



**Homeland
Security**

Science and Technology

Highlight

U.S. Department of Homeland Security



System Assessment and Validation for Emergency Responders

The U.S. Department of Homeland Security (DHS) established the System Assessment and Validation for Emergency Responders (SAVER) Program to assist emergency responders making procurement decisions.

Located within the Science and Technology Directorate (S&T) of DHS, the SAVER Program conducts objective assessments and validations on commercial equipment and systems, and provides those results along with other relevant equipment information to the emergency response community in an operationally useful form. SAVER provides information on equipment that falls within the categories listed in the DHS Authorized Equipment List (AEL). The SAVER Program mission includes:

- Conducting impartial, practitioner-relevant, operationally oriented assessments and validations of emergency responder equipment; and
- Providing information that enables decision makers and responders to better select, procure, use, and maintain emergency responder equipment.

Information provided by the SAVER Program will be shared nationally with the responder community, providing a life- and cost-saving asset to DHS, as well as to Federal, state, and local responders.

The SAVER Program is supported by a network of technical agents who perform assessment and validation activities. Further, SAVER focuses primarily on two main questions for the emergency responder community: "What equipment is available?" and "How does it perform?"

To contact the SAVER Program Support Office
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Visit SAVER on the Responder Knowledge Base

Web site: <https://www.rkb.us/saver>

Law Enforcement Telecommunications Intercept Surveillance Systems

Telecommunications intercept surveillance systems enable law enforcement personnel to gather data for investigative purposes. These systems can be used to track calls to or from a particular number, record audio and data messages, determine the location cell phone calls were placed from, and help determine the scope of an investigation by establishing relationships between callers.

To assist emergency responders making procurement decisions, the U.S. Department of Homeland Security, Science and Technology Directorate, established the System Assessment and Validation for Emergency Responders (SAVER) Program. As a SAVER Technical Agent, Science Applications International Corporation conducted a comparative assessment of telecommunications intercept surveillance systems. Prior to the assessment, a focus group was conducted to identify equipment selection criteria for the assessment, determine evaluation criteria, and recommend assessment scenarios. Results can be found in the *Law Enforcement Telecommunications Intercept Surveillance Systems Focus Group Report*. An application note was also developed.

All reports in this series, including the *Law Enforcement Telecommunications Intercept Surveillance Systems Assessment Report*, will be located in the SAVER section of the Responder Knowledge Base Web site (<https://www.rkb.us/saver>) as they become available. Information on other technologies being evaluated by the SAVER Program can also be found on the website.



Antenna Array