



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
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**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
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**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
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**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
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**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
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**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
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**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
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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. West Virginia, however, chose not to allocate PSIC funds in this manner.
