



**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>

Ballistic Shields

Ballistic shields provide law enforcement personnel, especially members of tactical entry teams, with additional ballistic protection. While most officers currently wear ballistic vests and helmets, these usually only cover the head, chest, and other vital organs, leaving the arms and legs exposed. Ballistic shields—which vary by type, size, shape, coverage area, function, and protection level—are invaluable in situations where officers have little to no cover or where officers are required to approach potentially armed individuals.

As a SAVER Program Technical Agent, Science Applications International Corporation (SAIC) conducted a comparative assessment of the operational use of ballistic shields for the SAVER Program. Prior to the assessment, SAIC conducted a market survey in order to provide information on commercially available equipment, and produced the *Market Survey Report on Ballistic Shields*. A focus group was then conducted to identify equipment selection criteria for the assessment, determine evaluation criteria, and recommend assessment scenarios. Results can be found in the *Focus Group Recommendations on Ballistic Shields* report.

All reports in this series, including the *Assessment Report on Ballistic Shields*, will be located in the SAVER section of the RKB Web site (<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 Web site.



Ballistic Shield Assessment