



Kentucky (KY)

PSIC Federal Award: \$15,405,625

(Awarded September 30, 2007)

Summary

PSIC Investment Justification	Federal Funds
Kentucky Mobile Communication Centers (MCC) — Strategic Technology Reserve (STR)	\$1,624,275
Kentucky Strategic Voice Mutual Aid System	\$11,261,350
Louisville Metro Mutual Aid Enhancement Project	\$2,520,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	\$15,405,625

Pass Through: The Kentucky Office of Homeland Security (KOHS) entered into a Memorandum of Understanding with the Kentucky Association of Counties and also received concurrence letters from the Area Development Districts. The agreements authorize KOHS to expend PSIC grant funding in the amount of \$19,527,031 on behalf of the locals in accordance with program guidelines.

Strategic Technology Reserve (STR): Kentucky allocated \$1,624,275 to its STR Investment.

Investments

Kentucky Mobile Communication Centers (MCC)—Strategic Technology Reserve (STR)

Federal Amount:	\$ 1,624,275
Non-Federal Match Amount:	\$ 406,069
Total Project Cost:	\$ 2,030,344



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

The State currently has limited capabilities to quickly re-establish communications after a system-wide failure. This Investment provides funding for the acquisition of seven Mobile Control Centers (MCCs) and the upgrade of two existing Mobile Communications Vehicles (MCVs). The MCCs will use a combination of mobile repeater systems for the State Mutual Aid voice channels, frequency patching technology, and wireless repeaters for the State's mobile data network. This Investment satisfies the program requirement to develop and implement a Strategic Technology Reserve (STR) that is pre-positioned, deployable, and able to reestablish communications when critical communications equipment is damaged or destroyed.

Kentucky Strategic Voice Mutual Aid System

Federal Amount:	\$ 11,261,350
Non-Federal Match Amount:	\$ 2,815,338
Total Project Cost:	\$ 14,076,688



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

Kentucky implemented its Mutual Aid Interoperability Radio Network in 2004. While the system provides seamless communications during emergencies and major disasters, the network is limited to one open channel per frequency band in a given region. To alleviate channel congestion, this Investment will fund the acquisition of additional infrastructure (e.g., new base stations) to allow for an additional four or five shared emergency operational channels operating on nationally recognized mutual aid frequencies. This will result in increased coverage and high voice channel capacity, allowing multiple simultaneous conversations to occur during an event.

Louisville Metro Mutual Aid Enhancement Project

Federal Amount:	\$ 2,520,000
Non-Federal Match Amount:	\$ 630,000
Total Project Cost:	\$ 3,150,000



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

The Louisville area currently operates on an ultra high frequency/very high frequency (UHF/VHF) radio infrastructure that is over forty years old and does not have sufficient channel capacity. This Investment will support the enhancement of the MetroSafe 800 megahertz (MHz), digital Project 25 simulcast public radio system and the Kentucky State Police statewide 800 MHz mutual aid system. Additionally, the installation of a redundant controller will ensure enhanced interoperability among first responders in 14 of the State's counties. The Investment covers the Louisville Urban Area Security Initiative, ten surrounding counties in Kentucky, and four additional counties in southern Indiana.

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. Kentucky, however, chose not to allocate its PSIC funds in this way.

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. Kentucky, however, chose not to allocate its PSIC funds in this way.