



FEMA

# 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. The SAVER Program conducts unbiased operational tests 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, and 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-saving and cost-saving asset to the U.S. Department of Homeland Security, as well as to federal, state, and local responders.

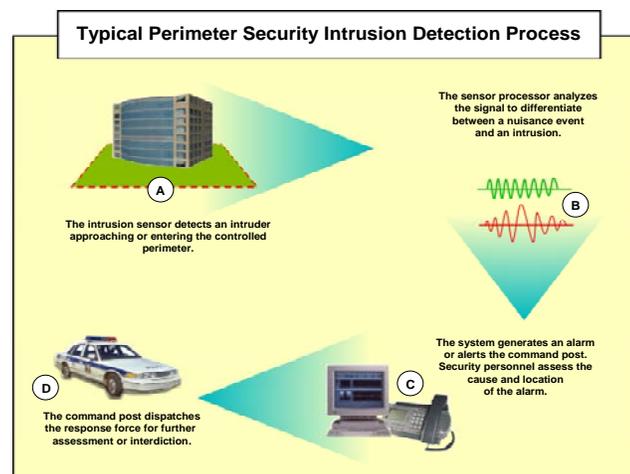
The SAVER Program is supported by a network of technical agents who perform assessment and validation activities. Further, SAVER focuses primarily on two main questions for the emergency responder community: "What equipment is available?" and "How does it perform?"

To contact the SAVER Program Support Office  
Telephone: 877-347-3371  
E-mail: [FEMA-ASKTS@fema.gov](mailto:FEMA-ASKTS@fema.gov)  
Visit the SAVER website:  
<https://saver.fema.gov>

## Intrusion Detection Sensors

The *Handbook of Intrusion Detection Sensors* contains information on perimeter security (Figure 1) and intrusion detection sensor technologies. The handbook, intended as a reference for security specialists, provides a compendium of sensor technologies and an explanation of each technology's operating principles and applications. In addition, the handbook offers integration techniques that can be used to enhance perimeter security and intrusion detection planning.

The Space and Naval Warfare Systems Center (SPAWARSYSCEN), Charleston, a SAVER Technical Agent, authored the original *Perimeter Security Sensor Technologies Handbook* released in July, 1997. SPAWARSYSCEN has since updated handbook, re-titled *The Handbook of Intrusion Detection Sensors*, to contain current information regarding perimeter security and intrusion detection sensor technologies, capabilities, limitations, and integration methods. The handbook is located on the SAVER Program website at <https://saver.fema.gov>. Reports on other technology being assessed in the SAVER Program can also be found on the website.



**Figure 1. Perimeter Security Intrusion Detection Process**

SAVER is sponsored by the U.S. Department of Homeland Security, Federal Emergency Management Agency, Systems Support Division.