



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

Walk-Through Metal Detectors

Walk-Through Metal Detectors (WTMD) are typically installed at indoor checkpoint sites such as airports, courthouses, prisons and military installations to detect illicit items such as weapons, explosives, and miscellaneous contraband. Outdoor (weatherproof) WTMD are designed for temporary outdoor use and are widely used as checkpoints at special events such as sporting events, or concerts.

As a SAVER Program technical agent, the Naval Surface Warfare Center Dahlgren Division (NSWCDD) has been tasked by the DHS to provide expertise and analysis on key emergency response-related subject areas regarding WTMD, and related technologies.

In support of this tasking, NSWCDD has conducted a market survey focusing on commercial-off-the-shelf (COTS) WTMD. While the market survey attempted to identify all current COTS WTMD, the compilation is not an exhaustive list.

The *Walk-Through Metal Detectors Market Survey Report* is located on the SAVER Web site (<https://www.rkb.us/SAVER>). Reports on other technologies being assessed in the SAVER Program can also be found on the Web site.