



**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 responder 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 response equipment; and
- Providing information, in the form of knowledge products, that enables decision makers and responders to better select, procure, use, and maintain emergency response equipment.

Information provided by the SAVER Program will be shared nationally with the emergency 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 Responder Knowledge Base website: <https://www.rkb.us/saver>

Potable Water Distribution Systems

Potable water distribution systems are used by emergency responders to transport, store, and supply drinking water in the event of a natural disaster or other situation where drinking water has been compromised or is unavailable. These systems are typically designed for short-term use and are easily cleaned and refilled to support rapid response.

As a System Assessment and Validation for Emergency Responders (SAVER) Program Technical Agent, Science Applications International Corporation produced the *Potable Water Distribution Systems Procurement Guide* to provide emergency responders with information on current technologies and related equipment to assist with procurement decisions. The guide includes system application information, equipment descriptions, associated standards and regulations, procurement considerations, and a sample of the current marketplace.

All reports in this series will be placed in the SAVER section of the Responder Knowledge Base website (<https://www.rkb.us/saver>) as they become available. Information on other technologies evaluated by the SAVER Program can also be found on the website.



Potable Water Distribution System