



**Homeland  
Security**

Science and Technology

**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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Visit SAVER on the RKB Web site:

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

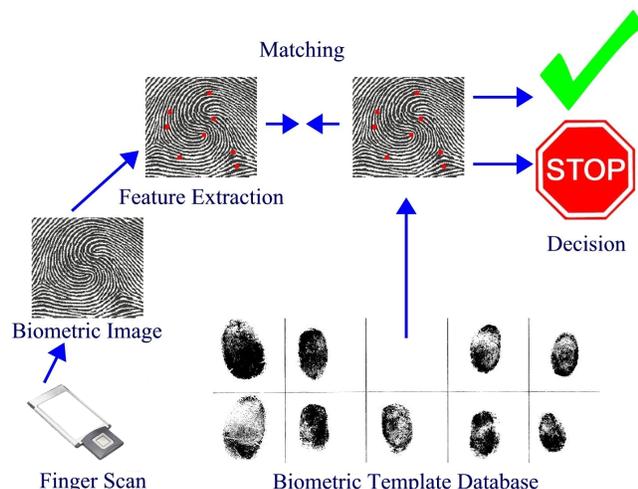
# Highlight

## Biometric Authentication Technologies on CBRNE Watercraft: Fingerprint Scanners

Biometric authentication systems measure the unique physical or behavioral characteristics of an individual who is seeking to gain access to a physical space or logistical resources such as computers, databases, or wireless networks. Biometric authentication is more secure than other access control capabilities. Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) watercraft and other mobile platforms need portable computer logon devices to authenticate users.

As a SAVER Program Technical Agent, the Space and Naval Warfare Systems Center (SPAWARSYSCEN), Charleston conducted market research to identify fingerprint biometric logon devices. The resulting *Biometric Authentication Technologies on CBRNE Watercraft Fingerprint Scanner Market Survey* report will help emergency responders make informed decisions regarding acquisition and utilization of commercial off-the-shelf biometric logon devices for CBRNE watercraft.

This report as well as reports on other technologies are available on the SAVER Program Web site at <https://www.rkb.us/SAVER>.



**Biometric Authentication Process**