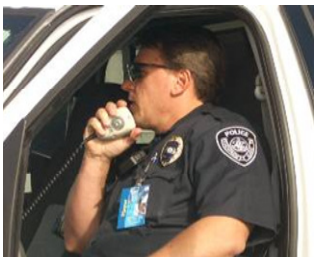
Public Safety Interoperable Communications Grant Program

Improving Interoperable Communications Nationwide: Overview of Initial State and Territory Investments

November 2008





NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

U.S. DEPARTMENT OF COMMERCE

FEDERAL EMERGENCY MANAGEMENT AGENCY
GRANT PROGRAMS DIRECTORATE

U.S. DEPARTMENT OF HOMELAND SECURITY

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Foreword

The Federal Government has recognized that communications interoperability among public safety agencies is a critical element in emergency response. In recognition of the need to improve the interoperability of public safety communications nationwide, the Department of Commerce (DOC), in consultation with the Department of Homeland Security (DHS), has established and implemented a $1 billion grant program to assist public safety agencies in enhancing communications interoperability nationwide.

Through cooperative development, the DOC National Telecommunications and Information Administration (NTIA) and the DHS Federal Emergency Management Agency (FEMA) Grant Programs Directorate (GPD) have designed the Public Safety Interoperable Communications (PSIC) Grant Program. PSIC is a grant program that is solely focused on interoperable and emergency communications and represents the largest single infusion of Federal funding for State, Territory, and local communications interoperability.

Since the initial release of PSIC funds in April 2008, the PSIC Program Office has accumulated and analyzed PSIC data on approved projects to identify project trends and assess the successes of the program's first year. The PSIC Grant Program report, *Improving Interoperable Communications Nationwide: Overview of Initial State and Territory Investments*, describes trends in State, Territory, and local communications initiatives and the program's anticipated impact on interoperable communications across the Nation. This initial analysis represents lessons learned that will guide the management of the PSIC Grant Program moving forward and can inform future interoperable communications initiatives. The report's findings are based on the analysis of 281 individual PSIC Investments submitted by States and Territories. The PSIC Grant Program will continue to provide stewardship by monitoring project performance and providing assistance to grantees as these projects are implemented.

The ultimate goal of the PSIC Grant Program is to have a substantial, nationwide influence on public safety communications interoperability. This report illustrates the Investments State and local public safety agencies are making to achieve greater interoperability and to advance the Nation's goal of improved preparedness and response.

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INTRODUCTION

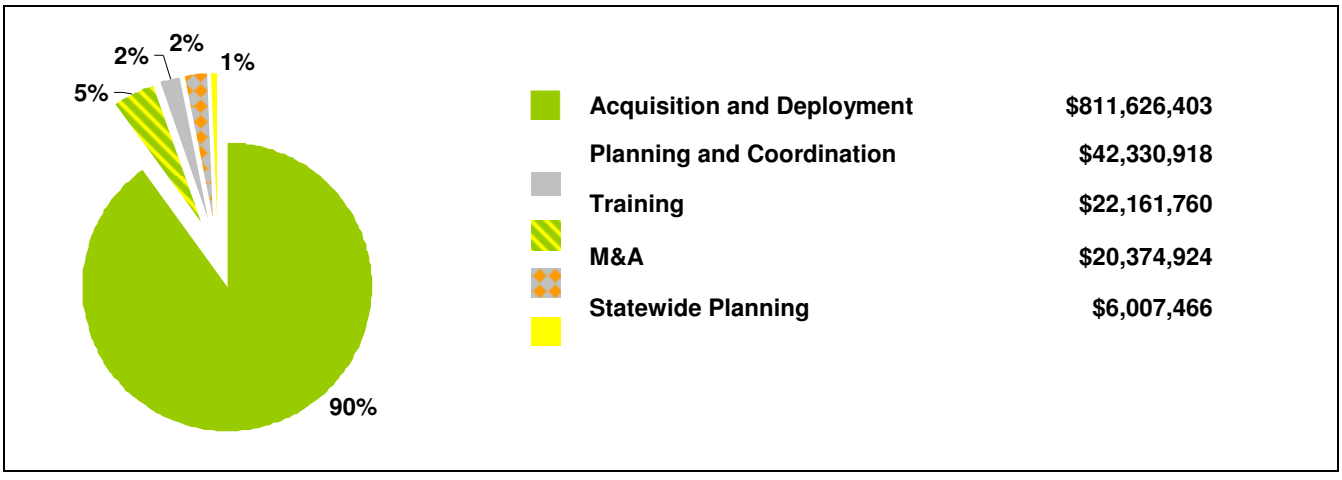
The Public Safety Interoperable Communications (PSIC) Grant Program was created by the *Deficit Reduction Act of 2005* (the Act) (Public Law 109-171), as amended by the *Implementing Recommendations of the 9/11 Commission Act of 2007* (the 9/11 Act) (Public Law 110-53). The legislation directed the National Telecommunications and Information Administration (NTIA) of the Department of Commerce (DOC), in consultation with the Department of Homeland Security (DHS), to establish and administer a grant program to assist public safety agencies in the advancement of interoperable communications.

State and local agencies have long recognized the critical need to improve their public safety interoperable communications capabilities. The recommendations, requirements, and plans dating back to the Public Safety Wireless Advisory Committee report released in 1996 and culminating most recently with the 2008 release of the *National Emergency Communications Plan (NECP)*, have only been reinforced by the lessons learned from responses to terrorist attacks and natural disasters alike.

On September 30, 2007, the Departments of Commerce and Homeland Security announced the successful award of nearly $1 billion in grant funding to all 56 States and Territories to enhance interoperability nationwide. These awards represent the largest single infusion of Federal funding ever provided for State, Territory, and local agencies to implement communications solutions. The graphic below illustrates the use of funds by the 51 States and Territories reviewed for this report.[1]

> *The Assistant Secretary, in consultation with the Secretary of the Department of Homeland Security--*
> *(1) may take such administrative action as is necessary to establish and implement a grant program to assist public safety agencies in the acquisition of, deployment of, or training for the use of interoperable communications systems…*
> *(2) shall make payments of not to exceed $1,000,000,000 in the aggregate, through fiscal year 2010…*
>
> – Section 3006
> Deficit Reduction Act of 2005

Figure A: Distribution of PSIC Grant Funds Along Allowable Cost Areas



[1] As of September 30, 2008, five States are still working to meet the programmatic requirements. This analysis of PSIC Investments does not reflect data on these five States.

This overview report and the accompanying State and Territory Investment summaries provide information and trends on the PSIC Program funding and the expected impact these Investments will have on emergency communications capabilities across the Nation.

METHODOLOGY

This analysis is based on the data from the 51 States and Territories that were approved for the release of funds, which represents a total of 281 individual projects. In developing the data analysis, the program staff reviewed the Investments and identified significant trends in specific Investment activities: Acquisition and Deployment, Training and Exercises, Planning and Coordination, Strategic Technology Reserve, and certain aspects of Grant Administration (Match/Pass-Through) [2]:

The results from the analysis of the four Investment acitivities were compiled to provide a nationwide summary. In addition, a narrative synopsis was developed to provide high-level information on each State and Territory's approved projects (Appendix B).

KEY FINDINGS

Initial findings from a review of PSIC Grant Program Investments are presented below.

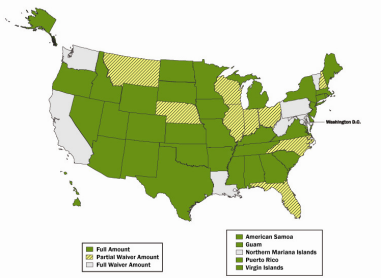
Finding 1: Advanced Technology Adoption–More than 90 percent ($811 million) of PSIC funds were designated by State and local agencies for the acquisition and deployment of equipment that will increase emergency communications interoperability. Jurisdictions invested in all frequency bands (i.e., VHF, UHF, 700 MHz and 800 MHz) and relied heavily on advanced and standards-based (e.g., Project 25 (P25)) technology, including Internet Protocol (IP), satellite, and video for public safety purposes. Although more than half of the Investments are based on the upgrade or use of existing infrastructure, these solutions will significantly enhance legacy communications infrastructure by expanding coverage, linking disparate systems, increasing connectivity, and ensuring compatibility in an effort to migrate existing systems toward increased interoperability.

Examples of Proposed Solutions:

- Satellite Technology
- Voice over IP (VoIP)
- Radio over IP (RoIP
- Gateway / Bridging Technology
- Microwave Infrastructure
- P25 Radios / Caches
- Data Systems
- Video Systems
- Interoperability Channels
- Site/Cells-on-Wheels (SOW/COW)
- Mobile & Fixed Towers

Finding 2: Nationwide Strategic Technology Reserve–Responding to the lessons learned from Hurricanes Katrina and Rita, the PSIC Grant Program required States and Territories to be better prepared in the event of communications infrastructure failure. To address this need, a total of $75 million in PSIC funds was set aside for Strategic Technology Reserve (STR) solutions–equipment reserves that are pre-positioned, deployable, and able to re-establish communications. Forty-seven States and Territories are using PSIC funds to establish or enhance an STR. Together with pre-existing STR assets, PSIC will provide a nationwide capability to address

Figure B: Use of STR Funds

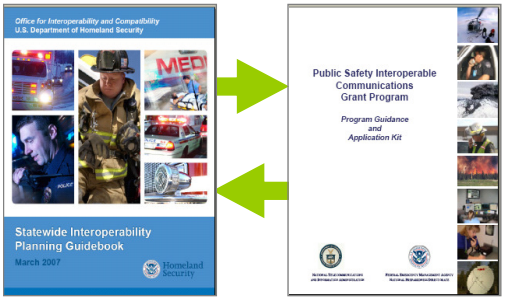


[2] For the purposes of this analysis, Management and Administration (M&A) and Statewide Planning are not included in the summary analysis because specific activities within these areas were not identified in IJs.

infrastructure failures as required in the NECP.[3]

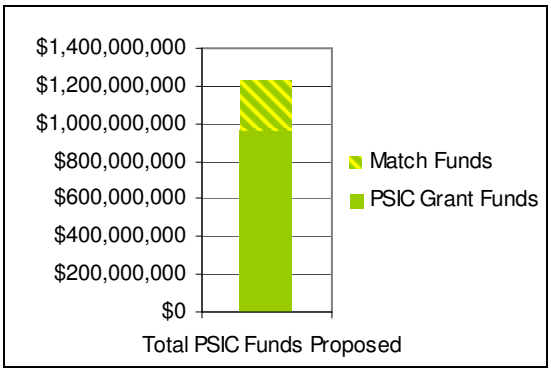
Finding 3: Enhanced Coordination–Collaborative planning among all disciplines and levels of government is critical for ensuring effective and fully coordinated preparedness and response.[4] To address this need for coordination, PSIC was the first grant program to require States and Territories to align their investments to a DHS-approved Statewide Communication Interoperability Plan (SCIP).[5] As a result, many States targeted funding on activities associated with the development of statewide and/or regional Memoranda of Understanding (MOU) and Standard Operating Procedures (SOP); regional and/or statewide training and exercise initiatives; and coordinated inter-governmental and cross-jurisdictional system and equipment initiatives. Going forward, it is envisioned that this strategic alignment will ensure that Investments are not only coordinated across multiple jurisdictions and disciplines, but also across multiple Federal and State funding sources.

Figure C: State and Territory Planning and PSIC Grant Program Relationship



Finding 4: Significant State and Local Match–The PSIC Grant Program requires grantees to provide non-Federal matching funds on certain types of Investments (i.e., Acquisition, Deployment, and M&A). This matching concept is a new requirement for many DHS grantees. Jurisdictions will provide more than $256 million in matching funds (such as cash and in-kind salaries, services, equipment, and property), which contributes to more than $1.2 billion in interoperable communications improvements when combined with Federal PSIC grant funds.

Figure D: Total PSIC Funds



MOVING FORWARD

This report serves as a foundational document against which PSIC grantees' progress will be examined. It is intended that the findings will be periodically updated, as additional States are approved for the release of funds and as States modify their projects to respond to changing needs. Ongoing monitoring and assistance will be provided to grantees to support project implementation.

Following the PSIC period of performance that is ending on September 30, 2010, a final analysis will be conducted to document the lessons learned, best practices, and information that will help guide future use of Federal grant funds for communications improvement.

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[3] National Emergency Communications Plan, 2008, p. 34.

[4] National Emergency Communications Plan, 2008, p. 11.

[5] The development of a SCIP was a requirement of the Fiscal Year (FY) 2006 Homeland Security Grant Program (HSGP).

OVERVIEW OF PSIC AWARDS

State/Territory	PSIC Funding	State/Territory	PSIC Funding
Alabama	$13,585,399	Montana	$6,549,685
Alaska	$7,250,345	Nebraska	$8,582,108
American Samoa	$691,948	Nevada	$12,042,417
Arizona	$17,713,050	New Hampshire	$5,966,760
Arkansas	$11,169,402	New Jersey	$30,806,646
California	$94,034,510	New Mexico	$8,288,725
Colorado	$14,336,638	New York	$60,734,783
Connecticut	$12,999,879	North Carolina	$22,130,199
Delaware	$8,196,842	North Dakota	$7,052,490
District of Columbia	$11,857,972	Northern Mariana Islands	$719,236
Florida	$42,888,266	Ohio	$29,377,337
Georgia	$25,311,354	Oklahoma	$11,684,183
Guam	$2,600,678	Oregon	$12,182,532
Hawaii	$8,069,879	Pennsylvania	$34,190,555
Idaho	$7,289,795	Puerto Rico	$9,590,025
Illinois	$36,414,263	Rhode Island	$7,365,694
Indiana	$18,291,735	South Carolina	$13,499,308
Iowa	$10,935,974	South Dakota	$6,549,691
Kansas	$10,667,169	Tennessee	$17,540,752
Kentucky	$15,405,625	Texas	$65,069,247
Louisiana	$19,672,287	U.S. Virgin Islands	$856,907
Maine	$7,567,579	Utah	$10,353,261
Maryland	$22,934,593	Vermont	$4,476,761
Massachusetts	$21,191,988	Virginia	$25,012,521
Michigan	$25,039,781	Washington	$19,180,347
Minnesota	$14,262,071	West Virginia	$8,429,484
Mississippi	$10,989,345	Wisconsin	$15,367,216
Missouri	$17,465,576	Wyoming	$5,952,187
Total		**$968,385,000**	

I. PSIC Background

This section of the report summarizes the PSIC Grant Program, including its history, an overview of PSIC programmatic grant goals and priorities, and program requirements. The creation of PSIC provides insight into how key programmatic goals and requirements developed and are later reflected in the Investments from States and Territories.

Creation of PSIC

The PSIC Grant Program was created through the *Deficit Reduction Act of 2005* (Public Law 109-171), which President Bush signed into law on February 8, 2006. The Act established a firm deadline to complete the transition of broadcasters from analog to digital transmissions. This digital television transition will reallocate 24 megahertz (MHz) of spectrum for public safety use. The remaining portion of the returned spectrum was auctioned for commercial use. With the anticipated auction proceeds, NTIA was given authority to establish and implement a $1 billion grant program to improve interoperable communications for public safety agencies. On December 22, 2006, the *Call Home Act of 2006* (Public Law 109-459) mandated that all PSIC funds be awarded by September 30, 2007.

> *When disaster strikes, first responders must have the tools to communicate. Under this streamlined program, States will be given grants to use technology that will make our cities and States safer.*
>
> –U.S. Department of Commerce Secretary Carlos Gutierrez

In February 2007, NTIA and DHS signed a memorandum of understanding (MOU) to implement the PSIC Program. Under the conditions of the MOU, the DHS Office of Grants and Training (now the Federal Emergency Management Agency (FEMA) Grant Programs Directorate (GPD)) would assist NTIA in the development of policies, procedures, and regulations governing the PSIC Program and provide grants management services. NTIA would retain the approval authority over the grant program and would approve the final grant awards.

The original grant guidance for the PSIC Program was released on July 17, 2007. On August 3, 2007, the *Implementing Recommendations of the 9/11 Commission Act* (9/11 Act) (Public Law 110-53) was signed into law. The 9/11 Act amended key features of the PSIC Program, including expanding the allowable activities under the program and removing restrictions on the use of funds for equipment outside of the 700 MHz frequency band. The 9/11 Act also set aside $75 million for Strategic Technology Reserves (STR) –communications equipment that is deployable, pre-positioned, and able to re-establish communications in the event of total infrastructure failure. As a result of the amendments from the 9/11 Act, amended grant guidance was released on August 17, 2007.

> *These grants will help States and cities purchase equipment, conduct training and exercises, and develop effective interoperable communications plans to get this important job done.*
>
> –U.S. Department of Homeland Security Secretary Michael Chertoff

Program Funding Goals

To understand the expected impact of PSIC Investments on communications interoperability, it is important to understand the goal and subsequent objectives of the PSIC Grant Program. The goal of this program is to offer public safety agencies the opportunity to achieve meaningful and measurable improvements to the state of public safety communications interoperability and to fill interoperability gaps identified in Statewide Communication Interoperability Plans (SCIP) through the full and efficient use of all communications resources.[6] To achieve this goal, NTIA and DHS identified the following technology and all hazards mitigation priorities for grantees to consider when developing their Investments–

> **Interoperability** *is the ability of emergency response officials to share information via voice and data signals on demand, in real time, when needed, and as authorized.*
>
> – SAFECOM Program

- **Technology:** Applicants were encouraged to consider and incorporate into their Investments solutions that include advanced technology, improve spectrum efficiency, and use cost effective measures.

- **All Hazards Mitigation:** Applicants were urged to propose Investments that help public safety agencies to "respond quickly to emergency situations regardless of their source or cause, particularly areas vulnerable to catastrophic natural disasters and areas at high risk for threats of terrorism."[7] States and Territories were encouraged to develop Investments that improve communications in areas at risk for natural disasters, continue to improve interoperability efforts in urban and metropolitan areas, and pre-position or secure interoperable communications in advance for immediate deployment in an emergency or major disaster.

All of the approved State and Territory Investments addressed one or both of these objectives.

Key Program Features

The PSIC Grant Program leveraged existing features found in other DHS grant programs, while introducing new elements. The defining features of the PSIC Grant Program, which incorporate the statutory requirements and programmatic goals of the PSIC Grant Program, are as follows–

- **Eligible Applicants:** The State Administrative Agencies (SAA) of all 56 States and Territories are the eligible applicants under the PSIC Grant Program.
- **Sub-recipients:** Eligible sub-recipients include public safety agencies that are a State, local, or tribal government entity or an authorized non-governmental organization whose sole or principal purpose is to protect the lives, health, or property of individuals within their jurisdictions.
- **Period of Performance:** The period of performance for the PSIC Grant Program is 36 months; PSIC grant funds were awarded in September 2007 and must be expended by September 30, 2010.
- **Statewide Planning:** Up to five (5) percent of the total funds allocated to a State or Territory were made available at the time of award to support Statewide Planning efforts

[6] PSIC Program Guidance and Application Kit, August 17, 2007, p. 2.

[7] Ibid, p. 3.

(through December 3, 2007) to facilitate the incorporation of PSIC requirements into SCIPs.

- **Technical Review:** Funds are contingent upon successful submission and technical review of Investments, including approval of the SCIP and Investment Justifications (IJ).
- **Allowable Activities:** Funding can be used for planning and coordination activities, acquisition of equipment and acquisition-related costs (e.g., system design, asset inventory, feasibility studies), deployment of equipment or systems (e.g., construction and renovation), training and exercises, and M&A costs.
- **Match:** PSIC includes a statutory requirement for grantees to provide, from non-Federal sources, not less than 20 percent of the costs of acquiring and deploying the interoperable communications systems and solutions and M&A activities funded under this program.
- **Pass-Through:** The PSIC Program requires all States to pass-through no less than 80 percent of their funds to local, tribal, or authorized non-governmental public safety entities.
- **Strategic Technology Reserve (STR):** The 9/11 Act set aside $75 million from the PSIC Grant Program for STR solutions. A proportionate share of the funds awarded to the States and Territories was to be used to establish an STR, which consists of pre-positioned and deployable equipment that is capable of re-establishing communications in the event that critical communications infrastructure is damaged or destroyed. The 9/11 Act allowed a waiver of the requirement if a State and Territory demonstrated that it already implemented an STR or that other projects represent a higher priority need for public safety communications.
- **Management and Administration:** Up to three (3) percent of the funds are available at the State-level for M&A costs.

For consistency purposes, the PSIC Grant Program leveraged DHS grant administration. For example, the State Administrative Agency is the eligible applicant for PSIC funds and is responsible for managing and administering any funds awarded through the PSIC Grant Program. Although many of the above program features are also included in other DHS grant programs, there are many unique PSIC requirements. For example, the State is required to use PSIC Investments to address identified interoperability gaps in its SCIP and to expend all grant funds within the statutory period of performance, which ends September 30, 2010, with no extensions. Given the limited timeframe for expending PSIC funds and the other unique grant requirements for grantees, the PSIC Grant Program will provide Grantee Assistance to ensure successful implementation of grant funds.

II. Distribution of PSIC Funds

This section describes how the PSIC grant fund was distributed among the 56 States and Territories and illustrates how States and Territories plan to further distribute their PSIC allocations to localities within their jurisdictions. An explanation of PSIC's unique programmatic requirement of non-Federal match is also provided in this section, along with a depiction of how grantees plan to meet that requirement. A summary of the section is provided below.

Distribution of PSIC Funds Summary

- The PSIC Grant Program fund allocation process included the program goal of establishing a baseline of interoperability and a risk-based formula.
- Nearly half of the States and Territories used their Statewide Planning funds to develop their applications for PSIC funds, specifically for strategic planning and alignment of Investments with strategic plans.
- To date, all 56 States and Territories have approved SCIPs; 51 State and Territory IJs meet the statutory and programmatic requirements, advance the objectives of their SCIP, and increase emergency communications and interoperability capabilities.
- Through close State and local coordination, half of the States will pass through 80 percent of their PSIC funding, a quarter will retain funds on behalf of local entities through MOUs, and the rest will either use a combination of both methods or do not have a pass-through requirement.
- More than half of the Investments list local entities as subgrantees, indicating involvement of local agencies through coordination with the State/Territory in the PSIC grant process.
- Combining the PSIC grant funds with the proposed non-Federal match, more than $1.2 billion will help State, Territory, local, and tribal public safety agencies improve communications interoperability. More than half of the non-Federal match will be provided in cash by State, Territory, and local entities.

Formula-Based Program

The PSIC Grant Program awarded $968,385,000 in grant funds to assist public safety agencies improve emergency communications interoperability nationwide. Though neither the authorizing statute nor its legislative history specified how funds would be distributed, NTIA, in consultation with FEMA, determined that the program should, to the extent possible, establish a baseline of interoperability in each State or Territory across the Nation. To that end, each State, the District of Columbia, and Puerto Rico received a minimum of $3 million to improve interoperability. Each Territory received a minimum of $500,000 to make meaningful improvements to its interoperable communications capabilities. The remaining PSIC funds, more than 80 percent of the total available program funds, were allocated to States and Territories using a risk-based formula similar to that used in the Homeland Security Grant Program (HSGP). This risk-based methodology measures the relative risks of a given State or urban area by assessing threats, vulnerabilities, and consequences of natural and man-made disasters, and directs grant funding to areas facing the greatest risk.

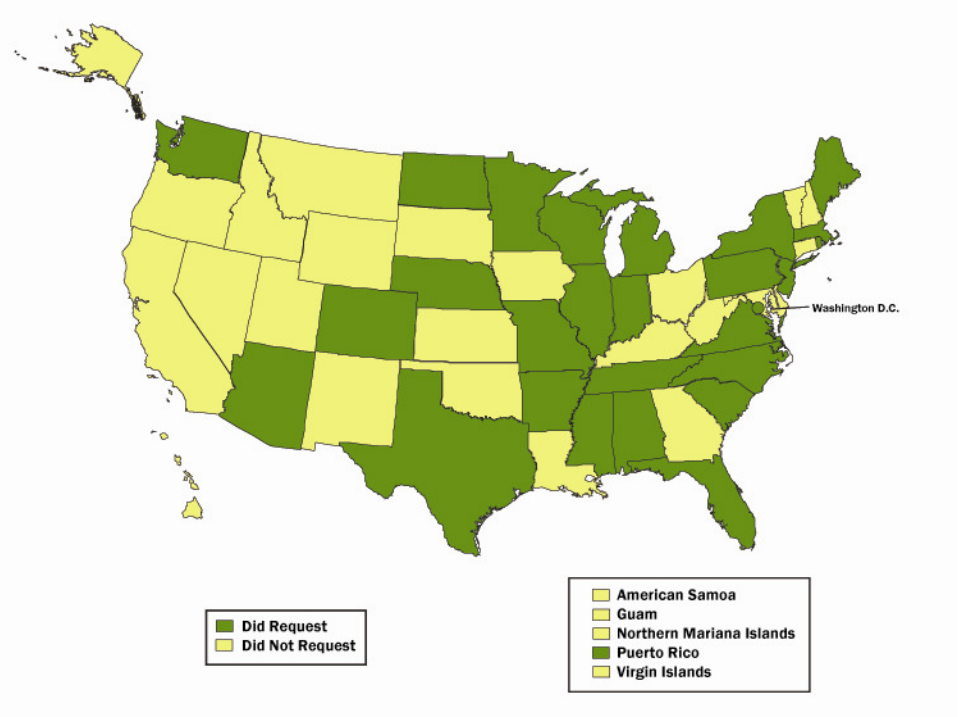
The PSIC program guidance includes funding allocations for each State and Territory, a set-aside for STR solutions in each State and Territory, and minimum funding levels for seven Tier One Urban Area Security Initiative (UASI) areas.

Application and Award Process

States and Territories were required to submit their standard applications (Standard Form 424 and portfolio narrative) by August 22, 2007. All 56 States and Territories submitted applications for funding and received an award letter by September 30, 2007. Applicants were required to submit their SCIPs and PSIC IJs describing up to 10 interoperability projects by December 3, 2007.

To further support the application and strategic planning process, States and Territories were allowed to immediately spend up to five (5) percent of their total allocations for Statewide Planning efforts. Collaborative planning among all levels of government and among public safety agencies is critical for ensuring effective and fully coordinated preparedness and response.[8] As shown in Figure 1, a total of 27 States and Territories requested funds for Statewide Planning to ensure that their Investments were coordinated at the State and local levels, met programmatic requirements, and reflected PSIC grant goals and priorities.

Figure 1: Use of Statewide Planning Funds



The remaining funds were released after a technical review and approval of the SCIP and the Investment Justification. In February 2008, NTIA, FEMA, and the DHS Office of Emergency Communications facilitated a joint peer review of the SCIPs and IJs to ensure alignment of

[8] National Emergency Communications Plan, 2008, p. 11.

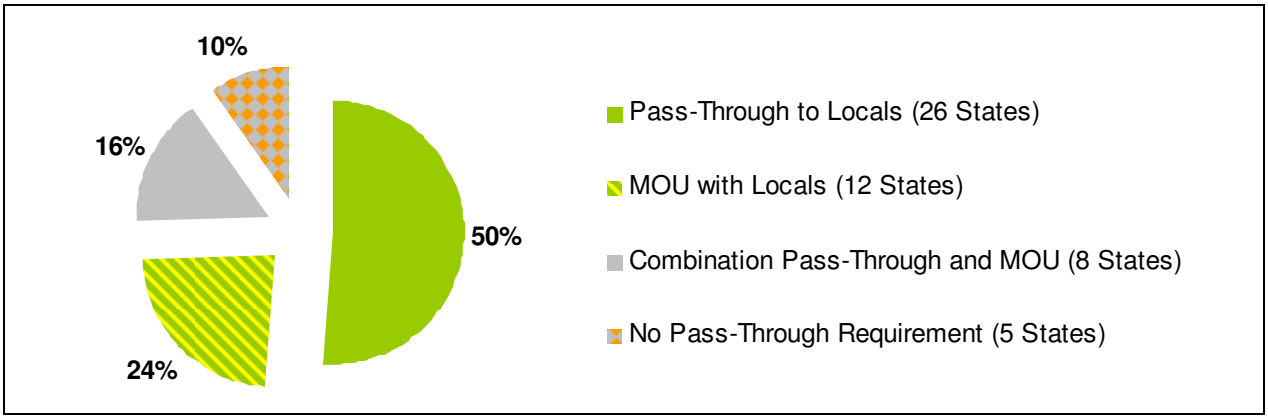
statewide strategies and funding requests. More than 100 public sector employees, including Federal, State, local, and tribal representatives with expertise and experience in emergency operations, interoperable communications, public safety operations, or grants management participated in the SCIP and PSIC Investment review process. Reviewers ensured programmatic compliance, effectiveness of approach, alignment of projects to statewide needs defined in the SCIP, and local stakeholder involvement. The IJ input provided by the reviewers was used to approve Investments and release the appropriate funding. As of September 1, 2008, a total of $902,501,471 had been approved for 51 States and Territories.[9]

Local Pass-Through Requirement

Each State or Territory receiving grant funds is required to pass-through not less than 80 percent of the total award amount to eligible sub-recipients, retaining 20 percent of funding for statewide activities.[10] For Puerto Rico, the pass-through requirement is 50 percent of the total award amount. Because of the unique nature of the Territorial governments in Guam, American Samoa, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands, no pass-through requirements were applied. However, the Territories are expected to take into account the needs of local communities before making funding decisions. Likewise, the District of Columbia has no pass-through requirement.

PSIC allows SAAs to act on behalf of localities in managing and expending PSIC funds if there are MOUs in place. The MOUs define roles and responsibilities for managing the PSIC project and authorize the SAA to manage the funds on behalf of the locality. Figure 2 depicts the approaches that States adopted to address the pass-through requirement. More than half of the States have elected to pass-through 80 percent of their PSIC grant funds to locals, while a quarter are retaining funds on the behalf of locals. A smaller percentage will use a combination of pass-throughs and MOUs for their grant funds.

Figure 2: Pass-through Status of States and Territories



Analysis of the PSIC Investments found that, regardless of which entity submitted the Investment, or how the funding is to be managed (at the State or local level), all Investments are

[9] Five States are still working to meet the IJ programmatic requirements and have not been included in this analysis of PSIC Investments.

[10] Sub-recipients for local pass through can be local and/or tribal public safety agencies and authorized non-governmental organizations.

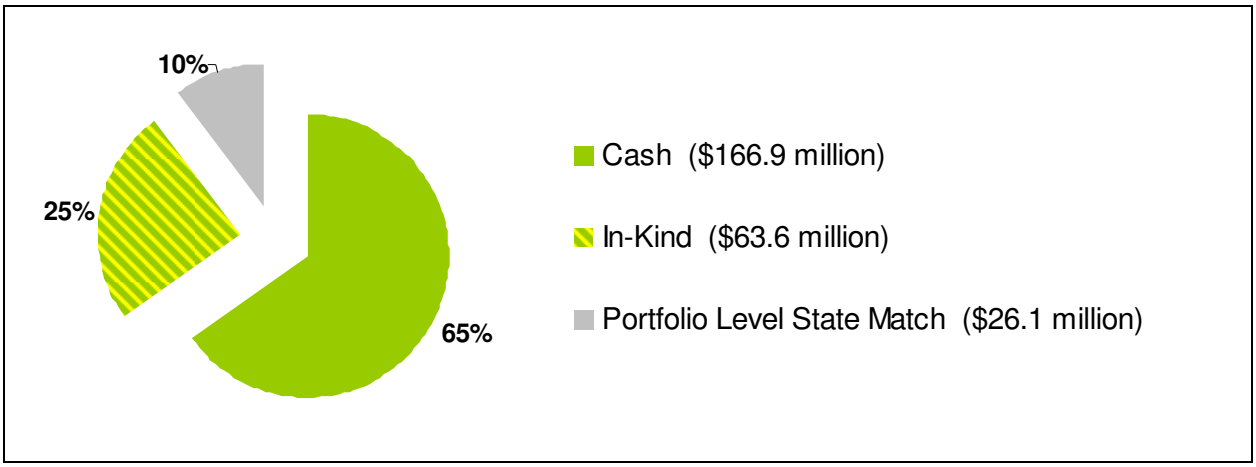
locally driven, multi-disciplinary, multi-jurisdictional, and are aligned with the broader SCIP. This is further demonstrated through the Individual Investments. More than half of the Investments named local entities as the grant recipient, while the remainder named the SAA or other State agencies as the grant recipient. However, through MOUs, many local entities elected to have the SAA administer the grant funds on their behalf, supporting both statewide and local Investments.

State and Local Matching Funds

The PSIC Grant program includes the requirement that the grantee provide, from non-Federal sources, a 20 percent match for the costs associated with acquisition, deployment, and M&A. Match is not required for Planning and Coordination or Training activities. Match can be provided at the State-level or at the Investment-level.

In total, grantees will provide more than $256 million in non-Federal matching funds. Figure 3 demonstrates the type of match and amounts to be provided by grantees.

Figure 3: Non-Federal Match Type



More than two-thirds of all matching funds planned by State and local entities are in the form of cash.[11] More than $166.9 million in cash contributions are planned as PSIC matches. Donated salaries, equipment, property, and volunteer services valued at $63.6 million are planned as in-kind matches to support PSIC Investments. Nearly 75 percent of in-kind matches are to be provided through in-kind property and salaries. In addition and/or in place of Investment-specific matches, some States are providing match at the overall State-level to meet the requirement. States will provide an additional $26.1 million in match at the State level for Acquisition and Deployment, as well as M&A expenses related to their PSIC Investments.

Through the PSIC matching requirement, more than $256 million in cash, goods, and services from State and local agencies will be generated to support interoperable communications improvements. Through both Federal and non-Federal match sources, more than $1.2 billion will be committed to interoperability improvements through the PSIC Program.

[11] The requirement for local matching funds under $200,000 is waived for the Territorial governments in Guam, American Samoa, the U.S. Virgin Islands, and the Commonwealth of the Northern Mariana Islands (See 48 U.S.C. § 1469a.) Some of the Territories proposed to provide some level of non-Federal match even though it was not required.

III. Use of PSIC Funds

This section provides a preliminary summary analysis of how grantees are proposing to spend their PSIC grant funds at an aggregate, national level. The distribution of PSIC grant funds along the five allowable cost areas is demonstrated. A summary of common and key characteristics found in the reviewed Investments is provided for four allowable cost areas: Acquisition and Deployment, Training, Planning and Coordination, and for STR solutions.[12] Appendix B provides additional details on the approved IJs submitted by States and Territories.

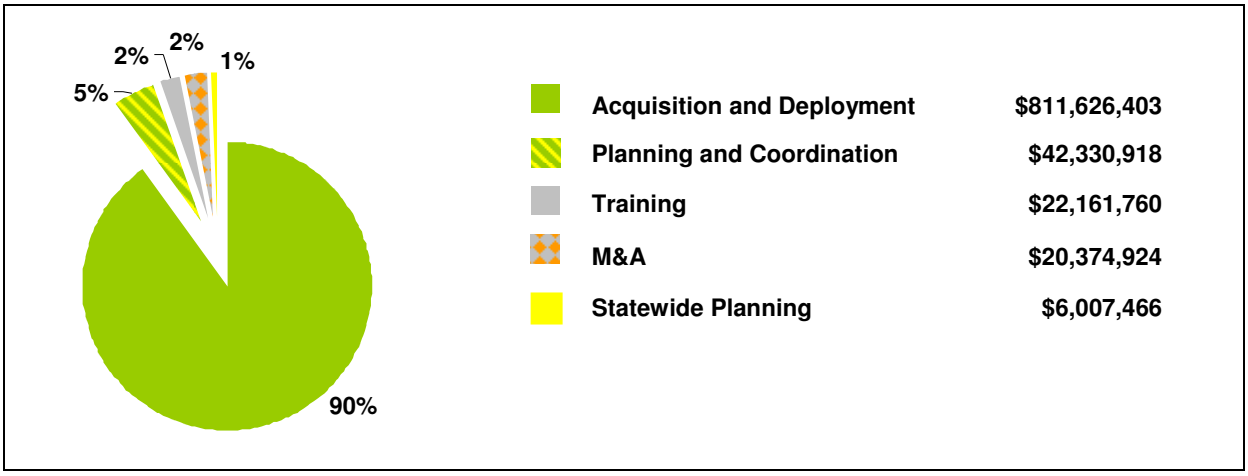
Allowable Cost Area Funding Proposal Summary

- Approximately 90 percent of grant funds are proposed for Acquisition and Deployment activities, indicating the larger need to fund technology-based solutions and infrastructure.
- Planning and Coordination was the next largest funded Investment area, at approximately five (5) percent, and Training constituted over two (2) percent of proposed Investment funds.
- More than half of proposed Investments are for new initiatives not previously funded by grant and/or State, Territory, or local funds.

Funding Proposals by Allowable Cost Areas

In a preliminary review of 281 PSIC Investments (representing $902,501,471) submitted under the PSIC Grant Program, grant funding is allocated as shown in Figure 4.

Figure 4: Distribution of PSIC Grant Funds Along Allowable Cost Areas



[12] The Acquisition and Deployment allowable cost areas were combined for the purposes of this analysis. It was clear from the details in the Investments that the distinction of these two categories was not applied consistently across the 51 States and Territories. Since both categories require a match and both pertain to equipment and technology solutions, it provided for a more consistent analysis by combining the categories.

Acquisition and Deployment: All 51 States and Territories will use PSIC funds for Acquisition and Deployment (procurement and deployment of technology). Ninety percent of all available PSIC funding ($811.6 million) is allocated for Acquisition and Deployment.

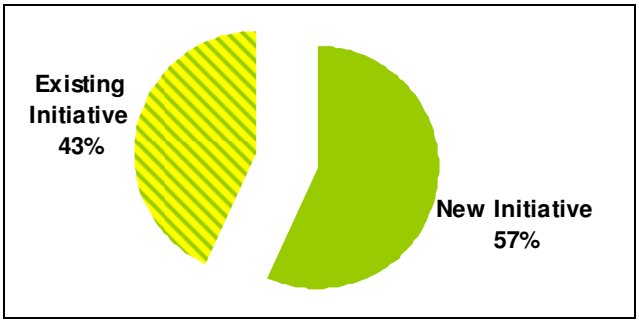
Planning and Coordination: Thirty-five States and Territories requested funding for Planning and Coordination activities. Collectively, they will allocate nearly five (5) percent of PSIC funds ($42.3 million) for Planning and Coordination.

Training: Thirty-four States and Territories requested funding for Training, which included requests to conduct exercises. Grantees could request up to 20 percent of their total awards for Training; however, only a little over two (2) percent of PSIC funds ($22.2 million) is planned for Training.

Management and Administration: Up to three (3) percent of a State or Territory's total allocation can be used toward M&A expenses. In total, a little more than two (2) percent of PSIC funding ($20.4 million) is planned for M&A by 38 States and Territories.

Statewide Planning: Up to five (5) percent of a State or Territory's allocation could be used (by December 3, 2007), to complete the SCIP to ensure that it aligned with the PSIC Investments. States and Territories allocated approximately $6 million of their PSIC funding for Statewide Planning, which represents less than one (1) percent of total funding.

Figure 5: Type of Investment/Project



PSIC grantees are allowed to use PSIC funds for new activities associated with existing initiatives or for new projects. As Figure 5 indicates, more than half of the Investments, or fifty-seven percent of the Investments, are new projects, which indicates the extent to which PSIC grant funds are allowing States and Territories to invest in new initiatives to improve their interoperability capabilities. The other forty-three percent of the Investments are phases of larger, existing communications efforts. If grantees proposed to use PSIC funds to further existing projects, they were required to document in the IJ any historical funding of the project from other sources, including grant programs, in order to ensure that the grantee does not supplant or co-mingle Federal funds. Those Investments that are existing initiatives were often previously funded through other DHS grant programs, including the Homeland Security Grant Program, Law Enforcement Terrorism Prevention Program, and the Urban Area Security Initiative Grant Program, among others.

The next section provides further analysis of the primary allowable cost areas (Acquisition and Deployment, Planning and Coordination, and Training) for the PSIC Investments and for the STR related Investments. Additional information on the summary analysis approach and methodology can be found in Appendix A.

Acquisition and Deployment Trends

Acquisition refers to the procurement of equipment or technology-based solutions needed to improve interoperability. Deployment refers to the build-out and installation costs of interoperable communications equipment and systems. Nearly 90 percent of PSIC funding ($811.6 million) is allocated to Acquisition and Deployment activities, indicating a critical need for infrastructure improvements to achieve communications interoperability. A summary of this section is provided below.

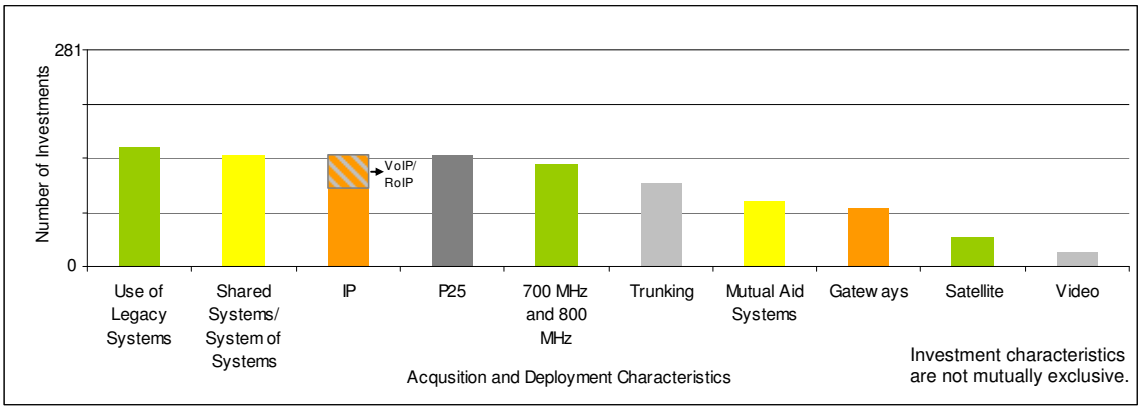
Acquisition and Deployment Summary

- PSIC grantees are forward-thinking in their procurement of technology. As a result, States and localities proposed Investments in Internet Protocol (IP), satellite, and standards-based (e.g., Project 25 (P25)) technology, as well as video for public safety purposes.
- Half of all Investments included advanced technology elements to connect disparate systems to achieve interoperability, creating "systems of systems" and/or enhancing or developing shared regional or statewide systems for all public safety agencies to use.
- States and Territories also advanced spectrum-efficiency goals through proposed Investments that develop or enhance the use of digital equipment solutions, trunked systems, and mutual aid systems.
- Many Investments reflect the development of 700 MHz and/or 800 MHz systems or methods for interoperating with 700 MHz and/or 800 MHz systems.
- Most Investments included cost-effective measures, particularly by enhancing or expanding legacy systems.

Investments that contain Acquisition and Deployment activities not only addressed critical interoperability needs but also advanced the PSIC Grant Program's programmatic objectives, including the adoption of advanced technological solutions, improved spectrum efficiency, and consideration for cost-effective measures. Key Investment trends include expanding system coverage and capacity, linking systems together to achieve interoperability, the building out a "shared system" for public safety agencies across a region or State/Territory, and moving toward interoperability by adopting compatible or standards-based technology. These infrastructure investments embody the interoperability goals and the key emergency communications needs of the States and Territories. As the PSIC Grant Program monitors and assists these grantees in achieving their goals, DHS and NTIA will share lessons learned and best practices demonstrating how States and Territories are using PSIC funds to improve their interoperability communications capabilities.

Figure 6 shows some of the types of Acquisition and Deployment projects put forth by grantees. The Investment characteristics are not mutually exclusive. For example, a single Investment can include the elements of P25, 700 MHz, and "use of legacy systems." As noted in the graph, the most common types of communications projects include leveraging legacy systems, building out shared systems and/or "system of systems," applying P25 standards to new equipment, and expanding systems that use 700 MHz and 800 MHz spectrum.

Figure 6: Acquisition and Deployment Investment Characteristics



Use of Legacy Systems (154 Investments): More than half of the Investments will upgrade or use existing infrastructure or equipment to expand coverage or interoperability capabilities. Using existing systems to increase interoperability is a common cost-effective strategy. Many upgrades to existing systems include enhancing or extending system coverage and capacity by developing new towers and backbone solutions (e.g. microwave and IP). Other legacy based system Investments will increase the capabilities of the system (e.g. adding wireless data capabilities, redundancy, and Voice over Internet Protocol (VoIP) and/or Radio over Internet Protocol (RoIP) solutions).

Shared Systems and "System of Systems" (145 Investments): Half of the Investments will develop or enhance shared systems or a system of systems, a cost effective strategy to promote interoperability. Further, public safety agencies that use shared systems are more advanced in interoperability development.[13] The development and enhancement of shared systems should help advance the State/Territory and local agencies' communications and interoperability capabilities. Investments in shared systems help link public safety agencies across jurisdictions, disciplines, and all levels of government, to communicate in day-to-day operations or major incidents. Shared systems centralize the operations and management of a

Advanced Technology Adoption: Virginia

The Commonwealth of Virginia is using PSIC funds to develop advanced technology solutions to connect disparate legacy systems statewide. Virginia will incorporate IP, VoIP, and satellite capabilities in the statewide "system of systems" (COMLINC) to bridge the communications gap among the Commonwealth's disparate systems. The Investment links a series of broadband voice and data applications with satellite communications systems and replaces traditional, expensive T-1 lines with IP solutions, expanding existing VoIP solutions into new localities.

[13] SAFECOM 2006 National Interoperability Baseline Survey, p. 13.

single system, which creates operational efficiencies and helps to reduce long-term costs. "Systems of systems" can be developed or enhanced through the use of gateways, IP systems, and similar technology to create virtual systems–a single system of connected, disparate networks.

Internet Protocol (IP) (102 Investments): More than one-third of all Investments will use IP-based solutions to help bridge disparate systems, increase redundancy, and develop wireless data capabilities. IP-based solutions promote a "network of networks" approach, which allows for the connection of disparate systems to create wide-area systems, expanding both coverage and capacity for States and Territories. The IP-based solutions are not only an adoption of advanced technology but also a cost-effective solution that enables the integration of existing, legacy systems to minimize the costs associated with complete system replacement.

Voice over IP (VoIP) and Radio over IP (RoIP) (42 Investments): A subgroup of the IP-based Investments, VoIP and/or RoIP technologies will improve or augment voice communications. These solutions allow for the digital transmission of voice over IP or other packet-switched networks. VoIP and RoIP solutions can interoperate with standard communications equipment, from P25 radios to legacy systems, across multiple frequencies and are generally less expensive and more flexible than legacy radio systems.

P25 (144 Investments): Slightly more than one-half of the Investments will procure P25 equipment. P25 is a standards-based technology that promotes interoperability between different systems by using standardized equipment. The standards-based equipment approach not only improves interoperability but is also cost-effective because it often does not require completely replacing existing equipment or systems. In many cases, States and Territories are using PSIC funding to upgrade existing equipment to achieve P25 compliance. P25 equipment is also spectrum efficient as it is based on, and only operable with, digital systems. Digital systems use spectrum more efficiently than analog systems.

Cost and Spectrum Efficiency: Delaware

Delaware is using legacy infrastructure and adopting new technologies and spectrum to develop a new statewide P25 700 MHz system. The proposed system will connect to and use legacy components of the State's 800 MHz system. It will also connect to 700 MHz/800 MHz systems in surrounding jurisdictions. This Investment advances interoperability not only within the State but also across State borders. It is cost-effective because it moves some users from the currently crowded 800 MHz system to the 700 MHz system, which will use the same infrastructure.

700 MHz and 800 MHz (132 Investments): Many States and Territories indicated that they had in place, or will migrate toward, a 700 MHz or 800 MHz system and/or will develop solutions to interoperate with 700 MHz or 800 MHz systems. Nearly half of Investments will develop or enhance a 700 MHz or 800 MHz system or to purchase equipment that interoperates with 700 MHz or 800 MHz systems. Many States and Territories plan to use both 700 MHz and 800 MHz spectrum for public safety radio communications. These spectrum bands promote interoperability and spectrum efficiency because higher frequency systems transmit voice and data more efficiently.

Trunking (107 Investments): Nearly half of all Investments will build or expand trunked radio systems. Trunked systems are spectrum efficient because they accommodate a greater number of users on a given set of radio channels.

Mutual Aid Systems (85 Investments): Mutual aid systems (also referred to as shared channels) are interoperability channels that can be shared across levels of government, disciplines, and jurisdictions. They are channels within the same band of operation that can be pre-programmed into subscriber units to achieve interoperability during emergencies. Nearly

one-third of the Investments will develop or enhance mutual aid systems, which not only facilitate greater interoperability but also promote spectrum sharing.

Gateways (76 Investments): A gateway is an advanced technology solution that is used to connect systems that operate on disparate frequencies or system architectures. Nearly one-third of the Investments include the use of gateways, and many of the gateway solutions are also IP-based.

Satellite (39 Investments): Satellite technology is included in a little over one-tenth of Investments. Satellite based Investments will use satellite-based connectivity or satellite phones. Satellite technology as a connectivity solution will be used in remote areas or for redundancy when terrestrial based systems (including those linked to wireless towers) are damaged or destroyed, thus satellite phones and satellite connectivity are also prevalent in STR solutions.

Video (18 Investments): Although video solutions are a small share of the Investments, this use of this advanced technology will be incoporated into communications and interoperability solutions. Although details on video solutions are not provided in some instances, many video-related Investments discussed the development of video capabilities for public safety agencies. Video solutions planned include enhanced common operating picture capabilities, in-vehicle video linking to dispatch, and/or a capability provided into the STR solution.

Planning and Coordination Trends

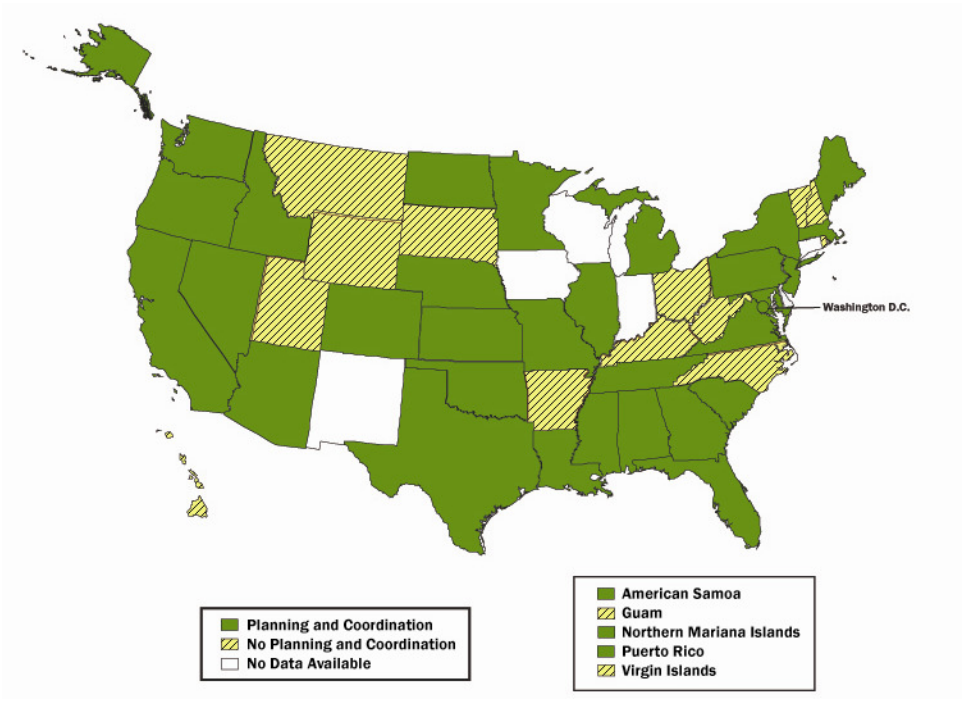
The Planning and Coordination allowable costs pertain to financial and technical planning as well as coordination among public safety agencies.[14] These allowable costs closely align with the Governance and Standard Operating Procedure (SOP) elements of the Interoperability Continuum, which stress the need for greater strategic and tactical planning and increased coordination among public safety agencies. The table below summarizes observations in the analysis of Investments that include Planning and Coordination.

Planning and Coordination Summary

- More than half of the States and Territories will conduct Planning and Coordination activities.
- The PSIC requirement for multi-disciplinary and multi-jurisdictional Investments often require the grantees to develop SOPs, particularly for solution and system related Investments.
- Many States and Territories are developing MOUs to coordinate interoperability at a strategic level.

Figure 7 depicts the 35 States and Territories that have allocated funds for Planning and Coordination.

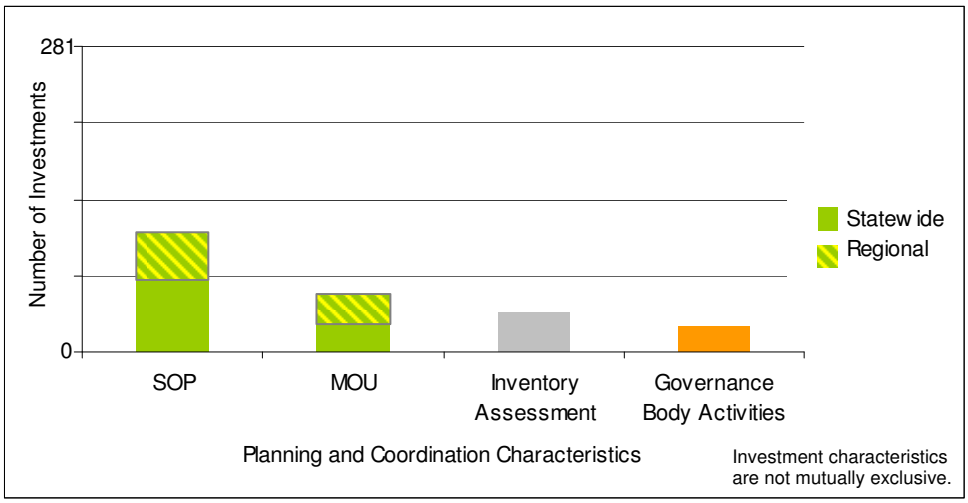
Figure 7: Use of Planning and Coordination Allowable Cost Area



[14] The Planning and Coordination section data does not include the Statewide Planning effort which is analyzed separately and highlighted on page 9 of the report.

States and Territories will use a total of $42.3 million in PSIC grant funds for Planning and Coordination activities. The primary Planning and Coordination activities include statewide interoperability governance activities, MOUs, and SOPs. These activities represent an important step in long-term sustainment and growth of interoperable communications capabilities within States, Territories, and regions. Figure 8 demonstrates the extent to which Planning and Coordination activities are included in the 281 reviewed Investments. As with Acquisition and Deployment, the characteristics outlined in the chart are not mutually exclusive; a single Investment can include multiple activities. As shown below, SOP development is the most common Planning and Coordination activity, indicating public safety agencies are moving toward developing formal and more standardized tactical planning agreements to more effectively respond to day-to-day and emergency events.

Figure 8: Planning and Coordination Investment Characteristics



Standard Operating Procedures (SOP) (110 Investments): Many States and Territories will develop statewide and regional SOPs to establish protocols and procedures. SOPs help to codify and standardize the processes by which different agencies will communicate and interoperate with one another. The PSIC requirement for multi-jurisdictional and multi-disciplinary Investments often necessitates the development and use of SOPs.

Memorandum of Understanding (MOU) (53 Investments): Approximately one-tenth of all Investments will develop MOUs to define roles and responsibilities among agencies for interoperable communications and emergency response.

Inventory Assessments (36 Investments): States and Territories will conduct communications equipment inventory assessments. Many States and Territories plan to use the Federal Communication Assets and Survey Mapping (CASM) tool. This tool helps

Continued Strategic Planning: Georgia

Georgia is proposing over five (5) percent of its PSIC funds toward Planning and Coordination activities. The $1.3 million proposed for the Planning and Coordination Investment will be implemented through workshops with each all-hazards region in the State. Activities include developing a statewide SOP template and completing SOPs, establishing a framework for integrating training into local and State training efforts, and creating a planning roadmap for developing regional and statewide exercises.

States and Territories to develop a database and map of communications equipment available across the State, Territory, or region, which is critical in disaster response and for coordinating deployable communications assets and mutual aid information.

Governance Body Activities (24 Investments): States will use PSIC Planning and Coordination funds to strengthen statewide interoperability governance committees–statewide committees that provide strategic planning and guide communications interoperability strategy and investments. Establishing or enhancing governance groups have a long-term benefit to interoperability and emergency communications. These groups help to create a formal, organized structure through which agencies can work toward a cohesive statewide or regional communications strategy. Such groups centralize the authority and capability to coordinate public safety communications strategy, planning, and investments, thereby maximizing all local, State, and Federal funding in the future.

Training and Exercises Trends

Training ensures that public safety agencies understand how to effectively use communications equipment and procedures to interoperate with other public safety agencies. Exercises are conducted to ensure familiarity with the communications system and validate the effectiveness of the communications solutions and SOPs. The Training allowable costs align closely with the Training and Exercise elements of the Interoperability Continuum. Allowable Training costs under the PSIC Grant Program include, but are not limited to, comprehensive user training; multi-jurisdictional interoperable communications-specific exercises and drills; development of user guides and instruction manuals; and the hiring of personnel or contractors/consultants to conduct training and exercise related activities. A summary of observations in Training related Investments is below.

Training Summary

- Training is included in two-thirds of State and Territory IJs.
- Training-related Investments include region and statewide training and exercises, helping to ensure greater coordination and interoperability capabilities.
- States and Territories are using PSIC funds to develop National Incident Management System (NIMS) capabilities, particularly through statewide Communications Unit Leader (COML) and Incident Communications Technician (COMT) training and certification programs.

Under PSIC, States and Territories are permitted to allocate up to 20 percent of their total Federal awards toward Training. Figure 9 represents the 34 States and Territories that elected to use PSIC funds for Training activities. A total of $22.2 million will be used for Training.

Figure 9: Use of Training Allowable Cost Area

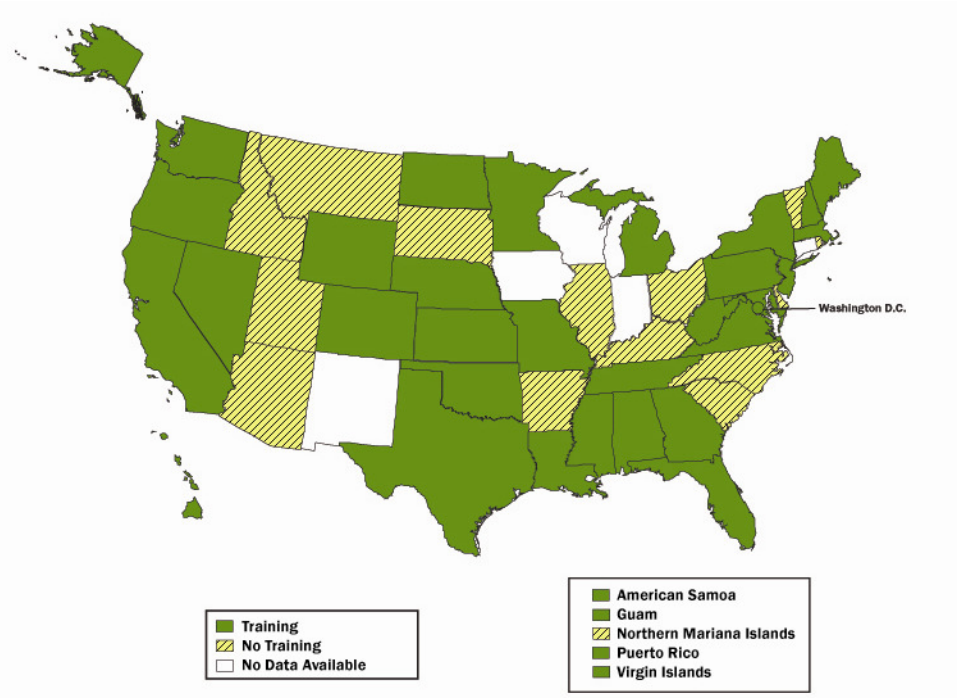
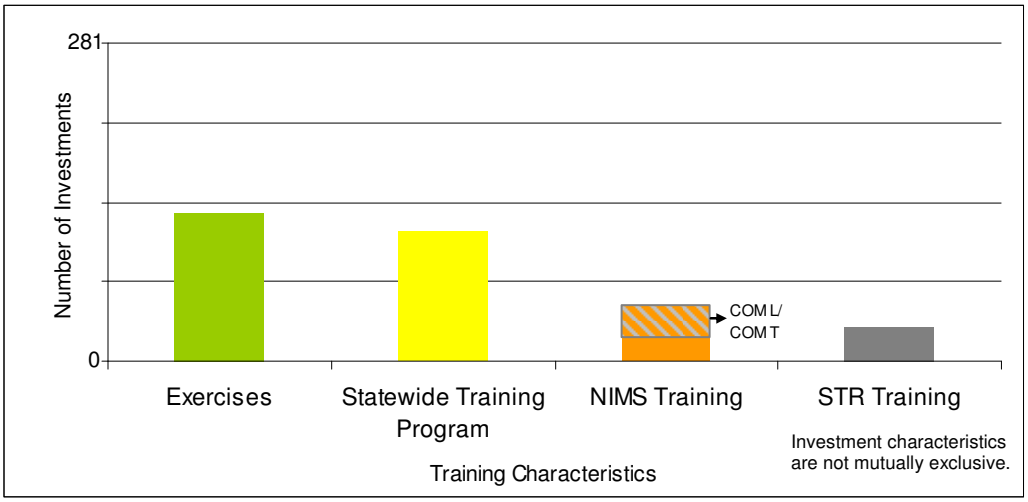


Figure 10 depicts the key Training characteristics found in the 281 analyzed Investments. As with the Acquisition and Deployment, the characteristics outlined in the chart are not mutually exclusive; a single Investment can include multiple activities. As reflected in the graph, the most common types of Training projects include exercises and statewide training. Many grantees noted that new training programs and exercises would be needed to ensure that their first responders are familiar with the new technology solutions and capabilities being developed with PSIC grant funds.

Figure 10: Training Investment Characteristics



Exercises (131 Investments): Exercises are the most prevalent Training activities in the PSIC Investments and one represented in almost half of the Investments. Exercises are based on emergency and response scenarios developed to establish proficiency in identifying communications resources needed and available, implementing processes and procedures, and leveraging solutions to effectively establish and maintain communications. Exercises give public safety agencies the opportunity to simulate response activities and complement training programs by testing agencies' capabilities to respond to, and communicate during, incidents.

Statewide Training Program (115 Investments): Statewide training programs and related activities are represented in approximately one-third of Investments. Many Investments cite the need for centralized, coordinated, and standardized training programs for all public safety officials to more effectively communicate and respond to emergencies.

National Incident Management System (NIMS) Training (21 Investments): Several States will invest in training that incorporate NIMS standards. NIMS is an emergency preparedness and response framework that offers a nationwide training template to enable all government, private sector, and non-governmental organizations to work together during domestic incidents.

Communications Unit Leader (COML) and Incident Communications Technician (COMT) Training Programs (28 Investments): Several States indicate that they will use PSIC funding to provide personnel with COML and/or COMT training. The COML and COMT are NIMS competencies. The COML supervises the Incident Communications Center and is responsible for developing plans to use incident communications equipment and facilities effectively. The COMT assists the COML and is responsible for installing, testing, distributing, repairing, and maintaining communications equipment. In 2005–2006, DHS required the Nation's 75 urban/metropolitan areas to develop Tactical Interoperable Communications Plans (TICP) to

support voice communications during the first hours of an incident response. A critical component of these plans is the inclusion of the COML position to ensure that trained personnel can coordinate-scene emergency communications during a multi-jurisdictional response. However, in 2006, a NIMS-certified all-hazards COML course had yet to be created. In 2008, DHS completed the curriculum and the COML course was certified as NIMS-compliant.

COML Training Program: Wyoming

Wyoming is allocating nearly 20 percent of its PSIC funds to launch statewide training in for the newly developed COML training program for all-hazards response. Training will be provided to first responders and communication leaders in each of the State's seven regional response areas and in the Wyoming Office of Homeland Security. Users will receive training in radio systems, radio operation, radio fleet map, Wyolink operating policies and procedures, and interoperability procedures among Federal, State, local, and tribal agencies for all- hazards events.

STR Training (30 Investments): Some Training Investments include training for first responders on newly acquired STR solutions. This is critical because many States and Territories are beginning to establish new STR solutions and responders must be trained on the use and deployment of STR solutions for effective response.

Strategic Technology Reserve Trends

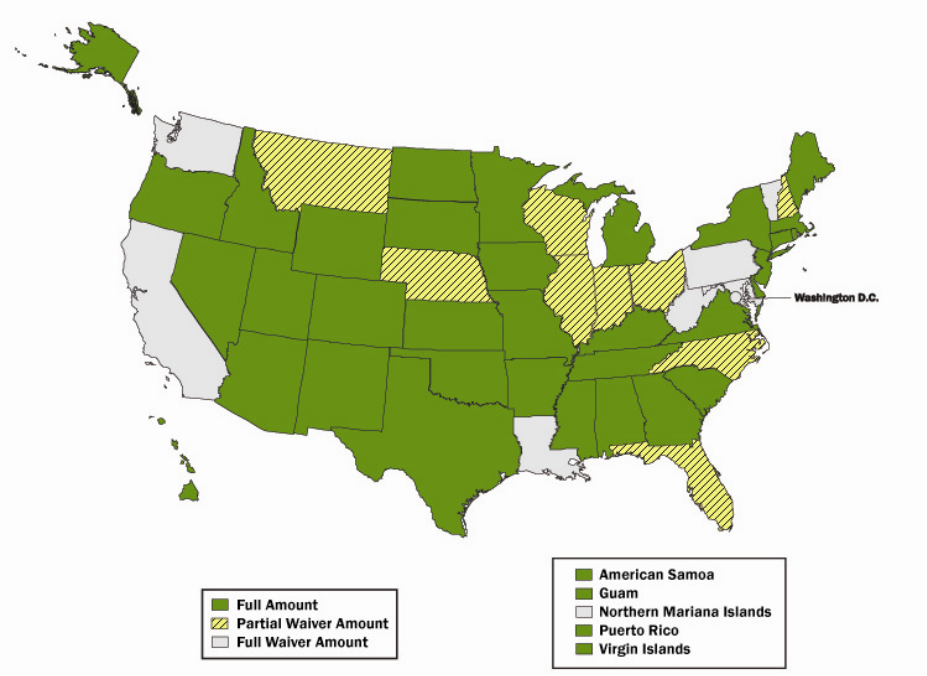
The 9/11 Act directed that the program allocate $75 million in grant funds to establish an STR solution. The $75 million was divided among each State and Territory through a set-aside presumptive funding amount, a portion of the larger State or Territory allocation, for the development or enhancement of an STR solution by purchasing deployable, pre-positioned equipment that is capable of re-establishing communications when communications infrastructure is damaged or destroyed. STR related Investment findings are summarized below.

Strategic Technology Reserve Summary

- Forty-seven States and Territories are using PSIC funds to establish or enhance an STR solution.
- Proposed STR solutions are based on tried and tested equipment, such as radio caches and mobile deployable infrastructure; however, many of the solutions include elements of advanced technology, such as IP, P25, and satellite.
- With the help of the PSIC Grant Program, States and Territories will have STR solutions in place to reconstitute critical emergency communications.

States and Territories could seek a waiver of this STR provision if they could demonstrate that an STR capability currently exists, a portion of the STR capability exists (and therefore a full STR funding amount is not necessary), or that the State or Territory has a higher priority public safety communications need. Figure 11 illustrates the States and Territories that will fund STRs or received a waiver of this requirement.

Figure 11: Use of STR Funds

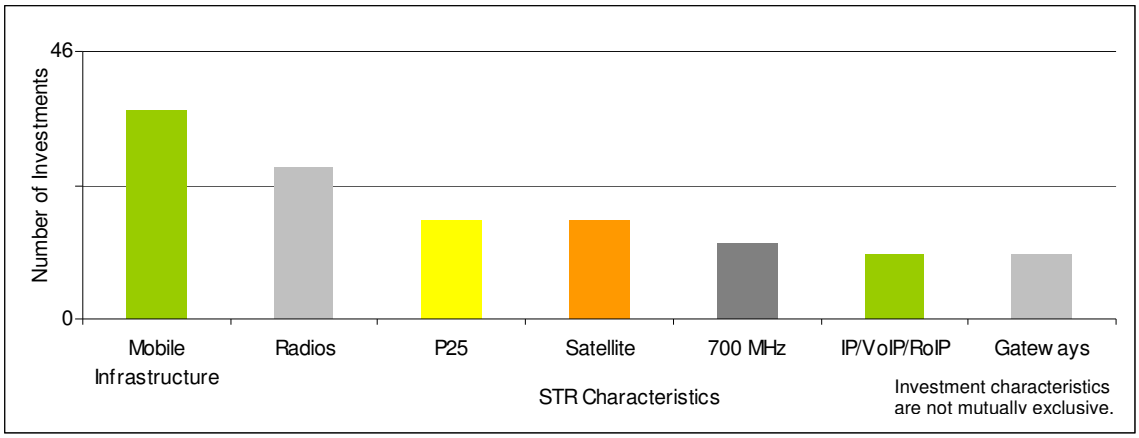


A total of 17 States demonstrated that they had some level of STR solution in place. One Territory demonstrated that a greater need and higher priority existed for that region, and the STR requirement was waived. Eight States demonstrated that fully functioning STR solutions were in place; these States were granted full waivers and will reallocate STR funds to other priority Investments within the State. Another nine States demonstrated that STR solutions were in place, and the program granted a waiver to use only a portion of the STR funding to enhance their current STR solutions, allowing the State to reallocate the remainder to other priority Investments within the State.

The use of STR funds depicted in Figure 11 indicates that while a portion of States and Territories were granted waivers, nearly two-thirds of the States plan to use their STR allocation, demonstrating the need for State and Territories to develop or enhance their STR capabilities. Approximately $51 million in STR Investments have been approved under PSIC, and $12 million in matching funds will be leveraged for STR Investments, bringing the total Investment in STR solutions to more than $63 million.

Figure 12 illustrates the key technology and equipment characteristics found in the 46 STR Investments. The technology elements are not mutually exclusive, a single Investment can include multiple characteristics. Most STRs include both mobile deployable elements, including radio caches and mobile deployable infrastructure, but also advanced technology characteristics, incorporating P25, IP, and satellite technology into those deployable elements to expand functionality.

Figure 12: STR Investment Characteristics



Mobile Infrastructure (36 Investments): Three-fourths of the STR Investments will deploy mobile infrastructure assets. Examples include site-on-wheels (SOW), cells-on-wheels (COW), portable repeaters, portable towers, portable antenna systems, mobile command vehicles, and trailers used to re-establish communications when systems are damaged or destroyed. Most mobile infrastructure Investments also include advanced technology characteristics, such as P25, 700 MHz, satellite and IP, as discussed below.

Radios (26 Investments): Many States and Territories cite the need for additional radios to extend to outside providers during emergencies that require mutual aid. As a result, more than half of STR solutions will include pre-positioned radio caches.

P25 (17 Investments): One-third of STR solutions, particularly those involving radio caches, include the P25 standard. Including P25 technology in STR solutions is especially critical as catastrophic events often require interoperability with multi-disciplinary and multi-jurisdiction first responders.

Satellite (17 Investments): More than one-third of STR Investments include satellite technology. Satellite technology characteristics observed include deployable infrastructure with satellite connectivity capabilities and satellite phones.

700 MHz (13 Investments): Nearly a third of the STR solutions include the ability to interoperate with the 700 MHz band. Solutions include radio caches and mobile infrastructure able to operate or interoperate with the newly available 700 MHz band.

IP/RoIP/VoIP (11 Investments): Other advanced technologies, including IP, VoIP, and/or RoIP are often incorporated into STR solutions. IP functionality, including wireless data, VoIP, and RoIP, are becoming available in mobile deployable solutions, particularly mobile command vehicles and trailers.

Gateways (11 Investments): Mobile gateway solutions and capabilities are reflected in a fourth of the STR investments. Mobile gateways enable on-scene interoperability by connecting disparate communications systems.

IV. Moving Forward

The Nation relies on local, State, and Territory public safety agencies to protect life, health, and property in cities and towns across the Nation. Wireless communications interoperability is essential to their ability to communicate between and among agencies and across jurisdictions so they can respond quickly and effectively to day-to-day incidents as well as major disasters and other emergencies.

The PSIC Grant Program provides critical funding to State, Territory, and local public safety agencies to improve interoperability among first responders. The PSIC Grant Program is helping to enhance the development of strategic plans and the coordination of interoperability projects. The program will also help strengthen governance structures and SOPs, enable strategic investments in advanced technology to meet interoperability needs, and fund training and exercises to test the effectiveness of communications solutions. The PSIC Program will have a significant effect on communications interoperability among first responders. This analysis yielded four key findings that illustrate the PSIC Grant Program's initial impact–

- States and Territories are migrating from single communications networks that are operated independently to a system of systems approach. State, Territory, and local public safety agencies will use advanced and standards based technology to leverage existing infrastructure and are coordinating technology approaches to improve interoperability.
- The PSIC Grant Program will ensure that States and Territories can establish or sustain emergency communications capabilities through the STR requirement. This is the first time that States and Territories were required to consider the total loss of communications infrastructure into their planning and operations.
- The PSIC Grant Program process enhanced coordination among State and Territory and local stakeholders in a number of ways, but most particularly by requiring that Investments align with Statewide Communication Interoperability Plans. States and Territories must continue to work on ensuring that all participating agencies remain engaged and involved in the PSIC projects.
- State and local entities will contribute more than $256 million in matching funds to support interoperable communications improvements. As the non-Federal match is a unique grant requirement, the program will monitor the grantees to ensure that requirements are met.

This report on the approved Investments serves as a foundational document against which the PSIC grantees' progress will be analyzed. Ongoing program stewardship, which will take the form of monitoring the performance of grantees and providing them with assistance, will continue to yield lessons learned, best practices, and information that will guide future use of Federal grant funds for improving communications interoperability.

Acronyms

Acronym			Definition
A			
B			
C		CASM	Communications Asset Survey and Mapping
		COML	Communications Unit Leader
		COMT	Incident Communications Technician
		COW	Cell on Wheels
D		DHS	Department of Homeland Security
E			
F		FEMA	Federal Emergency Management Agency
G		GPD	Grant Programs Directorate
H		HSGP	Homeland Security Grant Program
I		IP	Internet Protocol
J			
K			
L			
M		M&A	Management and Administration
		MHz	Megahertz
		MOU	Memorandum of Understanding
N		NECP	National Emergency Communications Plan
		NGO	Non-Governmental Organization
		NIMS	National Incident Management System
		NTIA	National Telecommunications and Information Administration
O			
P		P25	Project 25
		PSIC	Public Safety Interoperable Communications
Q			
R		RoIP	Radio Over Internet Protocol
S		SAA	State Administrative Agency
		SCIP	Statewide Communication Interoperability Plan
		SOP	Standard Operating Procedure
		SOW	Site on Wheels
		STR	Strategic Technology Reserve
T		TICP	Tactical Interoperable Communication Plan

Acronym			Definition
U		UASI	Urban Area Security Initiative
		UHF	Ultra High Frequency
V		VHF	Very High Frequency
		VoIP	Voice Over Internet Protocol
W			
X			
Y			
Z			

Appendix A: Report Approach and Methodology

The PSIC Grant Program report, *Improving Interoperability Nationwide: Overview of Initial State and Territory Investments*, provides a summary analysis of how States and Territories intend to spend PSIC grant funds, and is based on a trend analysis of Investment characteristics observed in a review of approved State and Territory PSIC Investment Justifications (IJ).

Data Source
State and Territory IJs served as the primary data source for the Investment analysis. At the time of this analysis, IJs had been approved for 51 States and Territories; five States were pending programmatic approval of IJ (as of September 30, 2008). Thus, only the 51 approved IJs, representing 281 Investments, were reviewed.

Methodology
An initial review of approved Investments and examination of programmatic goals and priorities provided the key Investment trends and characteristics that were analyzed and cataloged for each Investment. A data capture tool was developed to document these Investment trends and characteristics along the primary allowable cost areas (Acquisition and Deployment, Planning and Coordination, and Training) and STR related Investments. Each approved Investment was examined, and the Investments' trends and characteristics were tracked in the data capture tool. The depiction of Investment characteristics was at a binary (yes or no) level. As most Investments include more than one allowable cost area and are multi-faceted in terms of activities and characteristics, multiple characteristics or trends were cataloged in the capture tool. This technique ensured that the characteristics and trends for each Investment were not mutually exclusive. Multiple characteristics and trends could be associated with a single Investment. For example, a single Investment could include the development of a P25, statewide system on the 700 MHz band and the training and SOP development for the new system. This approach allowed each characteristic to be captured in the analysis, which in this example would include P25, shared system, 700 MHz, statewide SOP development, and statewide training program. The table below reflects a high-level depiction of what was reviewed and the total number of key trends and characteristics observed in each of the allowable cost areas, including STR solutions.

	States and Territories	Investments	Acquisition and Deployment	Planning and Coordination	Training	STR
			Characteristics Observed in Investments			
Number	51	281	1004	223	325	N/A
	42	46	N/A	N/A	N/A	131

The data capture tool also reflected State and Territory Investment budgets by allowable cost area and by non-Federal match amounts and sources. The PSIC grantees were not required to provide detailed project Investments for their respective IJ applications.

The data provided an aggregate view of how PSIC grantees plan to use their grant funding, which is summarized in the charts and graphs in this report. This approach provides a high-level summary of how States and Territories intend to spend their PSIC grant funds to achieve meaningful improvements in public safety interoperability. This analysis also provides insight into the priorities of the States and Territories, and it reveals several secondary findings that reflect the full impact of the PSIC Grant Program (e.g., greater State and local collaboration), which are also summarized in this report.

Appendix B: State and Territory Investment Summaries

This Appendix contains State and Territory Investment Summaries that summarize how each State and Territory intend to use their PSIC grant funds. All Investment Summary data is also valid as of September 30, 2008.

Alabama (AL)

PSIC Federal Award: $13,585,399

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR) Investment	$1,052,169
Project 25 (P25)-Compliant Statewide Communications System	$10,917,570
Wide Area Interoperability System (WAIS)	$1,000,000
Enhancement of State, Regional, and Local Governance Structures	$85,000
Virtual Alabama Communications Layer	$500,000
Management and Administration (M&A)	$20,000
Statewide Planning	$10,660
Total PSIC Award	**$13,585,399**

Pass Through: The Alabama Department of Homeland Security entered into Memoranda of Understanding with the local public safety agencies. The agreements authorize the Alabama Department of Homeland Security to expend PSIC Grant Funding in the amount of $13,585,399 on behalf of these agencies.

Strategic Technology Reserve (STR): Alabama allocated $1,052,169 to its STR Investment.

Investments

Strategic Technology Reserve (STR) Investment

Federal Amount:	$ 1,052,169
Non-Federal Match Amount:	$ 110,000
Total Project Cost:	**$ 1,162,169**

97%* Acquisition & Deployment	**3%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will strengthen Alabama's current Strategic Technology Reserve (STR) for enhancing statewide interoperable communications capabilities. The State has already begun developing its STR, and this Investment will provide additional equipment and training needed for response to major disasters and catastrophic events. Radio caches will be purchased for each region and portable tower/repeater capabilities will be added. This Investment satisfies the PSIC program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Project 25 (P25)-Compliant Statewide Communications System

Federal Amount:	$ 10,917,570
Non-Federal Match Amount:	$ 3,014,935
Total Project Cost:	**$ 13,932,505**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

At present, over 90 percent of State and local agencies operate their own systems and cannot communicate with each other without using a gateway device. This Investment will enhance interoperability through an integrated voice/data communications platform that will enable the various public safety agencies to communicate with each other. The procured equipment (e.g., repeaters, additional radio towers) will allow agencies to communicate via mutual aid channels over a common P25-compliant system, affording a more coordinated response from statewide mutual aid resources.

Wide Area Interoperability System (WAIS)

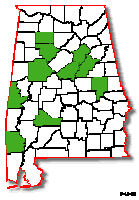
Federal Amount:	$ 1,000,000
Non-Federal Match Amount:	$ 110,000
Total Project Cost:	**$ 1,110,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Gateways are installed in each of Alabama's 67 counties and its regional communications vehicles. However, most of these gateways are not networked to each other, which is essential to achieve statewide interoperability. This Investment will faciliate interoperability during emergencies by ensuring a broadband Internet connection is available for communications. Moreover, this Investment will enhance the statewide communications platform by creating connectivity between disparate frequency bands, and providing backup redundancy.

Enhancement of State, Regional, and Local Governance Structures



Federal Amount:	$ 85,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 85,000**

0%* Acquisition & Deployment	**71%** Training & Exercise	**29%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will support the implementation of the Statewide Communication Interoperability Plan (SCIP) and ensure local involvement in State strategies and objectives. By developing governance structures to oversee interoperable communications, the State will reduce internal jurisdictional conflicts during emergencies and improve communication, coordination, and cooperation in day-to-day operations. The training will focus on adopting common terminology, using mutual aid channel, and promoting standardized training across all levels of government within the State.

Virtual Alabama Communications Layer

Federal Amount:	$ 500,000
Non-Federal Match Amount:	$ 100,000
Total Project Cost:	**$ 600,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Alabama Department of Homeland Security (ALDHS) proposes expanding the use and functionality of its Virtual Alabama (VA) program, which relies on the Google Earth Enterprise application. Enhancement of the interoperable communications layer in VA's geospatial information management capacity will give the VA team the capability to build an accurate model of the current state of communications and interoperable communications infrastructure and resources. Additionally, the technology has the capacity to overlay real-time inventory data (e.g., gateways, regional communications vehicles, and radio caches) with route mapping to better manage, control, and integrate communication resources. This added capability will also make it possible for the command structure to more accurately assess communications needs.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 20,000
Non-Federal Match Amount:	$ 5,000
Total Project Cost:	**$ 25,000**

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	$10,660

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 (AK)

PSIC Federal Award: $7,250,345

(Awarded September 30, 2007)

Summary

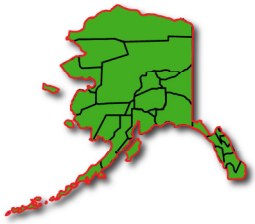
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$587,500
Planning, Assessment, and Coordination	$691,852
Training and Exercise	$777,642
Equipment Deployment and Acquisition	$3,315,638
Non-Governmental Interoperability	$1,662,713
Management and Administration (M&A)	$215,000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

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)



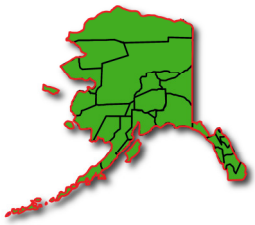
Federal Amount:	$ 587,500
Non-Federal Match Amount:	$ 125,000
Total Project Cost:	**$ 712,500**

88%* Acquisition & Deployment	**0%** Training & Exercise	**12%** Planning & Coordination

**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



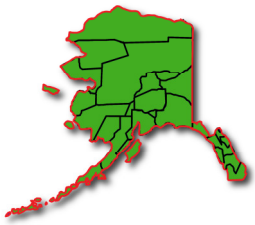
Federal Amount:	$ 691,852
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 691,852**

0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**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



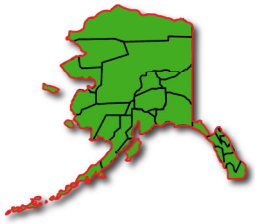
Federal Amount:	$ 777,642
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 777,642**

0%* Acquisition & Deployment	**89%** Training & Exercise	**11%** Planning & Coordination

**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



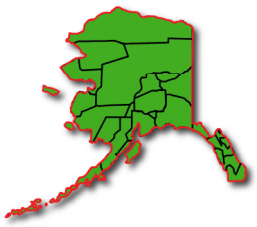
Federal Amount:	$ 3,315,638
Non-Federal Match Amount:	$ 828,909
Total Project Cost:	**$ 4,144,547**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**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
Total Project Cost:	**$ 2,066,312**

98%* Acquisition & Deployment	**2%** Training & Exercise	**<1%** Planning & Coordination

**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.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 215,000
Non-Federal Match Amount:	$ 53,750
Total Project Cost:	**$ 268,750**

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

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.

American Samoa (AS)

PSIC Federal Award: $ 691,948

(Awarded September 30, 2007)

Summary

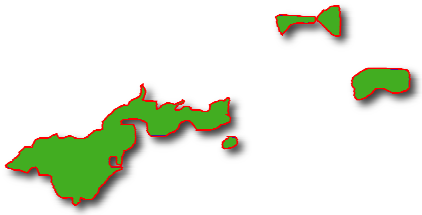
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR) — Portable Repeaters and Satellite Phones	$166,000
American Samoa Combined Dispatch Upgrade	$525,948
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$691,948**

Pass Through: American Samoa, as a U.S. Territory, did not have a pass-through requirement under the PSIC Grant Program.

Strategic Technology Reserve (STR): American Samoa allocated $166,000 to its STR Investment.

Investments

Strategic Technology Reserve (STR) — Portable Repeaters and Satellite Phones



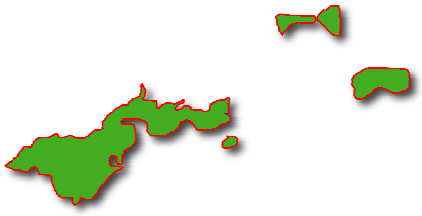
Federal Amount:	$ 166,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 166,000**

93%* Acquisition & Deployment	**6%** Training & Exercise	**1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will provide for the procurement of a Strategic Technology Reserve (STR) that will consist of portable repeaters and satellite phones that are deployable and able to re-establish communications in the event of system failure or damage. The Investment will provide portable repeaters (UHF/VHF), which are deployable and field programmable to UCALL/UTAC, the national and regional mutual aid channels. The Investment also includes a mobile tower system (mobile vehicle, vehicle-mounted tower, and vehicle-mounted generator) and satellite phones that will re-establish communications in the event of communications failure or loss. The STR will be maintained and deployed by the American Samoa Telecommunications Authority (ASTCA) and will be available for deployment to any public safety agency throughout the Territory upon request. This Investment satisfies the PSIC 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.

American Samoa Combined Dispatch Upgrade



Federal Amount:	$ 525,948
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 525,948**

93%* Acquisition & Deployment	**6%** Training & Exercise	**1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment proposes to upgrade American Samoa's existing single-seat dispatch center to an integrated three-console dispatch system designed to modernize and significantly expand the center's existing dispatch capabilities. When completed, this Investment will result in an operational, combined dispatch center serving the Department of Public Safety (DPS) and emergency medical services (EMS) responders of the American Samoa Tropical Medical Center (ASTMC). The dispatch center will be equipped with modernized equipment, including ultra high frequency (UHF) radio consoles, consolettes, Positron power user phones, E-911, computer-aided dispatch (CAD) with geographic information system (GIS) mapping interfaces, telecommunications devices for the deaf (TDD/TDY), call and radio traffic voice logging, and external agency ring-down lines. These enhancements will enable the Territory to have greatly improved interoperable communications among all primary emergency response agencies.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$	0
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**0**

The Territory was allowed to retain up to three percent of the total PSIC award for costs associated with the administration of the Territory'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. American Samoa, however, chose not to allocate its PSIC funds in this manner.

Statewide Planning

Federal Amount	$	0

The Territory 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. American Samoa, however, chose not to allocate its PSIC funds in this manner.

Arizona (AZ)

PSIC Federal Award: $17,713,050

(Awarded September 30, 2007)

Summary

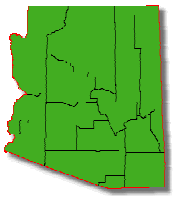
PSIC Investment Justification	Federal Funds
Augmenting Strategic Technology Reserve (STR)	$1,371,850
Update Statewide Microwave	$2,258,000
Enhancing Regional 700/800 Megahertz (MHz) Systems	$13,226,809
Management and Administration (M&A)	$531,391
Statewide Planning	$325,000
Total PSIC Award	**$17,713,050**

Pass Through: Arizona entered into Memoranda of Understanding with local jurisdictions. The agreements authorize the State to expend PSIC grant funding on behalf of these jurisdictions.

Strategic Technology Reserve (STR): Arizona allocated $1,371,850 to its STR Investment.

Investments

Augmenting Strategic Technology Reserve (STR)



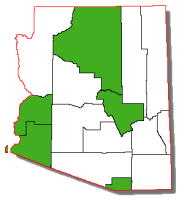
Federal Amount:	$ 1,371,850
Non-Federal Match Amount:	$ 342,963
Total Project Cost:	**$ 1,714,813**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Arizona Chief Executive, key officers, and Cabinet members do not have a reliable communications system to use amongst themselves and with State-level response agencies in times of emergency. While the Arizona Department of Emergency Management and Military Affairs (AZDEMA) maintains several mobile communications vehicles and one fully equipped command center, these assets do not provide all the equipment necessary to support a large-scale, multi-jurisdictional incident. This Investment will augment the existing STR with the purchase of additional portable telecommunications capabilities, including telephone service, radio caches, and equipment that enables local and wide-area networking capabilities. This equipment will be pre-positioned throughout the State, will support emergency operations, and will provide interoperable communications for State officers and response agencies in the event of system failure. This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to re-establish communications when critical infrastructure is damaged or destroyed.

Update Statewide Microwave Backbone



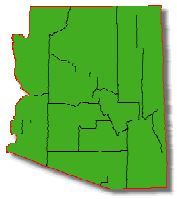
Federal Amount:	$ 2,258,000
Non-Federal Match Amount:	$ 564,500
Total Project Cost:	**$ 2,822,500**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Arizona microwave system is an analog backbone system which no longer meets the needs of public safety agencies. Much of the equipment supporting the analog system is old and in need of replacement. There is a need for digital high capacity links for agencies wanting to participate in the statewide radio system. This Investment will upgrade multiple links of the statewide microwave system from analog to digital technology. The scope of the Investment will include the upgrade and replacement of radio equipment and ancillary support structures (e.g., one mobile command center vehicle, four mobile communications vehicles, and an 800 MHz radio cache), and the creation of new sites. The Investment will serve the Cities of Flagstaff, Yuma, and Nogales, and the Counties of La Paz and Gila, and will support interoperability and the exchange of voice and data between public safety agencies within those regions and across the State.

Enhancing Regional 700/800 MHz Systems



Federal Amount:	$ 13,226,809
Non-Federal Match Amount:	$ 9,862,453
Total Project Cost:	**$ 23,089,262**

95%* Acquisition & Deployment	**0%** Training & Exercise	**5%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Arizona public safety agencies and nongovernmental agencies (NGO) use a variety of radio frequencies and technologies, which impedes interoperability. Several metropolitan areas of the State have migrated to 700/800 MHz systems, but most agencies use VHF and UHF conventional radio systems that are not interconnected. Arizona is implementing a statewide system that will be interconnected to the regional systems. Through four sub-projects, this Investment will implement a statewide system by connecting various regional systems.

(1) The State will interconnect two regional systems using State microwave sites, and purchase mobile and portable radios for State agencies using the interconnected systems. This Investment will enable interoperability between State agencies and across multiple jurisdictions
(2) The Phoenix-Mesa system (PRWN) project will install ten single channel Project 25 (P25) base stations on six high altitude peaks, increasing radio capacity, coverage, and redundancy for public safety agencies that use the system.
(3) The Yuma Regional Communications System (YRCS) project will purchase mobile, portable, and control station radios for small communities to bring their public safety agencies and dispatch centers onto the regional system, which enables greater interoperability between local and regional response agencies.
(4) The Pima County Wireless Network (PCWIN) project supports the build-out of the County's wireless regional system infrastructure.

The projects in this Investment move the State toward a fully interoperable statewide system by connecting various regional systems. This Investment improves interoperability across the State, connects disparate systems, increases coverage and capacity for users, brings smaller communities onto the statewide network, and builds out a regional infrastructure that will advance the goal of greater interoperability statewide.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 531,391
Non-Federal Match Amount:	$ 132,848
Total Project Cost:	**$ 664,239**

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	$325,000

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.

Arkansas (AR)

PSIC Federal Award: $11,169,402

(Awarded September 30, 2007)

Summary

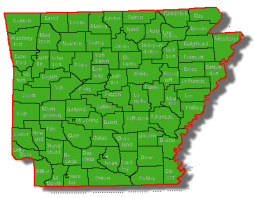
PSIC Investment Justification	Federal Funds
Site on Wheels – Strategic Technology Reserve (STR)	$865,054
Satellite Backup System	$4,357,034
Network Interconnect Equipment	$3,000,000
Capacity/Infrastructure	$2,035,000
Sebastian County Arkansas Wireless Information Network (AWIN) Expansion Project	$315,732
Management and Administration (M&A)	$335,082
Statewide Planning	$261,500
Total PSIC Award	**$11,169,402**

Pass Through: The Arkansas Department of Emergency Management entered into Memoranda of Understanding with the local counties. These agreements authorize the Arkansas Department of Emergency Management to expend PSIC grant funding on behalf of the locals in accordance with program guidelines.

Strategic Technology Reserve (STR): Arkansas allocated $865,054 to its STR Investment.

Investments

Site on Wheels—Strategic Technology Reserve (STR)



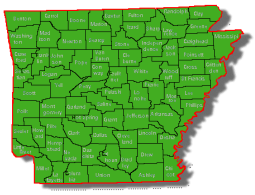
Federal Amount:	$ 865,054
Non-Federal Match Amount:	$ 216,264
Total Project Cost:	**$ 1,081,318**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

While Arkansas has been successful in developing the infrastructure for the Arkansas Wireless Information Network (AWIN) system and deploying equipment, an identified communications gap is the inability to restore communications if a tower site is damaged or destroyed. For this STR Investment, the State will procure a mobile radio unit with a cache of 40 to 50 radios and assemble a team that will be trained to deploy and manage the equipment. The equipment will be used to restore and/or augment communications during emergencies or large events. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Satellite Backup System



Federal Amount:	$ 4,357,034
Non-Federal Match Amount:	$ 1,089,258
Total Project Cost:	**$ 5,446,292**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

AWIN is used by 13,000 first responders across the State of Arkansas. Many public safety officials have come to use AWIN as their primary radio communications system. This Investment provides satellite phones to each jurisdiction and cabinet-level agency in the State, which will serve as a backup communications system for first responders should a disaster render AWIN unusable.

Network Interconnect Equipment

Federal Amount:	$ 3,000,000
Non-Federal Match Amount:	$ 750,000
Total Project Cost:	**$ 3,750,000**

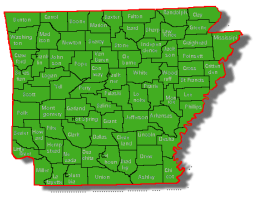
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Although Arkansas' public safety agencies have connectivity to the AWIN system through the command and control structure, many jurisdictions continue to use their local systems as the chief method of communications for daily operations. This Investment will allow for the acquisition of AWIN network equipment to more easily connect the local first responders to the statewide system. Additionally, the Investment will ensure that the redundant satellite phone system may be connected to the AWIN system via these network interconnectivity tools. The State will initially conduct a needs assessment and will then purchase the appropriate equipment to ensure network connectivity.

Capacity/Infrastructure

Federal Amount:	$ 2,035,000
Non-Federal Match Amount:	$ 508,750
Total Project Cost:	**$ 2,543,750**

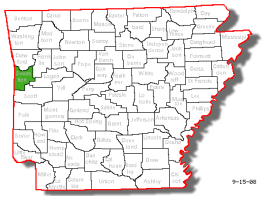


100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

As an increasing number of public safety users move to the statewide system, the AWIN infrastructure and capacity must be expanded. This Investment allows for the acquisition and deployment of additional infrastructure equipment, including additional radio communications sites to eliminate areas of poor coverage and add channels in more densely populated areas across the State, based on areas of the greatest need, to enhance AWIN backbone system capacity. All procured equipment will be in the 700 MHz range and will operate on the Project 25 (P25) digital trunked system. This solution will enable more local public safety entities to use AWIN as their primary method of communications for daily operations.

Sebastian County
AWIN Expansion Project



Federal Amount:	$ 315,732
Non-Federal Match Amount:	$ 78,933
Total Project Cost:	**$ 394,665**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Sebastian County's radio systems are antiquated and experience frequent failures. The county also has many areas that lack radio coverage. This Investment will provide for the purchase of infrastructure equipment that integrates with the P25 700/800 MHz trunked AWIN system. This project will increase capacity and coverage for the large number of Sebastian County AWIN system users.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 335,082
Non-Federal Match Amount:	$ 83,770
Total Project Cost:	**$ 418,852**

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	$ 261,500

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.

California (CA)

PSIC Federal Award: $94,034,510

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
State Agency Investments Including Statewide Initiatives	$15,985,867
Los Angeles Regional Interoperable Communications System	$22,278,788
Central California Statewide Interoperability Executive Committee (CALSIEC)/Fresno UASI Interoperable Communications Project	$5,431,433
Northern Planning Area (NPA)	$2,444,897
Orange County and Concurrent County/City Interoperable Communications Development Plan	$12,748,170
Bay Area Super Urban Area Security Initiative (SUASI) in coordination with the Capital/Bay Area Planning Area	$14,941,977
Capital Public Safety Interoperable Communications Program	$7,850,242
San Diego Urban Area and Imperial County Interoperability Improvements	$9,532,101
Management and Administration (M&A)	$2,821,035
Statewide Planning	-
Total PSIC Award	**$94,034,510**

Pass Through: The State of California fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal governments or authorized nongovernmental agencies.

Strategic Technology Reserve (STR): California submitted a written request for an STR waiver based on the fact that the State had previously invested $8,000,000 in efforts to establish an STR. The State currently maintains adequate resources (e.g., redundant communications systems, mobile communications vehicles, gateways, radio caches) to re-establish communications if existing critical infrastructure is damaged or destroyed, and was therefore granted a full waiver.

Investments

State Agency Investments Including Statewide Initiatives

Federal Amount:	$ 15,985,867
Non-Federal Match Amount:	$ 2,418,820
Total Project Cost:	**$ 18,404,687**

66%* Acquisition & Deployment	**4%** Training & Exercise	**30%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment supports a series of State agency projects that will address communications gaps that include outdated systems, disjointed interoperability efforts, and decentralized resource and information availability. Specific projects within the Investment include the usage of the Communications Assets Survey and Mapping Tool (CASM) to complete a State asset equipment inventory; the development and publication of an Interoperability Field Operations Guide (IFOG); and creation of a 10-Year Strategic Plan for the Public Safety Radio Strategic Planning Committee (PSRSPC). The Investment will also enhance the State's mutual aid infrastructure, support the build-out of the Operational Area Satellite Information System (OASIS), and support statewide Communications Unit Leader (COML) training. Finally, the Investment will strengthen California's overall emergency communications governance structure by providing assistance to the California Statewide Interoperability Executive Committee (CalSIEC) and the PSRSPC. With this Investment, the State will be positioned to improve communications in high risk areas, adopt advanced technological solutions, improve resource efficiency, and increase interoperability through all regions of the State.

Los Angeles Regional Interoperable Communications System (LA-RICS)

Federal Amount:	$ 22,278,788
Non-Federal Match Amount:	$ 5,569,697
Total Project Cost:	**$ 27,848,485**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Los Angeles/Long Beach Urban Area's 31 fire, 39 law enforcement, and public health/emergency medical services (EMS) departments currently operate on incompatible voice and data systems that operate in various bands (VHF/UHF/800MHz) and on various platforms that use different proprietary software. These disparate systems provide inadequate coverage for the region and insufficient capacity for large-scale incidents. This Investment funds the design of a combined Los Angeles/Long Beach voice and data system known as the Los Angeles Regional Interoperable Communications System (LA-RICS). The system will operate on UHF, 700 MHz, and 800 MHz frequency bands and serve all first responders in the Los Angeles/Long Beach, which is a designated Tier One Urban Area Security Initiative (UASI) area. This Investment will improve the speed and efficiency of voice and data communications for first responders and facilitate effective multi-jurisdictional, multi-disciplinary mutual aid response during routine operations and emergencies.

Central California Statewide Interoperability Executive Committee (CalSIEC)/Fresno UASI Interoperable Communications Project

Federal Amount:	$ 5,431,433
Non-Federal Match Amount:	$ 959,687
Total Project Cost:	**$ 6,391,120**

90%* Acquisition & Deployment	**1%** Training & Exercise	**9%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Fresno County is currently the only county in the region with a functioning interoperable communications system. The Fresno UASI built an interoperable network that allows voice communications between all first responders in the county by incorporating four elements: (1) dispatch consoles throughout the county to patch disparate radio channels into the system; (2) a microwave/fiber optic network to link these consoles together; (3) dual-band radios in all first responder vehicles; and (4) a portable radio cache for major incidents and mutual aid This Investment supports the implementation of a similar communications network in the Central California Planning Area (PA), which does not currently have seamless voice and data capabilities for first responders. The California Statewide Interoperability Executive Committee (CalSIEC) voted unanimously to use PSIC funds for this Investment, which will address the Central Planning Area's lack of regional communications interoperability and enhance the communications interoperability capabilities of the Fresno UASI region by providing funding for additional equipment and training to test the efficiency and effectiveness of the system.

Northern Planning Area (NPA)

Federal Amount:	$ 2,444,897
Non-Federal Match Amount:	$ 418,076
Total Project Cost:	**$ 2,862,973**

73%* Acquisition & Deployment	**3%** Training & Exercise	**24%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, there is no single system linking jurisdictions and agencies in the California Statewide Interoperability Executive Committee's (CalSIEC) Northern Planning Area (NPA). The region operates instead on a number of disparate and aging radio systems. This Investment will fund the development of a regional interoperable communications plan for all 18 counties in the Northern Planning Area (NPA). The proposed plan will serve as a roadmap for the development of a regional system using a "system of systems" approach. While the plan is being developed, there are several short term gaps already identified that will help address some of the immediate communications needs in the region. These projects will implement Voice over Internet Protocol (VoIP) solutions to connect emergency operations centers; develop a wireless solution to connect radio and data systems across disciplines; develop joint repeater sites in key areas within the region; develop a new microwave backbone; and acquire Project 25 (P25)-compliant radio and mobile relay equipment to enable interoperability between agencies and across jurisdictions. Successful implementation of this Investment will result in the implementation of some critical emergency communications projects, and a comprehensive regional interoperability plan to guide future technology investments.

Orange County and Concurrent County/City Interoperable Communications Development Plan

Federal Amount:	$ 12,748,170
Non-Federal Match Amount:	$ 3,959,543
Total Project Cost:	**$ 16,707,713**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Orange, Inyo, Mono, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties and the City of Ventura face numerous obstacles to interoperability. There is a wide range of legacy systems and limited interoperability between those systems. Additionally, dispatch consoles with P25 capability are limited or non existent. This Investment will develop an inter-county system, which includes using repeaters, microwave links, computer aided dispatch systems, P25-compliant dispatch consoles, and portable radios. This Investment will upgrade and link disparate systems and equipment across the eight counties and enable interoperability and data communications through advanced technology.

Bay Area Super Urban Area Security Initiative (SUASI) in coordination with the Capital/Bay Area Planning Area

Federal Amount:	$ 14,941,977
Non-Federal Match Amount:	$ 3,733,404
Total Project Cost:	**$ 18,675,381**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

In the Bay Area, there are presently five different bandwidths utilized by local public safety agencies. The region's fragmented assignment of frequencies over the past decades has resulted in a patchwork of disparate public safety voice and data communications networks that have coverage gaps and limited interoperability between users of these disparate systems. In addition, many Bay Area agencies are experiencing congestion on their radio systems due to the lack of available frequencies in the 150/450/490/800 MHz bands. This Investment addresses these communications gaps through the build-out of the Bay Area Regional Communication System (BARCS), a hybrid 150/700/800 MHz P25-compliant network that will provide seamless interoperability throughout the area and along the I-80 corridor to Sacramento. The Investment will provide three P25 master sites and twenty 700 MHz radio sites with a total of 162 channels deployed. The build-out will focus on high-risk areas, including the Bay Area SUASI, and transportation corridors in six Bay Area counties. This Investment will increase the number of agencies that are interoperable, enable agencies to "roam" throughout the Bay Area, and allow agencies to communicate seamlessly with other public safety agencies and with their own dispatch centers.

Capital Public Safety Interoperable Communications Program

Federal Amount:	$ 7,850,242
Non-Federal Match Amount:	$ 1,717,560
Total Project Cost:	**$ 9,567,802**

90%* Acquisition & Deployment	**1%** Training & Exercise	**9%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Population growth in California's Central Valley has resulted in an increasing number of cross-jurisdictional and cross-discipline public safety efforts. This trend has exposed a variety of communications coverage issues and limitations, including a restricted ability to exchange voice, data, and video communications across jurisdictions and disciplines. Thus, there is a pressing need to address these communications issues as this region faces a heightened risk of flooding. This Investment is a collaboration between the Sacramento UASI, Sacramento Regional Radio Communications System (SRRCS) Consortium, and seven of the ten non-UASI counties in the Capital-Bay Planning Area, which will use PSIC funding to establish direct communications (voice, data, and video) links among public safety entities in the CalSIEC Capital-Bay Planning Area. This Investment reflects the priorities of the State and region by improving communications in areas at risk for natural disasters, by funding Investments that can support the migration to a Project 25 system, and by establishing critical links for public safety agencies operating across jurisdictions within the Capital-Bay Planning Area.

San Diego Urban Area and Imperial County Interoperability Improvements

Federal Amount:	$ 9,532,101
Non-Federal Match Amount:	$ 1,875,000
Total Project Cost:	**$ 11,407,101**

93%* Acquisition & Deployment	**7%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Local first responders in the San Diego Urban Area (SDUA) operate on two shared 800 MHz radio systems – the Regional Communications System (RCS) and the City of San Diego Radio System (CITY). While there is extensive voice interoperability between users of these two systems, data communications systems are disparate and the shared-system technology used is proprietary, which limits interoperability and the open exchange of information. The SDUA has developed a number of sites to provide multi-band gateways between users of these shared systems and other government users who are not equipped to operate on one of these two networks. However, these gateways do not provide coverage in many of the rural areas of the two counties or for users from the greater Los Angeles area, where UHF is used extensively. This Investment provides funding for enhancements to the larger system, which will enable interoperable communications between users of the RCS and CITY and Federal, State, tribal and local users. The SDUA will implement open standard, IP-based solutions to enable voice and data communications between multiple agencies at all levels of government, across jurisdictions, and beyond the greater San Diego Urban Area. This Investment will link disparate systems, increase intergovernmental communication, reduce operational interoperability gaps for first responders, and provide training for end-users to improve awareness and knowledge of available communication solutions.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 2,821,035
Non-Federal Match Amount:	$ 564,207
Total Project Cost:	**$ 3,385,242**

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

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. California chose not to allocate its PSIC funds in this manner.

Colorado (CO)

PSIC Federal Award: $14,336,638

(Awarded September 30, 2007)

Summary

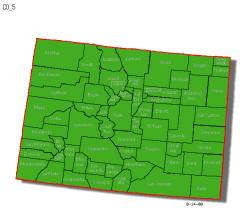
PSIC Investment Justification	Federal Funds
Colorado's Statewide Mobile Communications Suite and Radio Cache Strategic Technology Reserve (STR) for the 9 All Hazards Regions	$1,110,352
Digital Trunked Radio System (DTRS) Statewide Infrastructure Development/Back-up Power in Areas at High Risk for Natural Disasters	$816,000
DTRS Statewide Infrastructure Development/Enhancement	$3,980,890
Statewide System of Systems Non-DTRS Infrastructure/Equipment	$1,147,854
Colorado All-Hazards Region's End User Communication Devices	$5,046,485
Interoperability Planning, Training, and Exercises for Colorado Region's Designated at High-Risk for Natural Disasters	$405,800
DTRS End User Equipment for State Agency Personnel	$1,018,293
Technical Training, Planning, and Coordination	$230,865
Management and Administration (M&A)	$430,099
Statewide Planning	$150,000
Total PSIC Award	**$14,336,638**

Pass Through: The State of Colorado 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 organizations.

Strategic Technology Reserve (STR): Colorado allocated $1,110,352 to its STR Investment.

Investments

Colorado's Statewide Mobile Communications Suite and Radio Cache Strategic Technology Reserve (STR) for the 9 All Hazards Regions



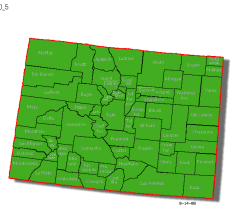
Federal Amount:	$ 1,110,352
Non-Federal Match Amount:	$ 277,588
Total Project Cost:	**$ 1,387,940**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Colorado currently has limited capabilities to re-establish interoperable communications during and after major incidents of disaster. This Investment will address that communications gap through the acquisition of two Mobile Interoperable Gateway (MIG) Systems and additional radio equipment. The gateways will be installed on mobile trailers that can be moved to the scene of an incident. Each communications trailer will contain a cache of equipment, including: radio antennae, gateways, and portable radios that have been pre-programmed to operate in every region. This Investment satisfies the PSIC Program requirement to develop and implement a STR that is pre-positioned, deployable, and able to re-establish communications when critical communications equipment is damaged or destroyed.

Digital Trunked Radio System (DTRS) Statewide Infrastructure Development/Back-up Power in Areas at High Risk for Natural Disasters



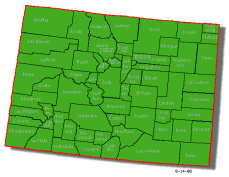
Federal Amount:	$ 816,000
Non-Federal Match Amount:	$ 204,000
Total Project Cost:	**$ 1,020,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Colorado's current Digital Trunked Radio System (DTRS), which serves as the State's seamless statewide wireless system, does not provide communications coverage for all regions. This Investment will situate a five-channel DTRS tower site at the east portal of the Eisenhower Tunnel in the Northwest Region on Interstate 70, and install localized signal amplifiers at key locations to expand and enhance coverage. The Investment will enable the State to provide back-up power to two of the DTRS zone controller's sites which will improve reliability and prevent total system failure in the event that power is lost at critical infrastructure equipment locations. Investing in the expansion of the statewide system and back-up power will improve interoperability among all system users throughout the State.

DTRS Statewide Infrastructure Development/Enhancement



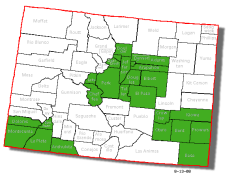
Federal Amount:	$ 3,980,890
Non-Federal Match Amount:	$ 3,099,140
Total Project Cost:	**$ 7,080,030**

99%* Acquisition & Deployment	**0%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The communication systems across the State were initially maintained at the local level, but through cooperative efforts, many public safety agencies are moving to the Statewide Digital Trunked Radio System (DTRS). Within Colorado, several areas of the State have DTRS coverage that is inadequate to meet local government requirements, and several local government agencies do not have dispatch capabilities on the system. This Investment will add dispatch center connectivity, add new towers to address multi-jurisdictional coverage gaps, enable interstate interoperability through gateways, and add repeaters to allow additional capacity. These projects ultimately impact the 700-plus agencies currently using the DTRS and provide direct benefits to these agencies in six of the nine all-hazards regions. Since the DTRS is connected to other systems via gateways, statewide interoperability will be improved.

Statewide System of Systems Non-DTRS Infrastructure/Equipment



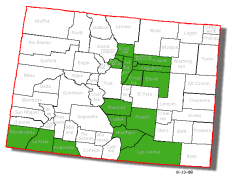
Federal Amount:	$ 1,147,854
Non-Federal Match Amount:	$ 286,964
Total Project Cost:	**$ 1,434,818**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, select agencies within Colorado use technologies that are non-DTRS or utilize systems that are at differing levels of migration to the statewide system. This Investment will provide for the procurement of fixed and mobile gateway devices to allow interoperable communications between disparate systems, while migration to the DTRS continues. This Investment also provides funding for a web-based tool that allows for real-time communication among Emergency Operations Centers (EOC) and provides direct links to the field during incidents. This Investment is expected to improve interoperability between disparate systems, to provide connections between and among systems migrating to the statewide DTRS, and to improve command and control during emergency incidents and major disasters.

Colorado All-Hazards Region's End User Communication Devices



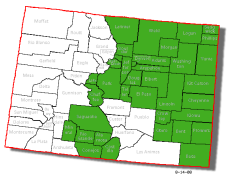
Federal Amount:	$ 5,046,485
Non-Federal Match Amount:	$ 2,212,350
Total Project Cost:	**$ 7,258,835**

99%* Acquisition & Deployment	**1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

As agencies migrate to newer technologies and the statewide Digital Trunked Radio System (DTRS), the State has experienced some loss of interoperability with some agencies. This Investment will resolve the interim problem through the purchase of additional radio equipment and mobile gateways to enhance individual agency capabilities, and improve interoperable communication throughout the State. Mobile extenders will improve signal strength and provide for coverage in areas of the South All-Hazards Region to improve DTRS signal strength. The Investment will not only advance spectrum efficiency goals through the migration of users onto the statewide digital system, but will also enable two tribal nations in the Southwest Colorado to migrate onto the statewide system. This Investment will also provide the North Central Region with the means to transmit and receive encrypted communications within the system used in the Denver Metro Area. This Investment will improve interoperability for agencies and tribal governments in Colorado's Southern All-Hazard Region, and enhance communication capabilities for public safety agencies in the North Central Region.

Interoperability Planning, Training, and Exercises for Colorado Region's Designated at High-Risk for Natural Disasters



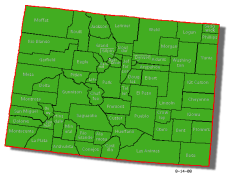
Federal Amount:	$ 405,800
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 405,800**

0%* Acquisition & Deployment	**47%** Training & Exercise	**53%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Colorado does not have an organized statewide training program for interoperable communications. This Investment will assist five of Colorado's nine All-Hazards Regions to engage in planning, training, and exercise programs. The planning component of this Investment will provide support to develop regional interoperable communications plans, assist in the acquisition and deployment of grant-funded equipment, develop training and exercise objectives and outcomes, and participate in the statewide planning processes. These efforts will address both existing and newly acquired equipment.

DTRS End User Equipment for State Agency Personnel



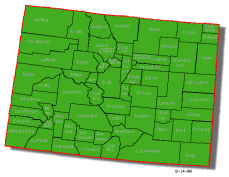
Federal Amount:	$ 1,018,293
Non-Federal Match Amount:	$ 254,573
Total Project Cost:	**$ 1,272,866**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

All Colorado State agencies have not fully migrated to its Digital Trunked Radio System (DTRS), which serves as the State's seamless statewide wireless system which has the potential to negatively impact command and control at the scene of a major disaster or large-scale incident. This Investment will be used to procure mobile and portable radios to enhance individual State agency capabilities, to access existing DTRS radio tower sites, and to communicate with responders during major events requiring multiple agency interoperability. This Investment will incorporate the needs of public safety personnel in many State agencies, including the Departments of Public Safety, Transportation, Natural Resources, Corrections, and Higher Education.

Technical Training, Planning, and Coordination



Federal Amount:	$ 230,865
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 230,865**

0%* Acquisition & Deployment	**43%** Training & Exercise	**57%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Digital Trunked Radio System (DTRS) is a complex system. A recent State audit found that the State staff lacks the necessary training to be fully proficient in the operation of the DTRS. This Investment will fund the development of a train-the-trainer program and provide training to key personnel who operate and maintain the State's DTRS. PSIC funds will also be used to hire a new Interoperability Communications Coordinator (ICC). The ICC will lead efforts to implement the Statewide Communications Interoperability Plan (SCIP) and collaborate with State and local agencies to standardize equipment for interoperability. This Investment will strengthen interoperability through planning, coordination and training.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 430,099
Non-Federal Match Amount:	$ 86,020
Total Project Cost:	**$ 516,119**

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	$ 150,000

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.

Commonwealth of Northern Mariana Islands (CNMI)

PSIC Federal Award: $719,236

Summary

PSIC Investment Justification	Federal Funds
Radio Communications Units Acquisition for Commonwealth of Northern Mariana Islands (CNMI) First Responders	$719,236
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$719,236**

Pass Through: The Commonwealth of Northern Mariana Islands (CNMI), as a U.S. Territory, does not have a pass-through requirement under the PSIC Grant Program.

Strategic Technology Reserve (STR): The Commonwealth of Northern Mariana Islands submitted a written request for a waiver of the STR requirement, which demonstrated that there was a higher priority Investment for the Territory. The STR waiver was granted and the Commonwealth was permitted to allocate funds to one Investment, which allowed the Territory to address its highest priority – replacing its existing communications system with a Project 25 (P25)-compliant system.

Investments

Radio Communications Units Acquisition for Commonwealth of Northern Mariana Islands First Responders

Federal Amount:	$ 719,236
Non-Federal Match Amount:	$ 103,847
Total Project Cost:	**$** 823,083

96%* Acquisition & Deployment	**0%** Training & Exercise	**4%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the Commonwealth of Northern Mariana Islands (CNMI) is using the SmartNet System, which is capable of supporting about 90 percent of all government agencies' mobile and portable radios. However, the infrastructure and equipment for this system is aging and obsolete and requires immediate replacement. The Territory will use PSIC funds to upgrade its system into a territory-wide P25-compliant system, purchase radio consoles at its Emergency Management Office and the Department of Public Safety, upgrade its main communications system at Mount Tapotchau, and provide subscriber units for first responders. This Investment will expand interoperability across the four island regions, including the Islands of Saipan, Rota, and Tinian, which currently operate on their own systems. This Investment addresses critical emergency communications needs across the Islands and reflects the highest interoperable communications priority of the Territory.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 0
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 0**

The Territory 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. The Northern Mariana Islands, however, chose not to allocate its PSIC funds in this manner.

Statewide Planning

Federal Amount	$ 0

The Territory 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. The Northern Mariana Islands, however, chose not to allocate its PSIC funds in this manner.

Connecticut (CT)

PSIC Federal Award: $12,999,879
(Awarded September 30, 2007)

Summary

Investments are pending approval.

Delaware (DE)

PSIC Federal Award: $8,196,842

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Disaster Recovery Communications Site On Wheels – Strategic Technology Reserve (STR)	$634,833
700 megahertz (MHz) Statewide Interoperable Communications System	$7,316,104
Management and Administration (M&A)	$245,905
Statewide Planning	-
Total PSIC Award	**$8,196,842**

Pass Through: The Delaware Emergency Management Agency (DEMA) entered into Memoranda of Understanding with the local counties. The agreements authorize DEMA to expend PSIC grant funding on behalf of the locals in accordance with program guidelines.

Strategic Technology Reserve (STR): Delaware allocated $634,833 to its STR Investment.

Investments

State-level Match Amount: $2,838,524

Disaster Recovery Communications Site On Wheels—Strategic Technology Reserve (STR)

Federal Amount:	$ 634,833
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 634,833**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This STR Investment will create deployable mobile platforms which will be available for immediate statewide deployment. The mobile trailers, complete with generators, are designed to reestablish communications within 2 hours in the event of a disruption. Currently, if Delaware's existing communications infrastructure is damaged, the State's trunking and conventional radio system would be unusable. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

700 Megahertz (MHz) Statewide Interoperable Communications System

Federal Amount:	$ 7,316,104
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 7,316,104**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State's current 800 megahertz (MHz) communications system does not have the capacity to add more public safety agencies or allow for the transfer of additional data. Moreover, additional 800 MHz frequencies are not available to expand the system. This Investment will implement a statewide 700 MHz communications system through the purchase of 700 MHz infrastructure equipment and mobile radios. The new system will be connected via a gateway to the State's existing 800 MHz communications system and the 700/800 MHz communications system in neighboring jurisdictions. The project supports the State's strategic goal of full 700 MHz implementation by 2013 using capital appropriations and other State and local funding.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 245,905
Non-Federal Match Amount:	$ 61,476
Total Project Cost:	**$ 307,381**

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

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. Delaware, however, chose not to allocate PSIC funds in this manner.

District of Columbia (DC)

PSIC Federal Award: $11,857,972

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
District of Columbia Interagency Communications Standard Operating Procedures (SOP)	$500,000
Data Exchange Hub (DEH) and National Capitol Region Fiber Optic Network Infrastructure (NCRnet)	$1,681,500
Hospital Microwave Interoperable Network (HMIN)	$952,000
Video Interoperability for Public Safety (VIPS)	$8,131,577
Management and Administration (M&A)	-
Statewide Planning	$592,895
Total PSIC Award	**$11,857,972**

Pass Through: The District of Columbia does not have a pass-through requirement under the PSIC Grant Program.

Strategic Technology Reserve (STR): The District of Columbia submitted a detailed STR waiver request, which demonstrated that the District had already invested $5,500,000 toward the development of an STR and maintains adequate interoperable communications equipment to re-establish communications in the event that there is a critical failure of the regular public safety radio systems.

Investments

District of Columbia Interagency Communications Standard Operating Procedures (SOP)

Federal Amount:	$ 500,000
Non-Federal Match Amount:	$ 75,000
Total Project Cost:	**$ 575,000**

66%* Acquisition & Deployment	**17%** Training & Exercise	**17%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The District has standard operating procedures (SOPs) that govern cross-jurisdictional, intra-discipline communications for the National Capital Region (NCR), including Washington, D.C. and the surrounding counties and independent cities in western Maryland and northern Virginia. However, the current plans are insufficient for specific events (e.g., Fourth of July, Presidential Inaugurations, World Bank events, motorcades.) This Investment will fund the development of four communications SOPs for these District-specific events that detail all multi-agency communications requirements and processes. These communication plans will address planned and unplanned events and serve as templates to enable planners to quickly put together procedures for managing an event. The funding will also be used to update the SOPs for use of the Radio Interoperability Zone (RIZ) that was recently programmed into all District radio fleet maps to support multi-agency radio communications.

Data Exchange Hub and National Capital Region Fiber Optic Network (NCRnet) Infrastructure

Federal Amount:	$ 1,681,500
Non-Federal Match Amount:	$ 349,321
Total Project Cost:	**$ 2,030,821**

86%* Acquisition & Deployment	**0%** Training & Exercise	**14%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Emergency responders in the NCR are unable to share data in a secure and reliable manner. This Investment will provide the applications and network infrastructure to allow secure, non-commercial access to critical regional communications systems and to facilitate real-time, inter-regional, and cross-Emergency Support Function (ESF) communications. This project will provide an enhanced data exchange environment, integrated emergency exchanges between District ESFs and other regional ESF partners, and fiber optic connections.

Hospital Microwave Interoperable Network (HMIN)

Federal Amount:	$ 952,000
Non-Federal Match Amount:	$ 166,600
Total Project Cost:	**$ 1,118,600**

74%* Acquisition & Deployment	**17%** Training & Exercise	**9%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

NCR hospitals and medical responders require access to the secure and reliable interoperable communications networks in the NCR and need a dedicated interoperable communications backbone to support their direct emergency voice and data communications. The Hospital Microwave Interoperable Network (HMIN) will provide microwave connectivity between NCR hospitals and NCR public safety agencies to ensure robust data interoperability. HMIN will integrate the hospital facilities into the NCR-owned public safety network (NCRnet), thus reducing reliance on commercial/public networks for critical emergency communications. The HMIN team is also working closely with the NCR Interoperability Council and its working groups to expand interoperability agreements, standard operating procedures, and training that covers agencies across the NCR.

Video Interoperability for Public Safety (VIPS)

Federal Amount:	$ 8,131,577
Non-Federal Match Amount:	$ 2,032,894
Total Project Cost:	**$ 10,164,471**

91%* Acquisition & Deployment	**3%** Training & Exercise	**6%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Within the District, 4,500 Closed Circuit Television (CCTV) cameras are currently being operated by six major public safety agencies and individual video control solutions have been developed to fit each agency's requirements, with different applications, manufacturers, and control centers. The Video Interoperability for Public Safety (VIPS) project will develop a common platform with central monitoring and storage capability to share video data. This platform will increase operational efficiency and reduce costs. The capability to monitor and share video data is critical to each agency's daily functions. Training District personnel on the technology will also ensure that District personnel have the skills to utilize and leverage the infrastructure, develop exchanges using the infrastructure tools, and maintain and operate communications on infrastructure.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$	0
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**0**

The District was allowed to retain up to three percent of the total PSIC award for costs associated with the administration of the District'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. The District, however, chose not to allocate PSIC funds in this manner.

Statewide Planning

Federal Amount	$ 592,895

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.

Florida (FL)

PSIC Federal Award: $42,888,266

(Awarded September 30, 2007)

Summary

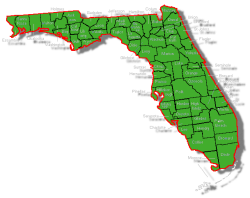
PSIC Investment Justification	Federal Funds
State of Florida, Statewide Law Enforcement Radio System (SLERS) Mobile Trunking System Upgrades and System Expansion - Strategic Technology Reserve (STR)	$827,200
Florida State Agencies Interoperable Communications Networks Enhancements	$5,800,453
Region 1: Okaloosa County Public Safety Responders Interoperable Initiative	$2,325,037
Region 2: North Florida Domestic Security Task Force (NFDSTF)	$3,850,000
Region 3: Framework to Enhance Interoperability Throughout RDSTF Region 3 and Establish Connectivity with Adjacent RDSTF Regions 2, 4, and 5	$4,906,915
Region 4: Tampa Bay Region, 700 Megahertz (MHz) Overlay and Project 25 (P25) Technology Migration for Multiregional Interoperability	$6,951,290
Region 5: Cross-Regional 700 MHz, P25 Multi-jurisdictional Shared Public Safety Mutual Aid Interoperable Communications Systems for State and Local Agencies	$4,166,812
Region 6: Southwest Florida Domestic Security Task Force Regional Interoperable Communications Improvement Project	$8,375,558
Region 7: South Florida Interoperable 700 and 800 MHz Radio Data and Voice Enhancements to Extend to Region 6	$3,735,000
Management and Administration (M&A)	$1,200,000
Statewide Planning	$750,000
Total PSIC Award	**$42,888,266**

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

Strategic Technology Reserve (STR): Florida submitted a written request for a partial waiver of the STR requirement. Florida has demonstrated that it has already implemented an STR solution. Florida was granted a partial waiver and will use a portion of its PSIC funding ($2,494,433) for other PSIC Investments.

Investments

State of Florida, Statewide Law Enforcement Radio System (SLERS) Mobile Trunking System Upgrades and System Expansion (Strategic Technology Reserve [STR])



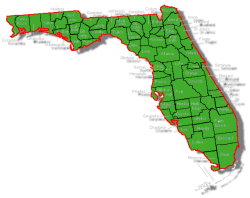
Federal Amount:	$ 827,200
Non-Federal Match Amount:	$ 165,440
Total Project Cost:	**$ 992,640**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

While Florida has a sizeable STR, recent hurricane seasons proved that there was a need for additional mobile trunked radio systems. There are only three mobile units available Statewide which are currently deployed from Orlando south to Miami. There are no systems in place that would enable a quick response in northern Florida. This Investment will upgrade the State's existing five- channel mobile trunked radio system to allow for connectivity to the State of Florida, Statewide Law Enforcement Radio System (SLERS), and provide upgrades which will enable 700/800 MHz and P25 operations. A second system will be purchased and built to the same specifications as the upgraded original unit (P25 700/800 MHz). The second unit will be stationed in the Tallahassee area to provide a rapid response capability for the northern Florida area and out of state response capabilities. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Florida State Agencies Interoperable Communications Networks Enhancements



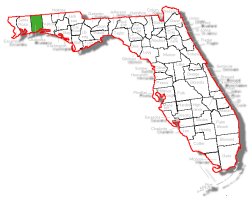
Federal Amount:	$ 5,800,453
Non-Federal Match Amount:	$ 1,160,090
Total Project Cost:	**$ 6,960,543**

98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

State agencies currently use disparate radio systems that utilize various technologies and frequencies, which impede communications interoperability among disciplines and across jurisdictions. This Investment will improve interoperable communications for select response entities by: (1) migrating the 800 MHz SLERS aircraft system to 700 MHz and Project 25 (P25) operations; (2) integrating the State's 21 trauma centers into the Florida Interoperability Network (FIN) – an Internet Protocol (IP)-based network capable of linking disparate communications systems; and, (3) upgrading the State's fire communications system, gaining additional channels and increased capacity through narrowbanding. Florida will use a portion of these funds to establish a web-based training platform for delivery of interoperable communications curriculum and associated public safety courses. These initiatives will allow for greater communications during incidents of disaster and emergencies.

Region 1: Okaloosa County Public Safety Responders Interoperable Initiative



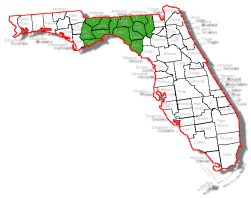
Federal Amount:	$ 2,325,037
Non-Federal Match Amount:	$ 513,010
Total Project Cost:	**$ 2,838,047**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Okaloosa County (Region 1) currently operates on VHF and UHF bands and interoperability is conducted with the use of gateways. Gaps in coverage exist in the northern part of the County which is primarily rural. This Investment will migrate Okaloosa County first responders to SLERS which will address gaps in coverage and allow for greater interoperability between public safety agencies in the county and outside the region. The Investment will enable the County to acquire equipment (e.g., control stations, combines, switches) necessary to access the SLERS system and will allow for the acquisition of subscriber equipment (primarily end-user radios). This Investment will add a limited number of users to the system each year and provide for the addition of frequencies to accommodate new users. As part of this Investment, the County will establish standard operating procedures for interoperability and system usage. By migrating to SLERS, the County will achieve greater interoperability, expanded coverage and increased capacity which will improve communications interoperability within the County and with public safety agencies across the State

Region 2: North Florida Domestic Security Task Force (NFDSTF)



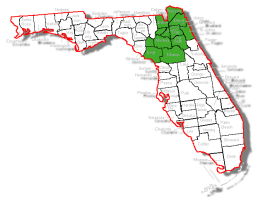
Federal Amount:	$ 3,850,000
Non-Federal Match Amount:	$ 1,630,536
Total Project Cost:	**$ 5,480,536**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The northern region of Florida (Region 2) does not currently have mobile coverage throughout the region. This Investment will deploy a radio system to support mutual aid operations throughout the region. The radio system will provide wide-area coverage and will incorporate both fixed solutions (e.g., infrastructure equipment on 12 tower sites) and transportable components (e.g., two communications trailers). The system will operate on 700 MHz channels, will provide for dispatch center connectivity, and will connect to the IP-based statewide network (FIN). This overlay system will provide mobile coverage for first responders throughout the region. Additionally, the Investment will purchase two communications trailers with related equipment, including antenna masts, repeaters, portable radios, generators, and satellite connectivity.

Region 3: Framework to Enhance Interoperability throughout RDSTF Region 3 and Establish Connectivity with Adjacent RDSTF Regions 2, 4, and 5



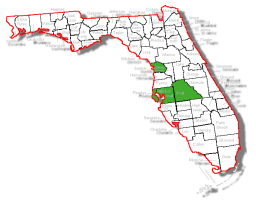
Federal Amount:	$ 4,906,915
Non-Federal Match Amount:	$ 1,096,691
Total Project Cost:	**$ 6,003,606**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Agencies in Regional Domestic Security Task Force (RDSTF) Region 3 (Jacksonville area) use disparate radio systems making interoperable communications difficult without dispatcher assistance. This Investment will build out P25-capable 700/800 MHz radio infrastructure on designated tower sites throughout the region to enable seamless communication and interoperability on a shared, standardized regional system. This Investment will involve the enhancement and use of existing system switches in the region, which would serve as the primary and redundant sites for the interoperability framework. The Investment funds will allow the region to move from using a cache of radios to achieve interoperability to operating on a shared, standardized regional system. Acquisition of P25, 700/800 MHz radio equipment will provide agencies with access to the regional framework and enhance interoperability across disciplines throughout the region.

Region 4: Tampa Bay Region, 700 MHz Overlay and P25 Technology Migration for Multi-regional Interoperability



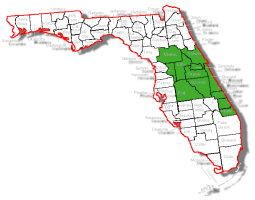
Federal Amount:	$ 6,951,290
Non-Federal Match Amount:	$ 2,115,823
Total Project Cost:	**$ 9,067,113**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Region 4 (Gulf Coast of Florida) currently utilizes multiple disparate radio systems, which impedes direct interoperability between agencies. The existing systems throughout Region 4 are at various stages of migration to P25 and 700/800 MHz technology. The Tampa Bay UASI and Region 4 of the Florida Domestic Security Task Force have developed a multi-year plan to migrate all public safety agencies to P25 standards-based technology and implement 700 MHz mutual aid channels throughout the Region, thereby facilitating communications on a common platform to achieve Statewide interoperability and enable mutual aid. This Investment includes the addition of an overlay of four, three-channel, 700 MHz sites to the existing Pinellas County System. It also includes the purchase and installation of a P25 GPS simulcast control point, timing synchronization equipment for Hillsborough County's system, replacement radios or upgrades for existing user radios to P25 and 700 MHz capable technology in Citrus County, and the purchase and installation of an eight-channel, P25 700/800 MHz overlay for the Polk and Hardee County System. This project provides significant advances in the implementation of P25 and 700 MHz technology for daily operations and multi-jurisdictional response throughout the Region and further enhances the interoperable capabilities of projects that are being implemented in the Tampa Bay UASI.

Region 5—Cross-Regional 700 MHz, P25 Multi-jurisdictional Shared Public Safety Mutual Aid Interoperable Communications Systems for State and Local Agencies



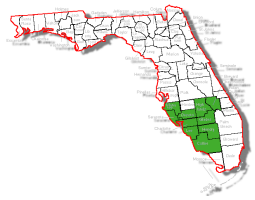
Federal Amount:	$ 4,166,813
Non-Federal Match Amount:	$ 2,429,703
Total Project Cost:	**$ 6,596,516**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Agencies in Region 5 (Central Florida) operate on a number of disparate radio systems, making interoperability difficult. This Investment will provide the equipment necessary for a 700 MHz interoperable radio system to support mutual aid for Region 5 and the regions that it interoperates with regularly. This Investment will be used to build an improved standards-based system with increased access and roaming capabilities. The project will connect the State and regional systems with a common P25 core switch to allow seamless roaming and operation without radio operator intervention. The Investment will provide for dispatch center connectivity for each agency participating in the region and connectivity into the IP-based FIN by leveraging existing gateway installations in each PSAP in the Regions. This Investment will provide statewide multi-jurisdictional shared communications systems, which will lead to increased coverage and superior interoperability within Regions 3, 4, and 5.

Region 6—Southwest Florida Domestic Security Task Force Regional Interoperable Communications Improvement Project



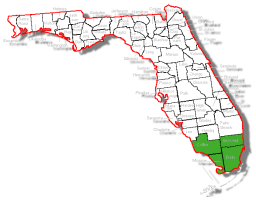
Federal Amount:	$ 8,375,558
Non-Federal Match Amount:	$ 1,730,938
Total Project Cost:	**$10,106,496**

95%* Acquisition & Deployment	**2%** Training & Exercise	**3%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Region 6 (Southwest Florida) possesses legacy communication systems that are incapable of upgrades, and the connection between the conventional and trunked systems relies on gateway solutions using mutual aid channels. This Investment will address these communications gaps by migrating the Seminole Indian Tribe and Okeechobee County onto the SLERS, a Statewide shared system. The State will enhance coverage in those areas with additional tower sites. The Seminole Tribe will also implement a tribal IP-based dispatch system capable of bridging the Tribe's existing VHF/UHF radio systems to the SLERS system and the radio systems of other first responders. The second element of the Investment is to provide for the purchase of a P25-capable deployable communications unit, allowing the region's State and local public safety agencies to restore critical communications in the event of infrastructure failure and to provide enhanced interoperable voice and data communications for Incident Command.

Region 7—South Florida Interoperable 700 and 800 MHz Radio Data and Voice Enhancements to Extend to Region 6



Federal Amount:	$ 3,735,000
Non-Federal Match Amount:	$ 747,000
Total Project Cost:	**$ 4,482,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Public safety agencies in Region 7 (Southern Florida) and neighboring Region 6 (Southwest Florida) currently operate on a number of disparate radio systems, which impedes interoperability between public safety agencies. This Investment will fund equipment and advanced technologies that can link legacy systems that are P25 capable and interconnect these systems to other P25-compliant systems, allowing for wider coverage, greater integration, and enhanced coordination and interoperability. This will be achieved through the acquisition and deployment of an IP-based, P25 network switch. This upgrade will allow for improved coverage and increased capacity of mutual aid talkgroups in the region. Public safety agencies within southern Florida, including the Miami Dade UASI, will benefit from this Investment.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 1,200,000
Non-Federal Match Amount:	$ 240,000
Total Project Cost:	**$ 1,440,000**

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	$750,000

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.

Georgia (GA)

PSIC Federal Award: $25,311,354

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Establishment of State Strategic Technology Reserve (STR) for Mutual Aid Communications	$1,960,327
Build-out of Georgia Interoperability Network	$1,195,482
Enhancement of Regional Radio System	$19,607,187
Delivery of Training and Exercises	$523,450
Statewide Interoperable Communications Planning	$1,265,568
Management and Administration (M&A)	$759,340
Statewide Planning	-
Total PSIC Award	**$25,311,354**

Pass Through: The State of Georgia fulfilled the PSIC Grant Program's pass-through 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): Georgia allocated $1,960,327 to its STR Investment.

Investments

Establishment of State Strategic Technology Reserve (STR) for Mutual Aid Communications

Federal Amount:	$ 1,960,327
Non-Federal Match Amount:	$ 490,082
Total Project Cost:	**$ 2,450,409**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Georgia is affected by natural disasters that could damage or destroy local public safety communication systems or exceed their capacity for communication. This Investment creates a Strategic Technology Reserve (STR) to provide backup equipment to restore communications systems or keep them functional during disaster responses. Specifically, the State will purchase equipment to upgrade mobile communications vehicles, a cache of 800 megahertz (MHz) radios, and a cache of satellite phones for first responders coming into the area to assist during an incident response. The STR equipment will be prepositioned at strategic locations to allow for rapid deployment to areas where disasters are more likely to occur. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications with critical communications equipment is damaged or destroyed.

Build-out of Georgia Interoperability Network

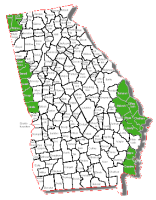
Federal Amount:	$ 1,195,482
Non-Federal Match Amount:	$ 298,871
Total Project Cost:	**$ 1,494,353**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, many of George's 159 counties operate on disparate radio systems. Moreover, a number of counties lack the funds to upgrade their individual systems. In response, the State has developed the Georgia Interoperability Network (GIN), a state-of-the-art Radio over Internet Protocol (RoIP) technology that connects disparate radio systems across the State through gateway devices. This Investment will add 12 new public safety answering points, a major step in completing the GIN build out. With the completion of the 12 additional sites, the 121 counties and 21 State agency sites will enjoy enhanced statewide interoperable communication.

Enhancement of Regional Radio System



Federal Amount:	$ 19,607,187
Non-Federal Match Amount:	$ 4,901,797
Total Project Cost:	**$ 24,508,984**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

In Georgia, region-wide public safety communication is limited and there is a need to expand the regional public safety networks. This Investment is broken down into four sub-projects that will expand several public safety networks including: 1) the build-out of a 700/800 MHz regional voice network in six coastal counties and an upgrade of the adjacent evacuee-host county to link with the coastal system; 2) expansion of a 800 MHz system in west-central Georgia's most populous multicounty area; 3) expansion of a 700/800 MHz system linking three northwest counties with Chattanooga, Tennessee; 4) an upgrade of the 800 MHz system for the Western Area Regional System. With these projects, the State will enhance regional voice communications, improve disaster response communications, and improve interstate coordination in the northwest region.

Delivery of Training and Exercises

Federal Amount:	$ 523,450
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 523,450**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the State has not allocated training funds for regional interoperable communications. This Investment will provide the necessary funding to allow the State to carry out an extensive training and exercise program for local public safety agencies. Training and exercise initiatives will focus on implementation of PSIC Investments and proper usage of available interoperable communications equipment. This will enable end users to better understand how to use the regional radio networks and other interoperable resources available throughout the State.

Statewide Interoperable Communications Planning

Federal Amount:	$ 1,265,568
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,265,568**

0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Due to numerous governing bodies and disparate radio systems, it has been difficult for Georgia to develop a common plan for statewide interoperability. With this Investment, the State will contract with the Georgia Tech Research Institute to initiate a comprehensive effort to plan for the coordination of interoperable communications. This planning effort will ensure that the investments made in interoperable communications will most effectively address the challenges posed by natural disasters and acts of terrorism. The project will fund the completion of standard operating procedures, training requirements and curricula, exercise after-action reports, and documentation of interoperability investments.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 759,340
Non-Federal Match Amount:	$ 189,835
Total Project Cost:	**$ 949,175**

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

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. Georgia, however, chose not to allocate PSIC funds in this manner.

Guam (GU)

PSIC Federal Award: $ 2,600,678

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Emergency Communications to support Island wide Response to Natural or Man-Made incidents—Strategic Technology Reserve (STR)	$1,070,600
Satellite Communications System to Support Guam's Response to Natural or Man-made Incidents—STR	$921,450
Emergency Project 25 (P25) Radio Cache to Support Island wide response to Natural or Man-made Disasters	$254,628
Replacement of Subscriber Units That Are No Longer Supported by Vendor	$329,000
Law Enforcement, Fire, and EMS Dispatcher Training	$25,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$2,600,678**

Pass-through Requirement: Guam, being a U.S. Territory, does not have a pass-through requirement under the PSIC Grant Program.

Strategic Technology Reserve (STR): Guam allocated $1,992,050 to its STR Investments.

Investments

Emergency Communications to Support Island-wide Response to Natural or Man-Made Incidents —Strategic Technology Reserve (STR)

Federal Amount:	$ 1,070,600
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,070,600**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Guam's current communications equipment includes audio patching capabilities, a 10-line phone system, and cellular telephone interface. However, the Territory lacks a mobile communications vehicle, mobile dispatcher capability, and alternate dispatch, which severely limits its mobile incident and tactical dispatching capabilities. The STR Investment will provide funds for the acquisition of a communications trailer equipped with VHF, UHF, and 800 MHz radios. The equipment will be P25-compliant and provide Guam's public safety agencies with an Internet Protocol (IP) based audio bridge. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications with critical communications equipment is damaged or destroyed.

Satellite Communications System to Support Guam's Response to Natural or Man-made Incidents – STR

Federal Amount:	$ 921,450
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 921,450**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Guam has a single point of failure issue in its public safety infrastructure. If the local phone company switch fails, communication across the island becomes impossible. This Investment will provide public safety agencies with continuity of operations in the event that critical communications infrastructure is damaged. This Investment will acquire a portable satellite IP-based communications infrastructure and Very Small Aperture Terminal (VSAT) satellite equipment. This satellite system will support 100 users with digital data, IP phones, analog public switch telephone network phones, and wireless LAN (local area network) for phones and computers. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Emergency Project 25 (P25) Radio Cache to Support Island-wide response to Natural or Man-made Disasters

Federal Amount:	$ 254,628
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 254,628**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Located in the Western Pacific Ocean, Guam is at high risk for natural disasters, including typhoons and earthquakes. There is a large group of response agencies (e.g., Department of Public Health & Social Services, Department of Public Works, Guam Memorial Hospital, U.S. Coast Guard, National Guard, Federal Bureau of Investigation, Federal Emergency Management Agency, and the Red Cross) that do not operate on the Public Safety Communication System (PSCS) on a daily basis. During a disaster, the responders need to be able to communicate on the system. This Investment will provide a cache of one hundred 800 MHz P25-compliant radios. This Investment will ensure that all agencies with disaster responsibilities can communicate and interoperate during the disaster.

Replacement of Subscriber Units That Are No Longer Supported by Vendor

Federal Amount:	$ 329,000
Non-Federal Match Amount:	$ 900,000
Total Project Cost:	**$1,229,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Guam currently operates on obsolete equipment that is no longer supported by the manufacturer. The Investment will replace outdated base station units, supporting antenna systems, and portable radios with P25-compliant equipment. The new equipment will operate on the existing 800 MHz analog system and on the future 800 MHz, P25-capable infrastructure. The number of radio units to be purchased will be based on the results of the ongoing equipment inventory being conducted by the Interoperability Communication Coordinator (ICC) of the Public Safety Communication System.

Law Enforcement, Fire, and EMS Dispatcher Training

Federal Amount:	$ 25,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 25,000**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

All system patching that provides interoperability between agencies must be initiated by the Guam Police Department (GPD) or the Guam Fire Department (GFD). It is essential that these dispatchers are trained with the skills to handle the Territory's dispatching needs. However, Guam is isolated geographically and it is difficult to get all the fire and police dispatchers the proper training. This Investment will provide dispatch training through a "train-the-trainer" program where four people will be sent off-island for training and will return to train remaining dispatchers. In addition, the Investment will promote Communications Unit Leader (COML) training and Incident Command System (ICS) training opportunities for some of the communications personnel.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 0
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 0**

The Territory was allowed to retain up to three percent of the total PSIC award for costs associated with the administration of the Territory'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. Guam, however, chose not to allocate PSIC funds in this manner.

Statewide Planning

Federal Amount	$ 0

The Territory 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. Guam, however, chose not to allocate PSIC funds in this manner.

Hawaii (HI)

PSIC Federal Award: $8,069,879

(Awarded September 30, 2007)

Summary

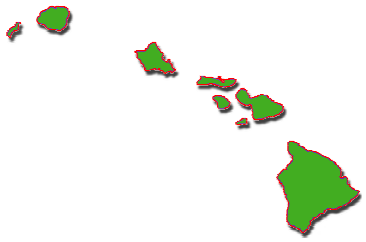
PSIC Investment Justification	Federal Funds
Transportable Repeater Interoperability Packages — Strategic Technology Reserve (STR)	$1,500,000
Satellite Phones — STR	$194,879
Hawaii Island Region Interoperable Channel, Radio over Internet Protocol (RoIP) Interface and Data Channel	$1,275,000
Honolulu Urban Area Multi-jurisdictional/Multi-discipline Interoperability Project for Preparation for Terrorist or Natural Disaster	$1,275,000
County of Kauai — RoIP, Field Data and Voice Capabilities	$1,275,000
Statewide Shared Blended (SSB) System — Phase I for County of Maui and the State of Hawaii	$2,550,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$8,069,879**

Pass Through: The State of Hawaii 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 agencies.

Strategic Technology Reserve (STR): Hawaii allocated $1,694,879 to its STR through two PSIC Investments.

Investments

Transportable Repeater Interoperability Packages—Strategic Technology Reserve (STR)



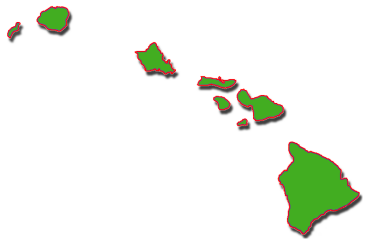
Federal Amount:	$ 1,500,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,500,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Hawaii's ability to re-establish tactical voice communications and support its counties' existing radio systems following catastrophic events is limited. This Investment addresses this communications gap by funding the purchase of at least 10 transportable repeater packages that will be equipped with ultra high frequency (UHF), very high frequency (VHF), and 800 megahertz (MHz) repeaters, programmed with national and regional mutual aid channels. The packages will also include two dual-port Internet Protocol (IP) remote adapter panels to allow these resources to be easily managed by a laptop computer. A minimum of two repeater packages will be deployed to each county and two to the State of Hawaii. This Investment will provide each jurisdiction access to limited radio communications until the primary radio system is repaired. 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.

Satellite Phones—STR



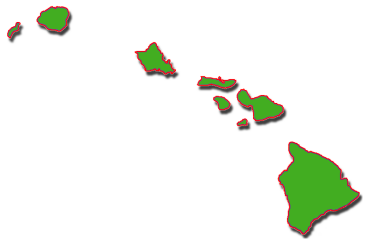
Federal Amount:	$ 194,879
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 194,879**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Hawaii's Federal, State, local, private sector, and nonprofit partners' ability to re-establish communications following a catastrophic event is limited, which compromises the State's ability to coordinate emergency response efforts. This Investment addresses this communications gap by funding a cache of satellite phones. The satellite phones will expand voice communications statewide and provide radio coverage when other methods of communications are damaged or destroyed during a disaster. 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 systems are damaged or destroyed.

Hawaii Island Region Interoperable Channel, Radio over Internet Protocol (RoIP) Interface and Data Channel



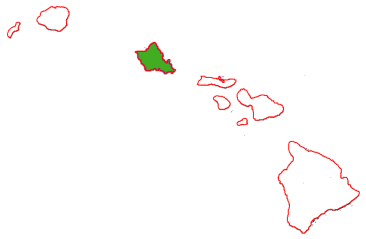
Federal Amount:	$ 1,275,000
Non-Federal Match Amount:	$ 330,000
Total Project Cost:	**$ 1,605,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Hawaii does not currently have a regional radio frequency (RF) channel for interoperability. The State's ability to send and receive data, by radio, is limited. This Investment addresses this communications gap by establishing a dedicated interoperable RF mutual aid command channel with region-wide coverage. This Investment will utilize Radio over Internet Protocol (RoIP) to allow regional access to the primary communications system and nodes to the Digital Signal 3 (DS3) to allow region-wide data access. The new communications infrastructure will provide radio and data "plug and play" capability; in addition, voice and data will be "patched" into and out of the system via IP. Consequently, this Investment will enhance interoperability by providing improved data capabilities and a regional mutual aid channel for first responders.

Honolulu Urban Area Multi-jurisdictional/Multi-discipline Interoperability Project for Preparation for Terrorist Attacks or Natural Disasters



Federal Amount:	$ 1,275,000
Non-Federal Match Amount:	$ 330,000
Total Project Cost:	**$ 1,605,000**

97%* Acquisition & Deployment	**3%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Oahu's first responders have limited interoperable capabilities with the State of Hawaii's 700 MHz radio users, nongovernmental organizations (NGO), and secondary response agencies. This Investment will address this gap by funding a radio cache, which will include approximately 1,500 700/800 MHz radios that will be capable of communicating on the Island's shared radio system and the State of Hawaii's existing 700 MHz radio system. Radios will be installed into first responder units and provided directly to authorized NGOs. With the new radios, the island of Oahu will be better able to communicate directly with regional and State first responders, State of Hawaii governmental agencies, and secondary response agencies.

County of Kauai—RoIP, Field Data and Voice Capabilities

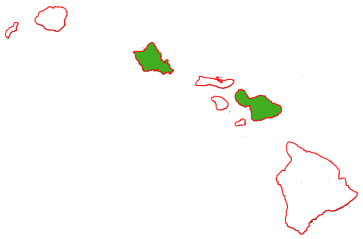
Federal Amount:	$ 1,275,000
Non-Federal Match Amount:	$ 330,000
Total Project Cost:	**$ 1,605,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Federal and State public safety agencies and NGOs are allowed access to the Kauai County 800 MHz trunked radio system. The increase in users has strained the system's capacity, resulting in potential system overload, radio coverage dead spots, and repeater failure. This Investment is a two-phase project (1) to design, plan, and coordinate the purchase of equipment to migrate to RoIP technology and (2) to purchase mobile field tactical equipment to provide satellite, wireless local area network systems, voice over internet protocol (VoIP) subsystems, and Project 25 (P25)-compliant land mobile radios. In addition, portable field-deployable repeaters will help to reduce the load on the existing radio system and enable communications in areas with dead-spots, including restoring capacity in the event an existing repeater fails.

Statewide Shared Blended (SSB) System— Phase I for County of Maui and the State of Hawaii



Federal Amount:	$ 2,550,000
Non-Federal Match Amount:	$ 2,010,000
Total Project Cost:	**$ 4,560,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, State and county public safety agencies operate on incompatible voice radio systems, making interoperable communications difficult. This Investment will be the first phase in the development of the Statewide Shared Blended (SSB) system and will be based on shared-use, blended land mobile radios (LMR) with dual bands and Internet Protocol (IP) access. Phase I of the project will cover Maui and portions of Oahu. Single channel conventional 800 MHz repeaters will be installed at Maui sites using State channels. The system will eliminate the current need for users to carry multiple radios in order to communicate. First responders will be able to access existing county systems or the new P25 blended system of 700 MHz trunked and 800 MHz conventional repeaters. In the future, other agencies and regional systems will be able to migrate to this system or be linked to it via robust IP interconnections.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$	0
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**0**

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. Hawaii, however, chose not to allocate its PSIC funds in this manner.

Statewide Planning

Federal Amount	$	0

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. Hawaii, however, chose not to allocate its PSIC funds in this manner.

Idaho (ID)

PSIC Federal Award: $7,289,795

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
State of Idaho Strategic Technology Reserve (STR)	$564,584
Gold Mountain Communications Site Project	$512,000
State of Idaho – Multisite 700 Megahertz (MHz) Installation	$1,250,709
Increase Capacity of Ada County's Master Switch	$200,000
Canyon County Interoperable Communications System	$958,715
Caribou County 700 MHz Trunk Site—Rabbit Hill	$187,500
Monida Pass/Ashton Hill Repeaters 700 MHz Trunk Linked to State System	$517,373
Boundary County—Dawson Ridge	$26,804
Blaine County Level 5 Interoperability Project—700 MHz Migration	$1,044,000
Kootenai County—North Idaho 700 MHz Project	$2,028,110
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$7,289,795**

Pass Through: The State of Idaho fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal governments or authorized non-governmental public safety agencies.

Strategic Technology Reserve (STR): Idaho allocated $564,584 to its STR Investment.

Investments

State-level Match Amount: $51,286

State of Idaho Strategic Technology Reserve (STR)

Federal Amount:	$ 564,584
Non-Federal Match Amount:	$ 141,146
Total Project Cost:	**$ 705,730**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The public safety agencies within the State of Idaho operate on a variety of communications systems (VHF, UHF, 700 MHz, and 800 MHz) and no one agency has the ability or equipment necessary to be able to re-establish radio communications in the event of system failure. This Investment will provide for the acquisition of Project 25 (P25) interoperable and portable communications systems available for rapid deployment and capable of re-establishing communications for public safety agencies and emergency first responders operating within the State of Idaho. The acquisition of these portable P25 capable radio systems will enable the Idaho Bureau of Homeland Security to rapidly respond to situations, events, and disasters, and enable front line communications with first responders across the State. This Investment satisfies the PSIC 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.

Gold Mountain Communications Site Project

Federal Amount:	$ 512,000
Non-Federal Match Amount:	$ 128,000
Total Project Cost:	**$ 640,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

First responders and public safety agencies within Bonner County operate on disparate systems, which hinders emergency communications and interoperability between agencies. This Investment will enable the County to install a 700 MHz digital radio repeater site on Gold Mountain to expand coverage. The Gold Mountain Communication Site will integrate with the statewide microwave system, provide the infrastructure for voice and data communications, and move toward greater statewide interoperability. Overall, this Investment will provide voice and data communication capabilities, enhance Incident Command capabilities, and enable interoperability for first responders across the region.

State of Idaho – Multi-site 700 Megahertz (MHz) Installation

Federal Amount:	$ 1,250,709
Non-Federal Match Amount:	$ 266,391
Total Project Cost:	**$ 1,517,100**

82%* Acquisition & Deployment	**0%** Training & Exercise	**18%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Idaho's statewide radio system has limited coverage in several regions. This Investment proposes that Idaho purchase three 700 MHz, eight-channel trunked systems and three 700 MHz, six-channel trunked systems to be deployed at strategic locations throughout the State. These systems will provide a seamless, wide-area communications infrastructure, which will allow first responders direct communications with one another. When these sites are operational, there will be 700 MHz mobile coverage across eastern and southern Idaho and 700 MHz regional coverage from Boise to Pocatello and Idaho Falls.

Increase Capacity of Ada County's Master Switch

Federal Amount:	$ 200,000
Non-Federal Match Amount:	$ 50,000
Total Project Cost:	**$ 250,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Ada County hosts a master site that serves as a core network center and provides users with interoperability and wide-area radio communication. Currently, the core router provides 24 ports for T1 connections, of which 17 of its 24 ports are in use. The core router is close to maximum capacity, which will prevent future users from accessing the master site. This Investment will fund the purchase of additional core router, which will increase the number of available ports from 24 to 48. This doubling of capacity will increase the number of users who can access the master switch and the shared statewide system. This Investment will increase the number of users to the system (law enforcement, fire, EMS, and State agencies) and enable interoperability for agencies operating in the region.

Canyon County Interoperable Communications System

Federal Amount:	$ 958,715
Non-Federal Match Amount:	$ 239,679
Total Project Cost:	**$ 1,198,394**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

First responders in Canyon County have an immediate need to effectively communicate with each other in emergencies and in day-to-day situations. Currently responders use analog VHF and UHF and 700 MHz systems. This Investment will finish the build-out of Canyon County's 700 MHz infrastructure by constructing three new tower sites. The Investment will also fund the purchase of portable and mobile 700 MHz radios for responders. Overall, this Investment will provide interoperable communication among all first responders within the county, with surrounding counties that have migrated to 700 MHz systems, and with State response agencies.

Caribou County 700 MHz Trunk Site - Rabbit Hill

Federal Amount:	$ 187,500
Non-Federal Match Amount:	$ 46,875
Total Project Cost:	**$ 234,375**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Eastern Caribou County experiences coverage gaps and lacks connectivity with the statewide system. This Investment will fund the installation of a 700 MHz trunked site at Rabbit Hill. Installation of the system at this site will significantly improve communication among various State and local entities, including the Idaho State Police and the Idaho Transportation Department. Completion of this project will link Idaho's western border with its eastern border and all jurisdictions in-between. The system will support and facilitate mutual aid responses and interoperable communication between mutual aid partners, counties, and states.

Monida Pass/Ashton Hill Repeaters 700 MHz Trunk Linked to State System

Federal Amount:	$ 517,373
Non-Federal Match Amount:	$ 129,344
Total Project Cost:	**$ 646,717**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

All Clark and Fremont County first response lack coverage, capacity, and access to the statewide network, which hinders interoperable communication. This Investment will provide funding to install digital trunked networked repeaters, which will enable counties to join the statewide 700 MHz system. By providing a functioning network and backbone system, agencies will be able to purchase 700 MHz radios, join the statewide system, and promote trunked interoperability to effectively communicate within the counties and with neighboring jurisdictions.

Boundary County—Dawson Ridge

Federal Amount:	$ 26,804
Non-Federal Match Amount:	$ 6,701
Total Project Cost:	**$ 33,505**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Boundary County has coverage gaps and is experiencing difficulty increasing coverage in its service area. This Investment proposes funding the purchase of a dual-band VHF/UHF repeater at the Dawson Ridge site in Boundary County. The installation of this additional repeater will expand coverage for public safety agencies utilizing radios operating in the VHF/UHF band including radios used by the Idaho State Police, the Canadian Mounties, and neighboring States of Montana and Washington.

Blaine County Level 5 Interoperability Project—700 MHz Migration

Federal Amount:	$ 1,044,000
Non-Federal Match Amount:	$ 256,000
Total Project Cost:	**$ 1,300,000**

98%* Acquisition & Deployment	**0%** Training & Exercise	**2%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

There is no interoperable communication capability between various emergency response disciplines in Blaine County or ability for technical expansion with the existing equipment. This Investment will provide funding to install a P25-compliant, shared 700 MHz backbone system and two six-channel 700 MHz repeaters. By using the 700 MHz spectrum in a trunked system, Blaine County agencies will be able to communicate in a more effective and efficient manner during day-to-day operations and in widespread emergencies.

Kootenai County—North Idaho 700 MHz Project

Federal Amount:	$ 2,028,110
Non-Federal Match Amount:	$ 507,028
Total Project Cost:	**$ 2,535,138**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Kootenai County possesses aging communication systems that utilize disparate frequencies, which hinders interoperability. This Investment proposes installing a 700 MHz digital smart zone trunking system to be used by all public safety agencies. The Investment will provide a single system for agencies in the County by migrating 32 independent VHF/UHF transmitters to one system. Overall, the Investment will enable interoperability between all disciplines within the operational area.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 0
Non-Federal Match Amount:	$ 51,286
Total Project Cost:	**$ 51,286**

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- or part-time staff or contractors for grant management services related to reporting, monitoring, audit compliance, and associated travel and meeting expenses. Idaho did not allocate any of its Federal PSIC grant funding for M&A costs, but did allocate State funding to M&A costs as part of its matching requirement.

Statewide Planning

Federal Amount	$ 0

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. Idaho, however, chose not to allocate PSIC funds in this manner.

Illinois (IL)

PSIC Federal Award: $36,414,263

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Enhancement of State of Illinois Transportable Emergency Communications System (ITECS) and Unified Command Systems to Support Illinois' Strategic Technology Reserve	$500,000
Procurement of STARCOM21 Equipment to Support 700/800 Megahertz (MHz) Interoperability Platform for State Public Safety Agencies	$1,150,000
Expansion of 700/800 MHz Interoperability Platform to Serve High-Risk Local Areas	$34,054,263
Management and Administration (M&A)	$700,000
Statewide Planning	$10,000
Total PSIC Award	**$36,414,263**

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

Strategic Technology Reserve (STR): Illinois submitted a detailed written request for a partial waiver for satisfying the STR requirement. The State demonstrated that it has invested approximately $6,600,000 toward developing an STR and maintains the necessary mobile communications equipment (e.g., communications vehicles, portable radios, repeaters, base stations, towers, batteries, and generators) needed to re-establish communications if existing critical communications infrastructure is damaged or destroyed. The State will spend $500,000, of the originally apportioned STR funds ($2,820,231), to purchase additional repeaters, base stations, and portable radios (see STR Investment).

Investments

Enhancement of State of Illinois Transportable Emergency Communications System (ITECS) and Unified Command Systems to Support Illinois' Strategic Technology Reserve (STR)

Federal Amount:	$ 500,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 500,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of Illinois has made a significant investment in strategically deployed mobile communications suites. Additional radio equipment is needed to increase surge capacity of STARCOM21 and interface with legacy VHF, UHF and 800 MHz systems. This Investment will enhance the existing Illinois Transportable Emergency Communications System (ITECS) and unified command vehicles through the procurement of additional repeaters, base stations, and portable radios, providing a more robust solution necessary to re-establish communications in the event of a disaster. This Investment satisfies the PSIC 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.

Procurement of STARCOM21 Equipment to Support 700/800 Megahertz (MHz) Interoperability Platform for State Public Safety Agencies

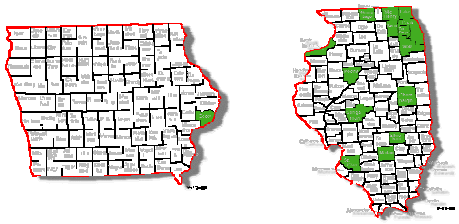
Federal Amount:	$ 1,150,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,150,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Illinois has developed a Project 25 (P25) Internet Protocol (IP)-based 700/800 MHz trunked system to provide statewide interoperability (STARCOM21); however, the State does not currently have a universal means of linking VHF, UHF, and 800 MHz interoperable legacy systems to the statewide platform. This Investment will support eight public safety agencies with key response and recovery roles in the acquisition and deployment of interoperable communications equipment (i.e., gateways and P25-compliant radios) to achieve interoperability between key State response agencies using STARCOM21, the statewide system.

Expansion of 700/800 MHz Interoperability Platform to Serve High-Risk Local Areas



Federal Amount:	$ 34,054,263
Non-Federal Match Amount:	$ 8,868,795
Total Project Cost:	**$ 42,923,058**

97%* Acquisition & Deployment	**0%** Training & Exercise	**3%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Illinois does not currently have a universal means of linking VHF, UHF, and 800 MHz interoperable legacy systems to the statewide platform, STARCOM21. In order to provide for additional capacity and interoperability through STARCOM21, this Investment supports twelve regional projects in areas that are at high risk for disasters or threats of terrorism. In these twelve regions, funds will be used to allow the legacy networks to operate on the Illinois statewide 700/800 MHz platform. Collectively, the selected local projects will provide statewide interoperability to over 100 public safety agencies, representing more than 11 million of the State's population. This Investment includes the Chicago Super Urban Area Security Initiative (SUASI) and Scott County, Iowa (part of the Illinois/Iowa Quad Cities region).

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 700,000
Non-Federal Match Amount:	$ 175,000
Total Project Cost:	**$ 875,000**

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	$ 10,000

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.

Indiana (IN)

PSIC Federal Award: $18,291,735

(Awarded September 30, 2007)

Summary

Investments are pending approval.

Iowa (IA)

PSIC Federal Award: $10,935,974
(Awarded September 30, 2007)

Summary

Investments are pending approval.

Kansas (KS)

PSIC Federal Award: $10,667,169

Summary

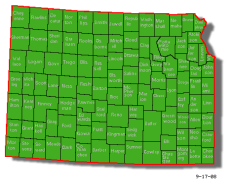
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR): Upgrade of Statewide Mobile Response Emergency Communications Units and Regional Response Teams	$826,157
Statewide Interoperability Planning	$533,358
Statewide Interoperability Systems Enhancements and User Equipment	$8,963,654
Interzone Connection Between Project 25 (P25) Trunked Radio Systems	$344,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$10,667,169**

Pass Through: The State of Kansas entered into Memoranda of Understanding with the Homeland Security Regions. The agreements authorize the State to expend PSIC grant funding on behalf of the local entities in accordance with PSIC Program guidelines.

Strategic Technology Reserve (STR): Kansas allocated $826,157 to its STR Investment.

Investments

Strategic Technology Reserve (STR): Upgrade of Statewide Mobile Response Emergency Communications Units and Regional Response Teams



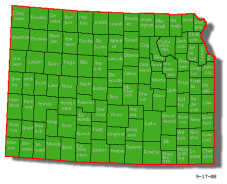
Federal Amount:	$ 826,157
Non-Federal Match Amount:	$ 206,539
Total Project Cost:	**$ 1,032,696**

98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Kansas has identified a number of gaps regarding its strategic technology reserve (STR). The State maintains a statewide 800 megahertz (MHz) system and has in place an Emergency Response Team that maintains two mobile communications trailers, which are pre-positioned and available for use in the event of disaster. The communication trailers utilize conventional analog 800 MHz and are able to restore communications for mutual aid capacity only. Furthermore, the mobile communications trailers are not Project 25 (P25)-compliant; there is no backup digital trunked radio system (DTRS) tower; and Incident Management Teams (IMTs) positioned across the State to assist in the response lack sufficient interoperable subscriber units. As a result, the mobile communications trailers are unable to fully restore communications for all users or provide the level of emergency communications needed for wide-scale events. This Investment will address these gaps by adding digital trunking capability to both mobile communications trailers, and a P25 system that can support additional users. The State will also acquire 40 P25-compliant subscriber units for each trailer and will pre-position 60 P25-compliant subscriber units with IMT members to be deployed during a disaster or emergency situation. Lastly, the State will use its PSIC funding to provide training on STR resources and exercises on STR assets. This Investment satisfies the PSIC 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.

Statewide Interoperability Planning



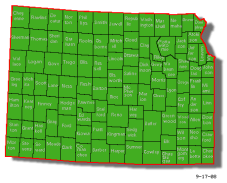
Federal Amount:	$	533,358
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**533,358**

0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Historically, Kansas has had limited statewide interoperability planning efforts, which has led to a limited establishment and implementation of governance structure; no established central information point for information sharing and resource dissemination; and a lack of standard operating procedures on multiple interoperable communications related topics. This Investment will enable the State to establish regional/metro Advisory Committees that are multi-disciplinary and multi-jurisdictional, which is expected to result in greater coordination and information sharing. The Investment will also enable the State to complete additional assessments to identify and address information gaps, identify standard operating procedures (SOP) and formal agreements in place, and develop SOP and Memorandum of Understanding (MOU) templates for future use. Additional efforts under this Investment include updating and funding the Statewide Communication Interoperability Plan (SCIP), to ensure that implementation of the PSIC Investments are consistent with the SCIP, to develop a website as a central information resource for practitioners, to implement a statewide interoperable communications training and exercise plan, to create a statewide interoperable communications evaluation plan, and to conduct local/regional STR assessments. This Investment is expected to result in greater information sharing, greater coordination and awareness of State resources, and greater interoperability between disciplines and jurisdictions across the State.

Statewide Interoperability Systems Enhancements and User Equipment



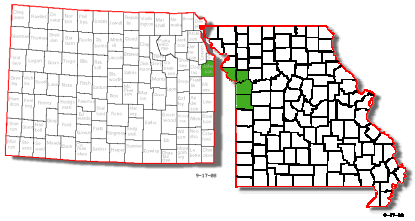
Federal Amount:	$ 8,963,654
Non-Federal Match Amount:	$ 2,240,913
Total Project Cost:	**$ 11,204,567**

98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Kansas has upgraded its 800 megahertz (MHz) system from a conventional analog system to a P25-compliant, digital trunked radio system (DTRS). Although local jurisdictions and regional systems may utilize the existing statewide system, localities often choose to use available funding to maintain their current (non-800 MHz) equipment. As a result, some local jurisdictions do not yet have connectivity to the statewide system. Additionally, while the State system allows for integration of regional solutions using gateways, funding limitations have prevented the State from equipping all towers with this equipment. This Investment will enable the State to install 39 additional gateways and microwave backhaul on the remaining State towers, which will provide 100 percent coverage across the State for regions seeking to access the statewide system. The gateways will link disparate systems and allow for greater interoperability among users across the State. In addition, the Investment will enable the State to install digital upgrades to the statewide DTRS and to acquire 1,350 P25 subscriber units where DTRS and gateway upgrades are complete. The State will also provide for the completion and dissemination of standard operating procedures (SOP) and training on the equipment, which is expected to result in increased awareness and use of the system for multiple jurisdictions and disciplines across the State.

Interzone Connection Between P25 Trunked Radio Systems



Federal Amount:	$ 344,000
Non-Federal Match Amount:	$ 86,000
Total Project Cost:	**$ 430,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The objective of this Investment is to improve interoperable communications for emergency responders across the Kansas City metro area, which spans the borders of Kansas and Missouri. Currently, there are several disparate and proprietary radio systems in the Kansas City metro area – an Urban Area Security Initiative (UASI) region – which includes the Cities of Kansas City (MO) and Kansas City (KS), the counties of Cass, Clay, Jackson, Platte and Ray in Missouri, and the counties of Johnson, Leavenworth, and Wyandotte in Kansas. These systems operate in different bands, provide little coverage outside their jurisdictions, and are spectrally inefficient. Since there is a need for a regional voice radio system that is P25-compliant to allow for full interoperability between disciplines and jurisdictions that serve the Kansas City metro area, this Investment will enable Kansas to link existing systems through the comprehensive integration of P25 radio and infrastructure technology, using P25 ISSI connectivity technology and wide-area, high capacity microwave backhaul technology. This "interzone" link will connect the existing Independence (MO) P25 trunked system and a similar system contracted by Johnson County (KS). The link will also allow users to roam between the two systems seamlessly, increasing interoperability for all users.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$	0
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**0**

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. Kansas, however, chose not to allocate PSIC funds in this manner.

Statewide Planning

Federal Amount	$	0

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. Kansas, however, chose not to allocate PSIC funds in this manner.

Kentucky (KY)

PSIC Federal Award: $15,405,625

(Awarded September 30, 2007)

Summary

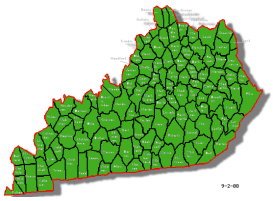
PSIC Investment Justification	Federal Funds
Kentucky Mobile Communication Centers (MCC) — Strategic Technology Reserve (STR)	$1,624,275
Kentucky Strategic Voice Mutual Aid System	$11,261,350
Louisville Metro Mutual Aid Enhancement Project	$2,520,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$15,405,625**

Pass Through: The Kentucky Office of Homeland Security (KOHS) entered into a Memorandum of Understanding with the Kentucky Association of Counties and also received concurrence letters from the Area Development Districts. The agreements authorize KOHS to expend PSIC grant funding in the amount of $19,527,031 on behalf of the locals in accordance with program guidelines.

Strategic Technology Reserve (STR): Kentucky allocated $1,624,275 to its STR Investment.

Investments

Kentucky Mobile Communication Centers (MCC)—Strategic Technology Reserve (STR)



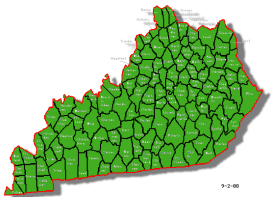
Federal Amount:	$ 1,624,275
Non-Federal Match Amount:	$ 406,069
Total Project Cost:	**$ 2,030,344**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State currently has limited capabilities to quickly re-establish communications after a system-wide failure. This Investment provides funding for the acquisition of seven Mobile Control Centers (MCCs) and the upgrade of two existing Mobile Communications Vehicles (MCVs). The MCCs will use a combination of mobile repeater systems for the State Mutual Aid voice channels, frequency patching technology, and wireless repeaters for the State's mobile data network. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Kentucky Strategic Voice Mutual Aid System



Federal Amount:	$ 11,261,350
Non-Federal Match Amount:	$ 2,815,338
Total Project Cost:	**$ 14,076,688**

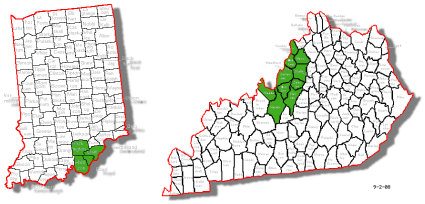
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Kentucky implemented its Mutual Aid Interoperability Radio Network in 2004. While the system provides seamless communications during emergencies and major disasters, the network is limited to one open channel per frequency band in a given region. To alleviate channel congestion, this Investment will fund the acquisition of additional infrastructure (e.g., new base stations) to allow for an additional four or five shared emergency operational channels operating on nationally recognized mutual aid frequencies. This will result in increased coverage and high voice channel capacity, allowing multiple simultaneous conversations to occur during an event.

Louisville Metro Mutual Aid Enhancement Project

Federal Amount:	$ 2,520,000
Non-Federal Match Amount:	$ 630,000
Total Project Cost:	**$ 3,150,000**



100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Louisville area currently operates on an ultra high frequency/very high frequency (UHF/VHF) radio infrastructure that is over forty years old and does not have sufficient channel capacity. This Investment will support the enhancement of the MetroSafe 800 megahertz (MHz), digital Project 25 simulcast public radio system and the Kentucky State Police statewide 800 MHz mutual aid system. Additionally, the installation of a redundant controller will ensure enhanced interoperability among first responders in 14 of the State's counties. The Investment covers the Louisville Urban Area Security Initiative, ten surrounding counties in Kentucky, and four additional counties in southern Indiana.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 0
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 0**

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. Kentucky, however, chose not to allocate its PSIC funds in this way.

Statewide Planning

Federal Amount	$ 0

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. Kentucky, however, chose not to allocate its PSIC funds in this way.

Louisiana

PSIC Federal Award: $19,672,287

(Awarded September 30, 2007)

Summary

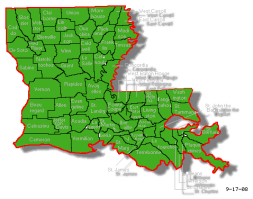
PSIC Investment Justification	Federal Funds
Expansion of the Statewide Project 25 (P25) System Infrastructure Network	$10,082,119
Expansion of P25 Users Through Acquisition of Subscriber Units and Consoles	$7,000,000
Emerging Technologies—Internet Protocol (IP)-Based Broadband Mesh Network	$2,000,000
Management and Administration (M&A)	$590,168
Statewide Planning	-
Total PSIC Award	**$19,672,287**

Pass Through: The State of Louisiana Office of Homeland Security and Emergency Preparedness (OHSEP) fulfilled the PSIC Grant Program's requirement by using a combination of Memoranda of Understanding (MOUs) and passing through of funds. The State allocated the minimum of 80 percent of the total award amount to local or tribal governments or authorized nongovernmental public safety agencies. OHSEP then entered into MOUs with those local entities that were interesting in authorizing the State to expend PSIC grant funding on the local's behalf in accordance with the PSIC grant guidance.

Strategic Technology Reserve (STR): Louisiana submitted a written request for a waiver of the STR requirement. Louisiana demonstrated that it had invested over $5,000,000 toward the development of an STR and has resources in place that allow the State to re-establish communications if critical communications infrastructure is damaged or destroyed. Subsequently, the waiver was granted, and PSIC funds were reallocated to other Investments.

Investments

Expansion of the Statewide Project 25 (P25) System Infrastructure Network



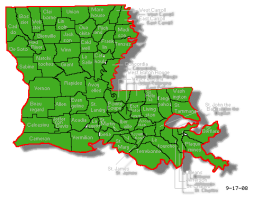
Federal Amount:	$ 10,082,119
Non-Federal Match Amount:	$ 2,483,030
Total Project Cost:	**$ 12,565,149**

99%* Acquisition & Deployment	**< 1%** Training & Exercise	**< 1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Louisiana currently operates a statewide analog wireless 800 megahertz (MHz) communications system, which does not allow for the expansion of users due to frequency constraints. As a result of these limitations, the State developed a Project 25 (P25) system throughout Southern Louisiana following Hurricanes Katrina and Rita to expand the infrastructure and support more users. This Investment will fund the expansion of the P25 system throughout Northern Louisiana by installing additional voice repeaters and microwave redundant connectivity on existing towers. This Investment will allow the State to complete its P25 system, support additional users on the statewide system, and achieve 95 percent mobile radio coverage throughout the State.

Expansion of P25 Users Through Acquisition of Subscriber Units and Consoles



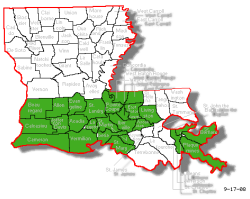
Federal Amount:	$ 7,000,000
Non-Federal Match Amount:	$ 1,712,500
Total Project Cost:	**$ 8,712,500**

98%* Acquisition & Deployment	**1%** Training & Exercise	**1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Louisiana is currently building out a P25 system to replace its statewide 800 megahertz (MHz) analog system. It is a goal of the State to increase the number of users on the system. The only significant hurdle to achieving this goal has been the lack of funding for equipment and additional subscriber units that would allow local public safety agencies to interoperate with the new system. This Investment will provide funding for the State to purchase 3,000 subscriber units and Internet Protocol (IP) consoles to provide mobile and portable radios to the first responder community. This Investment is expected to increase the number of users on the P25 system, and increase interoperability between State and local public safety agencies.

Emerging Technologies – Internet Protocol (IP)-Based Broadband Mesh Network



Federal Amount:	$ 2,000,000
Non-Federal Match Amount:	$ 490,000
Total Project Cost:	**$ 2,490,000**

98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

There is currently no dedicated and secure broadband network for public safety use in the State of Louisiana. This Investment provides a broadband data path for public safety communications in the highly populated areas of Baton Rouge, New Orleans, Lafayette, and Lake Charles. The State will use an IP-based Broadband Mesh Network to increase communications capabilities for public safety and response agencies. This IP-based solution will work in conjunction with the existing public access network to provide data communications (with dedicated and coordinated bands to reduce channel interference), wide-area coverage, and high-speed connectivity for public service agencies in these regions. The network will also support Mobile Command Post/Vehicle integration in the event of an incident. First responders and public safety agencies with Mobile Data Terminal equipped vehicles in the designated areas will be able to send and receive high-speed data and access imagery and maps to assist in response efforts. This Investment will enhance communications capabilities, expand coverage and increase interoperability for public safety agencies in these high-density regions.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 590,168
Non-Federal Match Amount:	$ 147,542
Total Project Cost:	**$ 737,710**

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

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. Louisiana, however, chose not to allocate PSIC funds in this manner.

Maine (ME)

PSIC Federal Award: $7,567,579

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$586,098
Communications Planning Activities	$369,880
Maine State Communications Network (MSCommNet)	$847,647
Communications Equipment and Operations Training and Exercise	$1,513,516
Local Interoperability Projects	$4,071,669
Management and Administration (M&A)	$170,271
Statewide Planning	$8,498
Total PSIC Award	**$7,567,579**

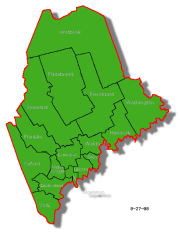
Pass Through: The Maine Emergency Management Agency (MEMA) fulfilled the PSIC Grant Program's requirements by using a combination of Memoranda of Understanding (MOUs) and passing through of funds. The State passed slightly under the minimum 80 percent of the funds to local or tribal government bodies or authorized nongovernmental public safety agencies. The State also entered into MOUs with the local counties, and these agreements authorize Maine to expend some of the PSIC grant funds on training and exercises on behalf of these jurisdictions.

Strategic Technology Reserve (STR): Maine allocated $586,098 to its STR Investment.

Investments

State-level Match Amount: $1,391,469

Strategic Technology Reserve (STR)



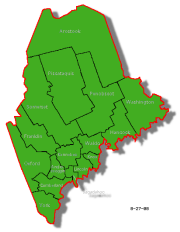
Federal Amount:	$ 586,098
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 586,098**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Antiquated equipment, frequency issues, and Maine's geographic and topographic challenges impede the State's capability to re-establish communications in the event of a major disaster. Maine's Strategic Technology Reserve (STR) Investment standardizes the technology across each of the four existing mobile communications vehicles strategically located across the State. The Investment also upgrades the vehicles' capabilities to serve as emergency dispatch centers and links them together should a catastrophic event wipe out traditional communications across a wide area. These acquisitions are dependent on the existing interoperable communications capacities of counties and communities where the need is greatest. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Communications Planning Activities



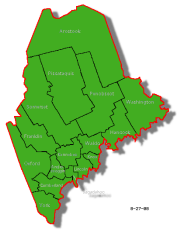
Federal Amount:	$ 369,880
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 369,880**

0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Maine has only limited ability to analyze its available interoperable communications capabilities. To address this communications gap, this Investment coordinates the inventory of communications assets using the Communication Assets Survey and Mapping (CASM) tool. The inventory will identify gaps or conflicts in the State's communications network, allowing decision makers to be better informed when preparing for subsequent projects. Specific technologies of interest that will be explored are gateway devices, mobile and portable radios, base station radios, antennas, repeaters, software patches, and data brokering systems.

Maine State Communications Network (MSCommNet)



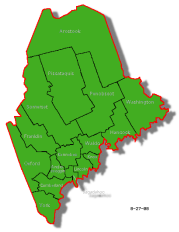
Federal Amount:	$ 847,647
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 847,647**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Maine is in the process of consolidating its State agencies' communications systems into a single interoperable voice communications system called the Maine State Communications Network (MSCommNet), which will provide for a total upgrade of the State's radio communications system. This Investment will fund an upgrade to the Maine State Police's Gray Dispatch Center, a major regional communications center, as well as provide for additional radio frequency equipment and microwave equipment. The system will also provide a gateway for all non-State users who wish to communicate using MSCommNet. This Investment will benefit public safety agencies across the State.

Communications Equipment and Operations Training and Exercise



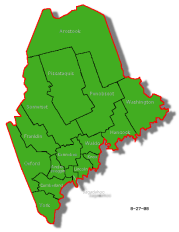
Federal Amount:	$ 1,513,516
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,513,516**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of Maine determined that the best way to familiarize the State's 493 local jurisdictions with the Statewide Communication Interoperability Plan (SCIP), Tactical Interoperable Communications Plan (TICP), and Concept of Operations (CONOPS) protocols and lessons learned is to establish a statewide training and exercise program. This Investment will provide for the creation of a regional training and exercise program for first responders and other officials focusing on CONOPS principles, standard operating procedures (SOP), and basic equipment use. The training program will enhance current incident command communications protocols, aid interaction between different levels of first responder agencies across the State.

Local Interoperability Projects



Federal Amount:	$ 4,071,669
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 4,071,669**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Since 2004, over $14 million has been invested in improvements to Maine's interoperable communications system. First responders across the State have varying interoperable communications needs. This Investment was used primarily to encourage a transition to Project-25 compliant equipment, to address known coverage gaps (e.g., towers, antennas, and repeaters), and to improve mobile data capabilities for first responder agencies across the State. The outcome of the local interoperability projects will be improved interoperable communications capabilities among Maine's first responder agencies.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 170,271
Non-Federal Match Amount:	$ 56,757
Total Project Cost:	**$ 227,028**

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	$ 8,498

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.

Maryland (MD)

PSIC Federal Award: $22,934,593

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
State and Local Communications Partnership: Tower and Fiber Infrastructure	$7,900,000
Central Maryland Area Radio Communications (CMARC), Maryland Eastern Shore Interoperability Network (MESIN), Western Maryland Interoperability System Project (IPIX), Public Safety Intranet (PSINET), 700 Megahertz (MHz): Systems Upgrade, Improvement, and Acquisition	$9,150,000
State Interoperability Executive Committee (SIEC) Consultant Support	$800,000
Data Exchange Hub (DEH) and National Capital Region (NCR) Fiber Optic Network Infrastructure (NCRnet)	$4,700,000
Management and Administration (M&A)	$384,593
Statewide Planning	-
Total PSIC Award	**$22,934,593**

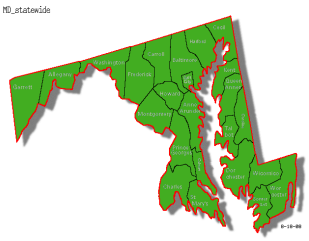
Pass Through: The State of Maryland fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal governments or authorized nongovernmental public safety agencies

Strategic Technology Reserve (STR): Maryland submitted a written STR waiver request based on the fact that the State has invested in a number of reserve capabilities, including radio caches, deployable towers, mobile command vehicles, and satellite communications. The State was granted a full waiver.

Investments

State and Local Communications Partnership: Tower and Fiber Infrastructure

Federal Amount:	$ 7,900,000
Non-Federal Match Amount:	$ 1,777,500
Total Project Cost:	**$ 9,677,500**

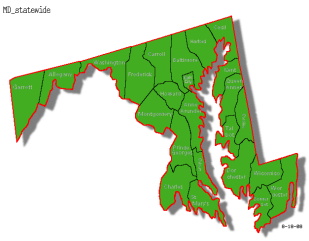


92%* Acquisition & Deployment	**0%** Training & Exercise	**8%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Maryland is geographically diverse State with some high population density areas, which results in coverage and capacity challenges. As a result, Maryland's first responders are currently unable to use radio communications across all agencies and jurisdictions. This Investment provides for an extension of the Public Safety Intranet (PSINET), a connected system of digital microwave and fiber linkages, which will link first responders and local agencies to one another, and eliminate coverage gaps throughout the State. PSINET will allow local emergency management services (EMS) personnel to speak directly with physicians at emergency departments. This Investment will also provide four new towers to fill in local coverage gaps and to ensure PSINET connectivity in previously unincorporated counties. Planning funds will be used to coordinate these improvements.

Central Maryland Area Radio Communications (CMARC), Maryland Eastern Shore Interoperability Network (MESIN), Western Maryland Interoperability System Project (IPIX), Public Safety Intranet (PSINET), 700 Megahertz (MHz): Systems Upgrade, Improvement, and Acquisition



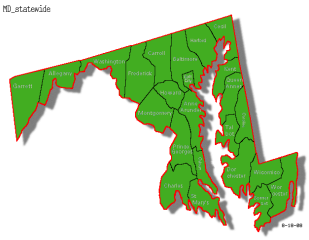
Federal Amount:	$ 9,150,000
Non-Federal Match Amount:	$ 1,772,812
Total Project Cost:	**$ 10,922,812**

81%* Acquisition & Deployment	**6%** Training & Exercise	**13%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Various proprietary systems and equipment used by State agencies and local entities prevent seamless communication across the State. This Investment will allow Maryland to create a "network of networks" with alternate modes of communication, portability, and architecture. The State will improve and extend the Maryland Eastern Shore Interoperability Network (MESIN) and the Central Maryland Area Radio Communications (CMARC), both Radio over Internet Protocol (RoIP) solutions, through infrastructure improvements. These improvements will result in an advanced regional simulcast system that will provide trunked wireless voice interoperability on a Project 25 (P25) backbone. In Western Maryland, this Investment will fund a new pilot RoIP project to address communication gaps in rural and mountainous regions. Lastly, the State will expand the availability of National Public Safety Planning Advisory Committee (NPSPAC) channels in Southern Maryland and implement a real-time traffic video system through MESIN. Training and exercises are in place for the new systems and equipment. These improvements are expected to link disparate systems, extend coverage in underserved regions, and promote interoperability through the use of shared channels.

State Interoperability Executive Committee Consultant Support



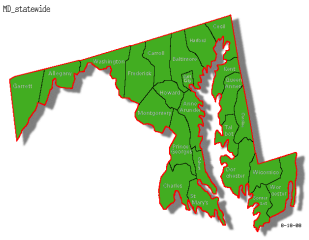
Federal Amount:	$ 800,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 800,000**

0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Maryland requires additional support to determine future technology requirements and increased oversight of interoperable communications projects. This investment will fund the development of three detailed technical plans to guide Southern Maryland, Western Maryland, and the National Capital Region (NCR) towards the use of NPSPAC Mutual Aid channels. Additionally, this Investment will allow the State to continue its partnership with the University of Maryland, which has provided support in the State's development of interoperability governance, outreach to public safety partners, and enhanced communications plans and protocols. Consultants will also be used to conduct asset inventory using the Communication Assets Survey and Mapping (CASM) tool. This Investment will provide the State with the support it needs to determine interface requirements, technology options, implementation sequences, and project oversight.

Data Exchange Hub and National Capital Region Fiber Optic Network Infrastructure (NCRnet)



Federal Amount:	$ 4,700,000
Non-Federal Match Amount:	$ 1,034,823
Total Project Cost:	**$ 5,734,823**

90%* Acquisition & Deployment	**0%** Training & Exercise	**10%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

First responders in the National Capital Region (NCR) are currently unable to share secure and reliable data. This Investment in the Data Exchange Hub (DEH) and the NCRnet project will provide the application and network infrastructure necessary to allow secure, noncommercial access to regional communications systems. Improvements to this system will facilitate real time, inter-regional, and emergency support function (ESF) communications. The DEH/NCRnet initiatives will provide an enhanced data-exchange environment, integrated emergency exchanges between regional and Washington, D.C. ESF agencies, dedicated fiber-optic connections for the exchange of data, and policies and procedures to govern the infrastructure. The Investment is expected to improve agency response to and recovery from all-hazards incidents.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 384,593
Non-Federal Match Amount:	$ 98,400
Total Project Cost:	**$ 482,993**

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

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. Maryland, however, chose not to allocate its PSIC funds in this manner.

Massachusetts (MA)

PSIC Federal Award: $21,191,988

(Awarded September 30, 2007)

Summary

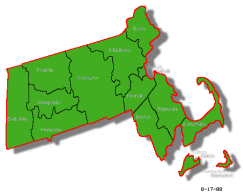
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$1,641,000
Governance and Funding	$1,640,000
Information Enterprise Implementation	$1,200,000
Command Consolidation	$270,000
Statewide Interoperability Backbone	$7,275,000
Channel Definition and Command Channel	$6,000,000
Statewide 700/800 Megahertz (MHz) Network	$1,000,000
Continuity of Government (COG) Communications	$1,225,000
Protocol Initiative—Standard Operating Procedures (SOP) and Memoranda of Understanding (MOU)/Memoranda of Agreement (MOA) Development, and Training and Exercises (T&E)	$250,000
Innovation Initiative	$53,946
Management and Administration (M&A)	$635,760
Statewide Planning	$1,282
Total PSIC Award	**$21,191,988**

Pass Through: The Massachusetts Executive Office of Public Safety and Security entered into Memoranda of Understanding with the Regional Homeland Security Advisory Councils and the Boston Area Security Initiative. These agreements authorize the Massachusetts Executive Office of Public Safety and Security to expend PSIC grant funding on behalf of these jurisdictions.

Strategic Technology Reserve (STR): Massachusetts allocated $1,641,000 to its STR Investment.

Investments

Strategic Technology Reserve (STR)



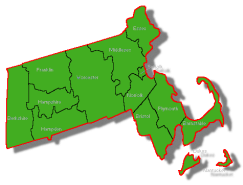
Federal Amount:	$ 1,641,000
Non-Federal Match Amount:	$ 328,200
Total Project Cost:	**$ 1,969,200**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Massachusetts has a limited capability to replace or restore failed communications during emergency situations. This Investment will develop an integrated approach to disaster communications statewide and address the need for employing technology in emergency situations to supplement or replace damaged capabilities. The Investment will identify, purchase, and test technologies such as satellite telephones, high frequency radios, portable caches, and priority commercial services to establish a strategic technology reserve. The equipment included in this Investment will also be used in day-to-day operations, encouraging increased familiarity with the technology and standard operating procedures. 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.

Governance and Funding



Federal Amount:	$ 1,640,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,640,000**

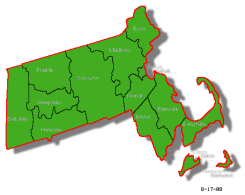
0%* Acquisition & Deployment	**10%** Training & Exercise	**90%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the State does not have consistent project planning or a finalized governance structure. The Investment will fund governance efforts (e.g., planning and coordination) to support the implementation of the State's interoperability goals. These initiatives will strengthen the hierarchical structure and authority needed to implement the Statewide Communication Interoperability Plan (SCIP) and spend the funding in accordance with program goals and priorities.

Information Enterprise Implementation

Federal Amount:	$ 1,200,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,200,000**



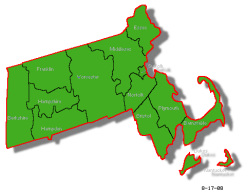
0%* Acquisition & Deployment	**10%** Training & Exercise	**90%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Massachusetts' public safety agencies have historically lacked a coordinated development of uniform information sharing requirements and implementation of proper information technology systems engineering. This Investment will develop and document the enterprise architecture necessary for multiple agencies to interoperate effectively via voice or data and reduce conflicts of information sharing, incompatible systems, and stovepipes. The Investment will develop the Public Safety and Emergency Response Information Exchange Requirements (IER), using information vetted by the State Interoperability Executive Committee (SIEC) with input from the National Incident Management System (NIMS), the Tactical Interoperable Communications Plan (TICP), and National Response Plan scenarios. This Investment will advance uniform information sharing requirements among interoperability stakeholders to ensure that their systems are compatible and able to interconnect.

Command Consolidation

Federal Amount:	$ 270,000
Non-Federal Match Amount:	$ 30,000
Total Project Cost:	**$ 300,000**



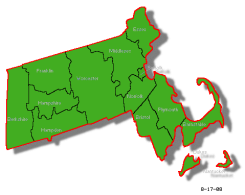
60%* Acquisition & Deployment	**0%** Training & Exercise	**40%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Most Dispatch centers in Massachusetts are not located physically with regional EOCs and have limited ability to share information and jointly support incident response. This Investment provides for the study, cost-benefit analysis, and implementation plan for virtual or regionally-consolidated dispatch centers among multiple organizations. This Investment will support State, local, and tribal public safety agencies, and nongovernmental organizations throughout Massachusetts's five Homeland Security Regions.

Statewide Interoperability Backbone

Federal Amount:	$ 7,275,000
Non-Federal Match Amount:	$ 1,545,000
Total Project Cost:	**$ 8,820,000**



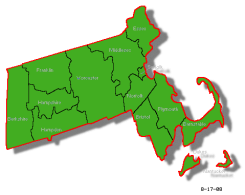
79%* Acquisition & Deployment	**0%** Training & Exercise	**21%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

With a single point of failure in the communications link, slow repair times, and limited bandwidth, the State consistently experiences problems in connecting dispatch centers, including regional centers, to the land mobile radio (LMR) tower sites. This Investment supports the enhancement of the existing statewide and regional backbone through the development of specific requirements, and an assessment of existing and planned fiber and microwave assets. The Investment will also provide redundancy for the systems implemented and help develop a more reliable dispatch center and operations communications backbone. This Investment will support State, local, and tribal public safety agencies, and nongovernmental organizations throughout the Homeland Security Regions in Massachusetts.

Channel Definition and Command Channel

Federal Amount:	$ 6,000,000
Non-Federal Match Amount:	$ 1,200,000
Total Project Cost:	**$ 7,200,000**



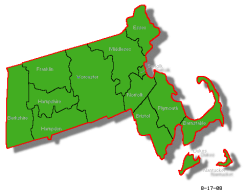
84%* Acquisition & Deployment	**8%** Training & Exercise	**8%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently the State does not have uniform, statewide-coordinated naming conventions for tactical radio channels used by first responders. Channel plans are often unique to each region or agency. This Investment will establish and implement a NIMS-based standard naming convention for all disciplines and jurisdictions. In addition to addressing the lack of wide-area command and control channels, the Investment will enhance current VHF, UHF, and 800 MHz infrastructure. Equipment procured with this Investment includes P25, IP-based gateway technologies and narrow-band capable radios that will enable seamless interoperability between agencies and across jurisdictions.

Statewide 700/800 Megahertz (MHz) Network

Federal Amount:	$ 1,000,000
Non-Federal Match Amount:	$ 200,000
Total Project Cost:	**$ 1,200,000**



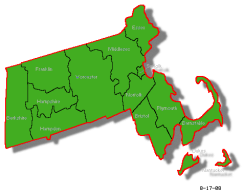
83%* Acquisition & Deployment	**0%** Training & Exercise	**17%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Massachusetts State Police are planning for the full migration of public safety agencies to a Project 25 (P25) statewide analog trunked network. The State is in the process of expanding its 800 MHz system in western Massachusetts and is using funding to develop detailed network requirements, perform design work for the 700-800 MHz system (e.g., high-site selection, backbone sizing), and to develop a system implementation template to build out the 700-800 MHz system. The initial phase will also include a Network/Security Operations Center. This system will develop an efficient statewide system that can support all public safety agencies in every locality and permit interoperable talk groups across the network.

Continuity of Government (COG) Communications

Federal Amount:	$ 1,225,000
Non-Federal Match Amount:	$ 245,000
Total Project Cost:	**$ 1,470,000**



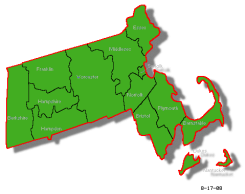
71%* Acquisition & Deployment	**8%** Training & Exercise	**21%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Massachusetts has no plan or standard operating procedures in place to ensure continuity of communications and leadership in the event of a major disaster that disrupts landline, cellular, or radio infrastructure. This Investment supports the coordinated planning and implementation of survivable and portable communications methodologies and equipment (e.g., deployable tunnel repeaters, satellite radios) that can be used in day-to-day operations and in cases of major disaster. This Investment will provide public safety command and control before, during, and after major disasters. Using current and redundant technology, the State of Massachusetts will establish policies and procedures for continuity of government, link temporary gaps in the statewide backbone, and provide talk groups to individual users on a day-to-day and emergency basis.

Protocol Initiative—Standard Operating Procedures (SOP) and Memoranda of Understanding (MOU)/Memoranda of Agreement (MOA) Development, and Training and Exercises (T&E)

Federal Amount:	$ 250,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 250,000**



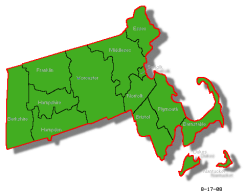
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will develop templates for key interoperability Standard Operating Procedures (SOP) and Memoranda of Understanding (MOU) that do not currently exist for first responders. Responders, dispatchers, and others sharing information in a mobile environment require SOPs to maximize the flow of needed command and control situational awareness reports. The Statewide Training and Exercise project will develop and adopt NIMS-compliant communications exercise practices and guidelines, performance measurements, and evaluation for all relevant disciplines in a vetted set of scenarios.

Innovation Initiative

Federal Amount:	$ 53,946
Non-Federal Match Amount:	$ 10,000
Total Project Cost:	**$ 63,946**



100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will support the technology initiatives identified in the Massachusetts SCIP. Currently, there are no standard approaches on the use of mutual aid channels or information sharing. This Investment will develop a framework to identify and refine user/system requirements and emerging technologies that meet these requirements. This Investment will be used, in particular, to prove and configure the Massachusetts Tactical Stack (TACSTACK.) The TACSTACK will provide common multi-band radio coverage (through cross-band repeaters) for the Command Channel radio sites for VHF, UHF, national mutual aid tactical channels, and 700 MHz frequencies. In addition, available resources will be employed for development of computer-aided dispatch information sharing approaches. This Investment is expected to increase coordination and cooperation through the use of mutual aid channels and advanced technologies.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 635,760
Non-Federal Match Amount:	$ 3,558,200
Total Project Cost:	**$ 4,193,960**

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	$ 1,282

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.

Michigan (MI)

PSIC Federal Award: $25,039,781

(Awarded September 30, 2007)

Summary

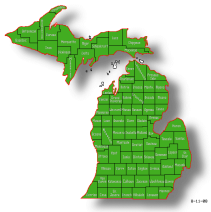
PSIC Investment Justification	Federal Funds
Establish a Robust Strategic Technology Reserve (STR)	$1,939,294
Michigan Public Safety Communications System (MPSCS) Technology Upgrade	$2,406,485
Enhance Voice and Data Interoperability Between and Within State Agencies and Between State Agencies and Local Jurisdictions	$1,382,419
Establish and Enhance Multi-Disciplined Interoperability in Southwestern and Central Michigan	$7,721,632
Enhance Voice and Data Interoperability and Provide Critical Communications Functions in Southeast Michigan	$5,173,648
Enhance and Promote Advanced Interoperability in Northern Michigan by Expanding the Statewide Network and Ensuring Regional Interoperable Communications	$5,585,110
Management and Administration (M&A)	$751,193
Statewide Planning	$80,000
Total PSIC Award	**$25,039,781**

Pass Through: The State of Michigan 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 agencies.

Strategic Technology Reserve (STR): Michigan allocated $1,939,294 to its STR Investment.

Investments

Establish a Robust Strategic Technology Reserve (STR)



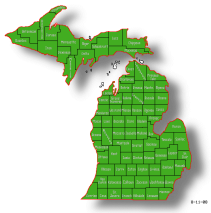
Federal Amount:	$ 1,939,294
Non-Federal Match Amount:	$ 519,740
Total Project Cost:	**$ 2,459,034**

98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Michigan Public Safety Communications System (MPSCS) is largely dependent on fixed infrastructure which may not always provide optimal coverage and capacity. Therefore, the State will purchase a Site-on-Wheels (SOW), three networked portable dispatch Internet Protocol (IP) consoles, and a Rapid Response Communications Vehicle (RRCV). Designed to address capacity issues and service interruptions, the RRCV will consist of satellite phones, data messaging devices, and wireless Voice over Internet Protocol (VoIP) services. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed. MPSCS staff will receive training from the vendor on operating and maintenance of the SOW and the IP consoles.

Michigan Public Safety Communications System (MPSCS) Technology Upgrade



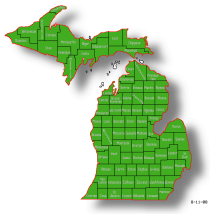
Federal Amount:	$ 2,406,485
Non-Federal Match Amount:	$ 601,625
Total Project Cost:	**$ 3,008,110**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The MPSCS must be upgraded with the latest technologies in order to enable first responders to share voice and data information on demand and in real time. Without the upgrade, the State will be unable to integrate additional large urban counties that are planning to join the system. This Investment will upgrade the MPSCS software which impacts all current and future subscribers to the MPSCS and will include flash upgrades to 225 towers and the current 40,000 radios. Public safety agencies across the State will benefit from this Investment, including the Detroit Urban Area Security Initiative (UASI).

Enhance Voice and Data Interoperability Between and Within State Agencies and Between State Agencies and Local Jurisdictions



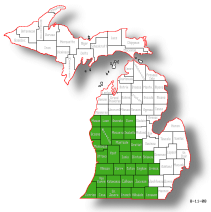
Federal Amount:	$ 1,382,419
Non-Federal Match Amount:	$ 377,715
Total Project Cost:	**$ 1,760,134**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

In the State of Michigan, only 438 of 777 mobile units are equipped with Mobile Data Computers (MDC). Through this Investment, the State will purchase 75 MDCs for shared use in 164 Michigan State Police (MSP) vehicles. This investment also provides for the purchase of videoconferencing equipment and mobile radios. Videoconferencing capabilities will be available during emergency operations in the Emergency Coordination Center (ECC). Additional MPSCS radio equipment and MDCs will ensure State agencies are able to effectively communicate during emergencies. Overall, this Investment will result in improved inter-agency communications as well as enhanced communications among State and local public safety agencies.

Establish and Enhance Multi-Disciplined Interoperability in Southwestern and Central Michigan



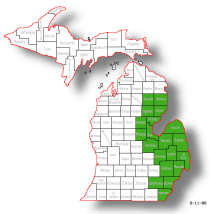
Federal Amount:	$ 7,721,632
Non-Federal Match Amount:	$ 1,916,275
Total Project Cost:	**$ 9,637,907**

98%* Acquisition & Deployment	**1%** Training & Exercise	**1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

There currently exists a wide disparity of communications systems in use throughout Southwestern and Central Michigan (Homeland Security Regions 1, 5, and 6). For example, in areas utilizing the statewide MPSCS, some coverage gaps exist and not all response agencies are on the system. The remaining agencies operate with a mix of VHF, UHF, and 800 MHz analog systems. The proposed solution for Region 1 is upgrading existing radio systems by reprogramming and/or replacing mobile and portable radio equipment incapable of operating in the narrow bandwidth. Region 5 will construct an MPSCS tower and provide mobile 800 MHz radios for fire departments and all Advanced Life Support units in the region. Region 6 will procure portable and mobile 800 MHz radios for use with the MPSCS and provide dispatch connectivity by upgrading systems lacking the functionality to switch frequencies. These efforts will increase interoperability between public safety disciplines, tribal agencies, and bordering jurisdictions.

Enhance Voice and Data Interoperability and Provide Critical Communications Functions in Southeast Michigan



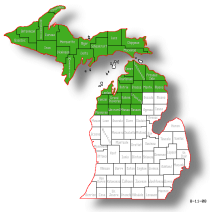
Federal Amount:	$ 5,173,648
Non-Federal Match Amount:	$ 1,246,819
Total Project Cost:	**$ 6,420,467**

96%* Acquisition & Deployment	**<1%** Training & Exercise	**4%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Voice and data coverage through MPSCS is limited in Southeast Michigan including Bay and Wayne Counties and some areas are reaching capacity due to a large number of users. Moreover, although there are many MPSCS towers in Detroit (Wayne County), there is limited portable coverage and space available on MPSCS for additional users in the greater Wayne County area. This Investment addresses regional voice and data issues facing Southeast Michigan by building a MPSCS tower to expand existing coverage and strengthen existing signals, as well as add additional users without diminishing the grade of service. This Investment will enable additional counties to buy portable and mobile radio caches as a local strategic technology reserve. Additionally, enhancements will be made to gateways to interoperate with MPSCS and dual mode radios will be purchased for use in a cache. Gateways will be purchased to link dispatch centers to MPSCS, and some counties will purchase Computer Automated Dispatch (CAD) links for existing CAD systems in their Emergency Operation Centers (EOC). Together, these projects will address coverage and capability challenges in the greater Wayne County area. The geographic area covered by this Investment includes the Detroit UASI.

Enhance and Promote Advanced Interoperability in Northern Michigan by Expanding the Statewide Network and Ensuring Regional Interoperable Communications



Federal Amount:	$ 5,585,110
Non-Federal Match Amount:	$ 1,425,333
Total Project Cost:	**$ 7,010,443**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Data capabilities are limited or unavailable in Northern Michigan. Furthermore, some communications systems are reaching capacity due to limited channels-to-user ratios. The Upper Peninsula needs additional communications capacity and redundancy in key communications areas. This Investment will provide for the upgrade of MPSCS tower sites by adding repeaters and upgrading a critical microwave link. This investment will also provide for the purchase of 800 MHz radios, mobile data computers, integrated voice and data (IV&D) radio technology, and a cache of radios for use in emergencies. All projects within this investment are seen as priorities for each region and promote the highest level of interoperability.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 751,193
Non-Federal Match Amount:	$ 187,799
Total Project Cost:	**$ 938,992**

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	$ 80,000

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.

Minnesota (MN)

PSIC Federal Award: $14,262,071

(Awarded September 30, 2007)

Summary

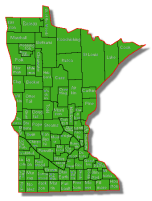
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)—State Component	$468,200
Strategic Technology Reserve—Local Component	$636,377
Radio Control Stations—ARMER System to Provide Cross-Spectrum Interoperability	$1,400,000
Local/County/Regional Comprehensive Public Safety Communication Assessment	$1,200,000
Very High Frequency (VHF)/Ultra High Frequency (UHF) Interoperability—ARMER Backbone	$3,300,000
Planning and Training for Equipment and Communications Interoperability—State	$530,000
Training for Equipment and Communications Interoperability—Local	$600,000
Subscriber Equipment: Statewide Shared Infrastructure—Local	$4,500,000
Subscriber Equipment: Statewide Shared Infrastructure—State	$1,050,000
Management and Administration (M&A)	$427,494
Statewide Planning	$150,000
Total PSIC Award	**$14,262,071**

Pass Through: The State of Minnesota fulfilled the PSIC Grant Program's requirement by using a combination of Memoranda of Understanding (MOUs) and passing through of funds. The State met the requirement by passing through a minimum of 80 percent of the total award amount to the Regional Radio Boards. Additionally, the State entered into MOUs with the Regional Radio Boards/Regional Advisory Councils.

Strategic Technology Reserve (STR): Minnesota allocated $1,104,577 to its STR Investment.

Investments

Strategic Technology Reserve (STR)—State Component



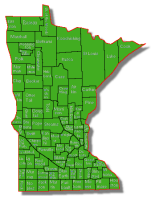
Federal Amount:	$ 468,200
Non-Federal Match Amount:	$ 79,550
Total Project Cost:	**$ 547,750**

73%* Acquisition & Deployment	**0%** Training & Exercise	**27%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will provide funding for developing regional deployable communications capabilities using mobile VHF repeaters, towers, generators, and a radio cache. It will also expand the capability of an existing mobile, statewide, independent 700/800 MHz trunked communications system, using an intelli-repeater. The intelli-repeater has the capacity to perform trunking functions without the need of a site controller and provides redundant functions in the event of equipment failure. The State will also develop standard operating procedures (SOP) and agreements for the activation and deployment of these resources. This project builds upon existing deployable interoperability capabilities and provides additional resources for use during catastrophic communications failures.

Strategic Technology Reserve—Local Component



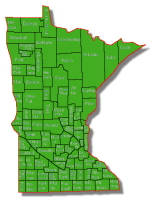
Federal Amount:	$ 636,377
Non-Federal Match Amount:	$ 159,094
Total Project Cost:	**$ 795,471**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will build upon existing deployable interoperability capabilities and provides additional resources directed toward catastrophic communications failures. Combined with the State-level STR Investment, this project will provide funding for developing regional deployable communications capabilities using mobile VHF repeaters, towers, generators, and an appropriate radio cache. Additionally, it will expand the capability of an existing mobile, statewide, independent 700/800 MHz trunked communications system, using an intelli-repeater. With the two STR Investments, the State satisfies the PSIC 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.

Radio Control Stations—ARMER System to Provide Cross-Spectrum Interoperability



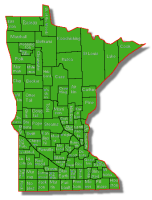
Federal Amount:	$ 1,400,000
Non-Federal Match Amount:	$ 350,000
Total Project Cost:	**$ 1,750,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State's Allied Radio Matrix for Emergency Response (ARMER) is standards-based shared infrastructure operating in the 700/800 MHz spectrum. The majority of local communication systems operate in the conventional VHF band and do not have access to the statewide system. This Investment will place radio control stations in Public Safety Answering Points (PSAP) and Emergency Operation Centers (EOC) throughout the State to provide the ability of local governments and public safety agencies to access the statewide system, and enable interoperability between all entities operating on ARMER, regardless of frequency.

Local/County/Regional Comprehensive Public Safety Communication Assessment



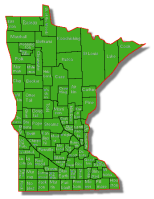
Federal Amount:	$ 1,200,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,200,000**

0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Many areas of the State have not completed an assessment of the voice and data infrastructure for public safety communications nor have they developed any long-term interoperable communications plans. This Investment will provide an assessment of communications infrastructure in each county and municipality in Minnesota, including nongovernmental and tribal public safety agencies. The assessment will include an evaluation of potential solutions to enhance interoperability and replace equipment that is obsolete. All local stakeholders will be included in the broad discussion of public safety communications, regional communications planning, and developing best approaches to maximize public safety interoperability. This assessment will be provided to the Statewide Radio Board to guide future communications decisions and Investments.

VHF/ UHF
Interoperability—ARMER Backbone



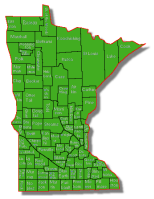
Federal Amount:	$ 3,300,000
Non-Federal Match Amount:	$ 750,000
Total Project Cost:	**$ 4,050,000**

93%* Acquisition & Deployment	**0%** Training & Exercise	**7%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Minnesota's current statewide communications system (ARMER) does not have VHF or UHF capability built into the platform. The Investment's primary objective is to ensure that both legacy and newer standards-based system users operating in the VHF or UHF spectrum are able to communicate via ARMER. The backbone of ARMER will be used to coordinate VHF and UHF interoperability among all public safety entities in the State. Users will be linked into a talk group and will be able to maintain cross-spectrum interoperability. This Investment will also fund planning and coordination efforts at the State and regional levels to determine what VHF and UHF resources are needed to achieve the highest level of interoperability.

Planning and Training for Equipment and Communications
Interoperability—State



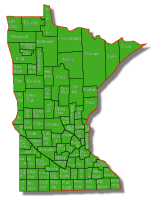
Federal Amount:	$ 530,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 530,000**

0%* Acquisition & Deployment	**38%** Training & Exercise	**62%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will address the need to provide communications training for State-level public safety personnel and elected officials on a broad range of equipment. The Department of Public Safety (DPS) will develop a core group of instructional courses that will address this need. Equipment and procedural resources, such as radio caches, shared channel use, gateways, and the ARMER backbone will be incorporated into the training. The State will also provide Communications Unit Leader (COML) training to public safety personnel throughout the State. This Investment corresponds with the next Investment "Training for Equipment and Communications Interoperability – Local" to provides additional resources to local and regional public safety personnel to pay for the cost of training.

Training for Equipment and Communications Interoperability—Local



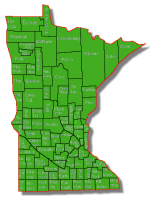
Federal Amount:	$ 600,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 600,000**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will address the needs of local agencies to pay the costs of attending communications training for personnel and elected officials on a broad range of equipment. The Department of Public Safety (DPS) will develop a core group of instructional courses that address this need. Additionally, equipment and procedural resources, such as radio caches, shared channel use, gateways, and the ARMER backbone would be incorporated into training. The Investment will also provide Communications Unit Leader (COML) training to local public safety personnel.

Subscriber Equipment: Statewide Shared Infrastructure—Local



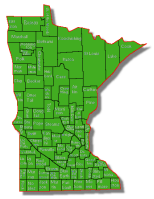
Federal Amount:	$ 4,500,000
Non-Federal Match Amount:	$ 1,125,000
Total Project Cost:	**$ 5,625,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will provide approximately 2,500 subscriber units (e.g., portable and mobile radios, radio control stations) to local public safety personnel to ensure access to the statewide shared infrastructure (ARMER). This Investment will allow local public safety officials to gain access to the statewide ARMER backbone and will provide interoperability at the State and local levels. Public safety agencies across the State will benefit from this Investment, including the Twin Cities UASI.

Subscriber Equipment: Statewide Shared Infrastructure—State



Federal Amount:	$ 1,050,000
Non-Federal Match Amount:	$ 262,500
Total Project Cost:	**$ 1,312,500**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will provide approximately 500 subscriber units (e.g., portable and mobile radios and radio control stations) to State agency public safety personnel and radio control stations for the ten State-operated PSAPs and EOCs that will enable access to the statewide shared infrastructure (ARMER). This Investment will allow State-level public safety officials to gain access to the statewide ARMER backbone. This Investment supports the goal to provide State public safety agencies access to the statewide system and improve interoperability between State and local response agencies.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 427,494
Non-Federal Match Amount:	$ 106,874
Total Project Cost:	**$ 534,368**

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	$150,000

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.

Mississippi (MS)

PSIC Federal Award: $10,989,345

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Statewide Radio Cache – Strategic Technology Reserve (STR)	$851,109
Local/County Integration into Mississippi Wireless Information Network (MSWIN)	$9,805,556
Management and Administration (M&A)	$329,680
Statewide Planning	$3,000
Total PSIC Award	**$10,989,345**

Pass Through: The Mississippi Office of Homeland Security (MOHS) entered into Memoranda of Understanding with the local counties in the State. The agreements authorize MOHS to expend PSIC grant funding on behalf of these jurisdictions.

Strategic Technology Reserve (STR): Mississippi allocated $851,109 to its STR Investment.

Investments

Statewide Radio Cache—Strategic Technology Reserve (STR)

Federal Amount:	$ 851,109
Non-Federal Match Amount:	$ 127,666
Total Project Cost:	**$ 978,775**

66%* Acquisition & Deployment	**17%** Training & Exercise	**17%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Hurricane Katrina exposed Mississippi's need for a reliable backup system in case of major natural or man-made disasters. This Investment provides Mississippi with enhanced backup communications capabilities to ensure that interoperability can be achieved and maintained during emergencies and is available on demand. Phase I of the Strategic Technology Reserve (STR) provided basic infrastructure for wide area coverage and mobile communication centers that could be moved and used to re-establish communications in areas where infrastructure was damaged or destroyed. Phase II of the project is addressed by the PSIC STR Investment. Mississippi will purchase and deploy a cache of Project 25 (P25) 700/800 MHz dual-band radios to be used with the current State system. The radio cache, in combination with the State's mobile sites (e.g., three sites on wheels, one master site on wheels, nine coastal tower sites), will provide Mississippi with a backup system that can be moved to other parts of the State and neighboring States in the event of a disaster. This Investment satisfies the PSIC 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.

Local/County Integration into Mississippi Wireless Information Network (MSWIN)

Federal Amount:	$ 9,805,555
Non-Federal Match Amount:	$ 1,470,833
Total Project Cost:	**$ 11,276,388**

66%* Acquisition & Deployment	**17%** Training & Exercise	**17%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Mississippi does not currently have a statewide communications system, and as a result, seamless communication among first responder agencies is a challenge. This Investment will connect existing trunked radio systems into Mississippi's Wireless Information Network (MSWIN), a Radio over Internet Protocol (RoIP) network that uses gateway technology. The goal of MSWIN is to provide a "system of systems" statewide backbone for high-level interoperability. The State will conduct meetings and research to determine the necessary equipment needed to achieve connectivity for each county. The final goal of the Investment is to connect disparate county systems to one another and to the MSWIN system. This includes all public safety first responder disciplines and federally-recognized Indian Nations in the 82 counties of Mississippi.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 329,680
Non-Federal Match Amount:	$ 82,420
Total Project Cost:	**$ 412,100**

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	$ 3,000

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.

Missouri (MO)

PSIC Federal Award: $17,465,576

(Awarded September 30, 2007)

Summary

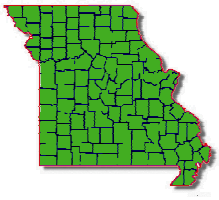
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$1,352,683
Planning	$808,279
Acquisition and Deployment of Interoperable Push-to-Talk Communications	$10,182,800
Training	$1,500,000
Kansas City Urban Area Security Initiative (UASI) Region Connectivity Backbone for Regional and State Interoperability	$1,201,341
St. Louis Urban Area (UA) Microwave Connectivity Backbone for Regional and State Interoperable Communications	$1,035,121
Management and Administration (M&A)	$512,073
Statewide Planning	$873,279
Total PSIC Award	**$17,465,576**

Pass Through: The Missouri Department of Public Safety (MDPS) fulfilled the PSIC Grant program's requirement by using a combination of Memoranda of Understanding (MOUs) and passing through of funds. The State entered into MOUs with the Regional Homeland Security Oversight Committees and the Kansas City Urban Area. The agreements authorize MDPS to expend PSIC grant funding on behalf of these jurisdictions. The State passed funds to the St. Louis Urban Area to implement a microwave backbone Investment.

Strategic Technology Reserve (STR): Missouri allocated $1,352,683 to its STR Investment.

Investments

Strategic Technology Reserve (STR)



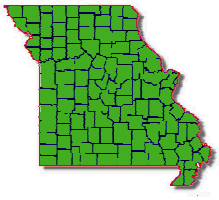
Federal Amount:	$ 1,352,683
Non-Federal Match Amount:	$ 321,921
Total Project Cost:	**$ 1,674,604**

96%* Acquisition & Deployment	**0%** Training & Exercise	**4%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

A tremendous amount of equipment and technologies are available throughout the State that can be used for STR solution; however, the State recognizes it first needs to conduct an assessment of the existing equipment and determine the gaps in the STR solution. Any gaps will be mitigated by purchasing the needed interoperable communications equipment. The plan is to pre-position STR assets regionally to assist in a man-made or natural disaster. This Investment benefits public safety agencies across the State, including the Kansas City and St. Louis UASIs.

Planning



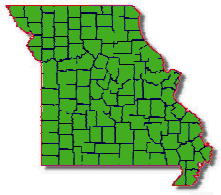
Federal Amount:	$ 808,279
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 808,279**

0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Missouri requires a statewide wireless network for public safety and public service agencies. The current infrastructure is spread across multiple frequency bands and requires the implementation of a common framework to improve interoperability. This Investment will coordinate the planning, logistics, and implementation stages for the new network. One of the main components of the Investment is to hire a Chief Interoperability Officer whose responsibilities will be to support the survey and coverage assessments, develop competitive bids, prepare a Federal Communications Commission (FCC) license application, pursue frequency coordination approvals, and finally install and optimize the network.

Acquisition and Deployment of Interoperable Push-to-Talk Communications



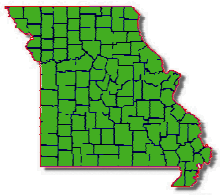
Federal Amount:	$ 10,182,800
Non-Federal Match Amount:	$ 2,545,700
Total Project Cost:	**$ 12,728,500**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Missouri's current communications structure is comprised of hundreds of autonomous radio systems with users who cannot always communicate with one another seamlessly. This Investment will provide for the purchase, licensing, and installation of the digital circuits for the wide-area deployment of the VHF Missouri Tactical Channel to advance a statewide wireless push-to-talk network. A wireless push-to-talk network is essential to advancing toward a new, standards-based Project 25 (P25) trunked radio network. By adding simplex, multimode (analog and P25) radio base stations and controlling them via digital data circuits, the State can expand the coverage of the existing State interoperability channel and improve existing capabilities. This Investment benefits public safety agencies across the State, including the Kansas City and St. Louis UASIs.

Training



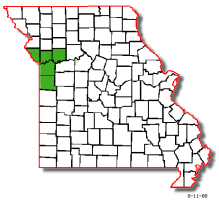
Federal Amount:	$ 1,500,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,500,000**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Missouri has invested significant resources ($29,000,000) in interoperable communications equipment and services over the past four fiscal years, and individual State agencies have successfully expanded their networks. Missouri now requires a statewide strategy to plan, exercise, and train these agencies. This Investment will provide training classes for incident responders and will develop a training template to be re-used as agencies migrate to new interoperable communications equipment.

Kansas City UASI Region
Connectivity Backbone for Regional and State Interoperability



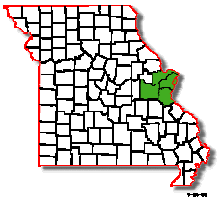
Federal Amount:	$ 1,201,341
Non-Federal Match Amount:	$ 297,362
Total Project Cost:	**$ 1,498,703**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The various existing voice/data communications systems in the Mid-America Regional Council (MARC) region (i.e., the Kansas City UASI) are currently not networked together. These circuits are not secure and lack the necessary bandwidth for the coordination of metro-wide emergencies. This Investment will build a regional microwave loop that will allow for sending and receiving secure voice/data communications, interconnection of legacy radio systems, and public safety radio user roaming via P25 inter-radio frequency subsystem interface standards.

St. Louis UASI Microwave Connectivity Backbone
for Regional and State Interoperable Communications



Federal Amount:	$ 1,035,121
Non-Federal Match Amount:	$ 256,193
Total Project Cost:	**$ 1,291,314**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The St. Louis UA has many disparate, non-interoperable radio systems, and the eight-county, bi-state urban area is working to develop a shared microwave network. This Investment will fund the system design, equipment procurement, and system optimization and testing activities for Phase I focused in the St. Charles County and Northern St. Louis areas. The network will link radio systems, including Voice over Internet Protocol (VoIP), telephone, data, and video. This Investment will establish a foundation for a regional, standards-based responder radio communications system.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 512,073
Non-Federal Match Amount:	$ 128,018
Total Project Cost:	**$ 640,091**

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	$ 873,279

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.

Montana (MT)

PSIC Federal Award: $6,549,685

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$507,263
Wide-Area Infrastructure Development and Digital Microwave Installation Connecting the Master Control Site to Billings and Eastern Montana	$2,426,731
Wide-Area Infrastructure Development and Digital Microwave Installation Connecting the Master Control Site to Butte, Bozeman, and Southwest Regions	$3,419,200
Management and Administration (M&A)	$196,491
Statewide Planning	-
Total PSIC Award	**$6,549,685**

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

Strategic Technology Reserve (STR): Montana received a partial STR waiver after demonstrating that it has communication equipment pre-positioned throughout the State and has the ability to deploy the equipment during a natural or man-made disaster. The State of Montana will use a portion of the PSIC STR set aside in the amount of $132,263 to purchase additional resources that should allow the State to re-establish communications and interoperate among the various public safety agencies if existing critical infrastructure is damaged.

Investments

Strategic Technology Reserve (STR)

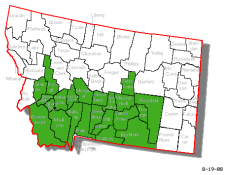
Federal Amount:	$ 507,263
Non-Federal Match Amount:	$ 126,816
Total Project Cost:	**$ 634,079**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Montana has identified a number of key communications assets that lie directly within regions that could be impacted by various natural and man-made disasters. The State will spend $132,263 of the PSIC STR set aide to enhance the existing STR and purchase mobile emergency generators, mobile VHF repeater, and mobile towers to help restore connectivity. With the remaining portion of the Investment, the State will purchase master controller emergency spare kits, radio site rapid response maintenance packages, and microwave rapid response maintenance packages to support the statewide system and serve the needs of first responders in the State. This Investment satisfies the PSIC 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.

Wide Area Infrastructure Development and Digital Microwave Installation Connecting Billings and Eastern Montana



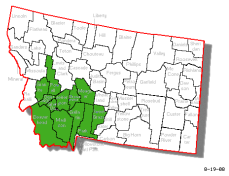
Federal Amount:	$ 3,419,200
Non-Federal Match Amount:	$ 854,800
Total Project Cost:	**$ 4,274,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Montana's strategic communications plans were developed to address ways to improve connectivity, enhance technical resources available to responders, advance statewide interoperable communications, and address gaps identified in the Tactical Interoperability Communications Plans for the Yellowstone County Region. This Investment impacts the urban area of Billings and Yellowstone County by providing Internet Protocol (IP)-based digital connectivity between the State capitol in Helena and Billings, the largest urban area. The Investment will provide for the development of a digital microwave communications ring that connects the Northern Tier Project in Northeast Montana with South Central Montana and Billings. Six communications sites will either be built or upgraded, and eleven microwave 'hops' will be created, providing digital microwave links between two tower locations or a tower and endpoint. This Investment will expand the capabilities of State and local responders to transmit voice and data across jurisdictions, using this IP network.

Wide Area Infrastructure Development and Digital Microwave Installation Connecting the Master Control Site to Butte, Bozeman and Southwest Regions



Federal Amount:	$ 3,419,200
Non-Federal Match Amount:	$ 854,800
Total Project Cost:	**$ 4,274,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Similar to the previous Investment, this Investment addresses the current lack of IP-based digital connectivity between Helena, where the master radio/data control site is located, and the southwest region of Montana. This Investment will be used to develop a digital communications ring in Southwest Montana and increase microwave capacity for connectivity to other regions of the State. Eight communications sites will either be built or upgraded, and twelve microwave hops will be created. Like the previous Investment, this Investment will expand the capabilities of State and local responders to transmit voice and data across jurisdictions, using this IP network.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 196,491
Non-Federal Match Amount:	$ 49,123
Total Project Cost:	**$ 245,614**

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

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. Montana, however, chose not to allocate its PSIC funds in this manner.

Nebraska (NE)

PSIC Federal Award: $8,582,108

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$377,500
Tower Infrastructure	$500,000
Regional Public Safety Answering Point (PSAP) Interoperability	$1,335,000
Regional PSAP Interconnectivity	$2,957,500
Mutual Aid Frequency Overlay	$800,000
PSAP Upgrade, SmartX Migration, Project 25 (P25) Master Site	$497,000
Mobile Data System	$877,030
Southeast Region Wireless Data	$997,078
Management and Administration (M&A)	$125,000
Statewide Planning	$116,000
Total PSIC Award	**$8,582,108**

Pass Through: The State of Nebraska fulfilled the PSIC Grant program's requirement by using a combination of Memoranda of Understanding (MOUs) and passing through of funds. The State passed slightly under the minimum 80 percent of the funds to local or tribal government bodies or authorized nongovernmental public safety agencies. The Nebraska Emergency Management Agency (NEMA) entered into MOUs with Scotts Bluff County and the Nebraska Council of Regions. These agreements authorize NEMA to expend PSIC funding on behalf of these entities.

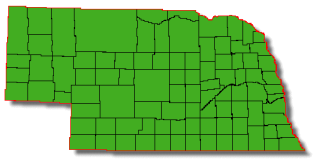
Strategic Technology Reserve (STR): Nebraska submitted a written request for a partial STR waiver based on the fact that Nebraska has previously invested in efforts to establish an STR. Nebraska was granted a partial waiver and will use a portion of its PSIC funding ($287,172) for other PSIC Investments.

Investments

State-level Match Amount: $406,055

Strategic Technology Reserve (STR)

Federal Amount:	$ 377,500
Non-Federal Match Amount:	$ 75,500
Total Project Cost:	**$ 453,000**



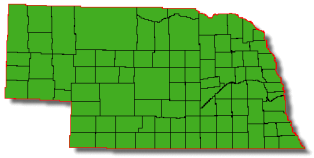
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Past natural disasters have illustrated a need for Nebraska to acquire communications equipment that is capable of re-establishing communications in the event of system failure. Currently, the State maintains several mobile vehicles and trailers equipped with towers, generators, a cache of radios, interconnect systems, and satellite phones that are pre-deployed throughout the State. This Investment will enhance the current STR solution to acquire additionally mobile tower equipment. This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Tower Infrastructure

Federal Amount:	$ 500,000
Non-Federal Match Amount:	$ 100,000
Total Project Cost:	**$ 600,000**



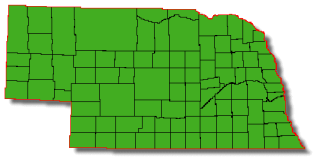
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Nebraska's southwest region has identified coverage deficiencies in existing radio systems, particularly in the border areas between the City of Lincoln/Lancaster County and Gage County. This area includes a heavily traveled highway corridor that relies on cross-jurisdictional support, mutual aid, and interoperable communications between public safety and response agencies. This Investment provides for the construction of a tower site, shelter, and backup power systems, to expand coverage and increase reliability in communications between the two counties. All public safety entities in the southwestern region of the State will benefit from this new equipment and increased coverage. The tower will also provide coverage for an emerging statewide radio system and will serve as a central anchor site for the eastern and western regions of the State.

Regional Public Safety Answering Point (PSAP) Interoperability

Federal Amount:	$ 1,335,000
Non-Federal Match Amount:	$ 257,000
Total Project Cost:	**$ 1,592,000**



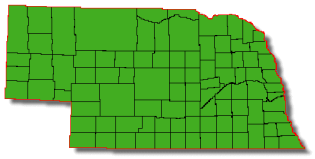
97%* Acquisition & Deployment	**3%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of Nebraska is composed of 93 counties and 100 public safety answering points (PSAP). The eastern counties operate on mostly 800 MHz trunking systems. The remaining counties operate on a mix of VHF, UHF, and 800 MHz, which makes interoperable communications a challenge. This Investment will use a "system of systems" approach to link first responders operating on disparate systems. The Investment will provide direct radio/telephone/Internet protocol (IP) communications among first responders, dispatchers, and emergency management personnel and will link first responders, outside agencies, and nongovernmental organizations (public utilities, hospitals and tribal councils) to facilitate an effective and coordinated response. IP technology will be used to bridge communications between disparate frequencies and act as a gateway between disparate systems.

Regional PSAP Interconnectivity

Federal Amount:	$ 2,957,500
Non-Federal Match Amount:	$ 557,500
Total Project Cost:	**$ 3,515,000**



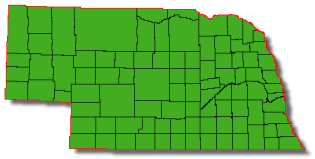
95%* Acquisition & Deployment	**0%** Training & Exercise	**5%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The reliability of the communications system in use in the South Central Planning, Exercise, Training (PET) Region has been inconsistent. The system has worked well locally, but when used regionally, there have been issues with the commercial Internet connectivity that enables access to the system. This Investment installs inter-county microwave links, which will allow each county/region to access the secure network and maintain communication with personnel outside of their normal operating region. Use of the 4.9 gigahertz (GHz) public safety-only frequency will allow each of the eight State regions to sustain communications with public safety personnel for daily operations or major incidents. This Investment will improve interoperability between public safety agencies, increase reliability for all users, and provide backup and redundant systems to ensure continuity of communication and interoperability in the event of a major incident or system failure.

Mutual Aid Frequency Overlay

Federal Amount:	$ 800,000
Non-Federal Match Amount:	$ 160,000
Total Project Cost:	**$ 960,000**



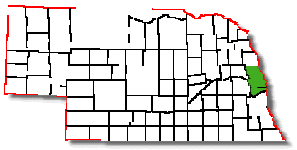
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

During emergencies and disasters, communications systems are challenged by increased call volume. This challenge was addressed in the statewide mutual aid frequency plan, which cites the need for shared communication assets to provide additional capacity during major incidents. This Investment implements VHF and UHF narrowband mutual aid frequency overlays on local towers across the State. This strategy will enable legacy systems to communicate with newer trunked systems through the use of gateways. The 800 megahertz (MHz) overlay will expand the reach of current trunked system coverage into neighboring rural and conventional 800 MHz systems and provide a means for public safety agencies to communicate during major emergencies and disasters.

PSAP Upgrade, SmartX Migration, Project 25 (P25) Master Site

Federal Amount:	$ 497,000
Non-Federal Match Amount:	$ 99,400
Total Project Cost:	**$ 596,400**



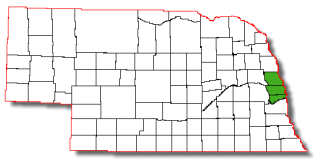
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Sarpy County is the only county in the Omaha Tri-County metropolitan area – covering the City of Omaha, Douglas County, Sarpy County, and Washington County – that does not use a P25 compatible system. Additionally, Sarpy County's current 800 MHz system is outdated and approaching the end of its lifespan. This Investment will address this communication gap by funding a solution to connect to the regional P25 Master Site located in Douglas County and new controllers to allow Sarpy County to expand their system capabilities using channels in the 700 MHz range. Connecting Sarpy County to the existing regional system will provide increased coverage, capacity and reliability for the County and for the public safety agencies operating on its system.

Mobile Data System

Federal Amount:	$ 877,030
Non-Federal Match Amount:	$ 175,406
Total Project Cost:	**$ 1,052,436**



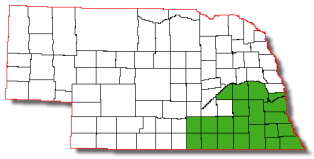
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment adds needed data capabilities to the current Omaha regional 700/800 MHz system. The High Performance Data (HPD) system will provide seamless wide-area mobile data communications for public safety agencies and local governments. The Investment extends the current IP-based infrastructure to provide wide-area mobile data communications and is designed to operate in the public safety frequency bands. A newly designed radio frequency modem will be implemented in vehicles for high capacity data transmission while still preserving future channels for increased bandwidth. Overall, this Investment enhances communication capabilities of public safety agencies and facilitates greater information sharing between agencies.

Southeast Region Wireless Data

Federal Amount:	$ 997,078
Non-Federal Match Amount:	$ 199,416
Total Project Cost:	**$ 1,196,494**



100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will upgrade the current City of Lincoln/Lancaster County wireless data system, which lacks the data rate to support more complex queries into graphical and GIS-based databases. Additionally, the current infrastructure lacks the capacity to support wireless data on a regional basis. This Investment will more than quadruple the data rate by distributing five mobile data installations to each county. Additionally, this Investment uses Advanced Encryption Standard (AES) and a Record Management Sharing (RMS) solution – advanced technologies that enable greater interoperability and increase information sharing and communication capabilities.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 125,000
Non-Federal Match Amount:	$ 31,250
Total Project Cost:	**$ 156,250**

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	$ 116,000

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.

Nevada (NV)

PSIC Federal Award: $12,042,417

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR) - Mobile Interoperability and Satellite Communications Vehicles and Emergency Operations Center (EOC) Radio Cache	$932,668
Core Nevada Radio Systems Internet Protocol (IP)-Based Connectivity	$5,114,182
Statewide Interoperability Training and Exercise Program	$1,142,000
Nevada Department of Public Safety/Las Vegas Metropolitan Police Radio-to-Radio Interoperability	$2,398,560
Statewide Hospital/Rural Interoperable Communications Engineering Plan to Improve Public Safety	$1,000,000
Multi County Ethernet Microwave Interconnect	$1,196,000
Management and Administration (M&A)	$259,007
Statewide Planning	-
Total PSIC Award	**$12,042,417**

Pass Through: The State of Nevada 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 agencies.

Strategic Technology Reserve (STR): Nevada allocated $932,668 to its STR Investment.

Investments

Strategic Technology Reserve (STR) - Mobile Interoperability and Satellite Communications Vehicles and Emergency Operations Center (EOC) Radio Cache

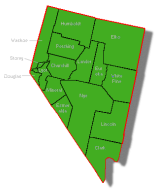
Federal Amount:	$ 932,668
Non-Federal Match Amount:	$ 231,172
Total Project Cost:	**$ 1,163,840**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Communications interoperability is difficult in Nevada because of the numerous jurisdictions and vast geographic areas covered by responder agencies. This Investment will provide for the acquisition of three communications vehicles equipped with modern satellite data/voice communication technology, mobile radio gateways/repeaters, and 100 portable radios for the 700/800 MHz frequency band. The communications vehicles will be strategically located throughout the State, with a response time of 4 hours or less to any point in Nevada, and will give responders the ability to achieve shared channel/shared system communications interoperability. This Investment satisfies the program requirement to develop and implement a STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Core Nevada Radio Systems Internet Protocol (IP)-Based Connectivity



Federal Amount:	$ 5,114,182
Non-Federal Match Amount:	$ 1,236,046
Total Project Cost:	**$ 6,350,228**

97%* Acquisition & Deployment	**1%** Training & Exercise	**2%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Nevada currently has four proprietary radio communications systems and lacks interoperable communication capabilities among the systems. This Investment will provide for the purchase and installation of four IP-based radio networking switches along with the necessary fiber optics and microwave IP network to connect the existing core Nevada radio systems with Clark County. These radio network switches will utilize Voice over Internet Protocol (VoIP) to provide for non-proprietary voice and data communications interoperability among the disparate proprietary core radio systems without increasing radio spectrum requirements. This Investment benefits public safety agencies across the State, including the Las Vegas Urban Area Security Initiative (UASI).

Statewide Interoperability Training and Exercise Program

Federal Amount:	$ 1,142,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,142,000**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Nevada's public safety community requires additional specialized training on current and future interoperable communications equipment and procedures. The Investment will implement an integrated program of training, drills, and exercises that will provide the identified user/operator base with a consistent, common level of standardized knowledge and ability. The desired outcome is the ability for first responders to apply knowledge of interoperable communications equipment and procedures in direct support of the broad mission of public safety. Additionally, this Investment will help develop a long-term training and exercise maintenance plan to address future training and exercise needs on new equipment. The training and exercise program will be offered Statewide and will be Homeland Security Exercise and Evaluation Program (HSEEP)-compliant.

Nevada Department of Public Safety/Las Vegas Metropolitan Police Radio-to-Radio Interoperability

Federal Amount:	$ 2,398,560
Non-Federal Match Amount:	$ 599,640
Total Project Cost:	**$ 2,998,200**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Las Vegas Metropolitan Police Department (LVMPD) is in the process of installing a new multi-band/multi-mode 700 MHz, IP-based, Project 25 (P25) capable radio system to enhance interoperability within the State of Nevada. The current Nevada Department of Public Safety (NDPS) radio system is an EDACS system in the 800 MHz band. LVMPD can not currently communicate directly from their radios to the State system or any State agencies on that system. The purpose of this Investment will acquire 1,515 radios, which will provide first-responder, multi-system radio interoperability and overcome the current communication gap between the 700 MHz and 800 MHz systems. The radios acquired through the Investment will be capable of communicating directly with three of the Nevada's four core communications systems.

Statewide Hospital/Rural Interoperable Communications Engineering Plan to Improve Public Safety

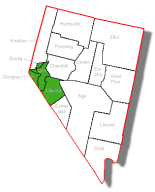
Federal Amount:	$ 1,000,000
Non-Federal Match Amount:	$ 140,000
Total Project Cost:	**$ 1,140,000**

62%* Acquisition & Deployment	**18%** Training & Exercise	**20%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Nevada hospitals communicate with other disciplines on three radio bands — (VHF) 150 MHz, (UHF) 400 MHz, and 800 MHz. Most Nevada hospitals have some radio communication, but there are no standard capabilities or plans for communicating with other emergency services during a crisis. Additionally, almost 30 percent of Nevada hospitals do not have backup communications systems if commercial connections fail, which limits the ability of other emergency services to coordinate with hospitals during emergencies that routinely overload commercial communications. This Investment will be used (1) to develop a needs assessment of hospitals' capabilities and requirements for interoperable radio links to other public safety entities and (2) to acquire the needed network equipment and connectivity to link existing VHF systems into a P25-trunked network for shared use by local, State, tribal, and Federal responders. This plan will include developing engineering plans, conducting engineering studies, and creating project plans. Lastly, this Investment will create training for stakeholders and end users. This Investment will be managed by the Clark County Office of Emergency Management and Homeland Security, but it will benefit public safety agencies across the State.

Multi County Ethernet Microwave Interconnect



Federal Amount:	$ 1,196,000
Non-Federal Match Amount:	$ 244,450
Total Project Cost:	**$ 1,440,450**

85%* Acquisition & Deployment	**1%** Training & Exercise	**14%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Interoperable communications connectivity among Carson City, Story County, Lyon County, Douglas County, the Walker River Paiute Tribe, and the Washoe Tribal Police is limited. To address this communications gap, this Investment proposes to build an IP Ethernet Microwave backbone to connect 20 repeater sites and one building within each jurisdiction. This project will provide interconnectivity among a total of 21 law enforcement, fire/emergency medical services, tribal public safety, and emergency management agencies in the specified region. The microwave backbone will be able to support any network operating on VHF, UHF, 700 MHz, 800 MHz, VoIP, RoIP, IP data, and broadband and narrowband systems, greatly enhancing connectivity between the aforementioned jurisdictions.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 259,007
Non-Federal Match Amount:	$ 64,752
Total Project Cost:	**$ 323,759**

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

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. Nevada chose not to allocate its PSIC funds in this manner.

New Hampshire (NH)

PSIC Federal Award: $5,966,760

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Fixed Asset Redundancy—Strategic Technology Reserve (STR)	$515,000
Statewide Coordination of Frequencies Standardization	$1,500,000
Training	$1,000,000
Backbone Infrastructure Redundancy	$2,801,760
Gateways—Fixed	$150,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$5,966,760**

Pass Through: The State of New Hampshire entered into Memoranda of Understanding with local public safety agencies. The agreements authorize the State to expend PSIC grant funding on behalf of these jurisdictions.

Strategic Technology Reserve (STR): New Hampshire received a partial STR waiver after demonstrating that it has implemented an STR and has a higher priority communications need – the build-out of the existing statewide system. The State of New Hampshire will use a portion of the PSIC STR set aside in the amount of $12,117 to further enhance its existing STR.

Investments

Fixed Asset Redundancy—Strategic Technology Reserve (STR)

Federal Amount:	$ 515,000
Non-Federal Match Amount:	$ 158,000
Total Project Cost:	**$ 673,000**

98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State often experiences severe weather (e.g., flooding, ice, and/or high wind storms) during the fall and winter seasons that often lead to disruptions in radio communications. Complete failure of the existing system would lead to a statewide loss of interoperable communications capabilities. New Hampshire has invested in and maintains two major interoperable communications vehicles, a number of mobile gateways, and several radio caches. Only $12,117 of this Investment will be used to further enhance the STR with deployable cache technology and to develop standard operating procedures for the current solution. The other portion of the Investment will be used for the purchase of fixed assets to supplement the current backbone infrastructure. With these fixed assets (i.e., critical radio links, microwave point-to-point paths, and emergency transmitters), the State has components for rapid replacement of the backbone and has built in redundancy into the systems to re-establishing communications in the event of system failure. With the partial waiver and current STR enhancements, this Investment satisfies the PSIC 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.

Statewide Coordination of Frequencies Standardization

Federal Amount:	$ 1,500,000
Non-Federal Match Amount:	$ 300,000
Total Project Cost:	**$ 1,800,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently New Hampshire's law enforcement, fire, and emergency medical services (EMS) agencies do not have the same frequencies installed on their radios. This Investment will reprogram all radios with a standard code plug, one each for law enforcement, fire, and EMS. The standardized frequencies will establish statewide interoperability with State and locals units, and with any agencies from outside the State that provide assistance. This Investment will result in standardized channels for each discipline, set-aside local channels, and enhanced interoperability between the Incident Management Center in Concord and dispatch centers across the State.

Training

Federal Amount:	$ 1,000,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,000,000**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State does not currently have an interoperability training plan for public safety personnel and technicians. This Investment will fund development of a detailed plan for designing and implementing training and exercise programs and will focus on communications and interoperability and equipment training. The State will ensure a unified curriculum and the dissemination of available resources to all first responders. The Investment will also provide for the resources for program maintenance. Through this Investment, the State will establish an Interoperability Coordinator and create a review process for training programs.

Backbone Infrastructure Redundancy

Federal Amount:	$ 2,801,760
Non-Federal Match Amount:	$ 1,179,000
Total Project Cost:	**$ 3,980,760**

96%* Acquisition & Deployment	**4%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of New Hampshire encounters gaps in its communications coverage due to the State's challenging terrain. The State proposes to procure and deploy infrastructure assets consisting of advanced technology microwave interconnect equipment, which will add supplementary interconnect links and flexibility to the backbone infrastructure. The backbone infrastructure allows the State of New Hampshire to provide a common platform for a VHF interoperability network for multiple first responder agencies, and the expansion of it will fill gaps in the infrastructure interconnect system. Overall, this Investment increases the reliability and availability of an existing statewide interoperability backbone infrastructure.

Gateways—Fixed

Federal Amount:	$ 150,000
Non-Federal Match Amount:	$ 30,000
Total Project Cost:	**$ 180,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, agencies cannot communicate with units outside the State's two metropolitan areas, which operate on the 800 megahertz (MHz) band. This Investment will establish fixed gateways that will allow units operating on VHF frequencies to directly access trunked talk groups within the two 800 MHz systems. VHF base stations would be installed at the 800 MHz trunking sites and be integrated with the system controllers to allow for a direct interface. This will allow agencies outside of the State's two metropolitan areas to communicate with units inside those areas. This Investment will enable interoperability between multi-disciplinary public safety agencies within and outside the metropolitan areas.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 0
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 0**

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. New Hampshire, however, chose not to allocate its PSIC funds in this manner.

Statewide Planning

Federal Amount	$ 0

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. New Hampshire, however, chose not to allocate its PSIC funds in this manner.

New Jersey (NJ)

PSIC Federal Award: $30,806,646

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)—Deployable Systems	$2,726,267
Radio Caches—Strategic Technology Reserve (STR) in Certain Counties	$1,285,000
New Jersey Interoperability Communications System—Gateway Network	$3,004,600
Regional Repeater Deployment	$3,390,000
Incident Commanders Data Communications System	$1,479,280
Project 25 (P25) 700 Megahertz (MHz) Trunked Radio System	$16,697,300
Port Authority Trans Hudson (PATH) Interoperability System	$1,000,000
Management and Administration (M&A)	$924,199
Statewide Planning	$300,000
Total PSIC Award	**$30,806,646**

Pass Through: The New Jersey Office of Homeland Security and Preparedness entered into Memoranda of Understanding with the local counties. The agreements authorize the New Jersey Office of Homeland Security and Preparedness to expend PSIC Grant Funding on behalf of these counties.

Strategic Technology Reserve (STR): New Jersey allocated $2,726,267 to its STR Investment.

Investments

Strategic Technology Reserve (STR) — Deployable Systems

Federal Amount:	$ 2,726,266
Non-Federal Match Amount:	$ 562,500
Total Project Cost:	**$ 3,288,766**

86%* Acquisition & Deployment	**8%** Training & Exercise	**6%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will address the need for a stand-alone deployable radio communications system within the State of New Jersey. The State will purchase two communication sites-on-wheels (SOW) with accompanying caches of portable radios to provide backup and redundant communications in the event critical infrastructure is damaged or destroyed. The SOWs are self-contained and transportable, and equipped with their own generators, fuel, erectable tower, and antenna systems. The SOWs will utilize a 700 MHz Project 25 (P25) trunking protocol to maximize the number of talkgroups available and will use conventional mutual aid frequencies to facilitate a coordinated response. This Investment will also fund the development of a training program for all users, including Communications Unit Leaders (COML), and Communications Unit Technicians (COMT). This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to re-establish communications when critical communications infrastructure is damaged or destroyed.

Radio Caches—STR in Certain Counties

Federal Amount:	$ 1,285,000
Non-Federal Match Amount:	$ 280,000
Total Project Cost:	**$ 1,565,000**

90%* Acquisition & Deployment	**8%** Training & Exercise	**2%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Fifteen counties in the State of New Jersey have been provided a cache of Project 25 (P25) capable radios and three P25 capable suitcase repeaters each. Six counties have not received a cache of radios. This Investment will enable the State to purchase and distribute 200 VHF, 200 UHF, and 200 800 MHz P25 capable radios, chargers, batteries and accessories for use by each of the six counties in the event of an emergency. Each county will receive approximately 33 radios that are able to operate in each of the three frequency bands. Training will be included for all cache radio operators, Communications Unit Leaders (COML) and Communications Unit Technicians (COMT). This Investment provides a distribution of standardized equipment throughout the counties, improves interoperability for all users, and satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to re-establish communications when critical communications infrastructure is damaged or destroyed.

New Jersey Interoperability Communications System—Gateway Network

Federal Amount:	$ 3,004,600
Non-Federal Match Amount:	$ 569,000
Total Project Cost:	**$ 3,573,600**

80%* Acquisition & Deployment	**13%** Training & Exercise	**7%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of New Jersey is planning the construction of stand-alone repeaters and base stations that can use national and statewide Mutual Aid Calling and Tactical frequencies in the VHF, UHF, and 800 MHz bands. In many cases, these stand-alone systems are not connected to any central regional control point. Regional control points have the capability to set up patches or other connections to create regional interoperability networks or patches to local jurisdiction frequencies. This Investment will implement a network of gateways that will enable interoperable communications between regional and State police dispatch centers using Voice over Internet Protocol (VoIP). Training for system users, managers, dispatchers, Communications Unit Leaders (COML), and Communications Unit Technicians (COMT) will be provided. This Investment will create a network that first responders can access, regardless of frequency band or signaling protocol, and enable multi-disciplinary and multi-jurisdictional interoperability between first responders for any incident. It will also provide voice interoperability between regional and State dispatch centers and wide-area coverage to increase the use of mutual aid frequencies. Lastly, this Investment will provide the capacity to interoperate with the New Jersey National Guard and interconnect with a similar network being installed in the Delaware River region that will enable interoperability between New Jersey, Pennsylvania, and Delaware.

Regional Repeater Deployment

Federal Amount:	$ 3,390,000
Non-Federal Match Amount:	$ 720,000
Total Project Cost:	**$ 4,110,000**

88%* Acquisition & Deployment	**5%** Training & Exercise	**7%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of New Jersey is planning the construction of stand-alone repeaters and base stations using national and statewide Mutual Aid Calling and Tactical frequencies in the VHF, UHF, and 800 MHz bands. New Jersey is using PSIC funds to establish a gateway network to interconnect these base stations to create a statewide Internet Protocol (IP)-based system. Currently, New Jersey does not have enough base stations installed outside the UASI region to make this system viable. This Investment will allow the State to procure at least eight base stations and associated antenna systems for each gateway unit. These base stations will build-out the infrastructure in the non-Urban Area Security Initiative (UASI) areas of the State and create a viable statewide Internet Protocol (IP)-based network that can support Mutual Aid Calling and Tactical frequencies in VHF, UHF, and 800 MHz bands. The State will provide training on the use of the gateways. This Investment will expand coverage and enable interoperability among responders and users operating on varying frequencies through the use mutual aid frequencies operating on a statewide IP-based system.

Incident Commanders Data Communications System (ICDCS)

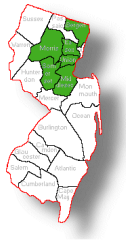
Federal Amount:	$ 1,479,280
Non-Federal Match Amount:	$ 225,820
Total Project Cost:	**$ 1,705,100**

66%* Acquisition & Deployment	**16%** Training & Exercise	**18%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the State does not have a mobile system that allows intelligence and information to be shared among the local Incident Commanders. To improve information sharing among local Incident Commanders at the scene of the incident, the State will provide a mobile interoperable data communications system that will provide Incident Commanders access to the Emergency Preparedness Information Network system (EPINet). Two EPINet Incident Commander Access Systems (EICAS) will be provided for each county for use by Incident Commanders. This web-based system provides access to all critical databases through a common website, sharing access to data through interoperable channels in the field and for Incident Command. In addition, system training, exercises, and drills will be conducted as systems are delivered and brought on-line. This Investment is expected to result in greater information sharing of data and intelligence at the scene of an incident, enhancing public safety communications and response capabilities available to Incident Commanders.

P25 700 MHz Trunked Radio System



Federal Amount:	$ 16,697,300
Non-Federal Match Amount:	$ 3,875,000
Total Project Cost:	**$ 20,572,300**

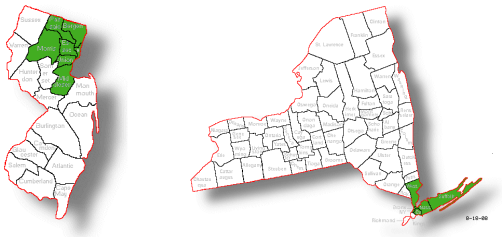
94%* Acquisition & Deployment	**3%** Training & Exercise	**3%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Northern New Jersey is the most densely populated region of the State. Over 150 public safety agencies with over 350 radio systems operate in the region. There is limited ability to communicate across jurisdictions and disciplines. Currently, public safety agencies operate on a mix of VHF, UHF, and 800 MHz systems using conventional trunked and P25 Common Air Interface (CAI). Coverage of local systems is often limited to the local jurisdictions they support. This Investment provides funding for a new Project 25 (P25) 700/800 MHz regional trunked radio system with the capacity and coverage to serve all first responders in the region. The system will use existing tower, microwave, and resources available from the State and local systems wherever possible. Training programs will be developed to ensure a high level of user competence and acceptance. The Investment will result in a single system covering the Northern New Jersey region and the New Jersey Tier 1 UASI area, serving first responders, State agencies, counties, municipalities, the Port Authority of New and New Jersey, and nongovernmental agencies. The system will create a standards-based shared system that can interface with existing systems and expand for further build-out throughout the State. This Investment will provide a means to achieve the highest level of interoperability for the region.

Port Authority Trans Hudson (PATH) Interoperability System

Federal Amount:	$ 1,000,000
Non-Federal Match Amount:	$ 250,000
Total Project Cost:	**$ 1,250,000**



84%* Acquisition & Deployment	**8%** Training & Exercise	**8%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the Port Authority Police is the only first responder agency that maintains permanent communications capabilities at the subterranean level within the Port Authority Trans Hudson (PATH) Railroad system. For any type of emergency response, first responder agencies must "buddy up" with a Port Authority Police officer equipped with VHF radio. For any incident that is mid-tunnel under the Hudson River, New York City and New Jersey responders have no way to communicate with one another at the subterranean level or with the Port Authority Police Department. This Investment seeks to supply the Port Authority Police, NYPD, the Fire Department of New York (FDNY), and other first responder agencies throughout the New York City and New Jersey Urban Area with a shared system for interoperable communications and builds upon the existing Port Authority 800 MHz system. The geographic area covered by this Investment includes the New York City SUASI and the Jersey City/Newark Area SUASI.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 924,199
Non-Federal Match Amount:	$ 231,050
Total Project Cost:	**$ 1,155,249**

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	$300,000

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.

New Mexico (NM)

PSIC Federal Award: $8,288,725
(Awarded September 30, 2007)

Summary

Investments are pending approval.

New York (NY)

PSIC Federal Award: $60,734,783

(Awarded September 30, 2007)

Summary

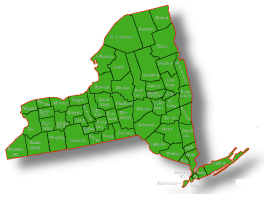
PSIC Investment Justification	Federal Funds
New York State Strategic Technology Reserve (STR)	$4,703,820
Region 1: Monroe, Wayne, and Seneca Counties	$5,377,959
Region 2: City of Watertown and Tompkins and Rockland Counties	$1,569,600
Region 3: Orange and Ontario Counties	$1,821,060
Region 4: Erie County	$1,612,439
Region 5: Otsego and Allegany Counties	$2,035,916
Metropolitan Transit Authority (MTA)/New York City Transit Authority (NYCTA) Interoperable Radio Network	$26,312,602
Port Authority Trans Hudson (PATH) Interoperability System	$1,000,000
New York City Urban Area Regional Internet Protocol (IP) Gateway and Radio Cache	$7,500,000
Technical Interoperability Project (TIP)	$6,913,800
Management and Administration (M&A)	$1,475,587
Statewide Planning	$412,000
Total PSIC Award	**$60,734,783**

Pass Through: The State of New York fulfilled the PSIC Grant Program's 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): New York allocated $4,703,820 to its STR Investment.

Investments

New York State Strategic Technology Reserve (STR)



Federal Amount:	$ 4,703,820
Non-Federal Match Amount:	$ 1,150,955
Total Project Cost:	**$ 5,854,775**

98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

A critical communications failure would severely limit the ability of the State to quickly and effectively respond to an incident. This Investment will establish a statewide Strategic Technology Reserve (STR) by purchasing six communications vehicles equipped with interoperable communications equipment [(i.e., cache of radios, portable tower, generator, satellite solution, cellular phone, and Voice over Internet Protocol (IP)] that will be pre-positioned in the State Emergency Management Office geographic regions. In addition, the Investment will improve interoperability by allowing the vehicles to provide mobile interoperable communications in remote areas. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Region 1: Monroe, Wayne, and Seneca Counties

Federal Amount:	$ 5,377,959
Non-Federal Match Amount:	$ 1,344,489
Total Project Cost:	**$ 6,722,448**

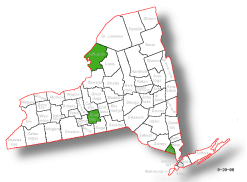
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Six Western New York State counties of Genesee, Livingston, Monroe, Ontario, Orleans, and Wayne operate on different frequencies and use different technologies. This Investment will fund a major regional enhancement by using designated national calling, tactical channels and National Public Safety Planning Advisory Committee (NPSPAC) channels to interoperate. Each county will install and incorporate appropriate equipment to facilitate voice communications on identified frequencies into their infrastructure and 911 Centers, along with adding portable radios configured for each county to facilitate patching and interoperable capabilities with other agencies. This Investment will provide interoperability for 49 emergency response agencies in the region.

Region 2: City of Watertown and Tompkins and Rockland Counties

Federal Amount:	$ 1,569,600
Non-Federal Match Amount:	$ 392,400
Total Project Cost:	**$ 1,962,000**



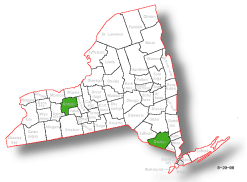
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Presently, first responders lack rapid system capability to communicate with regional and statewide systems and other discipline operating on a variety of VHF, UHF, and 800 MHz. This Investment addresses these interoperable communications challenges in Tompkins and Rockland Counties. The Tompkins County Department of Emergency Response will acquire, install, and implement a radio gateway unit that will bridge trunked and conventional radio frequencies to establish communications interoperability between multiple jurisdictions and disciplines. In Jefferson County, first responders will analyze current communications deficiencies and implement the development of a detailed plan to address those deficiencies by acquiring technologically advanced hardware and software that will improve efficiency in the VHF spectrum. The system will address first responder communications needs and provide the ability to communicate in real-time.

Region 3: Orange and Ontario Counties

Federal Amount:	$ 1,821,060
Non-Federal Match Amount:	$ 427,515
Total Project Cost:	**$ 2,248,575**



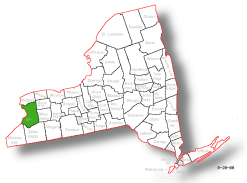
87%* Acquisition & Deployment	**2%** Training & Exercise	**11%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment seeks to address the numerous gaps that hamper interoperable communications in Orange and Ontario Counties. These gaps result from such factors as topography, spectrum constraints, severe weather conditions, and the use of multiple frequency bands. In Orange County, this Investment will fund the installation of a communications tower, antenna, and base stations. The focus in Ontario County will be the interface with the Statewide Wireless Network (SWN) through IP-based gateways. This Investment will facilitate partnerships between multiple jurisdictions and disciplines to improve public safety communications throughout these two counties that are experiencing similar problems. In addition, this Investment will acquire and deploy communications equipment, as well as retain consultant services to assist with system planning, coordination, and training.

Region 4: Erie County

Federal Amount:	$ 1,612,439
Non-Federal Match Amount:	$ 403,110
Total Project Cost:	**$ 2,015,549**



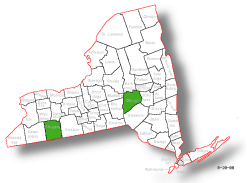
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment seeks to address interoperability challenges in Erie County, including lack of coverage and multiple frequency bands. Volunteer fire service in southern Erie County operates on a low band radio system that is more than 50 years old and lacks adequate coverage. The Erie County Sheriff's Office's radio system is more than 30 years old and also has limited coverage. Law enforcement agencies in the county use a mix of UHF and VHF systems, and there is a lack of dedicated public safety radio spectrum and interoperability channels. Currently, most agencies rely on gateways, radio swapping, and message relaying through dispatchers. This Investment installs a Project 25 (P25) communication system that will allow interoperability between first responders and eventually connect into the SWN. The Investment will result in enhanced communications capabilities among 53 agencies and will allow for multi-jurisdictional and multiagency responses. The geographic area covered by this Investment includes the Buffalo Area Urban Area Security Initiative (UASI).

Region 5: Otsego and Allegany Counties

Federal Amount:	$ 2,035,916
Non-Federal Match Amount:	$ 506,979
Total Project Cost:	**$ 2,542,895**



99%* Acquisition & Deployment	**<1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Otsego County currently operates on outdated emergency services telecommunications system shelters. This Investment will provide for the upgrade and replacement of these shelters with reliable mission critical infrastructure and the system's microwave backbone with interoperable broadcast technology. Currently, Allegany County has limited interoperability coordination among its multiple fire, ambulance, emergency medical services, and police agencies, as well as between its Office of Emergency Services and Law Enforcement Response Team. Moreover, the county's communications system is fragmented into four main divisions that cannot consistently communicate with one another. Allegany County's voice and data communication system will begin with the build-out of the current IP microwave wireless local area network (WLAN). The resulting network will provide IP connectivity between all central and remote tower sites. This Investment will provide for seamless communications across all public safety frequency bands in each county.

Metropolitan Transit Authority (MTA)/New York City Transit Authority (NYCTA) Interoperable Radio Network

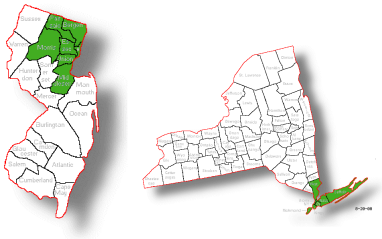
Federal Amount:	$ 26,312,602
Non-Federal Match Amount:	$ 5,734,401
Total Project Cost:	**$ 32,047,003**

89%* Acquisition & Deployment	**0%** Training & Exercise	**11%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the Transit Bureau of the New York City Police Department (NYPD) is the only first responder agency that maintains permanent VHF communications capabilities at the subterranean level in all New York City UASI jurisdictions. All other first responder agencies, including non-transit police, must swap radios or depend on shared simplex channels for interoperable, subterranean emergency communications. This Investment will provide law enforcement, fire services, and Federal and State incident response personnel with a shared UHF communications system to communicate at the subterranean level. This Investment builds upon core infrastructure and will enable the Transit Bureau of the NYPD to communicate with other first responders. An MOU will be drafted between NYC and MTA to guide agreements on how agencies will work together. Stakeholders will include the NYPD, FDNY, Mayor's Office, DoITT, NYC Law Department, OMB, and MTA. The geographic area covered by this Investment includes the New York City Area Super Urban Area Security Initiative (SUASI), as well as the Jersey City/Newark Area SUASI.

Port Authority Trans Hudson (PATH) Interoperability System



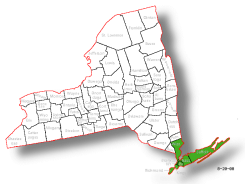
Federal Amount:	$ 1,000,000
Non-Federal Match Amount:	$ 200,000
Total Project Cost:	**$ 1,200,000**

84%* Acquisition & Deployment	**8%** Training & Exercise	**8%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the Port Authority Police is the only first responder agency that maintains permanent communications capabilities at the subterranean level within the Port Authority Trans Hudson (PATH) Railroad system. For any type of emergency response, first responder agencies must "buddy up" with a Port Authority Police officer equipped with VHF radio. For any incident that is mid-tunnel under the Hudson River, New York City and New Jersey responders have no way to communicate with one another at the subterranean level or with the Port Authority Police Department. This Investment seeks to supply the Port Authority Police, NYPD, the Fire Department of New York (FDNY), and other first responder agencies throughout the New York City and New Jersey Urban Area with a shared system for interoperable communications and builds upon the existing Port Authority 800 megahertz (MHz) system. The Port Authority Office of Emergency Management will have the lead in coordinating the updating of emergency plans. The plans will include the new communications capability and conducting exercises and training evolutions with first responder agencies in New York City and New Jersey. The geographic area covered by this Investment includes the New York City SUASI and the Jersey City/Newark Area SUASI.

New York City Urban Area Regional Internet Protocol (IP) Gateway and Radio Cache



Federal Amount:	$ 7,500,000
Non-Federal Match Amount:	$ 1,875,000
Total Project Cost:	**$ 9,375,000**

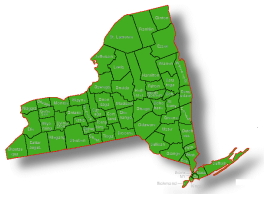
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The City of New York currently operates on legacy communications systems with disparate frequency bands. This Investment will build a regional IP gateway to integrate legacy systems and deploy a radio cache, resulting in increased interoperability among first responders. The geographic area covered by this Investment includes the New York City Area SUASI and the Jersey City/Newark Area SUASI.

Technical Interoperability Project (TIP)

Federal Amount:	$ 6,913,800
Non-Federal Match Amount:	$ 1,860,072
Total Project Cost:	**$ 8,773,872**



98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment seeks to achieve cross-band interoperable communications because the State's disparate communications systems pose a significant threat to effective interoperable communications in case of a major disaster. This Investment will implement a training and exercise program to equip users with the required knowledge, skills, tools, and techniques to communicate effectively across disparate systems and jurisdictions. Furthermore, the State will acquire and deploy a variety of equipment, including land mobile radio (LMR) interoperable communications gateways and a cache of portable LMR radios. The gateways will deliver intraregional, interoperable voice and data communications, and provide connectivity to the SWN. The portable radios will be P25-compliant, support dual band operations in the 700 and 800 MHz bands, and be equipped with batteries capable of sustaining continuous operation for at least 10 hours without recharging.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 1,475,587
Non-Federal Match Amount:	$ 368,897
Total Project Cost:	**$ 1,844,484**

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	$412,000

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.

North Carolina (NC)

PSIC Federal Award: $22,130,199

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR) – Improvements and Augmentation of Current Deployable Assets	$1,350,000
Expansion of VIPER 800 MHz Infrastructure	$20,073,946
The Enhancement of Interoperable Communications with Bridging and Patching Equipment in Areas Where VIPER (800 MHz) Alone Will Not Be a Total Solution for the Region	$275,000
Enhancement of Control Center Communications Capabilities	$359,551
Management and Administration (M&A)	$66,702
Statewide Planning	$5,000
Total PSIC Award	**$22,130,199**

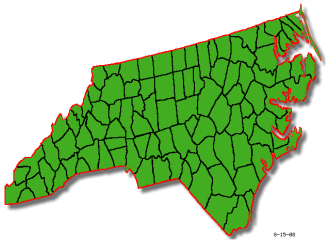
Pass Through: The North Carolina Division of Emergency Management entered into Memoranda of Understanding with local counties. The agreements authorize the North Carolina Division of Emergency Management to expend PSIC grant funding on behalf of these jurisdictions for the management of the VIPER 800 MHz Expansion project.

Strategic Technology Reserve (STR): North Carolina submitted a written partial STR waiver request based on the fact that North Carolina has invested previously in efforts to establish an STR. The State currently maintains adequate mobile and deployable communications resources (e.g., mobile communications towers, deployable cache radio trailers, generators, radio chargers) to reestablish communications if existing critical infrastructure is damaged, and was therefore granted a partial waiver.

Investments

Strategic Technology Reserve (STR) – Improvements and Augmentation of Current Deployable Assets

Federal Amount:	$ 1,350,000
Non-Federal Match Amount:	$ 337,500
Total Project Cost:	**$ 1,687,500**



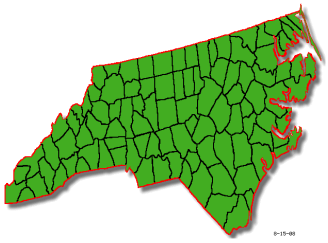
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Recent natural disasters have exposed the vulnerability of North Carolina's local communications infrastructure and demonstrated the need for a reliable backup system. This Investment will assist North Carolina in providing each of the seven Domestic Preparedness and Response Regions (DPRR) with one portable tower and related equipment, including VHF/UHF/800MHz conventional repeaters, a gateway, radios, and a generator. In addition, each DPRR will receive a customized trailer containing a radio cache. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Expansion of VIPER 800 MHz Infrastructure

Federal Amount:	$ 20,073,946
Non-Federal Match Amount:	$ 5,018,486
Total Project Cost:	**$ 25,092,432**

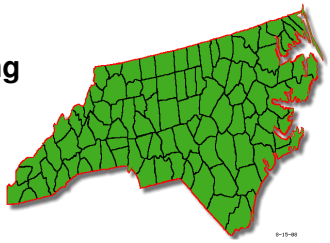


100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Many of North Carolina's 101 jurisdictions are utilizing legacy communications systems that are antiquated and do not address capacity and coverage needs. Those systems do not afford users the ability to communicate with other disciplines or agencies during responses. North Carolina has begun the development and implementation of the Voice Interoperability Project for Emergency Responders (VIPER) to improve interoperable communications across the State. This Investment supports the expansion of the VIPER project by constructing communications towers in 34 NC Jurisdictions. This Investment seeks to continue to build and expand on the 800 MHz infrastructures, making it easier and more advantageous for first responder agencies to connect to and use a single, uniform system. The development and construction of these new radio tower sites will assist in producing a radio system with statewide coverage. It will also provide the communications backbone needed for public safety agencies to communicate with each other using a single, common radio system.

The Enhancement of Interoperable Communications with Bridging and Patching Equipment in Areas Where VIPER (800 MHz) Alone Will Not Be a Total Solution for the Region



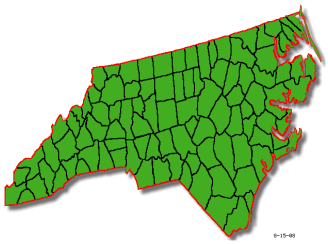
Federal Amount:	$ 275,000
Non-Federal Match Amount:	$ 68,750
Total Project Cost:	**$ 343,750**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Due to technical difficulties caused by geography, numerous North Carolina agencies use different radio frequencies, causing a lack of seamless communications across the State. North Carolina seeks to quickly improve the lack of communication between legacy communications systems operated by Federal, State and local agencies, by providing interconnections between the different radio frequency bands. Interconnect systems allow radios to communicate even if they are on different frequencies or have the same frequency band but different protocols. These systems can link emergency responders using an older legacy radio system with responders using a newer technology or radios from a different vendor. This Investment looks to connect VHF, UHF, and 800 MHz radios by providing agencies with bridging and patching equipment in areas where VIPER (800 MHz) is not currently a comprehensive solution for the region.

Enhancement of Control Center Communications Capabilities



Federal Amount:	$ 359,551
Non-Federal Match Amount:	$ 89,887
Total Project Cost:	**$ 449,438**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Many State agencies in North Carolina do not have the capability to communicate directly with other public safety entities due to limited access to mobile 800 MHz radios. Equipment within communications centers and control stations is often shared and limited to one conversation at a time. In addition, communications within the centers can be limited due to the number of talk groups programmed into a single radio. Until the strategic solution has been fulfilled throughout the State, numerous agencies need 800MHz radio consoles and consolettes to grant them appropriate access to the VIPER Network. This Investment seeks to provide 2 consoles for the North Carolina Division of Emergency Management and 45 consolettes to local jurisdictions.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 66,702
Non-Federal Match Amount:	$ 13,340
Total Project Cost:	**$ 80,042**

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	$ 5,000

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.

North Dakota (ND)

PSIC Federal Award: $7,052,490

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Gateway Equipment - Strategic Technology Reserve (STR)	$546,205
Local/Tribal Interoperable Communications	$5,205,028
State Radio Interoperable Communications Infrastructure	$548,480
North Dakota Signal Operating Instructions, Frequency Management Plan, and Standard Response Protocols	$500,000
Management and Administration (M&A)	$211,575
Statewide Planning	$41,202
Total PSIC Award	**$7,052,490**

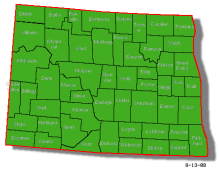
Pass Through: The State of North Dakota fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal government bodies or authorized nongovernmental public safety agencies.

Strategic Technology Reserve (STR): North Dakota allocated $546,205 to its STR Investment.

Investments

State-level Match Amount: $278,671

Gateway Equipment — Strategic Technology Reserve (STR)



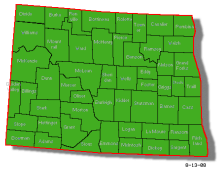
Federal Amount:	$ 546,205
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 546,205**

89%* Acquisition & Deployment	**11%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, North Dakota has already invested in some equipment through the Civil Support Team communications unified command suite vehicles, which includes portable antenna system, mast, internet connection, telephones, and fax lines. However, local public safety agencies in North Dakota have equipment that is incompatible with many State or Federal agencies, hindering communication during mutual aid events. This Investment will enable the State to deploy gateways in the State's four quadrants to interconnect disparate communications systems within and between those regions. The Investment will enable a communication link to every county and will provide a link to first responders and secondary response agencies (e.g., private ambulance, power companies), as well as Canadian, Federal, and State agencies. This Investment satisfies the PSIC Program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Local/Tribal Interoperable Communications



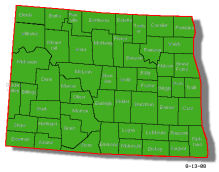
Federal Amount:	$ 5,205,028
Non-Federal Match Amount:	$ 1,251,257
Total Project Cost:	**$ 6,456,285**

97%* Acquisition & Deployment	**3%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

North Dakota is currently operating on an outdated and obsolete analog communications system. This Investment addresses local and tribal communications equipment needs as defined in the North Dakota Department of Emergency Services Needs Assessment. With PSIC funding, the State will acquire Project 25 (P25) portable and mobile radios, base stations, repeaters (in-car and fixed), radio consoles, and antenna/tower systems, which will increase interoperability and reliability in emergency communications amongst first responders from all disciplines and between local and tribal jurisdictions. Overall, this Investment addresses first responder equipment and training needs, upgrades the State's antiquated system from analog to digital, establishes a uniform frequency plan, and creates the foundation for future efforts to transition the State to a modern, coordinated digital communications system.

State Radio Interoperable Communications Infrastructure



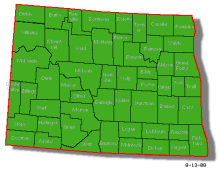
Federal Amount:	$ 548,480
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 548,480**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Stark/Morton Area Tactical Interoperable Communications Plan Validation Exercise exposed gaps in North Dakota's first responders' ability to communicate effectively after an incident. In response to these findings and to the critical need for improvements to its aging communications system, North Dakota embarked on a larger statewide initiative to improve interoperability across the State through proposed upgrades to its tower network. The initiative is expected to expand coverage and increase interoperability and will transition its communications system from analog to digital. This Investment provides for the retrofitting of 40 towers with new equipment to accommodate digital transmission, as well as upgrades to its central site to enable interoperability. The Investment will transition North Dakota's emergency communications systems into a modern, coordinated, interoperable system that is necessary to respond to and mitigate major incidents of disasters.

North Dakota Signal Operating Instructions, Frequency Management Plan, and Standard Response Protocols



Federal Amount:	$ 500,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 500,000**

16%* Acquisition & Deployment	**12%** Training & Exercise	**72%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

In its Statewide Communications Interoperability Plan (SCIP), North Dakota identified a need for standard response protocols and signal operating instructions. The current frequency management plan does not encompass all frequencies in use across the State. This Investment will enable the State to develop a frequency management plan that identifies all statewide frequencies in use, as well as standard response protocols and standard signal operating instructions. Additionally, the Investment will fund a training program to educate first responders on frequency use and standard response protocols to enhance interoperability and foster cooperation and coordination among public safety and emergency response personnel.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 211,575
Non-Federal Match Amount:	$ 52,894
Total Project Cost:	**$ 264,469**

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	$ 41,202

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.

Ohio (OH)

PSIC Federal Award: $29,377,337

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Interoperable Communications Vehicle Enhancement—Strategic Technology Reserve (STR)	$176,000
Expand/Upgrade Multi-Agency Radio Communication System (MARCS) 800 Megahertz (MHz) System	$5,337,753
Northwest Ohio Regional Radio Project (NWORRP)	$11,506,371
Henry County (Rural Northwest Ohio) Incident Command	$383,220
Stark County and Canton City 800 MHz Radio System Merge	$2,704,000
Delaware County Combined 800 MHz Radio System	$1,529,000
Lake County Interoperable Communications Project	$1,920,000
Cuyahoga Multi-Agency Radio Communications System	$4,852,160
Meigs County Incident Command Enhancement	$50,400
Carroll County Incident Command	$778,433
Management and Administration (M&A)	$140,000
Statewide Planning	-
Total PSIC Award	**$29,377,337**

Pass Through: The State of Ohio fulfilled the PSIC Grant Program's 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): The State of Ohio submitted a written request for a partial waiver of the STR requirement. The State demonstrated that it has several mobile communications vehicles that serve as replacements or operate as stand-alone sites to provide communications in an area where systems are inoperable. The State will spend $176,000 of the original apportioned STR funds ($2,275,232) to the Interoperable Communications Vehicle Enhancement Investment.

Investments

Interoperable Communications Vehicle Enhancement—Strategic Technology Reserve (STR)

Federal Amount:	$ 176,000
Non-Federal Match Amount:	$ 44,000
Total Project Cost:	$ 220,000

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Each of Ohio's eleven interoperable communications vehicles was designed to provide emergency communications support to all first responder disciplines. Vehicles are used in emergencies, exercises and special events. After several deployments, operational shortfalls were identified, including limited portable coverage in some areas. This Investment enhances Ohio's Strategic Technology Reserve (STR) capability by installing in-band 700/800 MHz repeater and antenna systems into all interoperable communications vehicles. This installation will provide 700/800 MHz band coverage in remote areas and improve portable coverage by reducing dead zones. 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.

Expand/Upgrade Multi-Agency Radio Communication System (MARCS) 800 Megahertz (MHz) System

Federal Amount:	$ 5,337,753
Non-Federal Match Amount:	$ 1,334,439
Total Project Cost:	$ 6,672,192

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Ohio's statewide system, Multi-Agency Radio Communications System (MARCS), is nearing capacity. This Investment proposes to upgrade the current infrastructure to a Project 25 (P25) 700/800 megahertz (MHz) platform to increase system and spectrum capacity necessary to support additional radios and talkgroups. The MARCS expansion will improve public safety interoperability in the State by enhancing connectivity between current and future subscribers. Through this Investment, MARCS will also be able to seamlessly join the 7.x platform being finalized in the Lucas County/Toledo area with the Butler County area and the planned build-out in the Cleveland/Cuyahoga County and northeastern shore areas.

Northwest Ohio Regional Radio Project (NWORRP)

Federal Amount:	$ 11,506,371
Non-Federal Match Amount:	$ 2,876,592
Total Project Cost:	$ 14,382,963

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Northwest Ohio Regional Radio Project (NWORRP) incorporates seven counties and over 143 public safety agencies. Currently, this region uses analog VHF legacy systems and experiences frequent coverage lapses and interference. When incidents occur within the region, VHF channels are quickly overwhelmed. In addition, when agencies outside of the area respond, there is an urgent need for common frequencies and compatible radios that hinders their ability to communicate and coordinate a response. This Investment will enable the integration of the seven northwest counties into the statewide MARCS system, resulting in the roll out of a 700/800 MHz digital trunked system for all of the counties in the NWORRP and the swapping of VHF radios with 700/800 Project 25 (P25) radios. This solution will enhance interoperability by providing seamless coverage across the region, compatibility with subscriber equipment, and connectivity with the statewide system.

Henry County (Rural Northwest Ohio) Incident Command

Federal Amount:	$ 383,220
Non-Federal Match Amount:	$ 95,805
Total Project Cost:	$ 479,025

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, there is a single tower located in the north-central portion of the County that does not provide adequate coverage for the area, utilizing the current VHF Analog Simplex system. Usage of the system beyond ten miles of the tower requires mobile radios. Therefore, mobile radios are used for the majority of this rural County's emergency communications, which causes overload of the current VHF analog channel and frequent on-channel and co-channel interference. This Investment will provide for the migration of the Henry County system to the statewide system (MARCS). Specifically, the funds will be used to upgrade the MARCS towers, upgrade dispatch consoles, and purchase new mobile/portable radios to enhance communications capabilities and capacity. Additionally, the Investment will allow Henry County to connect with NWORRP and strengthen interoperability throughout the region.

Stark County and Canton City 800 MHz Radio System Merge

Federal Amount:	$ 2,704,000
Non-Federal Match Amount:	$ 676,000
Total Project Cost:	$ 3,380,000

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Canton City and Stark County operate on two separate simulcast systems. Due to the inefficiencies of operating on two separate systems and the limitations of adding additional 800 MHz channels, the State is using this Investment to combine the systems into one simulcast cell, consisting of ten tower sites and twelve 800 MHz digital channels. This Investment will improve interoperability between all Stark County agencies, and users of the statewide system (MARCS), as well as public safety agencies in the surrounding counties. As a result, all public safety and law enforcement agencies will be able to communicate via a single radio band within and between all communities off the I-77 corridor.

Delaware County Combined 800 MHz Radio System

Federal Amount:	$ 1,529,000
Non-Federal Match Amount:	$ 382,250
Total Project Cost:	$ 1,911,250

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Delaware County operates on a county-wide digital 800 MHz radio system with the City of Dublin operating on a separate 800 MHz system and the City of Worthington operating on a three-channel analog system. This Investment will combine the four 800 MHz frequencies used by Dublin and the three 800 MHz frequencies used by Worthington into a single 700/800 MHz, three-site, seven-frequency, simulcast P25 standards-based digital voice system. This simulcast system will be linked with the Delaware County 800 MHz P25 standards-based system and will be able to interface with the statewide radio system (MARCS) and adjacent counties. This Investment will increase capacity, interoperability, and collaboration for multi-disciplinary agencies in cities and neighboring counties across the region, as well as allow connectivity to State and regional systems to improve public safety communications.

Lake County Interoperable Communications Project

Federal Amount:	$ 1,920,000
Non-Federal Match Amount:	$ 480,000
Total Project Cost:	**$ 2,400,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Lake County currently operates on an 800 MHz analog/digital radio system for public safety agencies and relies on patching equipment to provide interoperability. The Investment will allow the County to replace its legacy analog system with a 700/800 MHz P25-compliant system. This system will expand public safety interoperability within the County and across the State, as it ties this local system into the statewide system (MARCS).

Cuyahoga Multi-Agency Radio Communications System

Federal Amount:	$ 4,852,160
Non-Federal Match Amount:	$ 1,213,040
Total Project Cost:	**$ 6,065,200**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Public safety organizations within Cuyahoga County operate on 47 disparate radio systems, and users are unable to communicate with one another. This Investment combines the 47 disparate systems into one large, shared communications system and will enable the State to construct the Northeast Ohio Regional Public Safety Communications System, a P25 trunked simulcast system. The State will purchase a Zone Controller, Internet Protocol (IP) Simulcast Network Equipment, Simulcast Base Radio stations, RF subsystem-antenna, repeaters and end-user equipment to link disparate systems and achieve greater interoperability. Overall, this Investment will expand coverage across regions, facilitate interoperability between public safety agencies and enable Cuyahoga County to better manage emergencies and major incidents.

Meigs County Incident Command Enhancement

Federal Amount:	$ 50,400
Non-Federal Match Amount:	$ 12,600
Total Project Cost:	**$ 63,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The topography of Meigs County creates coverage gaps among first responders. Meigs County operates on UHF and VHF radio systems that lack adequate coverage for public safety agencies. Testing of the statewide MARCS 700/800 MHz system in the area has found that additional handheld units would enable greater communication between first responders. This project proposes the procurement of additional hand-held 700/800 MHz units and a gateway device to patch users on the statewide system (MARCS) to local UHF and VHF users. This Investment will enable interoperability between State and local public safety agencies and enhance communication and coordination during emergencies and multi-jurisdictional incidents. Involvement will include the county's 12 fire departments, Emergency Medical Services, Law Enforcement, Emergency Management Agency, three County School Districts, Public Health, Highway Department, and 12 County Townships.

Carroll County Incident Command

Federal Amount:	$ 778,433
Non-Federal Match Amount:	$ 194,608
Total Project Cost:	**$ 973,041**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Carroll County is the only county in Ohio that is operating on low band frequencies, which limits its ability to communicate with State and local public safety agencies during emergency events. This Investment will provide funding to link Carroll County with the statewide system (MARCS) and reprogram/update radios with talk groups to enable interoperability. This overhaul will be the most cost-effective means of deploying advanced technologies, promoting spectrum efficiency, and obtaining statewide interoperability.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 140,000
Non-Federal Match Amount:	$ 35,000
Total Project Cost:	**$ 175,000**

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

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. Ohio, however, chose not to allocate its PSIC funds in this manner.

Oklahoma (OK)

PSIC Federal Award: $11,684,183

(Awarded September 30, 2007)

Summary

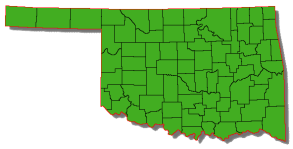
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$904,923
Statewide Interoperability Communications Project for High-Risk Jurisdictions within Oklahoma	$10,429,260
Management and Administration (M&A)	$350,000
Statewide Planning	-
Total PSIC Award	**$11,684,183**

Pass Through: The State of Oklahoma 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): Oklahoma allocated $904,923 to its STR Investment.

Investments

Strategic Technology Reserve (STR)



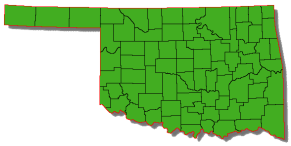
Federal Amount:	$ 904,923
Non-Federal Match Amount:	$ 200,000
Total Project Cost:	**$1,104,923**

89%* Acquisition & Deployment	**2%** Training & Exercise	**9%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

While Oklahoma has invested in a statewide 700/800 megahertz (MHz) radio system, limited coverage remains in rural areas of the State where antiquated equipment and limited funding for improvements has further hindered interoperability. This Investment will provide a communications interoperability trailer with a 100' hydraulic mast with multiple antenna mounts, generator, and Internet Protocol gateway device. This Investment will also provide the technology to bridge different radio systems during natural and man-made disasters and will improve spectrum efficiency by using mutual aid and other shared channels in multiple frequency bands. Furthermore, this Investment satisfies the PSIC Program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to re-establish communications when critical communications equipment is damaged or destroyed.

Statewide Interoperability Communications Project for High-Risk Jurisdictions within Oklahoma



Federal Amount:	$ 10,429,260
Non-Federal Match Amount:	$ 4,300,000
Total Project Cost:	**$ 14,729,260**

98%* Acquisition & Deployment	**<1%** Training & Exercise	**<2%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will implement additional trunked tower sites on the State's 700/800 MHz system and distribute 700/800 MHz radios to public safety practitioners to provide coverage and improve interoperability. As a result, this Investment will implement a statewide fixed multi-band mutual aid bridging solution to enable interoperability amongst practitioners, the STR Trailer, and the existing regional response system. The Investment will also provide for the hiring of an interoperable communications coordinator to conduct capabilities assessments and ongoing strategic planning. Overall, the Investment will lead to more effective planning and coordination among these entities. Project partners include Federal, State, local, tribal, and non-governmental public safety agencies.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 350,000
Non-Federal Match Amount:	$ 87,500
Total Project Cost:	**$ 437,500**

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

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. Oklahoma, however, chose not to allocate PSIC funds in this manner.

Oregon (OR)

PSIC Federal Award: $12,182,532

(Awarded September 30, 2007)

Summary

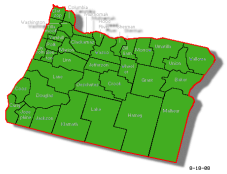
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$943,519
Statewide Initiatives	$1,882,327
Northwest Oregon Regional Communication System	$4,790,628
Southern Oregon Regional Communications Project	$3,451,551
Central Oregon Regional Communication System	$589,032
Northeast Oregon Communications System—Union County Backbone Upgrade	$160,000
Management and Administration (M&A)	$365,475
Statewide Planning	-
Total PSIC Award	**$12,182,532**

Pass Through: The State of Oregon fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal governments or authorized nongovernmental agencies.

Strategic Technology Reserve (STR): Oregon allocated $943,519 to its STR Investment.

Investments

Strategic Technology Reserve (STR)



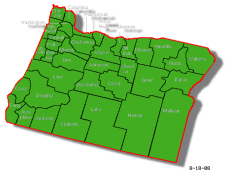
Federal Amount:	$ 943,519
Non-Federal Match Amount:	$ 165,130
Total Project Cost:	**$ 1,108,649**

75%* Acquisition & Deployment	**0%** Training & Exercise	**25%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Oregon does not have a comprehensive list of STR assets available for deployment. This Investment will provide funding for personnel to conduct an inventory assessment of all STR assets, including maps, key contacts, and the process by which those resources can be requested. Based on findings in the statewide assessment, the remaining STR funds will be used to augment deployable assets and to develop statewide Standard Operating Procedures (SOP) to access STR resources. This Investment satisfies the PSIC 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.

Statewide Initiatives



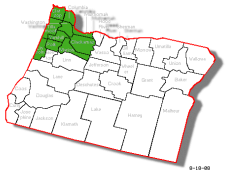
Federal Amount:	$ 1,882,327
Non-Federal Match Amount:	$ 470,582
Total Project Cost:	**$ 2,352,909**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, there is a lack of interoperability among public safety agencies in the State of Oregon. Legacy systems have been built throughout the State with limited ability to integrate with each other. To address this gap, Oregon is consolidating and upgrading its communications systems – the Oregon Wireless Interoperability Network (OWIN). This Investment will provide for the procurement of mobile radios for statewide incident response vehicles and for locally assigned responders, as well as for the upgrade of the Amateur Radio Emergency Services Network. Additionally, the State will develop a statewide funding pool to support shared communications sites and infrastructure among Federal, local, and tribal governments. This Investment will enhance coordination and cooperation among State and local/tribal agencies, and will enable statewide interoperability for all public safety agencies.

Northwest Oregon Regional Communication System



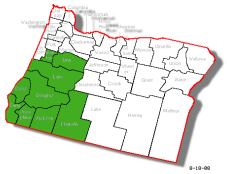
Federal Amount:	$ 4,790,628
Non-Federal Match Amount:	$ 939,693
Total Project Cost:	**$ 5,730,321**

82%* Acquisition & Deployment	**<1%** Training & Exercise	**<18%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Legacy public safety communications systems in the Portland Urban Area Security Initiative (UASI) region were built with little or no integration. These systems serve 70 percent of the State's population and cover an area larger than 5,000 square miles, but have only minimal ability to interconnect. This Investment will address these communications gaps by improving the region's core infrastructure including: a new shared communication site in Columbia County; a shared, countywide digital microwave backbone in Lincoln County; digital microwave links that connect Marion County's public safety answering points (PSAPs); a regional radio system in the City of Portland; a narrowband initiative for Polk County Emergency Management; a digital microwave system in Tillamook County; and a simulcast interoperability improvement project in Yamhill County. These improvements are expected to significantly increase coverage and interoperability among the Portland UASI, the surrounding regions, and Oregon State agencies.

Southern Oregon Regional Communications Project



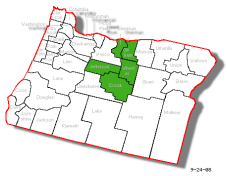
Federal Amount:	$ 3,451,551
Non-Federal Match Amount:	$ 862,888
Total Project Cost:	**$ 4,314,439**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment provides for counties in southern Oregon to upgrade their regional systems in support of a "system of systems" interoperability approach. Specifically, Douglas County plans to expand radio system coverage to provide service to an increasingly populated region around Crater Lake. Jackson County plans to acquire Project 25 (P25)-compliant subscriber units to bring several local agencies onto their shared, trunked system, in order to provide better coverage and interoperability for county agencies and to provide narrowbanding compliance for smaller jurisdictions. Finally, Linn and Benton Counties plan to acquire and deploy two 700 megahertz (MHz) communications sites to support a trunked radio system that will serve over 40 agencies, including all of the local fire and law enforcement agencies, county and city public works departments, local transportation functions, and Oregon State University (OSU). This Investment increases interoperability by expanding regional systems to underserved areas, increasing access to regional systems, and linking local systems to provide regional interoperability for first responders, government agencies, and the State's University system.

Central Oregon Regional Communication System



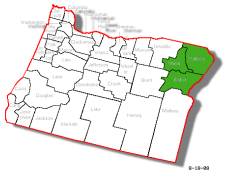
Federal Amount:	$ 589,032
Non-Federal Match Amount:	$ 147,258
Total Project Cost:	**$ 736,290**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Central Oregon, a mostly rural region, has multiple communications systems with varying degrees of coverage, operability, and interoperability. This Investment will fund the development and implementation of a mobile digital data communications system that will use towers and an exiting microwave backbone to facilitate communications between field vehicles and emergency personnel. In addition, computers will be installed in every Prineville, Crook County Police, Crook County Sheriff, and Crook County Fire and Rescue field vehicles, and repeaters will be installed on two existing radio towers to provide end users from various jurisdictions with the ability to interconnect and communicate over a redundant, secure connection. Funding will also be used to place fixed repeaters on two towers that serve the Confederated Tribes of Warm Springs (CTWS). This Investment will increase interoperability and mobile communications between public safety agencies across multiple jurisdictions within the State of Oregon.

Northeast Oregon Communications System – Union County Backbone Upgrade



Federal Amount:	$ 160,000
Non-Federal Match Amount:	$ 40,000
Total Project Cost:	**$ 200,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The terrain in Northeast Oregon is mountainous, which limits the range of communications and increases gaps in coverage for public safety communications. This Investment will improve three remote sites as part of the Union County backbone upgrade, which will increase coverage in the County. The County will also designate two law enforcement frequencies at each site to enhance public safety interoperability across the region. The project, once completed, will also enable radio communications links between first responders and State and local agencies, as well as provide a connection for three County PSAPs. The Investment will also provide funding for P25-compliant equipment, new antennas, repeaters and a backup radio that will expand voice and data communications. The new equipment will be capable of sharing Federal, State, and local frequencies and will increase interoperability among first responders, public safety agencies and all levels of government.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 365,475
Non-Federal Match Amount:	$ 91,369
Total Project Cost:	**$ 456,844**

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

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. Oregon, however, chose not to utilize its PSIC funds in this manner.

Pennsylvania (PA)

PSIC Federal Award: $34,190,555

(Awarded September 30, 2007)

Summary

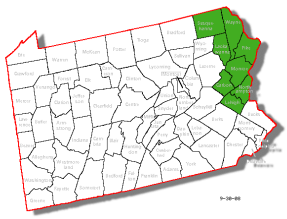
PSIC Investment Justification	Federal Funds
Northeast Pennsylvania Emergency Response Group (NEPAERG) VHF, UHF Gateway Overlay System and Microwave Upgrade for Interoperability	$2,648,008
Commonwealth of PA Tactical Video and Data Interoperability System	$4,105,713
Commonwealth of PA. Interface of the PA STARNet System With all Public Safety Answering Points (PSAP), Statewide	$875,000
North Central Task Force (NCTF) Mutual Aid Gateway Systems and Console Interfaces With PA STARNet	$750,000
Northwest Central Emergency Response Group (NWCERG) Deployable Interoperable Communications Systems	$750,000
Northeast Pennsylvania Emergency Response Group (NEPAERG) Public Safety Answering Point (PSAP) Console Interface with the PA STARNet Statewide Radio System	$2,030,000
Southeast Pennsylvania Regional Task Force (SEPARTF) and City of Philadelphia	$8,350,994
Southeast Pennsylvania Regional Task Force (SEPARTF) PA STARNet Deployable Tactical Interoperability Systems and Radio Caches	$1,099,006
South Central Task Force (SCTF) Microwave and Gateway Network	$4,000,000
Pennsylvania Region 13 (PAR 13)	$8,253,718
Management and Administration (M&A)	$1,025,716
Statewide Planning	$302,400
Total PSIC Award	**$34,190,555**

Pass Through: The State of Pennsylvania entered into Memoranda of Understanding with the Regional Counter-Terrorism Task Forces. These agreements authorize the State of Pennsylvania to expend PSIC grant funding on behalf of these jurisdictions.

Strategic Technology Reserve (STR): Pennsylvania submitted a written STR waiver request based on the fact that Pennsylvania has previously invested in an STR. The State currently maintains adequate mobile and deployable communications resources to reestablish communications if existing critical infrastructure is damaged, and was therefore granted a full waiver.

Investments

Northeast Pennsylvania Emergency Response Group (NEPAERG) VHF, UHF Gateway Overlay System and Microwave Upgrade for Interoperability



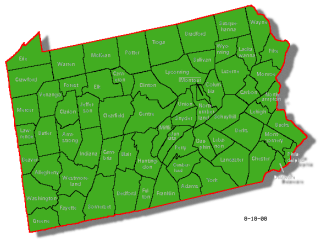
Federal Amount:	$ 2,648,008
Non-Federal Match Amount:	$ 1,606,992
Total Project Cost:	**$ 4,255,000**

96%* Acquisition & Deployment	**2%** Training & Exercise	**2%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Local agencies in Northeast Pennsylvania operate on VHF and UHF, while State agencies operate on the 800 MHz trunked digital network, called Pennsylvania Statewide Area Network (PA-STARNet). Operating on disparate systems has hindered interoperability between State and local public safety agencies. This Investment will address these interoperability gaps by implementing a statewide overlay system of VHF and UHF base station/repeaters mapped to PA STARNet system talkgroups. Currently, a network of 50 gateways and base stations exists throughout the State with National Police VHF frequency installed and active. This Investment adds four additional gateway/VHF base stations and two UHF repeaters on National Mutual Aid frequencies at each of the PA STARNet gateway locations. All sites will be backhauled to the PA STARNet master controller via microwave technology, which will allow access to and from any site. These improvements will provide statewide interoperability between VHF, UHF, and PA STARNet units anywhere in the State.

Commonwealth of PA Tactical Video and Data Interoperability System



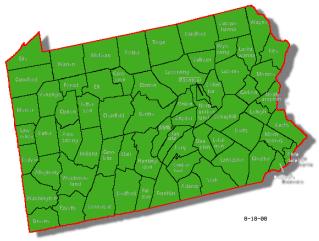
Federal Amount:	$ 4,105,713
Non-Federal Match Amount:	$ 2,053,988
Total Project Cost:	**$ 6,159,701**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, there is a lack of interoperability between Incident Commanders, off-site support, and airborne observers, which has impeded communication during emergency incidents. This Investment will implement deployable air-to-ground video/data systems to provide data and video at the scene of an incident to Incident Commanders and ground tactical units. The units can be quickly deployed to a scene by aircraft and video and data will be routed from the aircraft to the nearest PA STARNet radio system tower, which is equipped with the data system receivers. This allows Commanders, as well as remote support agencies and personnel, to exchange information and have a real-time view of an incident. Therefore, this Investment will benefit public safety agencies across the State.

Commonwealth of PA Interface of the PA STARNet System With All Public Safety Answering Points (PSAP), Statewide



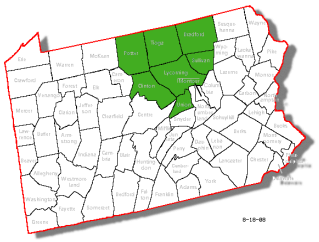
Federal Amount:	$ 875,000
Non-Federal Match Amount:	$ 215,000
Total Project Cost:	**$ 1,090,000**

99%* Acquisition & Deployment	**1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Many local communications systems are not currently linked to the statewide system (PA-STARNet), which hinders interoperability, impedes a coordinated response, and hampers multi-jurisdictional support and mutual aid. This Investment modifies the dispatch consoles in each public safety answering point (PSAP) to allow access to the talk groups on the PA- STARNet system and the ability to create console patches between State talkgroups and the local channel. Additionally, this Investment will facilitate communication between and among jurisdictions and disciplines and will link disparate systems to support coordinated response to emergencies and disasters.

North Central Task Force (NCTF) Mutual Aid Gateway Systems and Console Interfaces With PA STARNet



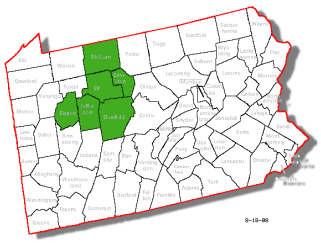
Federal Amount:	$ 750,000
Non-Federal Match Amount:	$ 177,500
Total Project Cost:	**$ 927,500**

95%* Acquisition & Deployment	**3%** Training & Exercise	**2%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

First responders in the North Central Task Force region are currently operating on disparate radio systems and frequency bands, resulting in a lack of interoperability between jurisdictions and disciplines. This Investment will fund the installation of a network of gateways equipped with VHF, UHF, and 800 MHz National Mutual Aid frequencies to facilitate interoperability between local and out-of-region responders. The gateways will be interfaced with PA-STARNet and will be capable of interfacing with the seven regional PSAPs. This Investment enhances the ability of regional communications centers and first responders to interoperate.

Northwest Central Emergency Response Group (NWCERG) Deployable Interoperable Communications Systems



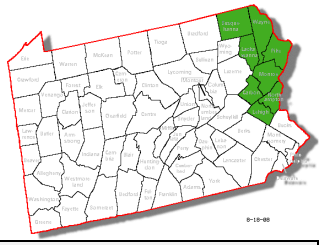
Federal Amount:	$ 750,000
Non-Federal Match Amount:	$ 185,000
Total Project Cost:	**$ 935,000**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the Northwest Central Emergency Response Group (NWCERG) region lacks deployable communications assets and resources that would provide for effective disaster recovery and interoperable voice and data communications. This Investment provides for the purchase of four deployable Mobile Communications Trailers (MCT) equipped with gateways and radio equipment (VHF, UHF, 700 MHz, and 800 MHz) that will support interoperability across different frequency bands. The mobile units will also have the capacity to interface with the statewide system and will be capable of narrowband analog, OpenSky and P25 digital operation. The deployable units are self-sustaining with antennas and mast, generator, fuel, and shelter, and the unit will be available to all 146 jurisdictions and 63 Public Safety agencies throughout the NWCERG region. This Investment will improve communications at large-scale incidents and events; provide capabilities to restore voice and data communications if the fixed primary assets are destroyed; provide relay capabilities to bring voice and data communications into remote sections of the region as needed; and enhance the region's ability to pass data and voice over the PA-STARNet system during major incidents.

Northeast Pennsylvania Emergency Response Group (NEPAERG) Public Safety Answering Point (PSAP) Console Interface with the PA STARNet Statewide Radio System



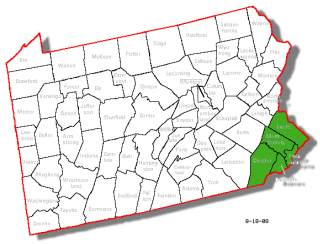
Federal Amount:	$ 2,030,000
Non-Federal Match Amount:	$ 481,250
Total Project Cost:	**$ 2,511,250**

96%* Acquisition & Deployment	**2%** Training & Exercise	**2%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Northeast Pennsylvania Emergency Response Group (NEPAERG) region's PSAPs lack the ability to link to the statewide system (PA-STARNet). As a result, there is limited interoperability between jurisdictions and disciplines, which hinders multi-jurisdictional response efforts and mutual aid. This Investment will implement an interface of the PA STARNet System to existing County PSAP dispatch consoles. This configuration will provide each PSAP access to the talk groups on the PA STARNet system and the ability to create console patches between state talk groups and other local channel appearing on the PSAP console. To ensure adequate microwave backhaul capacity, Multiple Protocol Label Switching (MPLS) will be added to the PA STARNet microwave network as needed to link disparate local systems. Additionally, this Investment will provide eight vehicle-mounted mobile gateways throughout the region, equipped with VHF, UHF, 700 MHz, and 800 MHz National Mutual Aid frequencies to enable on-scene interoperability among responding units that may be operating on disparate systems. Overall, this Investment will improve interoperability and facilitate mutual aid between disciplines and across jurisdictions.

Southeast Pennsylvania Regional Task Force (SEPARTF) and City of Philadelphia



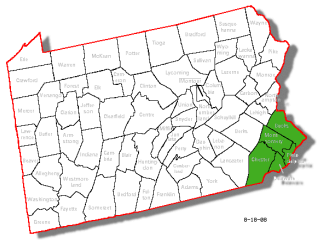
Federal Amount:	$ 8,350,994
Non-Federal Match Amount:	$ 24,911,551
Total Project Cost:	**$ 33,262,546**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

In Southeast Pennsylvania, local public safety agencies cannot effectively interoperate with their municipal counterparts due to disparate radio systems; these jurisdictions include the Philadelphia Housing Authority (PHA), Philadelphia School District (PSD), Southeast Pennsylvania Transportation Authority (SEPTA), and the Philadelphia Regional Port Authority (PRPA). Additionally, communicating below ground in the Philadelphia subway network is difficult and presents a unique interoperability challenge. This Investment will upgrade the City of Philadelphia's legacy analog/digital 800 MHz system to an Internet Protocol (IP)-based, Project 25 (P25)-compliant, 700/800 MHz system capable of providing network level interoperability. The upgrade adds capacity for additional tower sites as needed, adds capability for 700 MHz frequencies when available, adds IP network control, adds gateways for network level interoperability with disparate systems, and creates a "system of systems" that facilitates interoperability between State, County and City agencies. The upgrade will also add bi-directional amplifiers and distributed antenna networks to below-grade subway transit stations to allow multiple agencies and jurisdictions at the Federal, State and local levels to communicate during incidents in the City, as well as in subway system.

Southeast Pennsylvania Regional Task Force (SEPARTF) PA STARNet Deployable Tactical Interoperability Systems and Radio Caches



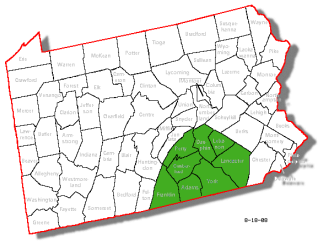
Federal Amount:	$ 1,099,006
Non-Federal Match Amount:	$ 273,251
Total Project Cost:	**$ 1,372,257**

100%* Acquisition & Deployment	**<1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Public safety agencies in Southeastern Pennsylvania lack deployable tactical communications systems and are unable to connect to the statewide system (PA-STARNet). This Investment will provide for the purchase of a vehicular-mounted repeater and related mobile radio equipment that is compatible with PA STARNet. The deployable unit can function as an extender for the statewide system or function in a repeater mode to support multiple talk groups during an incident response, and the mobile transceivers will be installed in command vehicles throughout counties in the region. This Investment will provide a deployable communications system to support emergency communications and facilitate interoperability and mutual aid during major incidents. Overall, this Investment will benefit public safety agencies throughout the southeast region, including the Philadelphia UASI.

South Central Task Force (SCTF) Microwave and Gateway Network



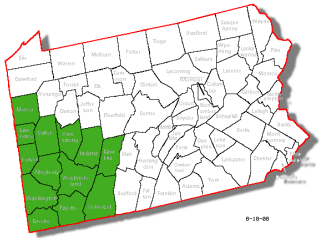
Federal Amount:	$ 4,000,000
Non-Federal Match Amount:	$ 946,298
Total Project Cost:	**$ 4,946,298**

96%* Acquisition & Deployment	**<1%** Training & Exercise	**<4%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The counties in south central Pennsylvania operate on various radio frequencies and cannot currently connect to the statewide system. There is also no interoperability with bordering Maryland counties. This Investment creates an overlay network of gateway systems with VHF, UHF, 700 MHz and 800 MHz National Mutual Aid frequencies installed. The Mutual Aid stations will be located at 10 tower sites throughout the region, linked through a digital microwave loop. A single hop microwave link is proposed to link the Maryland and South Central Task Force (SCTF) systems together. This Investment is expected to link disparate systems, improve interoperability between responders in all 316 jurisdictions and across all public safety disciplines, including law enforcement, fire, emergency medical services, hospitals, and transportation, and facilitate mutual aid response.

Pennsylvania Region 13 (PAR 13)



Federal Amount:	$ 8,253,718
Non-Federal Match Amount:	$ 1,955,160
Total Project Cost:	**$ 10,208,878**

96%* Acquisition & Deployment	**3%** Training & Exercise	**1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

In the Pittsburgh UASI, public safety agencies currently operate on disparate radio systems, and PSAPs cannot communicate with one another or provide backup when needed. This Investment will provide for the development and implementation of a countywide UHF, P25 standard-based, public safety communications system for Allegheny County. Additionally, the region will implement microwave connectivity to enable communications between PSAPs for radio and data interoperability, provide redundant dispatch and call-taking capability in the event of the loss of one or more of these PSAPs, and create a common network backbone for a merged regional radio system. The regional system is expected to provide seamless communications and the ability to interoperate across jurisdictions and disciplines operating in the region.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 1,025,716
Non-Federal Match Amount:	$ 256,429
Total Project Cost:	**$ 1,282,145**

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	$ 302,400

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.

Puerto Rico (PR)

PSIC Federal Award: $9,590,024

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$792,733
State Multi-Agency and Region Microwave Backbone and Radio Data Internet Protocol (IP)-Based Network; Secure Law Enforcement Network	$7,618,400
Interoperability Training and Planning	$825,000
Management and Administration (M&A)	$132,709
Statewide Planning	$221,182
Total PSIC Award	**$9,590,024**

Pass Through: The Territory of Puerto Rico fulfilled the PSIC Grant Program's requirement by passing through a minimum of 50 percent of the total award amount to local or tribal government bodies or authorized nongovernmental public safety agencies.

Strategic Technology Reserve (STR): Puerto Rico allocated $792,733 to its STR Investment.

Investments

State-level Match Amount: $30,000

Strategic Technology Reserve (STR)

Federal Amount:	$ 792,733
Non-Federal Match Amount:	$ 198,183
Total Project Cost:	**$ 990,916**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Territory has analog legacy equipment and possesses disparate radio systems that have limited interoperability. This Investment will provide for the purchase of a satellite kit to facilitate interoperability in the event of a communications failure. Moreover, operational and training plans will be developed to ensure that the equipment obtained with these funds is properly used. Additional equipment includes solar charged capabilities and satellite telephones with solar charger packs. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

State Multi-Agency and Region Microwave Backbone and Radio Data Internet Protocol (IP)-Based Network; Secure Law Enforcement Network

Federal Amount:	$ 7,618,400
Non-Federal Match Amount:	$ 1,904,600
Total Project Cost:	**$ 9,523,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Territory's disparate systems, consisting of VHF, UHF, and 800 MHz communications systems, cannot interoperate with each other. The equipment is also outdated and incompatible with digital communications systems. This Investment will purchase a Voice over Internet Protocol (VoIP) gateway and an island-wide mobile data system, which will expand the capability of existing P25 800 MHz system, extend public safety answering point coverage to outer local municipalities, and upgrade the current microwave backbone to a digital backbone. This will result in enhanced interoperable communications among first responders throughout the island.

Interoperability Training and Planning

Federal Amount:	$ 825,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 825,000**

0%* Acquisition & Deployment	**47%** Training & Exercise	**53%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Territory's disparate radio systems, inconsistent operating procedures, and discipline-specific jargon create confusion during a multi-agency response. This Investment creates a training and exercise program. The program will focus heavily on the communications aspect of coordination and the use of newly purchased interoperable equipment. This Investment will result in a more effective response to events by first emergency responders with reduced language problems, resolution of compatibility issues, and greater system resiliency.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 132,709
Non-Federal Match Amount:	$ 33,177
Total Project Cost:	**$ 165,886**

The Territory 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	$221,182

The Territory 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.

Rhode Island (RI)

PSIC Federal Award: $7,365,694

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$565,750
Infrastructure	$1,500,000
Subscriber Units (Local)	$3,959,700
Subscriber Units (State Agencies)	$360,274
Providence Channel Build-Out	$615,000
Management and Administration (M&A)	$220,970
Statewide Planning	$144,000
Total PSIC Award	**$7,365,694**

Pass Through: The State of Rhode Island 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): Rhode Island allocated $565,750 to its STR Investment.

Investments

State-level Match Amount: $1,822,381

Strategic Technology Reserve (STR)

Federal Amount:	$ 565,750
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 565,750**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Rhode Island does not currently have a Strategic Technology Reserve (STR) solution for the State. This Investment will provide for the purchase of portable towers, repeaters, and cache of radios to increase interoperability throughout the State and supplement the current Rhode Island State Communications Network (RISCON) system. The Investment will enable an efficient deployment of additional radios to an incident or major event to achieve interoperability with responding agencies that operate outside the RISCON system. This Investment satisfies the program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Infrastructure

Federal Amount:	$ 1,500,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,500,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The northern area of the State currently lacks radio coverage. This Investment will continue the build-out of RISCON, a Project 25 (P25) 700 megahertz (MHz) trunked radio system in those areas of the State where coverage and talk-back capability are limited or unavailable. The infrastructure, including the installation of two additional sites and the interconnection, will allow Rhode Island to increase its capability and achieve public safety communications system coverage across approximately 90 percent of the State.

Subscriber Units (Local)

Federal Amount:	$ 3,959,700
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 3,959,700**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

As Rhode Island continues the development of the communications infrastructure, the critical task is to provide first responders with access to the RISCON system. The Investment will provide for the installation of a portable P25 radio with a mounted drop-charger in every front-line response vehicle in the State. The Investment will create interoperable access to on-scene responders and will benefit public safety agencies statewide.

Subscriber Units (State Agencies)

Federal Amount:	$ 360,274
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 360,274**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment will provide for the acquisition of subscriber units for Rhode Island's State agencies, including law enforcement, public health and environmental management agencies, during emergency or mutual-aid situations on a regular basis. It is critical that these State and local agencies be able to communicate to provide for effective emergency response.

Providence Channel Build-Out

Federal Amount:	$ 615,000
Non-Federal Match Amount:	$ 109,260
Total Project Cost:	**$ 724,260**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The City of Providence is currently operating on eight channels on a statewide 800 MHz digital trunked radio system. The statewide communications working group determined that additional channels are needed on the City of Providence's common radio system in order for all first responders to operate efficiently in day-to-day operations and during a disaster. As such, this Investment will add four channels to the current system, adding capacity and facilitating interoperable communications during natural and man-made disasters.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 220,970
Non-Federal Match Amount:	$ 44,194
Total Project Cost:	**$ 265,164**

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	$ 144,000

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.

South Carolina (SC)

PSIC Federal Award: $13,499,308

(Awarded September 30, 2007)

Summary

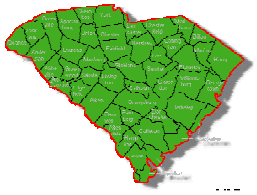
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$1,045,502
South Carolina Department of Public Safety (DPS)	$107,520
Statewide Interoperability	$700,000
Statewide Radio Interoperability	$3,500,007
Western Piedmont Interoperability Initiative	$2,000,000
Georgetown County Simulcast Upgrade	$1,100,000
Greenville County Simulcast Upgrade	$3,500,000
Jasper County Tower	$608,000
Charleston Consolidated 911 Dispatch	$500,000
Management and Administration (M&A)	$404,979
Statewide Planning	$33,300
Total PSIC Award	**$13,499,308**

Pass-through: The State of South Carolina fulfilled the PSIC Grant program's requirement by using a combination of Memoranda of Understanding (MOUs) and passing through of funds. The State passed slightly under the minimum 80 percent of the funds to local or tribal government bodies or authorized nongovenermental public safety agencies. The State also entered into MOUs with Georgetown County and Greenville County, and these agreements authorize South Carolina to expend PSIC grant funding for $4,600,000 on behalf of these jurisdictions.

Strategic Technology Reserve (STR): South Carolina allocated $1,045,502 to its STR Investment.

Investments

Strategic Technology Reserve (STR)



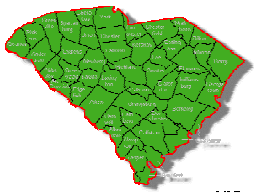
Federal Amount:	$ 1,045,502
Non-Federal Match Amount:	$ 261,375
Total Project Cost:	**$ 1,306,877**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment addresses several of the State's key concerns (e.g., disrupted landline and wireless network services, high call volumes, power failure, and site damage) by providing for the acquisition of a trailer-mounted satellite system, which will provide voice and data connectivity via landline telephone, cell phone, fax, and email. The trailer will have an emergency generator, satellite antenna, 25 Voice over Internet Protocol (VoIP) telephones, and a wired and wireless connection for up to 25 portable computers. The satellite service downlink will be connected to the State data network and will provide data connectivity to the State Intranet and to the Internet. In addition, the Investment will also provide for the acquisition of a central cache of VHF, UHF,a nd 800 MHz radios. This Investment satisfies the program requirement to develop and implement a STR that is pre-positioned, deployable, and able to re-establish communications when critical communications equipment is damaged or destroyed.

South Carolina Department of Public Safety (DPS)



Federal Amount:	$ 107,520
Non-Federal Match Amount:	$ 26,880
Total Project Cost:	**$ 134,400**

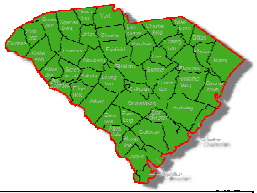
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

South Carolina has been upgrading the systems of Charleston, York, and Anderson Counties to Project 25 (P25) standards. Although the counties will be increasing efficiency and operability, they will lose the means of interoperable communications with the Department of Public Safety (DPS), which currently operates on a vendor-specific non-P25 compliant system. This Investment will provide for the upgrade of DPS' existing digital-capable radios to make them fully compatible with the new systems implemented in those counties. These upgrades will provide DPS with P25-compliant radios and enable DPS officers to continue to communicate as neighboring jurisdictions migrate to the new system. Without this upgrade, agency-to-agency communications would be lost during the migration.

Statewide Interoperability

Federal Amount:	$ 700,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 700,000**



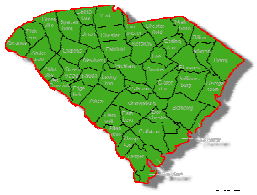
0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

South Carolina does not have a complete and accurate database of all public safety radio systems, frequencies, and equipment within the State. Through this Investment, South Carolina will utilize the Communication Assets Survey and Mapping (CASM) tool to acquire radio system information, train local government personnel on the gathering and input of the required information, and review the data for accuracy and completeness. Additionally, the State will hire two full-time communications planners to manage statewide interoperability planning, develop standard operating procedures (SOP), and manage the STR equipment. This Investment will allow the State to better assess communications capabilities and needs.

Statewide Radio Interoperability

Federal Amount:	$ 3,500,007
Non-Federal Match Amount:	$ 875,001
Total Project Cost:	**$ 4,375,008**

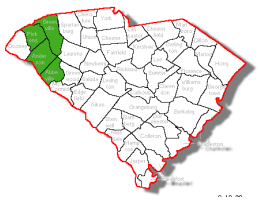


100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Many counties throughout South Carolina have not yet fully migrated to the statewide Palmetto 800 MHz system and currently operate on a number of disparate systems. In order to promote interoperability within these counties (e.g., Greenville, Spartanburg, Jasper, and Clarendon) and with neighboring counties, the State will procure 700/800 MHz digital P25-compliant radios. This equipment will allow for interoperable capabilities with the statewide Palmetto system and with other privately-owned 800 MHz systems across the State. It is anticipated that increased interoperability between disciplines and jurisdictions will be seamless due to radios being on the same platform.

Western Piedmont Interoperability Initiative



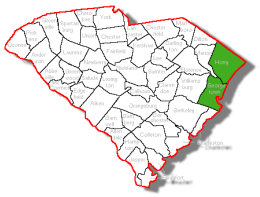
Federal Amount:	$ 2,000,000
Non-Federal Match Amount:	$ 497,500
Total Project Cost:	**$ 2,497,500**

99%* Acquisition & Deployment	**0%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Anderson County, and the entire Western Piedmont region, has limited coverage and significant interoperability issues due to the geographical terrain and disparate radio systems. Through this Investment, Anderson County will enhance communications within the county and surrounding areas by purchasing additional radios and infrastructure to include subscriber equipment and/or upgrades, additional P25 site equipment and a P25 sub-cell for the Pelzer/Powdersville area, and upgrades for SC Highway Patrol troopers' radios that operate in Anderson County and surrounding area. Additional purchases for infrastructure include P25 site equipment and a radio tower. This Investment improves spectrum efficiency by providing equipment that supports utilizing both the 800 MHz spectrum, as well as the 700 MHz spectrum.

Georgetown County Simulcast Upgrade



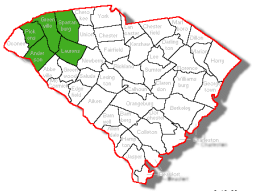
Federal Amount:	$ 1,100,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,100,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The coastal counties in South Carolina are prone to hurricanes and currently lack radio coverage, which directly affects interoperable communications. This Investment will provide a new simulcast sub-cell site (i.e., radio tower capable of channel sharing) in Georgetown and Horry Counties that will become part of the statewide Palmetto 800 Network. The new Palmetto 800 trunked site will be installed on the Horry/Georgetown County line. The enhanced radio coverage will improve communications between all the public safety responders and agencies that serve the area and enhance interoperability across South Carolina.

Greenville County Simulcast Upgrade



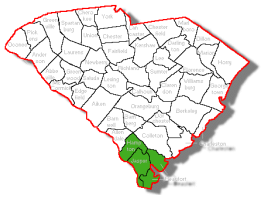
Federal Amount:	$ 3,500,000
Non-Federal Match Amount:	$ 875,000
Total Project Cost:	**$ 4,375,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Many of the agencies serving the Greenville area already have 800 MHz radios but do not use them on a daily basis due to coverage problems in the area. Solving the coverage and interoperability gaps in the Greenville County area will directly enhance interoperability by encouraging users to turn their radios on and allow agencies to use the Palmetto 800 Network on a daily basis. South Carolina will install two new simulcast sites that will be part of the statewide Palmetto 800 Network and therefore provide interoperability enhancements in the area for all 800 MHz users in South Carolina. This Investment also includes two new Palmetto 800 trunked sites. One site will be installed in the center of the County, and the other in the western end of the County along the North Carolina/South Carolina State line. The enhanced radio coverage will improve communications between all the public safety responders and agencies that serve the Greenville County area.

Jasper County Tower



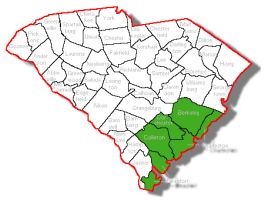
Federal Amount:	$ 608,000
Non-Federal Match Amount:	$ 142,000
Total Project Cost:	**$ 750,000**

95%* Acquisition & Deployment	**0%** Training & Exercise	**5%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Jasper County currently has only one communications tower to operate on the statewide Palmetto system, limiting coverage and capacity in the area. Additionally, the current tower has limited transmission capabilities and does not meet the needs of the county's first responders. Through this Investment, Jasper County will build a new radio tower in the center of the county to increase radio and mobile data coverage for 90 percent of Jasper County. The new tower will provide equipment shelter space for multiple agencies and make mutual aid channels available for use with Beaufort and Hampton Counties and other Federal and State agencies.

Charleston Consolidated 911 Dispatch



Federal Amount:	$ 500,000
Non-Federal Match Amount:	$ -
Total Project Cost:	**$ 500,000**

0%* Acquisition & Deployment	**0%** Training & Exercise	**100%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently Charleston County has six separate public safety answering points (PSAP) and a limited means of sharing data. This Investment calls for the development of a plan for a countywide consolidated 9-1-1 center and an interoperable data sharing platform, which will be a next generation emergency services network to interconnect with local, State and Federal agencies. The review of available network options and resources within the Charleston County area will be used to build a broadband network design that will allow flexibility, high performance, interoperability and redundancy. The consolidated dispatch center will alleviate problems that arose from six separate centers and will streamline dispatch communications in a cost-effective manner.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 404,979
Non-Federal Match Amount:	$ 101,245
Total Project Cost:	**$ 506,224**

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	$ 33,300

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.

South Dakota (SD)

PSIC Federal Award: $6,549,691

(Awarded September 30, 2007)

Summary

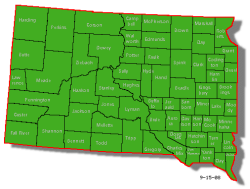
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$507,264
Project 25 (P25) Radio Upgrade	$6,042,427
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$6,549,691**

Pass Through: The State of South Dakota 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): South Dakota allocated $507,264 to its STR Investment.

Investments

Strategic Technology Reserve (STR)



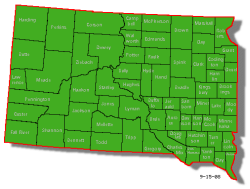
Federal Amount:	$ 507,264
Non-Federal Match Amount:	$ 126,816
Total Project Cost:	**$ 634,080**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, South Dakota has emergency mobile site equipment, including back up repeaters, multi-coupler/combiner racks, a mobile tower site, and cached radios, to use in the event of communications site failure or a major incident. This Investment will upgrade and expand the State's current capability by acquiring 175 new radios that are compatible with the existing statewide communications network and will serve public safety agencies statewide. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Project 25 Radio Upgrade



Federal Amount:	$ 6,042,427
Non-Federal Match Amount:	$ 1,510,607
Total Project Cost:	**$ 7,553,034**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, South Dakota's voice traffic is relayed over a proprietary trunking system. The State has identified a plan to bring an open standard, Project 25 (P25)-compliant system online by 2012. All subscriber units must be updated and able to operate on the new system before implementation of the new trunking system. This Investment will fund the acquisition of 600 new P25-compliant radios for State agencies and the upgrade of 11,000 radios at the local level. The Investment will serve public safety jurisdictions across the State, including Sioux Falls and Rapid City.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$	0
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**0**

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. South Dakota, however, chose not to allocate its PSIC funds in this manner.

Statewide Planning

Federal Amount	$	0

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. South Dakota, however, chose not to allocate its PSIC funds in this manner.

Tennessee (TN)

PSIC Federal Award: $17,540,752

(Awarded September 30, 2007)

Summary

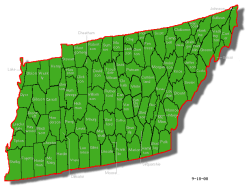
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$1,358,500
Project 25 (P25) Master Switch	$275,000
Tennessee Valley Regional 700/800 Megahertz (MHz) System	$14,000,000
LETS Talk (Linked Emergency Telecommunications System)	$412,007
Obion County	$285,600
Portable Towers and Cache	615,000
Management and Administration (M&A)	$493,788
Statewide Planning	$100,857
Total PSIC Award	**$17,540,752**

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

Strategic Technology Reserve (STR): Tennessee allocated $1,358,500 to its STR Investment.

Investments

Strategic Technology Reserve (STR)



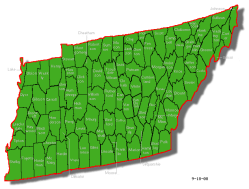
Federal Amount:	$ 1,358,500
Non-Federal Match Amount:	$ 271,700
Total Project Cost:	**$ 1,630,200**

88%* Acquisition & Deployment	**12%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Tennessee does not have a strategic technology reserve (STR) in place that is pre-positioned, deployable or capable of re-establishing communications in the event of total system failure. However, the State does maintain a mobile command unit and trailers that have limited ability to re-establish communications at the site of a major disaster or emergency incident. This Investment provides for a radio cache, a radio site-on-wheels, and training and exercises on this STR equipment. The mobile towers and vehicles will use wireless and satellite connections to re-establish communications, and training will include the Communications Unit Leader Training (COML) for public safety personnel. This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Project 25 (P25) Master Switch



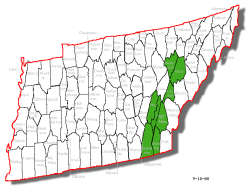
Federal Amount:	$ 275,000
Non-Federal Match Amount:	$ 1,000,000
Total Project Cost:	**$ 1,275,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of Tennessee does not have a statewide interoperable system. The Tennessee Department of Corrections (DOC) has purchased a Project 25 (P25)-compliant radio system, using a P25 master switch, located in Nashville. The DOC has offered the use of this master switch to any public service agency in the State. By granting access to the statewide DOC shared system, public service agencies can achieve true interoperability. This Investment will provide funding that will allow the State to activate the remaining portions of the switch and allow other public safety agencies to connect at no cost. Additionally, this Investment will provide localized interoperability for any public safety agency on the system, enable radios to communicate on a shared system with a designated emergency channel, and will facilitate an effective response to emergency incidents or major disasters.

Tennessee Valley Regional 700/800 Megahertz (MHz) System



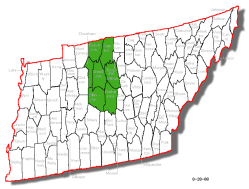
Federal Amount:	$ 14,000,000
Non-Federal Match Amount:	$ 13,000,000
Total Project Cost:	**$ 27,000,000**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of Tennessee highlighted several emergency communications gaps for public safety agencies located in the Tennessee Valley Region during a Homeland Security District Drill. Evaluators found that geographical features in the Tennessee Valley region limit communications capabilities along this corridor, as well as the State Emergency Operations Center in Nashville. In addition, local public safety agencies in this region operate on disparate radio systems, which further hinder interoperability. This Investment will provide for the purchase of a Project 25 (P25) 700/800 megahertz (MHz) Regional Interoperable Communication System capable of simulcast trunking that will connect existing trunking systems to the regional system and provide expanded coverage and a common infrastructure on which public safety agencies can communicate.

LETS Talk (Linked Emergency Telecommunications System)



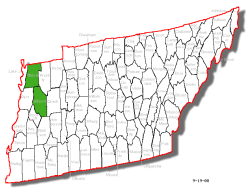
Federal Amount:	$ 412,007
Non-Federal Match Amount:	$ 82,402
Total Project Cost:	**$ 494,409**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Tennessee has a number of public safety agencies still operating on low band, which does not allow those first responders to communicate seamlessly across county or regional lines. The Linked Emergency Telecommunications System (LETS Talk) Investment will provide for the development of a regional VHF, UHF, and 800 MHz system using mutual aid channels built on a simulcast platform. The system will use microwave connectivity for the backbone between all sites and provide a single platform on which public safety agencies can communicate, regionally at first, and eventually statewide. Federal, State, and local agencies will have access to the system, which will improve interoperability within and among all levels of government. This Investment will benefit Nashville, the State's capital, and the surrounding six counties.

Obion County



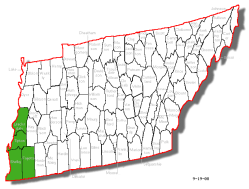
Federal Amount:	$ 285,600
Non-Federal Match Amount:	$ 71,400
Total Project Cost:	**$ 357,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

First responders in Obion County use multiple frequency bands (i.e., VHF, UHF, 800 MHz) to communicate; however, public safety personnel operating on different bands of the radio spectrum are unable to talk to each other on a common channel or talkgroup and this has created a significant communication gap for first responders. Obion County is migrating from a single-site 800 MHz trunked system to a countywide simulcast 800 MHz trunked radio system. This Investment will provide for the acquisition of P25 handheld radios for all first-responder disciplines, City and County school systems, and a small radio reserve for the County's operations center. This acquisition will allow responders of multiple disciplines using different radio systems to communicate with each other, with the Regional Response Center in Jackson, and with the State Operations Center in Nashville.

Portable Towers and Cache



Federal Amount:	$ 615,000
Non-Federal Match Amount:	$ 112,000
Total Project Cost:	**$ 727,000**

92%* Acquisition & Deployment	**8%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, Memphis and Shelby County public safety agencies (Police, Sheriff, Fire, EMA and EMS) use a common 800 MHz trunked system, while other public safety agencies use a variety of radio systems, including VHF and UHF. There is not a single statewide system that would allow interoperability between response agencies in these regions, or a redundant system to ensure continuity of communications in the event of a natural or man-made disaster. This Investment will provide for the purchase of portable radio towers and portable radios in multiple bands, including VHF, UHF, and dual 700/800 MHz to support all public agencies in the event of a disaster. The radios and towers will be located in Homeland Security District 11 and will be available for use throughout the State. The Investment also provides for COML instructor courses for Tennessee public safety personnel, which will ensure effective command and control during major incidents. Lastly, the Investment will provide backup and redundant communication systems for State and local public safety agencies and leadership training to coordinate an effective response to disasters and major incidents.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 493,788
Non-Federal Match Amount:	$ 100,000
Total Project Cost:	**$ 593,788**

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	$ 100,857

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.

Texas (TX)

PSIC Federal Award: $65,069,247

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
State of Texas Strategic Technology Reserve (STR) Project	$5,039,518
State of Texas Multi-Agency Interoperability Project	$10,591,050
Multi-COG Communications Network (MCCN)	$8,501,075
Regional—Texas/Mexico Border Interoperable Communications (T/MBIC)	$9,117,464
Houston Urban Area Interoperability Expansion	$14,586,128
San Antonio Urban Area Project 25 (P25) 700 Megahertz (MHz) Multi-region Evacuation/Border Security Initiative	$3,043,692
Regional Interoperability Communication Upgrades	$7,444,443
Coastal Four-County Trunked Radio Interoperability Expansion	$1,798,271
Houston-Galveston Area Council Regional Infrastructure and Subscriber Units	$1,238,481
North Central Texas Regional 700 MHz Interoperability Overlay	$1,657,048
Management and Administration (M&A)	$1,952,077
Statewide Planning	$100,000
Total PSIC Award	**$65,069,247**

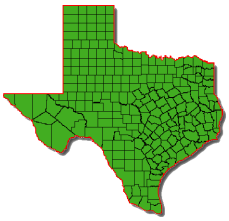
Pass Through: The State of Texas fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal government bodies or authorized nongovernmental public safety agencies.

Strategic Technology Reserve (STR): Texas allocated $5,039,518 to its STR Investment.

Investments

State-level Match Amount: $2,354,808

State of Texas Strategic Technology Reserve (STR) Project



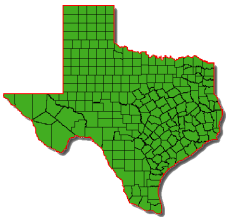
Federal Amount:	$ 5,039,518
Non-Federal Match Amount:	$ 1,007,904
Total Project Cost:	**$ 6,047,422**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Texas faces many interoperability challenges. Parts of rural Texas lack wireless or landline capabilities, which limit emergency communications. In areas with established landline and public safety communications systems, a major disaster or incident could destroy existing infrastructure and negatively impact emergency communications. Additionally, many of the existing regional radio systems are composed of aging equipment for which parts and vendor support are no longer available. This Investment works to mitigate these issues and provide backup interoperable capabilities during an incident or natural disaster. The Texas Department of Public Safety (TxDPS) will procure a cache of equipment to include communications response trailers, portable radios with Project 25 (P25) conventional and trunking capabilities, a deployable IP-based radio gateway, portable generators, portable deployable gateway devices, and satellite telephones and radios to establish an strategic technology reserve (STR) for the State that is pre-positioned, deployable, and able to re-establish communications when critical communications equipment is damaged or destroyed.

State of Texas Multi-Agency Interoperability Project



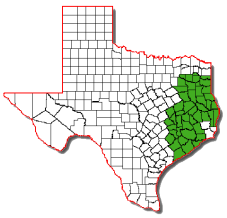
Federal Amount:	$ 10,591,050
Non-Federal Match Amount:	$ 2,040,000
Total Project Cost:	**$ 12,631,050**

97%* Acquisition & Deployment	**3%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

There are gaps in communications coverage across the State of Texas and along the Texas/Mexico border. These areas often have no landline communications or wireless communications capabilities. Additionally, State agencies and local first responders use many disparate radio systems, which impede interoperability. This Investment will create a unified statewide solution to improve interoperability using a combination of technologies. The Investment will include the purchase of wide-area Internet Protocol (IP) switches; a 700 MHz "overlay" system with a P25 master-site switch and 10 new 700 MHz sites; the expansion of a regional P25 system with four additional communications sites along the Mexican border; P25 mobile and/or portable radios; and mobile gateway switches to provide interagency connectivity and interoperability with mutual aid channels. Overall, this Investment will adopt advanced technological solutions, improve spectrum efficiency, use cost effective measures, and improve interoperability efforts in areas at-risk, including urban and metropolitan areas and along the Texas/Mexico border.

Multi-COG Communications Network (MCCN)



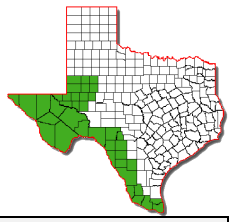
Federal Amount:	$ 8,501,075
Non-Federal Match Amount:	$ 1,700,215
Total Project Cost:	**$10,201,290**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of Texas operates mostly on wideband VHF conventional systems. This allows for some interoperability in and between coverage areas; however, it is not spectrum efficient and there is a need for additional public safety radio channels in regions adjacent to suburban and urban areas. In addition, many of these systems operate on an unreliable, aging infrastructure that provides partial coverage and unreliable operability at times. This Investment will expand coverage by creating a P25 standards-based shared system throughout East Texas using a combination of new towers, repeaters, and existing infrastructure in multiple jurisdictions called the Multi-COG Communications Network (MCCN). This Investment will serve the Houston SUASI and the Dallas/Fort Worth/Arlington UASI, and advance the State's goal of achieving statewide interoperability by 2015.

Regional—Texas/Mexico Border Interoperable Communications (T/MBIC)



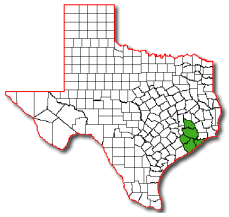
Federal Amount:	$ 9,117,464
Non-Federal Match Amount:	$ 1,813,493
Total Project Cost:	**$10,930,957**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Texas/Mexico Border Interoperable Communications (T/MBIC) Investment addresses communications gaps along the International Border with Mexico, such as aging infrastructure, disparate radio systems spanning numerous frequency bands, limited roaming capability, and radio interference from both sides of the border. The goal for this Investment is to build out the regional systems with dual-mode VHF and/or 800 MHz sites (concentrating on areas with limited or no radio coverage first), linking those systems using a P25 overlay, and transitioning public safety communications to this digital network of regional systems. This Investment will provide continuous roaming capability, interoperability and improved coverage in the 14 border counties.

Houston Urban Area Interoperability Expansion



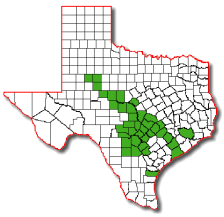
Federal Amount:	$ 14,586,128
Non-Federal Match Amount:	$ 3,646,532
Total Project Cost:	**$ 18,232,660**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Houston area is hampered by incompatible and aging equipment, disparate radio systems, and limited funding. Harris County has an 800 MHz digital trunked system, the City of Houston currently operates on four different radio systems that are over 15 years old, and neighboring Montgomery County operates on an outdated analog system that cannot interoperate with outside jurisdictions without gateway patches. This Investment will provide for the replacement of these outdated and disparate systems. Houston will migrate to a new 700/800 MHz, P25 radio system by equipping 10 sites with repeaters, simulcast equipment, and other needed equipment, which will then support full interoperability with the Harris County Regional Radio System. Montgomery County will migrate to a P25 platform, which will address the challenges of communicating across disparate systems, and will support communications regardless of frequency. These upgrades will result in more reliable communications and enhanced interoperable communications capability throughout the region.

San Antonio Urban Area P25 700 MHz Multi-region Evacuation/Border Security Initiative



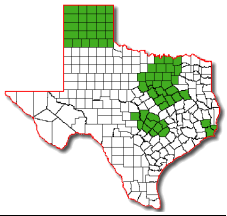
Federal Amount:	$ 3,043,692
Non-Federal Match Amount:	$ 442,904
Total Project Cost:	**$ 3,486,596**

97%* Acquisition & Deployment	**3%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The San Antonio UASI includes Bexar County City of San Antonio, and 26 other agencies that use a non-P25, shared 800 MHz system. Areas outside of Bexar County use a 900 MHz system or a variety of VHF/UHF systems. This Investment will leverage the existing 800 MHz system by adding P25-compliant and 700 MHz infrastructure to expand the regional footprint and achieve greater interoperability in Bexar County and among other systems in Region 53, such as the Alamo Area Council of Government, Capital Area Planning Council, and Lower Colorado River Authority. This Investment is composed of four phases that will result in regional interoperability and eventual connection to the statewide system.

Regional Interoperability Communication Upgrades



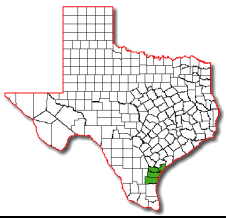
Federal Amount:	$ 7,444,443
Non-Federal Match Amount:	$ 1,487,689
Total Project Cost:	**$ 8,932,132**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

This Investment addresses interoperability problems in regions adjacent to the metropolitan areas of Houston, Dallas, and Austin. To effectively manage regional and statewide emergencies and to coordinate disaster response, first responders in rural regions adjacent to these large metro areas require communications interoperability with each other and with their urban counterparts. The Investment will address the need for deployment of designated interoperable calling and tactical channels in the VHF, UHF, 700 MHz, and 800 MHz public safety frequency bands. The Investment will allow the State to implement these channels in 71 of Texas's 254 counties, providing interoperable coverage where none currently exists. The Investment will leverage existing infrastructure and adopt advanced technological solutions to achieve greater interoperability. Additionally, this Investment will provide for five regional projects, each connecting or combining local systems to create larger, multi-jurisdictional systems. Purchases will include replacing or updating subscriber equipment to be P25 compliant, expansion of radio systems, building new towers, and IP connectivity. Overall, the Investment will improve communications and interoperability in the hurricane coastal areas and the Jefferson County regional system.

Coastal Four-County Trunked Radio Interoperability Expansion



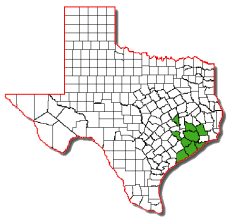
Federal Amount:	$ 1,798,271
Non-Federal Match Amount:	$ 454,567
Total Project Cost:	**$ 2,252,838**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

To address the need for multi-jurisdictional, multi-agency interoperable communications in the coastal four-county region, this Investment will expand existing locally-owned radio systems to address communications and coverage gaps. In addition, the Investment will provide for enhanced interoperable communications capabilities in Corpus Christi and its surrounding communities by extending the trunked system and incorporating capabilities for future P25 implementation. Radios, consoles, a backup repeater, a radio system site, a backup generator, and radio system upgrades will be procured through this Investment. Overall, this Investment is expected to improve multi-jurisdictional, multi-agency interoperable communications and response among law enforcement and other agencies in the coastal four-county region.

Houston-Galveston Area Council Regional Infrastructure and Subscriber Units



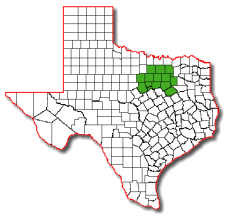
Federal Amount:	$ 1,238,481
Non-Federal Match Amount:	$ 306,145
Total Project Cost:	**$ 1,544,626**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**<1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Houston-Galveston area is hampered by incompatible and aging equipment and by disparate radio systems operating in and around the region. These systems serve many agencies and users, while providing few supporting sites and channels. Houston's three radio systems and Harris County's Regional Radio System support more than 50,000 radios for public safety and public service functions. This Investment will provide for the acquisition and installation of P25-compliant consoles, mobile, and portable units, which will allow public safety agencies to transition to 700 MHz and 800 MHz systems to support interoperability and multi-jurisdictional, multi-agency events.

North Central Texas Regional 700 MHz Interoperability Overlay



Federal Amount:	$ 1,657,048
Non-Federal Match Amount:	$ 216,955
Total Project Cost:	**$ 1,874,003**

69%* Acquisition & Deployment	**3%** Training & Exercise	**28%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The North Central Texas region currently operates on a number of disparate radio systems, including VHF, UHF, and 800 MHz bands. The region does not have a common interoperable communications system that allows all users to communicate. This Investment involves two subprojects. The first project is the development, acquisition, and deployment of a standards-based interoperability overlay across the North Central Texas Council of Governments' 16-county region to provide a single system for public agencies to access and interoperate. The overlay will advance the State's interoperability plan and provide the framework for statewide interoperability. The second project is the development of a long range regional radio communications plan that will serve to guide jurisdictions within the region towards a common goal of regional interoperable communications. The plan will provide a path for advancement of regional radio systems throughout the North Central Texas Council of Governments.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 1,952,077
Non-Federal Match Amount:	$ 488,019
Total Project Cost:	**$ 2,440,096**

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	$100,000

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.

U.S. Virgin Islands

PSIC Federal Award: $856,907

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Deployable Communications Systems – Strategic Technology Reserve (STR)	$234,412
Mobile and Handheld Radios	$144,495
New Channels	$415,000
All Hazards and Emergency Communications Training	$40,000
Management and Administration (M&A)	$23,000
Statewide Planning	-
Total PSIC Award	**$856,907**

Pass Through: The U.S. Virgin Islands, as a U.S. Territory, did not have a pass-through requirement.

Strategic Technology Reserve (STR): The U.S. Virgin Islands allocated $234,412 to its STR Investment.

Investments

Deployable Communications Systems – Strategic Technology Reserve (STR)

Federal Amount:	$ 234,412
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 234,412**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The U.S. Virgin Islands is prone to tropical storms that may damage primary communications systems and also includes some unfavorable terrain where dead spots can limit the ability of public safety officials to effectively coordinate an emergency response. This Investment will provide the Territory with a self-contained, deployable repeater and communications system supported by backup generators, portable masts and towers. This Investment will benefit 23 key public safety and response agencies, including fire and law enforcement. This Investment satisfies the PSIC 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.

Mobile and Handheld Radios

Federal Amount:	$ 144,495
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 144,495**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The territorial agencies in the U.S. Virgin Islands are heavily dependent upon a single communications system operated by individual agencies. Many agencies are unable to communicate with one another during interagency operations unless they are operating on two or more radios. The Territory is currently building a very high frequency (VHF) trunking system that will enable interoperable communications and will be capable of handling all emergency response agencies and first responders. The expected outcome will be a single network that provides reliable interagency communications yet enables individual agencies to maintain a level of autonomy. This Investment will procure Project 25 (P25) trunked radios for the police, fire, emergency medical services, rescue agencies, and Port Authority, as well as the Department of Parks and Recreation, to assist in the Territory's effort to attain a single network and maintain autonomy where needed.

New Channels

Federal Amount:	$ 415,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 415,000**

95%* Acquisition & Deployment	**5%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The U.S. Virgin Islands currently has one frequency to accommodate 2,300 public safety responders, which does not provide the necessary capacity to function sufficiently during a period of increased usage. In addition, due to the lack of mutual aid and individual agency tactical channels, there is a saturation of traffic on primary responder channels. This Investment will provide five additional interoperability channels to increase system capacity across the Territory, enabling the Territory to manage larger and multi-site incidents and create a new level of interoperability and spectrum efficiency.

All Hazards and Emergency Communications Training

Federal Amount:	$ 40,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 40,000**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Communications training overall is deficient in the Territory. The Virgin Islands will provide a Communications (COML) class, an Incident Command class, a Dispatcher class, and an Interoperability Overview class for all public safety personnel. The expectation is that by the end of the PSIC period of performance, all first responders in the Territory will be trained to Territory standards based on agency needs.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 23,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 23,000**

The Territory was allowed to retain up to three percent of the total PSIC award for costs associated with the administration of the Territory'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

The Territory 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. The U.S. Virgin Islands, however, chose not to allocate its PSIC funds in this manner.

Utah (UT)

PSIC Federal Award: $10,353,261

(Awarded September 30, 2007)

Summary

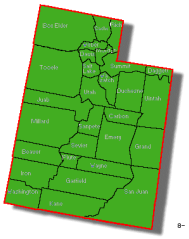
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$900,000
Statewide Project	$1,890,652
Bear River Region Project	$2,500,000
Weber/Summit 800 Megahertz (MHz) Project	$820,000
Wasatch Front Region Project	$145,000
Eastern Utah Project	$1,519,609
Six County Region Project	$186,000
Southwestern Region Project	$2,392,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$10,353,261**

Pass Through: The State of Utah fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal governments or authorized nongovernmental agencies.

Strategic Technology Reserve (STR): Utah allocated $900,000 to its STR Investment.

Investments

Strategic Technology Reserve (STR)



Federal Amount:	$ 900,000
Non-Federal Match Amount:	$ 225,000
Total Project Cost:	**$ 1,125,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State has some communications resources and portable communications infrastructure that can be used to support critical operations, including radio caches, portable repeaters, communications vehicles and trailers. This Investment will enhance the strategic technology reserve of communications equipment that currently exists. The State is working with local agencies in all regions to develop a comprehensive plan for the implementation of the STR. Once the plan is developed, the State will acquire additional assets that are capable of operating in VHF and 800 MHz, and will place these resources at strategic locations throughout the State to enable emergency communications in the event of total system failure. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to re-establish communications when critical infrastructure is damaged or destroyed.

Statewide Project

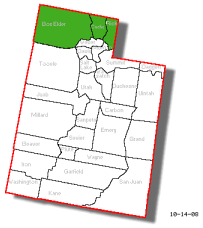
Federal Amount:	$ 1,890,652
Non-Federal Match Amount:	$ 472,663
Total Project Cost:	**$ 2,363,315**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

All State and local government public safety entities operating in Utah use communications technology operating in either VHF or 800 MHz spectrum. Interoperability between end-users on either system, outside the populated Wasatch Front region, is very limited. Public safety agencies are using PSIC funds to expand 800 MHz coverage into areas of the State not currently covered. This Investment will interconnect existing communications infrastructure and enable the future migration to the 800 MHz system. The State will use PSIC funds to implement a specialized Internet Protocol (IP)-based gateway device to facilitate a multi-agency shared statewide interoperability network. The Investment will also provide funding for end-user equipment that is P25-capable, secure, and equipped with data capabilities. The implementation of a shared system promotes a cost-effective and more spectrally efficient solution to emergency communications, and enables greater interoperability and increased capacity to end-users through advanced technologies.

Bear River Region Project



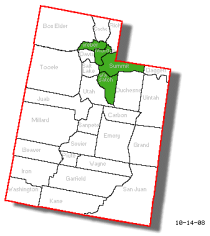
Federal Amount:	$ 2,500,000
Non-Federal Match Amount:	$ 625,000
Total Project Cost:	**$ 3,125,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Bear River region includes Box Elder, Cache, and Rich counties. The region encompasses the northern area of Utah bordering the State of Idaho, Nevada, and Wyoming. Virtually all local public safety entities operating in the region use conventional VHF radio channels, while State agencies use 800 MHz equipment on a trunked radio network. Interoperability between the systems is limited. Radio coverage from the VHF and 800 MHz systems is generally not overlapping. This Investment expands the existing 800 MHz footprint and transitions the primary public safety agencies to the 800 MHz trunked system. The technology will not only improve spectrum efficiency, it will also expand coverage and improve interoperability for all public safety agencies operating in the region. The Investment will also provide for the establishment of regional standard operating procedures for emergency communications which is expected to result in a more coordinated and collaborative approach to emergency communication and response.

Weber/Summit 800 MHz Project



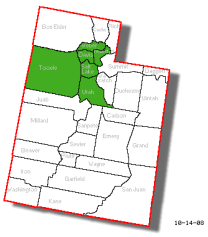
Federal Amount:	$ 820,000
Non-Federal Match Amount:	$ 205,000
Total Project Cost:	**$ 1,025,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Weber/Summit region is located in the North Central Area, including Morgan, Summit, Weber, and Wasatch Counties and borders the State of Wyoming. State and local government public safety entities operating in the populated areas of this region use 800 MHz equipment on a trunked radio network; whereas, agencies operating in the sparsely populated areas of this same region use conventional VHF channels. This Investment expands existing 800 MHz coverage to facilitate communications interoperability between users operating on the VHF and 800 MHz systems. The Investment enables interoperability between Federal, State and local public service agencies and expands coverage in a region where interoperability between systems is limited.

Wasatch Front Region Project



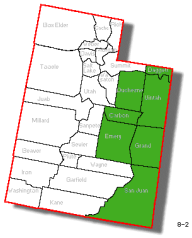
Federal Amount:	$ 145,000
Non-Federal Match Amount:	$ 36,250
Total Project Cost:	**$ 181,250**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Wasatch Front Region includes Davis, Morgan, Salt Lake, Tooele, Utah and Weber Counties. The region is located in the North Central area of the State and includes Salt Lake City. The State and local government public safety entities operating in the Wasatch Front region are on VHF or 800 MHz, which has approximately 90% overlapping coverage. This provides operability for agencies within the region and interoperability for agencies traveling into the region from other areas of the State. While the region has achieved basic levels of operability and interoperability, disaster contingency planning has identified several potential communications interoperability problems that could threaten communications during an incident of emergency or disaster. This Investment will establish pre-positioned communications resources that will improve disaster readiness in the region.

Eastern Utah Project



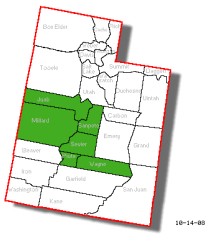
Federal Amount:	$ 1,519,608
Non-Federal Match Amount:	$ 379,902
Total Project Cost:	**$ 1,899,510**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Eastern Utah borders the Staets of Wyoming, Colorado, New Mexico, and Arizona. Almost all of the local public safety agencies operating in this region use conventional VHF radio channels. Many of the State and local public safety agencies traveling into the same area use 800 MHz equipment. As with the other Investments, interoperability between the two systems is very limited. This Investment will expand the existing State Department of Technology Services 800 MHz system. A portion of the funds will be used to expand the 800 MHz system and the VHF narrowband network infrastructure, while providing Internet Protocol (IP)-based backhaul for the required circuits. The remaining funds will be used by local governments to upgrade PSAP dispatch center consoles and end-user equipment. These system upgrades will improve interoperability for all public safety agencies in the region through expanded coverage and increased connectivity.

Six County Region Project



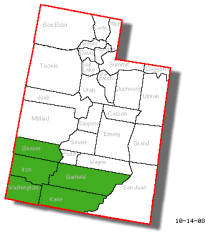
Federal Amount:	$ 186,000
Non-Federal Match Amount:	$ 46,500
Total Project Cost:	**$ 232,500**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Six County region includes Juab, Millard, Sanpete, Sevier, Piute, and Wayne counties. This region also borders the State of Nevada. The majority of local public safety entities in the Six County Region operate on conventional VHF radio channels. Interoperability between the VHF system and the statewide 800 MHz systems is very limited. This Investment will expand the existing State Department of Technology Services 800 MHz system. Approximately half of the funds will be used to expand the 800 MHz system and the VHF narrowband network infrastructure. The remaining funds will be used by local governments to upgrade PSAP dispatch center consoles and end-user equipment.

Southwestern Region Project



Federal Amount:	$ 2,392,000
Non-Federal Match Amount:	$ 598,000
Total Project Cost:	**$ 2,990,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Southwestern Region includes Beaver, Iron, Garfield, Kane, and Washington counties. The region borders with the States of Nevada and Arizona. All local public safety entities operating in the region use conventional VHF radio channels, which does not interoperate with the statewide 800 MHz system. This Investment will use approximately 50 percent of the funds to expand the 800 MHz system and the VHF narrowband network infrastructure, while providing Internet Protocol (IP)-based backhaul for the required circuits. The remaining funds will be used by local governments to upgrade PSAP dispatch center consoles and end-user equipment. These system upgrades will improve interoperability for all public safety agencies in the region through expanded coverage and increased connectivity.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$	0
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**0**

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. Utah, however, chose not to utilize its PSIC funds in this manner.

Statewide Planning

Federal Amount	$	0

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. Utah, however, chose not to utilize its PSIC funds in this manner.

Vermont (VT)

PSIC Federal Award: $4,476,761

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Vermont Communications (VCOMM) Statewide Lifeline	$4,476,761
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$4,476,761**

Pass Through: The Vermont Communications Board (VCOMM) entered into Memoranda of Understanding with the major public safety Associations within the State. These agreements authorize VCOMM to expend PSIC grant funding on behalf of the locals in accordance with program guidelines.

Strategic Technology Reserve (STR): The State of Vermont submitted a written request for a waiver of the STR requirement. The request demonstrated that Vermont maintains adequate resources in the event of a critical failure of the public safety systems, and Vermont was granted an STR waiver.

Investments

Vermont Communications Statewide Lifeline

Federal Amount:	$ 4,476,761
Non-Federal Match Amount:	$ 1,255,577
Total Project Cost:	**$ 5,732,338**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Legacy radio systems and Vermont's unique geography have resulted in limited interoperability for first responders. VCOMM will use PSIC grant funding to reprogram all first responders' radios (i.e., fire, police, emergency medical services) and to upgrade technology at 32 communications towers and 11 Public Safety Answering Points (PSAPs) in order to facilitate the use of national mutual aid channels. The system will provide an interoperable communications platform for all first responders and partners to utilize during any multi-agency responses whether natural or man-made.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$	0
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**0**

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. Vermont, however, chose not to allocate its available PSIC funds in this manner.

Statewide Planning

Federal Amount	$	0

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. Vermont, however, chose not to allocate its available PSIC funds in this manner.

Virginia (VA)

PSIC Federal Award: $25,012,521

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$2,300,000
Northern Virginia (NoVA) Data Interoperability Project	$4,985,641
Technology: Connectivity and Sustainability	$5,614,700
Communications Infrastructure and National Interoperability Channels	$5,492,479
Tactical Interoperability Solutions: State Agency Gateways	$3,424,701
Tactical Interoperability Solutions: Local Agency Gateways	$680,000
Portable and Mobile Devices	$1,325,000
Management and Administration (M&A)	$750,000
Statewide Planning	$440,000
Total PSIC Award	**$25,012,521**

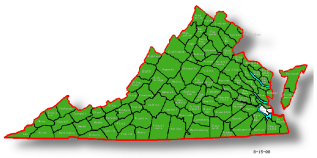
Pass Through: The Commonwealth of Virginia fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal government bodies or authorized nongovernmental agencies.

Strategic Technology Reserve (STR): Virginia allocated $2,300,000 to its STR Investment.

Investments

Strategic Technology Reserve (STR)

Federal Amount:	$ 2,300,000
Non-Federal Match Amount:	$ 386,695
Total Project Cost:	**$ 2,686,695**



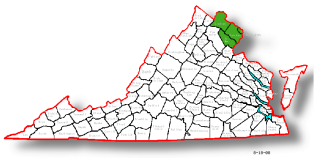
98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Virginia has only a few large caches of radios available to respond to a major event, such as a natural disaster or terrorist event. The Virginia Statewide Communications Interoperability Plan indicated a need for five radio caches and one mobile communications vehicle, deployable to any area of the State within two hours to increase the preparedness of the Commonwealth. At this time, Virginia has partially funded three larger radio caches in urban areas and two smaller caches in rural regions. The PSIC STR funding will be applied toward completion of the three strategic radio caches and the acquisition of a mobile communications vehicle. Virginia has committed to utilizing radios that are Project 25 (P25)-compliant, able to communicate on the 700/800 MHz frequencies and programmed for National Interoperability Channels to achieve the greatest interoperability among users and systems. This Investment will advance the State's goal of increasing preparedness and response to major incidents, including natural disasters and terrorist attacks. A portion of the funding will be distributed to localities to provide training on the new equipment. This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Northern Virginia (NoVA) Data Interoperability Project

Federal Amount:	$ 4,985,641
Non-Federal Match Amount:	$ 1,095,458
Total Project Cost:	**$ 6,081,099**



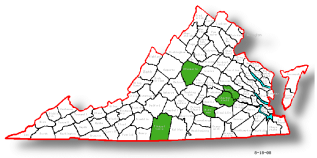
90%* Acquisition & Deployment	**4%** Training & Exercise	**6%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the public safety agencies in the City of Alexandria, Arlington County, and Fairfax County operate as one department for day-to-day and all hazards response. While recent investments have enhanced voice communications, disparities in mission critical systems have hindered the seamless exchange of data and encumbered information sharing among first responders. The Investment will use Service Oriented Architecture (SOA) technology and standards, such as the National Information Exchange Model (NIEM), to create a data exchange hub (DEH) that will transform critical data into an interoperable format for use by public safety agencies. It will enable public safety agencies across the region, in real-time, to share mission-critical information and location of equipment and personnel. Additionally, a portion of the Investment will be used for development of training materials for Northern Virginia jurisdictional help desk personnel on the use and application of the DEH. This Investment will enhance voice and data capabilities for public safety agencies and improve mission critical communication and response.

Technology: Connectivity and Sustainability

Federal Amount:	$ 5,614,700
Non-Federal Match Amount:	$ 262,800
Total Project Cost:	**$ 5,877,500**



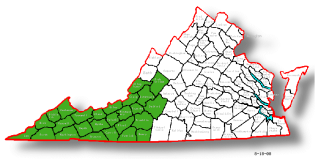
98%* Acquisition & Deployment	**1%** Training & Exercise	**1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Across central Virginia, there is a disparity in the technologies employed to achieve interoperability; some agencies rely on gateways for interoperability while the others use shared channels or proprietary-shared systems. This Investment will provide funding to connect several cities and counties in Central Virginia to the Statewide Agencies Radio System (STARS) – Virginia's statewide network that provides multi-channel trunked digital voice and data wireless communications. A portion of this Investment also provides for training of employees on the new equipment, developing new standard operating procedures, and implementing routine system testing and maintenance procedures. This Investment will move many localities closer to a standards-based shared system and compatibility across a large area of the Commonwealth.

Communications Infrastructure and National Interoperability Channels

Federal Amount:	$ 5,492,479
Non-Federal Match Amount:	$ 398,500
Total Project Cost:	**$ 5,890,979**



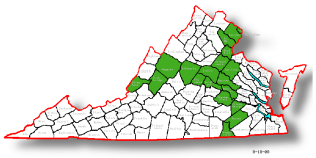
93%* Acquisition & Deployment	**0%** Training & Exercise	**7%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

A high percentage of the interoperable equipment in Southwestern Virginia is outdated. To maximize existing infrastructure, this Investment will leverage western Virginia's large number of VHF legacy systems, expanding the VHF coverage area to support interoperability in the southwest region with the help of additional repeaters. In addition, the southwest region will program radios to operate on the national VHF interoperability channels (VTAC) which will facilitate interoperability and mutual aid. This Investment will increase communications across disparate systems, will be compatible with the Virginia Strategic Technology Reserve (STR) and Statewide Agencies Radio System (STARS) and will increase communications among first responders across a wide region.

Tactical Interoperability Solutions: State Agency Gateways

Federal Amount:	$ 3,424,701
Non-Federal Match Amount:	$ 684,940
Total Project Cost:	**$ 4,109,641**



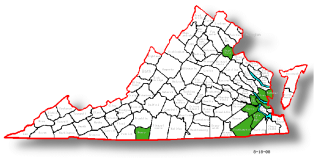
95%* Acquisition & Deployment	**<3%** Training & Exercise	**<3%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Three State agencies (Health, Transportation, and State Police) have a need to improve their interoperable communications. There are no gateways installed at transportation facilities and only a limited number of gateways are installed in localities along the Central Virginia secondary evacuation routes. These agencies have worked together to identify locations for installing gateways that will allow all first responders, including those from State agencies, to interoperate across multiple frequency bands. This Investment supports the purchase and installation of additional gateways along the secondary evacuation routes in the State. This system of gateways will reduce the risk of inoperable communications for the localities along the route, the EMS/911 responders moving along the evacuation route, as well as for transportation officials and transit authorities.

Tactical Interoperability Solutions: Local Agency Gateways

Federal Amount:	$ 680,000
Non-Federal Match Amount:	$ 1,151,000
Total Project Cost:	**$ 1,831,000**



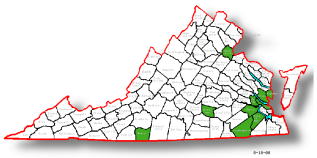
96%* Acquisition & Deployment	**3%** Training & Exercise	**2%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Two areas of Virginia (Stafford County and the Hampton Roads areas) have identified that tactical audio switches and equipment upgrades are needed in their incident command vehicles in order to be compliant with P25 and to leverage satellite systems. Similarly, Henry County (serving 5 localities) needs to install gateways that will allow for communications between disparate systems. Virginia will use PSIC funds in this Investment to address these local communication needs. In-house training will be provided to end-users and technical support personnel on all equipment and operating procedures. A total of 30 localities will benefit from this solution which will allow communication across existing systems and connections for users of various frequency bands (VHF, UHF, and 700/800 MHz).

Portable and Mobile Devices

Federal Amount:	$ 1,325,000
Non-Federal Match Amount:	$ 3,677,000
Total Project Cost:	**$ 5,002,000**



99%* Acquisition & Deployment	**1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The localities in Homeland Security Region IV (Hampton Roads), Stafford County, Henry County, and Nottoway County operate on older analog and portable radios. This Investment provides funding to upgrade older analog mobile and portable radios used in these regions and acquire advanced technology (gateways equipment) that provides narrowbanding capabilities. The technology, equipment and subscriber software will provide an opportunity to move these localities towards Project 25 (P25) compliance and enable them to purchase newer equipment without replacing all subscriber radios. This Investment reflects a joint effort by law enforcement, fire, emergency management services, government and nongovernmental agencies to increase interoperability and improve response. In-house training and exercises will be provided to all end-users and technical support personnel will be fully trained on equipment and procedures, including equipment operation during a major emergency or disaster.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 750,000
Non-Federal Match Amount:	$ 150,000
Total Project Cost:	**$ 900,000**

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	$ 440,000

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.

Washington (WA)

PSIC Federal Award: $19,180,347

(Awarded September 30, 2007)

Summary

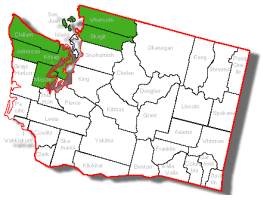
PSIC Investment Justification	Federal Funds
Homeland Security Regions 1 and 2 Interoperability	$7,378,500
Spokane-Kootenai Regional Emergency Communications System	$1,919,800
Pierce County Interoperable Multi-Jurisdictional, Multi-Discipline Radio Network	$2,313,115
King County South Loop Microwave	$1,935,995
Puget Sound Next-Generation Voice/Data System—UASI	$3,417,274
Puget Sound Next-Generation Voice/Data System—Thurston County	$1,620,253
Management and Administration (M&A)	$575,410
Statewide Planning	$20,000
Total PSIC Award	**$19,180,347**

Pass-through: The State of Washington fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal governments or authorized nongovernmental public safety agencies.

Strategic Technology Reserve (STR): Washington submitted a written STR waiver request based on the fact that Washington had previously invested in an STR. The State currently maintains adequate mobile and deployable communications resources (e.g., deployable communications trailer capable of satellite, VHF, UHF, and 800 MHz connectivity, radio cache,) to re-establish communications if existing critical infrastructure is damaged or destroyed, and was therefore granted a full waiver.

Investments

Homeland Security Regions 1 and 2 Interoperability



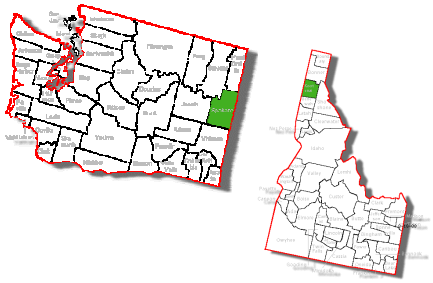
Federal Amount:	$ 7,378,500
Non-Federal Match Amount:	$ 1,627,674
Total Project Cost:	**$ 9,006,174**

98%* Acquisition & Deployment	**1%** Training & Exercise	**1%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Emergency operation centers (EOC), public safety answering points (PSAP), and local agencies in Homeland Security Regions 1 and 2 currently operate on disparate radio systems and cannot communicate easily. This Investment will enable the State to connect an existing microwave backbone in Homeland Security Region 2 with a new microwave backbone in Region 1 to increase interoperability among first responders. Funding will be used to deploy a microwave backbone, install additional microwave spurs in strategic locations, deploy a Radio over Internet Protocol (RoIP) network, install additional crossband repeaters, install an emergency generator at a tribal EOC, simulcast the Skagit County Sheriff's frequency, install a microwave satellite integration gateway (MSIG) hub, and complete a needs assessment for a joint PSAP/EOC facility. This Investment will facilitate interoperability in Homeland Security Regions 1 and 2, expand coverage and increase capabilities among Federal, State, local, and tribal public safety agencies and nongovernmental organizations (NGO), and ready the State for the 2010 Olympics.

Spokane-Kootenai Regional Emergency Communications System



Federal Amount:	$ 1,919,800
Non-Federal Match Amount:	$ 653,000
Total Project Cost:	**$ 2,572,800**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

A study completed in 2003 indicated that there was no unified means of interoperability for first responders in the Spokane region. Multi-agency responses in the Spokane, Washington region and in the neighboring Kootenai, Idaho region have been inhibited by inadequate radio coverage, the lack of available channels, and incompatibilities that exist between primary and backup equipment and systems. This Investment will provide for the creation of a 700 megahertz (MHz) Project 25 (P25) digital simulcast radio system that will integrate existing radio systems that operate on various frequency bands. It will use digital and VHF channels linked through a master switch to provide interoperable voice and data communications. This Investment will use advance technology solutions and standards-based equipment to provide a means for disparate systems to communicate and for first responders and State agencies to interoperate.

Pierce County Interoperable Multi-Jurisdictional, Multi-Discipline Radio Network

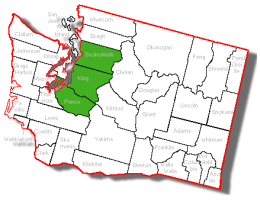
Federal Amount:	$ 2,313,115
Non-Federal Match Amount:	$ 579,661
Total Project Cost:	**$ 2,892,776**

98%* Acquisition & Deployment	**2%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Disparate radio and dispatch networks currently make communications difficult within Pierce County. The primary purpose of this Investment is to upgrade all dispatch centers to the same technology and link PSAPs and dispatch centers to a common regional network. The County will also develop standard operating procedures and training for all users. This Investment will allow all critical dispatch centers in Pierce County to communicate with one another and provide backup support when needed. This will allow users to talk on critical radio systems in the County and patch together any channels in the County so that first responders can communicate with each other. This Investment will increase interoperability for City agencies, EOCs, Tribal Police, Washington State Patrol, Tacoma Port Authority, Piece County Sheriff's Department, and first responders.

King County South Loop Microwave



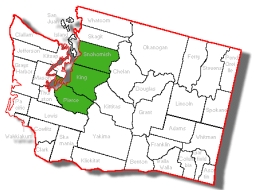
Federal Amount:	$ 1,935,995
Non-Federal Match Amount:	$ 494,485
Total Project Cost:	**$ 2,430,480**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

King County Emergency Radio System (KCERS) is an aging 800 MHz trunked radio system with two microwave loops owned by four owner-agencies. The North Loop was upgraded to a higher capacity network, but the South Loop did not receive that upgrade. This Investment will address the gap in the South Loop and allow the County to design and install a high capacity digital microwave network capable of transmitting voice and data. The Investment will provide additional capacity to accommodate more users and long-term expansion capabilities. This P25-compliant network will support the necessary capability expansions in King County, and provide backhaul to link disparate systems. The upgrades will enable interoperability for State and County agencies and first responders operating in the region.

Puget Sound Next-Generation Voice/Data System—UASI



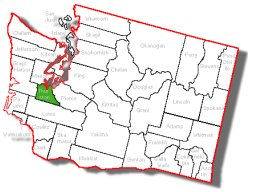
Federal Amount:	$ 3,417,274
Non-Federal Match Amount:	$ 1,463,074
Total Project Cost:	**$ 4,880,348**

99%* Acquisition & Deployment	**<1%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Existing voice radio systems in the Puget Sound area are not compatible. VHF/UHF subscriber units used by first responders in neighboring counties will not operate with the Seattle Urban Area 800 MHz trunked system. The 800 MHz subscriber units in the Seattle area will not work on the UHF/VHF systems outside the urban area. This Investment will fund an IP-based P25-compliant switch capable of switching voice/data traffic and consoles to allow interoperability between disparate systems. This Investment will replace current technology with P25-compliant equipment that will enable interoperability between multiple agencies and jurisdictions. The new equipment, operating in the 700 MHz band, will allow for interoperable communication within the Seattle Urban Area Security Initiative (UASI) and in the surrounding counties, and will allow for the expansion of the P25 network to accommodate other counties and agencies in the region.

Puget Sound Next-Generation Voice/Data System—Thurston County



Federal Amount:	$ 1,620,253
Non-Federal Match Amount:	$ 404,973
Total Project Cost:	**$ 2,025,226**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the State Capitol emergency radio system has limited coverage, lacks adequate redundancy, and is unable to connect with the regional system. This Investment will connect the current Thurston County Network with the Tri-County Seattle area through the installation of high-capacity digital microwave links at existing remote radio sites. The P25 switch will use a high capacity digital microwave backbone to provide voice and data communications and enhance emergency mutual aid for first responders. In addition, secure data sharing will become possible within local governments and between State government agencies. As a result of this Investment, coverage for public safety emergency responders will be expanded, interoperability between State and local agencies will be enhanced, and communications between response agencies that provide assistance along the Interstate-5 corridor will be improved.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 575,410
Non-Federal Match Amount:	$ 115,082
Total Project Cost:	**$ 690,492**

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	$20,000

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.

West Virginia (WV)

PSIC Federal Award: $8,429,484

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Mobile and Portable Radios	$500,000
Gateways	$204,484
Tower and Microwave Radios	$4,900,000
Consoles	$275,000
Mobile and Portable Radios for Individual Radio Users	$2,350,000
Satellite Radio Gateways	$200,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	**$8,429,484**

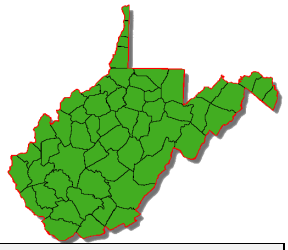
Pass Through: The State of West Virginia fulfilled the PSIC Grant Program's requirement by passing through a minimum of 80 percent of the total award amount to local or tribal government bodies or authorized nongovernmental public safety agencies.

Strategic Technology Reserve (STR): The State of West Virginia submitted a written request for a waiver of the STR requirement. The request demonstrated that West Virginia maintains adequate resources in the event of a critical failure of the public safety systems, and West Virginia was granted its STR waiver.

Investments

Mobile and Portable Radios

Federal Amount:	$ 500,000
Non-Federal Match Amount:	$ 100,000
Total Project Cost:	**$ 600,000**



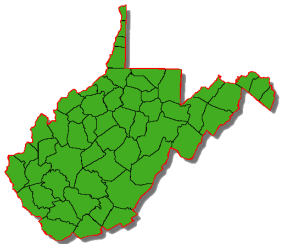
100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Tri-County Tactical Interoperable Communications Plan (TICP) provided the backbone for the statewide system, including radios and towers. This Investment will lead to improved interoperability for all agencies within the TICP. This Investment provides funding for the acquisition of radios. Early indications are that the area will need over 100 mobile and 100 portable radios to meet the gap requirements. This Investment will build on the Interoperable Radio Project (IRP) backbone used by many agencies (e.g., city/county law enforcement, emergency medical services, volunteer fire departments, Department of Transportation). This technology meets the standard for the existing radios in the TICP area and will ensure connectivity to the multi-disciplines and multi-agencies in the Tri-County area. Fulfillment of this Investment will ensure the Tri-County is 100 percent IRP-compliant and meets all users' needs, including the nongovernmental organizations (NGO).

Gateways

Federal Amount:	$ 204,484
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 204,484**

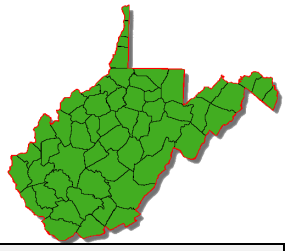


100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State of West Virginia is migrating to a 450 megahertz (MHz) statewide radio system. Throughout the State, public safety officials, emergency responders, and NGOs use a variety of radio frequencies and technologies. The State is approximately 50 percent complete in its migration to a full 450 MHz trunked system. This Investment provides funding for the purchase of ten gateways, one for each of the six West Virginia Homeland Security Regions, and the cities of Huntington, Wheeling, Martinsburg, and Charleston. The gateways will integrate law enforcement, emergency responders, and emergency medical services immediately into the overall system by allowing full interoperable communications.

Tower and Microwave Radios



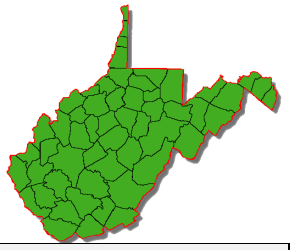
Federal Amount:	$ 4,900,000
Non-Federal Match Amount:	$ 3,000,000
Total Project Cost:	**$ 7,900,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Many regions within the State of West Virginia have limited coverage. This Investment calls for the purchase of radio equipment that will bring State, regional, county, and local public safety agencies into the overall interoperable communications system. The tower radios requested within this initiative will be trunked, P25-compliant equipment and compatible with existing radios on existing towers. The radios will integrate law enforcement, emergency responders, and emergency medical services into the overall system.

Consoles



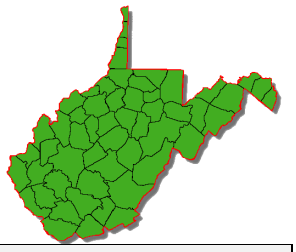
Federal Amount:	$ 275,000
Non-Federal Match Amount:	$ 18,950
Total Project Cost:	**$ 293,950**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Currently, the 9-1-1 centers in WV do not have access to the statewide backbone system. Although, some local and county agencies are on the overall system, a major shortfall occurs because of the lack of full dispatch capability at the local level. The Investment will bridge this communications gap by funding the acquisition of 55 base radios, which will be installed in the 9-1-1 centers. Adding 1 base radios to each county 9-1-1 center (55 total centers) will support day-to-day operations and advance interoperable communications by providing them with full access to the West Virginia interoperable backbone.

Mobile and Portable Radios for Individual Radio Users



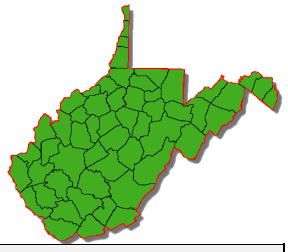
Federal Amount:	$ 2,350,000
Non-Federal Match Amount:	$ 105,000
Total Project Cost:	**$ 2,455,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Significant communications shortfalls occur due to the lack of sufficient mobile and portable radios within the six State Homeland Security Regions. This Investment will provide for the acquisition of P25 mobile radios for first responders across the State. Mobile radios will be installed in local and county police, fire, emergency medical service, Office of Emergency Services (OES), 9-1-1, and other response vehicles within the six State Homeland Security Regions. Portable radios will be installed as necessary for non-vehicular applications. Through this acquisition, all regions will have additional ability to connect to the various response agencies located in their areas of responsibility.

Satellite Radio Gateways



Federal Amount:	$ 200,000
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 200,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Due to West Virginia's geographic features, the statewide network will not provide adequate coverage to all areas in the State. This Investment provides funding for the acquisition of 10 satellite radio and telephone gateway (SRTG) systems. The SRTG system has the capability to interconnect the West Virginia 450 MHz backbone, cellular phones, commercial phones, VHF, UHF, and other radio signals to ensure continuity of operations during emergency response situations and incidents. The SRTGs will provide service in those areas until the expansion of the statewide network.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$	0
Non-Federal Match Amount:	$	0
Total Project Cost:	**$**	**0**

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. West Virginia, however, chose not to allocate PSIC funds in this manner.

Statewide Planning

Federal Amount	$	0

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. West Virginia, however, chose not to allocate PSIC funds in this manner.

Wisconsin (WI)

PSIC Federal Award: $15,367,216
(Awarded September 30, 2007)

Summary

Investments are pending approval.

Wyoming (WY)

PSIC Federal Award: $5,952,187

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR)	$460,988
NIMS Communication Unit Training for All-Hazards Response	$1,190,437
Interoperability Portable Radio Coverage Enhancements	$1,500,000
800 Megahertz (MHz) Connectivity for Interoperability	$500,000
Statewide Dispatch Center Connectivity and Redundancy for Interoperability	$1,500,000
Mobile and Portable Radio Purchases for Interoperability	$622,197
Management and Administration (M&A)	$178,565
Statewide Planning	-
Total PSIC Award	**$5,952,187**

Pass Through: The State of Wyoming fulfilled the PSIC Grant Program requirement by passing through a minimum of 80 percent of the total award amount to local or tribal governments or authorized nongovernmental agencies.

Strategic Technology Reserve (STR): Wyoming allocated $460,988 to its STR Investment.

Investments

Strategic Technology Reserve (STR)

Federal Amount:	$ 460,988
Non-Federal Match Amount:	$ 115,247
Total Project Cost:	**$ 576,235**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Wyoming has developed seven regional response teams and two mobile support vehicles (MSV) for responding to natural and man-made disasters. Each regional response team has communication capabilities and gateways to enable interoperability with agencies in the region. The State has identified a need for additional Project 25 (P25) radios that will be strategically placed throughout the State to enable interoperability between regional response teams and local agencies. This STR investment will provide a cache of P25 radios in each of the seven regions and each MSV to enable interoperability in multi-agency, multi-jurisdictional response efforts. This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to re-establish communication when critical infrastructure is damaged or destroyed.

NIMS Communication Unit Training for All-Hazards Response

Federal Amount:	$ 1,190,437
Non-Federal Match Amount:	$ 0
Total Project Cost:	**$ 1,190,437**

0%* Acquisition & Deployment	**100%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Wyoming is developing WyoLink, a statewide digital trunked VHF Project 25 (P25)-compliant public safety communications system to achieve interoperability between local, State and federal public safety agencies. This Investment will provide training to all public safety agencies on the operation, policies, and procedures of the new system. The Investment will implement a training program that will provide classroom and practical radio training to all public safety agency personnel, and will focus on inter-agency and all-hazards communication. Local dispatch center personnel will receive additional training for the operation of dispatch consoles within a trunking system. In addition, Wyoming will provide Department of Homeland Security (DHS) Communications Unit Leader (COML) training to at least two people from each of the seven regional response areas and to Wyoming Office of Homeland Security communications personnel. The training and exercises provided by this Investment will develop communication unit leaders in each of the regional response regions and will improve interoperability between first responders and local, State, and Federal public safety agencies.

Interoperability Portable Radio Coverage Enhancements

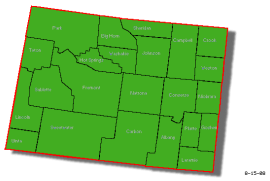
Federal Amount:	$ 1,500,000
Non-Federal Match Amount:	$ 375,000
Total Project Cost:	**$ 1,875,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The Wyoming Public Safety Communications Commission has been presented concerns about portable radio coverage. Areas of critical concern have been identified through testing and through a cooperative effort with local public safety providers. This Investment will help provide the radio equipment at local area radio sites for the improvement of portable radio coverage. Each site will consist of a tower for antennas, shelter for radio equipment, electrical power, back-up generator, and equipment for five-channel VHF trunking site. Once connected to the WyoLink system, the enhancements site will resemble all of the radio suites used on the overall system.

800 Megahertz (MHz) Connectivity for Interoperability



Federal Amount:	$ 500,000
Non-Federal Match Amount:	$ 125,000
Total Project Cost:	**$ 625,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Wyoming is developing a digital trunked VHF public safety communications system; however, Casper and Cheyenne continue to operate on existing 800 MHz systems. In order for the users of the 800 MHz systems to interoperate on WyoLink VHF system, portable and mobile radios will require firmware and software upgrades. This Investment will upgrade Natrona County/Caspar and Cheyenne Fire systems and provide a direct connect to the WyoLink Master Site, which will enable seamless interoperability between State and local public safety agencies.

Statewide Dispatch Center Connectivity and Redundancy for Interoperability

Federal Amount:	$ 1,500,000
Non-Federal Match Amount:	$ 375,000
Total Project Cost:	**$ 1,875,000**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

Dispatch center connectivity to WyoLink is a key component of a shared statewide trunking system. This Investment will provide P25 digital trunking control stations, combiners, and antenna systems to complete the redundant wireless connectivity between dispatch centers and WyoLink. This Investment will provide continued dispatch center connectivity during a catastrophic failure of the wire-line connection, thereby improving the reliability of the system for multi-jurisdictional, multi-disciplinary all-hazard communications.

Mobile and Portable Radio Purchases for Interoperability

Federal Amount:	$ 622,197
Non-Federal Match Amount:	$ 155,549
Total Project Cost:	**$ 777,746**

100%* Acquisition & Deployment	**0%** Training & Exercise	**0%** Planning & Coordination

**Percentages include both Federal and non-Federal Match funds.*

The State's Public Safety Mobile Communications Plan estimated that there would be a need for 5000 portable radios and 6300 mobile radios if all public safety agencies within Wyoming use the statewide system (WyoLink). The State has already purchased approximately 2300 portable radios and 2400 mobile radios for public safety agencies migrating from their current VHF analog systems to WyoLink. This Investment will allow for the purchase of additional P25-compliant radios, with backward compatibility with conventional VHF radio systems that will be interoperable between agencies and operable on the WyoLink system.

PSIC Administration and Statewide Planning Costs

Management and Administration (M&A)

Federal Amount:	$ 178,565
Non-Federal Match Amount:	$ 44,641
Total Project Cost:	**$ 223,206**

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

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. Wyoming chose not to utilize its PSIC funds in this manner.