for the maintaining and enhancement of existing and emerging technologies</p>
	<p>8.2 Evaluate emerging technologies for maximizing interoperability and provide guidelines for local and state entities</p>	



GOAL	OBJECTIVES	BENEFITS
<p>9. Develop a five-year financial plan for the operation of WyoLink and legacy systems</p>	<p>9.1 Conduct a funding needs assessment</p>	<p>Funding sustainability planning to address needs and operational costs for LMR systems</p>
	<p>9.2 Determine allocations for the funding matrix</p>	
	<p>9.3 Establish a periodic review cycle to identify and anticipate gaps and new challenges</p>	
	<p>9.4 Identify grant requirements to qualify for additional funding</p>	
<p>10. Identify sustainable funding mechanisms for achieving interoperable and public safety communications goals</p>	<p>10.1 Identify parallel funding sources that don't compromise existing state and local funding expenditures</p>	<p>Provide a consistent method to identify and sustain funding on an on-going basis to support public safety communications priorities</p>
	<p>10.2 Recommend to Legislature a communications funding mechanism</p>	
	<p>10.3 Fund full-time 911 Coordinator, SWIC, and Deputy SWIC positions</p>	



GOVERNANCE

Current State of Governance

The PSCC was created in 2013 by Wyoming State Statute 9-2-1104 to address public safety communications interoperability issues, and provide policy level direction on making WyoLink the state’s single interoperable emergency communications system. The PSCC recently moved under the Wyoming Department of Transportation (WYDOT), strengthening its authority.

A major challenge to enhancing interoperability is a lack of 911 Coordinator position as well as full-time SWIC and Deputy SWIC positions.

Below is the proposed governance structure for the State of Wyoming 911 Coordinator position, in conjunction with SWIC and Deputy SWIC positions.

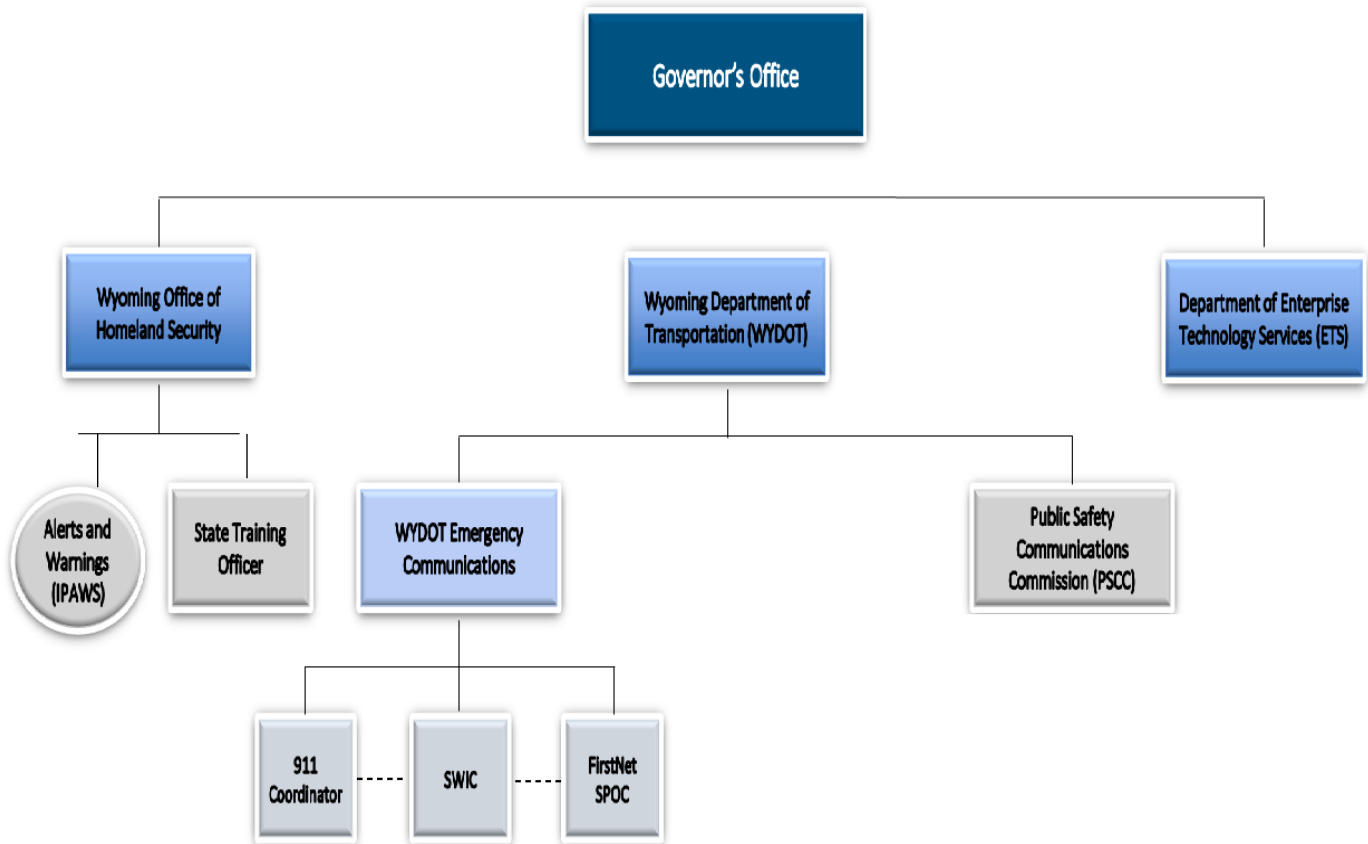


Figure 2: Wyoming’s Proposed Governance Structure




NGA Regional Workshop

During the May 2018 NGA Regional Workshop, the Wyoming State Team identified the following activities to support their efforts to revitalize the governance structure (see *Appendix B for NGA Governance Roadmap*):

- Facilitate efforts of the PSCC to determine a revenue stream for capitalization, modernization, and operations and maintenance of emergency communications
- Develop and implement charter of the PSCC
- Create a coordinating entity for public safety communications at the state level
- Expand the development of and participation in a comprehensive, statewide, interoperable emergency communications system

These activities were incorporated into the facilitated discussion on developing the following SCIP goals and objectives:



GOALS	OBJECTIVES
1. Update the PSCC as the advisory body for interoperable emergency and public safety communications in the State of Wyoming	1.1 Update and reimplement the charter of the PSCC
	1.2 Update the rules of the PSCC to define emergency and public safety communications to include LMR, broadband, 911/NG911, and alerts and warnings
	1.3 Establish consensus standards for interoperable communications in the State of Wyoming to be reviewed annually



	1.4 Ensure accurate continual coordination of regional representation
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GOALS	OBJECTIVES
2. Establish full-time 911 Coordinator, SWIC, and Deputy SWIC positions	2.1 Define reporting hierarchy of the 911 Coordinator, SWIC, and Deputy SWIC and establish governance
3. Rename Telecommunications Department to Emergency Communications Department	3.1 Develop proposal for executive leadership
4. Conduct outreach and education to state and locals about the SCIP	4.1 Determine marketing and messaging strategy (consider outsourcing) to conduct roadshows and presentations to stakeholders (i.e. WAM, WACO, WCCA, WASCOP, WFCA, WAHA, APCO, NENA)
5. Develop a Communications Unit Program	5.1 Conduct COML, COMT, and AUXCOMM trainings
	5.2 Develop credentialing guidelines



TECHNOLOGY & OPERATIONS

Current State

Wyoming has taken significant steps towards enhancing interoperable and emergency communications, including dedicating \$16 million to the expansion of WyoLink, and recognizing the need for a full-time 911 Coordinator position, and NG911 Plan.

Land Mobile Radio

The State of Wyoming's interoperable emergency communications system, WyoLink, provides 95% mobile coverage and is going through a \$16 million expansion. However, WyoLink does not replace existing legacy systems that are operated by the counties. Unfortunately, many of these systems do not interoperate with WyoLink. The Transportation Management Center (TMS) is a major dispatch center that is collocated with the Wyoming State Highway Patrol.

Broadband

The State of Wyoming has adopted FirstNet AT&T and local agencies are now making decisions about whether or not to use/purchase services. The Wyoming Department of Enterprise Technology Services (ETS) has contracted with local internet providers to push out fiber optic to every school in the state and plans to expand to every state agency. As a result, a strong relationship exists between ETS and local internet providers.

911/Next Generation 911

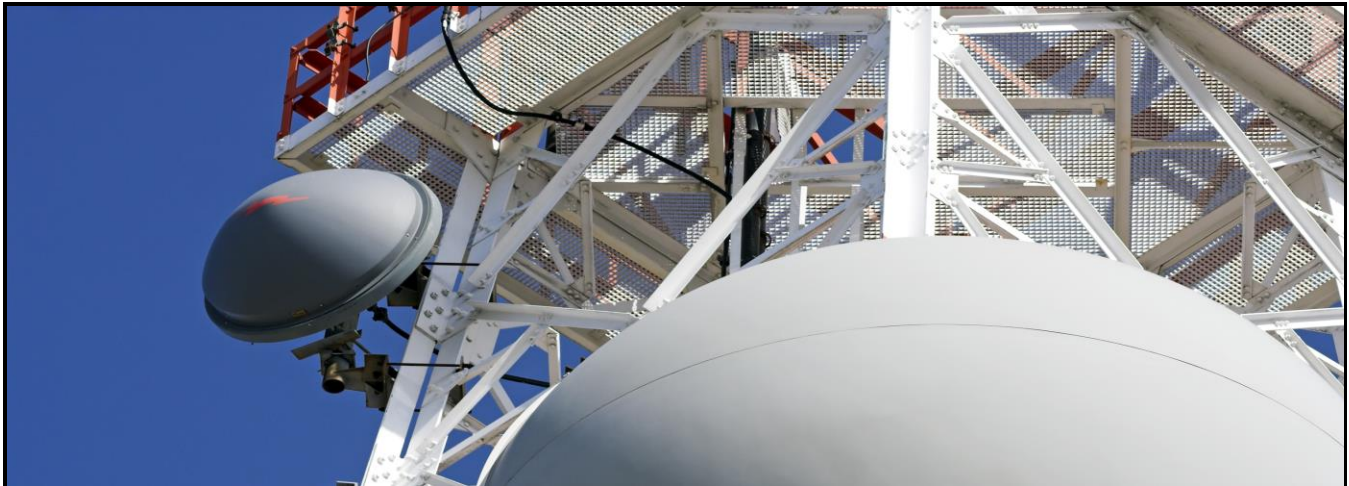
911 is handled differently from county-to-county and city-to-city. There is mandatory statewide training for dispatchers, but there continues to be a lack of standardization between PSAPs/dispatch centers. Some PCAPs and Dispatch Centers are still using legacy copper lines.

Alerts & Warnings

Alerts and warnings are disseminated by various entities including the Sherriff's Offices, Emergency Management, Police Departments, TMC, Wyoming State Highway Patrol, and the Office of Homeland Security. In addition, there are 25 state and local organizations that have Integrated Public Alert and Warning System (IPAWS) authority.

Technology Goals and Objectives include the following:





GOALS	OBJECTIVES
<p>1. Continue expansion and development of and participation in a comprehensive statewide interoperable emergency communications system</p>	<p>1.1 Identify existing gaps across all technology platforms</p>
	<p>1.2 Conduct infrastructure surveys to determine cost effective and efficient locations</p>
	<p>1.3 Examine opportunities to improve the efficiency and effectiveness of PSAPs/dispatch centers</p>
<p>2. Develop a Statewide NG911 Plan</p>	<p>2.1 Develop NG911 Plan and Legislative language</p>
	<p>2.2 Promote adoption of the NG911 Plan and Legislative language by the PSCC</p>
<p>3. Maintain existing systems and infrastructure and adopt emerging technologies with a focus on statewide LMR, broadband, 911/NG911, and alerts and warnings</p>	<p>3.1 Promote awareness about the importance of maintaining system upgrades to ensure infrastructure viability and sustainability</p>
	<p>3.2 Evaluate emerging technologies for maximizing interoperability and provide guidelines for local and state entities</p>



FUNDING & SUSTAINMENT

Current State of Funding

Wyoming does not have a consistent funding stream for the maintenance and upgrade of their statewide system, WyoLink. There are currently no user fees associated with WyoLink; however, that may change in the future if an alternative solution is not identified. PSAPs, existing legacy systems, FirstNet and wireless broadband subscriptions, and alerts and warnings are funded by the counties. Homeland Security Grant Program funds can only be used to upgrade equipment that is P25 and WyoLink compliant. However, some funds can be used for purchasing amateur radios.

The biggest challenge Wyoming is currently facing is a lack of funding. By establishing a 911 Coordinator position, and developing an NG911 Plan, Wyoming will become eligible to apply for federal 911 grants. In FY19, the funding opportunity is \$120 million, with a guaranteed \$500,000 for each state who applies, and any remaining funds are then dispersed based on need.

Funding Goals and Objectives include the following:



GOALS	OBJECTIVES
1. Develop a five-year financial plan for the operation of WyoLink and legacy systems	1.1 Conduct a funding needs assessment
	1.2 Determine allocations for the funding matrix
	1.3 Establish a periodic review cycle to identify and anticipate gaps and new challenges
	1.4 Identify grant requirements to qualify for additional funding



GOALS	OBJECTIVES
2. Identify sustainable funding mechanisms for achieving interoperable and public safety communications goals	2.1 Identify parallel funding sources that don't compromise existing local funding expenditures
	2.2 Recommend to Legislature a communications surcharge
	2.3 Fund full-time 911 Coordinator, SWIC, and Deputy SWIC positions



IMPLEMENTATION PLAN

The PSCC serves as the owner of the SCIP and is responsible for tracking progress towards achieving the SCIP goals and objectives. The goals and objectives will be added as formal agenda items for review and oversight during regular meetings. Annually, the PSCC will also conduct a thorough review of the SCIP, and update the goals and objectives as needed to address newly identified gaps and challenges.

The following table clearly defines the measures that Wyoming will use to monitor progress and indicate accomplishments toward achieving the vision for achieving high quality statewide operable and interoperable communications:

Goals	Objectives	Measures of Success	Owner(s)	Completion Date
1. Update the PSCC as the advisory body for interoperable emergency and public safety communications in the State of Wyoming	1.1 Update and reimplement the charter of the PSCC	9-1-1 Coordinator represented as a member of the PSCC, Working Groups established	PSCC Chair	July 2021
	1.2 Update the rules of the PSCC to define emergency and public safety communications to include LMR, broadband, 911/NG911, and alerts and warnings	Inclusion of the updated definitions in the PSCC rules	PSCC	February 2020
	1.3 Establish consensus standards for interoperable communications in the State of Wyoming to be reviewed annually	Creation of a living best practices document	PSCC	December 2020
	1.4 Ensure accurate continual coordination of regional representation	Increased attendance and participation	WYDOT Emergency Communications	Ongoing
2. Establish full-time 911 Coordinator, SWIC, and Deputy SWIC positions	2.1 Define reporting hierarchy of the 911 Coordinator, SWIC, and Deputy SWIC and establish governance	Creation of full-time positions	WYDOT	December 2020

Governance



	Goals	Objectives	Measures of Success	Owner(s)	Completion Date
Governance	3. Rename Telecomm. Program to Emergency Communications Program	3.1 Develop proposal for executive leadership	Change of the name	WYDOT	December 2018
	4. Conduct outreach and education to state and locals about the SCIP	4.1 Determine marketing and messaging strategy (consider outsourcing) to conduct road shows and presentations to stakeholders (i.e. WAM, WACO, WCCA, WASCOP, WFCM, WAHA, APCO, NENA)	At least one presentation at each of the associations annually	Outreach and Education Working Group	December 2021
	5. Develop a Communications Unit Program	5.1 Conduct COML, COMT, and AUXCOMM trainings	More COML, COMT, and AUXCOMM personnel trained	Incident Communications Working Group	Ongoing
		5.2 Develop credentialing guidelines	Increase in credentialed personnel	Incident Communications Working Group	Ongoing
	Technology	6. Continue expansion, development of, and participation in comprehensive statewide interoperable emergency communications system	6.1 Identify existing gaps across all technology platforms	Gaps identified	Technology Working Group
6.2 Conduct infrastructure surveys to determine cost effective and efficient locations			Infrastructure surveys completed	Technology Working Group	Ongoing
6.3 Examine opportunities to improve the efficiency and effectiveness of PSAPs/dispatch centers			Completed needs assessment	9-1-1 Working Group / 9-1-1 Coordinator	July 2022



	Goals	Objectives	Measures of Success	Owner(s)	Completion Date
Technology	7. Develop a Statewide NG911 Plan	7.1 Develop NG911 Plan and Legislative language	NG911 Plan and Legislative language completed	9-1-1 Working Group / 9-1-1 Coordinator	December 2022
		7.2 Promote adoption of the NG911 Plan and Legislative language by the PSCC	Adoption of recommended NG911 Plan and Legislative language by the PSCC	9-1-1 Working Group / 9-1-1 Coordinator	July 2023
	8. Maintain existing systems and infrastructure and adopt emerging technologies with a focus on statewide LMR, broadband, 911/NG911, and alerts and warnings	8.1 Promote awareness about the importance of maintaining system upgrades to ensure infrastructure viability and sustainability	Achieved sustained fiscal support	PSCC Working Groups	On-going
		8.2 Evaluate emerging technologies for maximizing interoperability and provide guidelines for local and state entities	Annual Report developed	PSCC Working Groups	Annually
Funding and Sustainability	9. Develop a five-year financial plan for the operation of WyoLink and legacy systems	9.1 Conduct a funding needs assessment	Funding needs assessment completed	Funding Working Group	December 2021, on-going
		9.2 Determine allocations for the funding matrix	Completed funding matrix	Funding Working Group	July 2022
		9.3 Establish a periodic review cycle to identify and anticipate gaps and new challenges	Completed review cycle	PSCC Working Groups	On-going, on an annual basis



	Goals	Objectives	Measures of Success	Owner(s)	Completion Date
Funding and Sustainability	9. Develop a five-year financial plan for the operation of WyoLink and legacy systems	9.4 Identify grant requirements to qualify for additional funding	Grants identified	Funding Working Group	Ongoing, on an annual basis
	10. Identify sustainable funding mechanisms for achieving interoperable and public safety communication goals	10.1 Identify parallel funding sources that don't compromise existing local funding expenditures	Parallel funding sources identified	Funding Working Group	December 2020, ongoing (federal funding ends June 30, 2020)
		10.2 Recommend to Legislature a communications surcharge	Framework developed for a communications surcharge	PSCC	December 2019
		10.3 Fund full-time 911 Coordinator, SWIC, and Deputy SWIC positions	Full-time positions funded	WYDOT	December 2019



APPENDIX A: WYOMING EMERGENCY COMMUNICATIONS GOVERNANCE ROADMAP

This roadmap was developed at the May 2018 National Governors Association (NGA) Workshop by participants representing the State of Wyoming’s emergency communications capabilities.

Wyoming Implementation Plan				
Activity	Target Completion	Owner	Status	Reporting Trigger
1. Facilitate the efforts of the PSCC to determine the revenue stream for the capitalization, modernization and operations and maintenance of emergency communications				
1.1	<i>Develop agenda/plan for upcoming PSCC meeting to support brainstorming (primary focus is O&M but we are considering the future)</i>	2 years		Complete. Brainstorming and subsequent PSCC meetings will occur. 2019 legislative session is not a budget session, but funding current covers expansion and O&M.
1.2	<i>Meet with the CFO to discuss the agenda/plan to aid in effective meeting facilitation for the funding brainstorm</i>	2 years		In process and on-going through PSCC
1.3	<i>Hold meeting with PSCC to brainstorm various funding sources and identify preliminary recommendations (consider lodging tax, surcharge, ticketing, and other options (maybe multiple sources)</i>	2 years		In process and on-going through PSCC.
1.4	<i>Develop initial draft recommendation</i>	Complete		Complete



1.5	<i>Finalize recommendation at August PSCC Meeting</i>	Complete		Complete	
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Wyoming Implementation Plan

Activity	Target Completion	Owner	Status	Reporting Trigger
1. Facilitate the efforts of the PSCC to determine the revenue stream for the capitalization, modernization and operations and maintenance of emergency communications				
1.6	<i>Send to Legislative Service Office (LSC) for drafting</i>	12 months		No legislation was drafted for the upcoming session.
1.7	<i>Present at October Meeting of the Joint Transportation Committee</i>	Complete		Complete. Presentations made to the WY Transportation Commission on October 18 th and the follow week to the Joint Transportation Committee. This was presentation of current status, not of future legislation.
1.8	<i>Monitor progress</i>	6-12 months		Ongoing
2. Develop and Implement the charter of the PSCC				
2.1	<i>Announce charter effort at upcoming PSCC meeting</i>	Complete		Complete. OEC provided examples in September.



				Troy to talk with WYDOT CTO about schedule to announce and how it will proceed.	
2.2	<i>Develop draft PSCC charter reflecting operations to policy shift, their oversight authority, and terms for initial socialization</i>	6 months		TBD	

Wyoming Implementation Plan

Activity	Target Completion	Owner	Status	Reporting Trigger
2. Develop and Implement the charter of the PSCC				
2.4	<i>Begin membership evaluation (only after funding source has been determined) – consider legislative, public at-large, and commercial involvement</i>	18 months		TBD
3. Create a coordinating entity for public safety communications at the state level				
3.1	<i>Conduct discovery process for alerts and warnings – who is using, how, etc.</i>	6 months		Ongoing. Opening discussion during the 11/8-9 SCIP workshop.
3.2	<i>Conduct discovery process for 911 – who is coordinating, how, what is the appetite among counties for coordination, etc.</i>	6-12 months		Ongoing. Opening discussion during the 11/8-9 SCIP workshop.



3.3	<i>Define each area roles and responsibilities including SWIC (ASHTO, RECCWG, etc.), SPOC, 911, and A&W; and the responsibilities of the coordinating entity</i>	6-12 months		Ongoing. Opening discussion during the 11/8-9 SCIP workshop.	
3.4	<i>Determine the ‘staffing’ needed for the coordinating entity (FT, PT, existing, new) – if new positions are needed, begin reserving existing vacancies</i>	6-12 months		Ongoing. Opening discussion during the 11/8-9 SCIP workshop	

Wyoming Implementation Plan

Activity	Target Completion	Owner	Status	Reporting Trigger	
3. Create a coordinating entity for public safety communications at the state level					
3.5	<i>Develop full proposal and present to PSCC</i>	December 17 th , if SCIP draft is complete		Ongoing. SCIP draft will be that proposal.	
3.6	<i>Develop legislation formally creating the coordinating entity (if needed)</i>	Potentially 2020 legislature		Not started yet.	
4. Expand the development of and participation in a comprehensive, statewide interoperable emergency communications system					



4.1	<i>Discuss SCIP effort and revised Training and Exercise plan with PSCC at August meeting</i>	Complete		Complete. Training and exercise plan in development.	
4.2	<i>Revise the SCIP leveraging OEC TA (what do we already have, what is in the counties, etc.)</i>	Complete		Complete. Revision done during SCIP workshop, November 8-9; draft to be considered by the PSCC, potentially in December	
4.3	<i>If not part of SCIP, create modernization plan (where are we making investments and on what time frame)</i>	18-24 months		Ongoing. Not part of SCIP, but could be part of a future legislative effort. This is mainly a funding discussion.	

Wyoming Implementation Plan

Activity	Target Completion	Owner	Status	Reporting Trigger
4. Expand the development of and participation in a comprehensive, statewide interoperable emergency communications system				
4.4	<i>Continue to revise Training and Exercises for WyoLink and roll them out</i>	6 months		Ongoing. Plan developed. Delivery of training and exercises is forthcoming.
4.5	<i>Create Training and Exercises that more broadly cover the whole public safety communications system</i>	12 months and On-going		Ongoing. Plan developed. Ongoing effort to update training and exercises.



4.6	<i>Continue relationship building and identifying champions in the counties (Ongoing)</i>		Ongoing. SCIP workshop (Nov 2018) served this objective.	
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APPENDIX B: LIST OF ACRONYMS

APCO	<i>Association of Public-Safety Communications Officials</i>
DHS	<i>United States Department of Homeland Security</i>
FirstNet	<i>First Responder Network Authority</i>
FY	<i>Fiscal Year</i>
HSGP	<i>Homeland Security Grant Program</i>
IP	<i>Internet Protocol</i>
LMR	<i>Land Mobile Radio</i>
NECP	<i>National Emergency Communications Plan</i>
NENA	<i>National Emergency Number Association</i>
NG911	<i>Next Generation 911</i>
NPSBN	<i>National Public Safety Broadband Network</i>
NGA	<i>National Governor's Association</i>
P25	<i>Project 25</i>
PSCC	<i>Public Safety Communications Commission</i>
SCIP	<i>Statewide Communication Interoperability Plan</i>
SWIC	<i>Statewide Interoperability Coordinator</i>
VHF	<i>Very High Frequency</i>
WACO	<i>Wyoming Association of County Officers</i>
WAHA	<i>Wyoming All Hazards Association</i>
WAM	<i>Wyoming Association of Municipalities</i>
WASCOP	<i>Wyoming Association of Sheriffs and Chiefs of Police</i>
WCCA	<i>Wyoming County Commissioners Association</i>
WFCA	<i>Wyoming Fire Chief's Association</i>



