



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?"

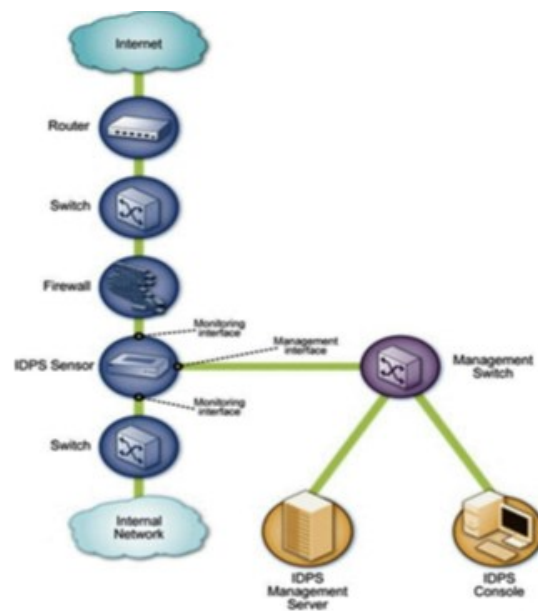
To contact the SAVER Program Support Office
Telephone: 877-336-2752
E-mail: saver@hq.dhs.gov
Visit SAVER on the RKB website:
<https://www.rkb.us/saver>

Intrusion Detection and Prevention Systems

Intrusion detection and prevention systems (IDPS) monitor computer systems and networks to detect unauthorized attempts to access and use the systems and networks, as well as abuse of existing privileges. When intrusions are discovered, IDPS log all activity related to the breach, make the appropriate notifications, and take the appropriate countermeasures to limit the magnitude of the breach.

To assist emergency responders in selecting the right IDPS for their jurisdiction, Science Applications International Corporation (SAIC) prepared an application note for the System Assessment and Validation for Emergency Responders (SAVER) Program. The *Intrusion Detection and Prevention Systems Application Note* provides information on the operational usage of these 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 evaluated by the SAVER Program can also be found on the website.



Depiction of a Network-Based IDPS with In-Line Sensors