



**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;
- 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?"

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Visit SAVER on the RKB Web site:

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

## Confined Space Air Monitoring Kits

Air monitoring is a critical first step to a confined space entry, as the ability to detect hazards can save the lives of emergency responders and civilians. Confined space air monitoring kits can be equipped with different sensor capabilities, which may include oxygen, toxic, or combustible sensors, or a photo ionization detector. They can also detect from one to five hazards at a time, the most common of which are deficiencies and/or enrichments of oxygen, carbon monoxide, and hydrogen sulfide.

To assist emergency responders in making a procurement decision, the Science and Technology Directorate (S&T) of the Department of Homeland Security (DHS) directed Science Applications International Corporation (SAIC) to conduct a market survey of commercially available equipment. As a result, SAIC produced the *Confined Space Air Monitoring Kits Market Survey Report*.

All reports will be placed in the SAVER section of the RKB 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 Web site.



**Confined Space Air Monitoring Kits**