



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

Eastern Utah borders the States 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
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**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
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**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
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The State was allowed to retain up to five percent of the total PSIC award for Statewide Planning costs associated with the incorporation of the PSIC criteria into the Statewide Communication Interoperability Plan (SCIP). The Statewide Planning period of performance was April 1, 2007–December 3, 2007, with the submission of the SCIP. Utah, however, chose not to utilize its PSIC funds in this manner.
