



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
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**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
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**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
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**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
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**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
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**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
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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.