



# Alaska (AK)

**PSIC Federal Award: \$7,250,345**

(Awarded September 30, 2007)

## Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	\$587,500
Planning, Assessment, and Coordination	\$691,852
Training and Exercise	\$777,642
Equipment Deployment and Acquisition	\$3,315,638
Non-Governmental Interoperability	\$1,662,713
Management and Administration (M&A)	\$215,000
Statewide Planning	-
<b>Total PSIC Award</b>	<b>\$7,250,345</b>

**Pass Through:** The State of Alaska fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal government bodies or authorized nongovernmental public safety agencies.

**Strategic Technology Reserve (STR):** Alaska allocated \$587,500 to its STR Investment.

## Investments

### Strategic Technology Reserve (STR)

Federal Amount:	\$ 587,500
Non-Federal Match Amount:	\$ 125,000
<b>Total Project Cost:</b>	<b>\$ 712,500</b>



<b>88%*</b> Acquisition & Deployment	<b>0%</b> Training & Exercise	<b>12%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

This Investment will address Alaska's need for infrastructure and equipment in order to establish a strategic reserve that would meet the challenges of Alaska's geographical and climatic features and improve routine and emergency communications across this vast State. This Investment will fund an inventory analysis of STR assets, acquisition and deployment of equipment to fill gaps in the strategic reserve, and development of policies and procedures for routine and emergency use. The STR will include pre-positioned radio caches and gateway equipment to enable interoperability in Alaska's wide-spread communities. The assets (e.g., portable radios, cellular and satellite voice equipment, gateway hardware and software, Internet Protocol-based technology) acquired through this Investment will be integrated with existing resources and will be available both regionally and statewide to bring interoperability to rural and remote communities as needed. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to re-establish communications when critical communications equipment is damaged or destroyed.

### Planning, Assessment, and Coordination

Federal Amount:	\$ 691,852
Non-Federal Match Amount:	\$ 0
<b>Total Project Cost:</b>	<b>\$ 691,852</b>



<b>0%*</b> Acquisition & Deployment	<b>0%</b> Training & Exercise	<b>100%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

Alaska lacks an up-to-date, community-by-community assessment of interoperable governance, technology, procedures, and usage. A number of baseline assessments have been completed in the past, but have not been maintained and have not been able to keep up with the pace of technology. This Investment will enhance interoperable communications throughout the State by funding statewide, regional, and local communications assessments, an infrastructure gap analysis, and the development of regional Tactical Interoperable Communications Plans (TICP). The Investment also provides for the development of policies and procedures necessary to implement interoperable communications statewide, using existing statewide and regional systems, and to enhance interoperability for responding forces from outside of Alaska. Furthermore, the project includes initial funding for PSIC Coordinator Staffing, the establishment of the Alaska State Emergency Response Commission (SERC) Interoperable Communications Committee, a Communications Plan for Emergency Services, and Communication Planning Workshops.

## Training and Exercise

Federal Amount:	\$ 777,642
Non-Federal Match Amount:	\$ 0
<b>Total Project Cost:</b>	<b>\$ 777,642</b>



<b>0%*</b> Acquisition & Deployment	<b>89%</b> Training & Exercise	<b>11%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

This Investment provides Alaska with the ability to implement integrated and focused training and exercises to specifically test and evaluate interoperable communications in the State. The Investment is broken down into three sub-projects. The first project is the development of an Alaska Strategic Interoperable Communications Training and Exercise Plan (SICTEP), which will serve to unify Alaska's interoperability training and exercise requirements. The second project focuses on developing interoperable communications training, such as vendor-specific equipment training, National Incident Management System/Incident Command System (NIMS/ICS) training (i.e., Communications Unit Leader), and general interoperable communications-based training. The third project focuses on developing and conducting interoperable communications-based exercises and integrating interoperable communications scenarios into all-hazards exercises.

## Equipment Deployment and Acquisition

Federal Amount:	\$ 3,315,638
Non-Federal Match Amount:	\$ 828,909
<b>Total Project Cost:</b>	<b>\$ 4,144,547</b>



<b>100%*</b> Acquisition & Deployment	<b>0%</b> Training & Exercise	<b>0%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

A number of technology and equipment gaps were identified through baseline assessments conducted over the past decade, including Alaska's Statewide Communication Interoperability Plan (SCIP). This Investment will address the need to bridge current communications shortcomings, including the use of legacy equipment, radio frequency coverage gaps, channel capacity issues, gaps in satellite and/or high-frequency voice and data systems, and limited resourcing of the Alaska Land Mobile Radio (ALMR) and the Anchorage Wide Area Radio Network (AWARN) systems. This Investment will provide for the acquisition and deployment of narrowband Project 25 (P25) VHF and 700 megahertz (MHz) infrastructure and subscriber equipment, narrowband public safety paging equipment, and dispatch and gateway technologies, which will enable agencies and organizations to communicate via the statewide and regional systems. This Investment will be integrated with Alaska's Investment in Planning, Assessment, and Coordination to ensure that acquisitions are in accordance with Alaskan standards and align with the State's efforts to adopt advanced technology solutions and improve spectrum efficiency.

## Non-governmental Interoperability



Federal Amount:	\$ 1,662,713
Non-Federal Match Amount:	\$ 403,599
<b>Total Project Cost:</b>	<b>\$ 2,066,312</b>

<b>98%*</b> Acquisition & Deployment	<b>2%</b> Training & Exercise	<b>&lt;1%</b> Planning & Coordination
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*\*Percentages include both Federal and non-Federal Match funds.*

This Investment targets the interoperable communications gap within Alaska's volunteer and non-governmental public safety organizations, which have traditionally been ineligible to apply for Federal and State grant funding. The State will administer the funds, which will be available to volunteer and non-governmental public safety agencies for equipment, including narrowband P25 VHF and 700 MHz infrastructure and subscriber equipment, narrowband public safety paging equipment, and dispatch and gateway technologies. The equipment will focus on the communications needs of volunteer and non-governmental public service agencies (e.g., schools, hospitals, clinics) whose facilities or other resources are identified for use in local Emergency Operations Plans. Additional procurements include amateur, citizen band, aviation, and maritime radio equipment that will enhance interoperability and coordinate mutual aid and response operations amongst all public service agencies.

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## PSIC Administration and Statewide Planning Costs

### Management and Administration (M&A)

Federal Amount:	\$ 215,000
Non-Federal Match Amount:	\$ 53,750
<b>Total Project Cost:</b>	<b>\$ 268,750</b>

The State was allowed to retain up to three percent of the total PSIC award for costs associated with the administration of the State's PSIC Investments. The M&A costs could include hiring full-time or part-time staff or contractors for grant management services related to reporting, monitoring and audit compliance, and associated travel and meeting expenses.

### Statewide Planning

Federal Amount	\$ 0
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The State was allowed to retain up to five percent of the total PSIC award for Statewide Planning costs associated with the incorporation of the PSIC criteria into the Statewide Communication Interoperability Plan (SCIP). The Statewide Planning period of performance was April 1, 2007–December 3, 2007, with the submission of the SCIP. Alaska, however, chose not to allocate its PSIC funds in this manner.