



**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; and
- 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 website:

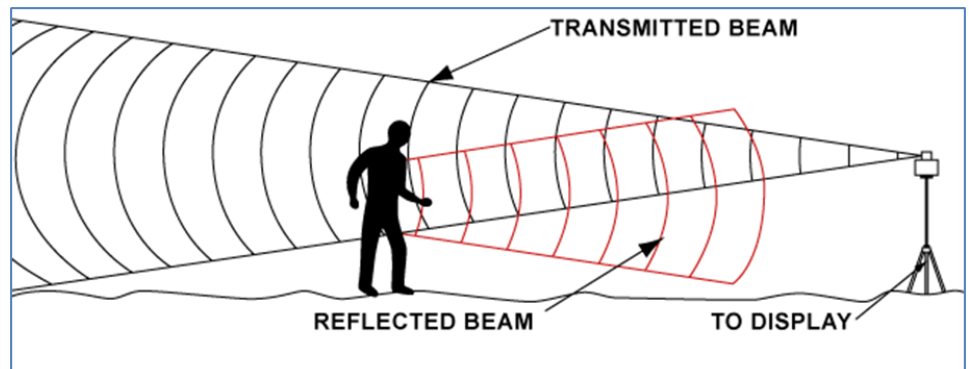
<https://www.rkb.us/saver>

Portable Radar Systems

Portable radar systems enable users to monitor a perimeter and the area within by tracking a variety of moving targets, such as a vehicle or walking person. These systems, comprised of a radar unit coupled with computer hardware and software, are transportable by one or two people and are rapidly deployable. Portable radar systems can detect large moving objects and offer the ability to create flexible coverage areas. Unlike fixed radar systems, portable systems can be deployed for short-term, localized applications, such as a VIP event or to monitor a large crime scene.

To assist emergency responders in selecting the right portable radar system for their jurisdiction, the Space and Naval Warfare System Center (SPAWARSYSCEN) Atlantic has prepared a series of documents for the System Assessment and Validation for Emergency Responders (SAVER) Program. The *Portable Radar Systems Market Survey Report* provides a snapshot of the current commercial market place while the *Portable Radar Systems Application Note* provides information about the components, functionality, and use of portable radar systems.

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 being evaluated by the SAVER Program can also be found on the website.



Intrusion Detection Radar Operation