



# 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
<b>Total PSIC Award</b>	<b>\$13,585,399</b>

**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
<b>Total Project Cost:</b>	<b>\$ 1,162,169</b>

<b>97%*</b> Acquisition & Deployment	<b>3%</b> Training & Exercise	<b>0%</b> Planning & Coordination
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*\*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
<b>Total Project Cost:</b>	<b>\$ 13,932,505</b>

<b>99%*</b> Acquisition & Deployment	<b>&lt;1%</b> Training & Exercise	<b>&lt;1%</b> Planning & Coordination
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*\*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
<b>Total Project Cost:</b>	<b>\$ 1,110,000</b>

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

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 facilitate 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
<b>Total Project Cost:</b>	<b>\$ 85,000</b>

<b>0%*</b> Acquisition & Deployment	<b>71%</b> Training & Exercise	<b>29%</b> Planning & Coordination
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*\*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
<b>Total Project Cost:</b>	<b>\$ 600,000</b>

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

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.

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## PSIC Administration and Statewide Planning Costs

### Management and Administration (M&A)

Federal Amount:	\$ 20,000
Non-Federal Match Amount:	\$ 5,000
<b>Total Project Cost:</b>	<b>\$ 25,000</b>

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

### Statewide Planning

Federal Amount	\$10,660
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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.