



**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 RKB website:

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

## HAZMAT/CBRNE Mobile Apps

Mobile applications, or mobile apps, have been developed specifically to provide guidance to emergency response personnel during hazardous materials (HAZMAT)/chemical, biological, radiological, nuclear, and explosive (CBRNE) events. These apps are able to integrate with many features on mobile devices, enabling them to capitalize on the functionality of global positioning system technology, e-mail, built-in cameras, and notification systems.

To assist emergency responders in selecting the right HAZMAT/CBRNE mobile apps for their jurisdiction, the Space and Naval Warfare Systems Center (SPAWARSYSCEN) Atlantic prepared a series of documents for the System Assessment and Validation for Emergency Responders (SAVER) Program. The *HAZMAT/CBRNE Mobile Apps TechNote* provides an overview of mobile apps and lists examples of mobile apps for emergency responders. The *HAZMAT/CBRNE Mobile Apps Application Note* provides information about the capabilities and operational considerations related to HAZMAT/CBRNE mobile apps.

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.



**First Responder Support Tools (FiRST).**  
Photo courtesy of FEMA.