



# 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	-
<b>Total PSIC Award</b>	<b>\$19,672,287</b>

**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
<b>Total Project Cost:</b>	<b>\$ 12,565,149</b>



<b>99%*</b> Acquisition & Deployment	<b>&lt; 1%</b> Training & Exercise	<b>&lt; 1%</b> 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
<b>Total Project Cost:</b>	<b>\$ 8,712,500</b>



<b>98%*</b> Acquisition & Deployment	<b>1%</b> Training & Exercise	<b>1%</b> 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
<b>Total Project Cost:</b>	<b>\$ 2,490,000</b>

<b>98%*</b> Acquisition & Deployment	<b>2%</b> Training & Exercise	<b>0%</b> 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
<b>Total Project Cost:</b>	<b>\$ 737,710</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	\$ 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.