



Kansas (KS)

PSIC Federal Award: \$10,667,169

Summary

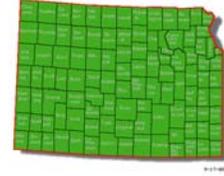
PSIC Investment Justification	Federal Funds
Strategic Technology Reserve (STR): Upgrade of Statewide Mobile Response Emergency Communications Units and Regional Response Teams	\$826,157
Statewide Interoperability Planning	\$533,358
Statewide Interoperability Systems Enhancements and User Equipment	\$8,963,654
Interzone Connection Between Project 25 (P25) Trunked Radio Systems	\$344,000
Management and Administration (M&A)	-
Statewide Planning	-
Total PSIC Award	\$10,667,169

Pass Through: The State of Kansas entered into Memoranda of Understanding with the Homeland Security Regions. The agreements authorize the State to expend PSIC grant funding on behalf of the local entities in accordance with PSIC Program guidelines.

Strategic Technology Reserve (STR): Kansas allocated \$826,157 to its STR Investment.

Investments

Strategic Technology Reserve (STR): Upgrade of Statewide Mobile Response Emergency Communications Units and Regional Response Teams



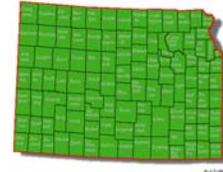
Federal Amount:	\$ 826,157
Non-Federal Match Amount:	\$ 206,539
Total Project Cost:	\$ 1,032,696

98%* Acquisition & Deployment	2% Training & Exercise	0% Planning & Coordination
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**Percentages include both Federal and non-Federal Match funds.*

Kansas has identified a number of gaps regarding its strategic technology reserve (STR). The State maintains a statewide 800 megahertz (MHz) system and has in place an Emergency Response Team that maintains two mobile communications trailers, which are pre-positioned and available for use in the event of disaster. The communication trailers utilize conventional analog 800 MHz and are able to restore communications for mutual aid capacity only. Furthermore, the mobile communications trailers are not Project 25 (P25)-compliant; there is no backup digital trunked radio system (DTRS) tower; and Incident Management Teams (IMTs) positioned across the State to assist in the response lack sufficient interoperable subscriber units. As a result, the mobile communications trailers are unable to fully restore communications for all users or provide the level of emergency communications needed for wide-scale events. This Investment will address these gaps by adding digital trunking capability to both mobile communications trailers, and a P25 system that can support additional users. The State will also acquire 40 P25-compliant subscriber units for each trailer and will pre-position 60 P25-compliant subscriber units with IMT members to be deployed during a disaster or emergency situation. Lastly, the State will use its PSIC funding to provide training on STR resources and exercises on STR assets. This Investment satisfies the PSIC Program requirement to develop and implement an STR that is pre-positioned, deployable, and able to re-establish communications when critical communications equipment is damaged or destroyed.

Statewide Interoperability Planning



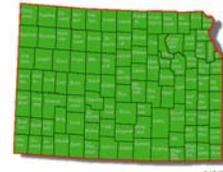
Federal Amount:	\$ 533,358
Non-Federal Match Amount:	\$ 0
Total Project Cost:	\$ 533,358

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

Historically, Kansas has had limited statewide interoperability planning efforts, which has led to a limited establishment and implementation of governance structure; no established central information point for information sharing and resource dissemination; and a lack of standard operating procedures on multiple interoperable communications related topics. This Investment will enable the State to establish regional/metro Advisory Committees that are multi-disciplinary and multi-jurisdictional, which is expected to result in greater coordination and information sharing. The Investment will also enable the State to complete additional assessments to identify and address information gaps, identify standard operating procedures (SOP) and formal agreements in place, and develop SOP and Memorandum of Understanding (MOU) templates for future use. Additional efforts under this Investment include updating and funding the Statewide Communication Interoperability Plan (SCIP), to ensure that implementation of the PSIC Investments are consistent with the SCIP, to develop a website as a central information resource for practitioners, to implement a statewide interoperable communications training and exercise plan, to create a statewide interoperable communications evaluation plan, and to conduct local/regional STR assessments. This Investment is expected to result in greater information sharing, greater coordination and awareness of State resources, and greater interoperability between disciplines and jurisdictions across the State.

Statewide Interoperability Systems Enhancements and User Equipment



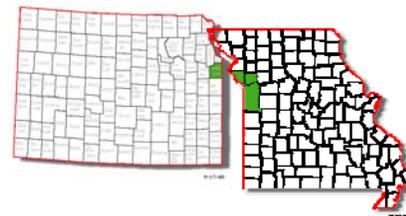
Federal Amount:	\$ 8,963,654
Non-Federal Match Amount:	\$ 2,240,913
Total Project Cost:	\$ 11,204,567

98%* Acquisition & Deployment	2% Training & Exercise	0% Planning & Coordination
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**Percentages include both Federal and non-Federal Match funds.*

Kansas has upgraded its 800 megahertz (MHz) system from a conventional analog system to a P25-compliant, digital trunked radio system (DTRS). Although local jurisdictions and regional systems may utilize the existing statewide system, localities often choose to use available funding to maintain their current (non-800 MHz) equipment. As a result, some local jurisdictions do not yet have connectivity to the statewide system. Additionally, while the State system allows for integration of regional solutions using gateways, funding limitations have prevented the State from equipping all towers with this equipment. This Investment will enable the State to install 39 additional gateways and microwave backhaul on the remaining State towers, which will provide 100 percent coverage across the State for regions seeking to access the statewide system. The gateways will link disparate systems and allow for greater interoperability among users across the State. In addition, the Investment will enable the State to install digital upgrades to the statewide DTRS and to acquire 1,350 P25 subscriber units where DTRS and gateway upgrades are complete. The State will also provide for the completion and dissemination of standard operating procedures (SOP) and training on the equipment, which is expected to result in increased awareness and use of the system for multiple jurisdictions and disciplines across the State.

Interzone Connection Between P25 Trunked Radio Systems



Federal Amount:	\$ 344,000
Non-Federal Match Amount:	\$ 86,000
Total Project Cost:	\$ 430,000

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

The objective of this Investment is to improve interoperable communications for emergency responders across the Kansas City metro area, which spans the borders of Kansas and Missouri. Currently, there are several disparate and proprietary radio systems in the Kansas City metro area – an Urban Area Security Initiative (UASI) region – which includes the Cities of Kansas City (MO) and Kansas City (KS), the counties of Cass, Clay, Jackson, Platte and Ray in Missouri, and the counties of Johnson, Leavenworth, and Wyandotte in Kansas. These systems operate in different bands, provide little coverage outside their jurisdictions, and are spectrally inefficient. Since there is a need for a regional voice radio system that is P25-compliant to allow for full interoperability between disciplines and jurisdictions that serve the Kansas City metro area, this Investment will enable Kansas to link existing systems through the comprehensive integration of P25 radio and infrastructure technology, using P25 ISSI connectivity technology and wide-area, high capacity microwave backhaul technology. This “interzone” link will connect the existing Independence (MO) P25 trunked system and a similar system contracted by Johnson County (KS). The link will also allow users to roam between the two systems seamlessly, increasing interoperability for all users.

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. Kansas, 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. Kansas, however, chose not to allocate PSIC funds in this manner.