Homeland Security
Science and Technology

Highlight

U.S. Department of Homeland Security

SAVER
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?"

To contact the SAVER Program Support Office
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Visit SAVER on the RKB Web site:
https://www.rkb.us/saver

Wi-Fi 802.11

Wi-Fi was originally a brand licensed by the Wi-Fi Alliance referring to an embedded technology of wireless local area networks (WLAN) based on the IEEE 802.11 standard. Now Wi-Fi (or WiFi) is commonly used to describe a generic wireless interface of mobile computing devices such as laptops and cell phones.

The *802.11 Technology TechNote* is a resource offering an introduction to Wi-Fi technology, definitions, signal interoperability ranges, strengths and weaknesses, and options for secure access.

The *802.11 Technology TechNote* is available on the SAVER Web site (https://www.rkb.us/SAVER). Reports on other technologies can also be found on the Web site.