



**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>

## Generators for Emergency Response

After an emergency, electric power may be unavailable at the incident scene and surrounding area for days or even weeks. Generators can replace damaged electrical power infrastructure or provide deployable electric power for responders. Generators can also provide power to base camps, emergency operation centers, call centers, and community emergency shelters. They support fire response, emergency medical response, mass care, and law enforcement operations. Permanently installed generators provide backup power for emergency response infrastructure while mobile or portable units provide deployable power for remote operations.

To assist emergency responders in selecting generators for procurement, Texas A&M Engineering—Texas Engineering Extension Service Urban Search & Rescue, in coordination with the Space and Naval Warfare Systems Center, Charleston, has prepared a series of documents for the SAVER Program. The *Generators for Emergency Response TechNote* details the applications, features, and performance considerations of generators. The *Generators Market Survey Report* provides a snapshot of the current commercial marketplace for generators. The *Generators Application Note* provides information and recommendations on the operational usage of generators.

All reports will be placed on the on the SAVER Web site (<https://www.rkb.us/SAVER>) as they become available. Information on other technologies can also be found on the Web site.



**Generators for Emergency Response**