



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?"

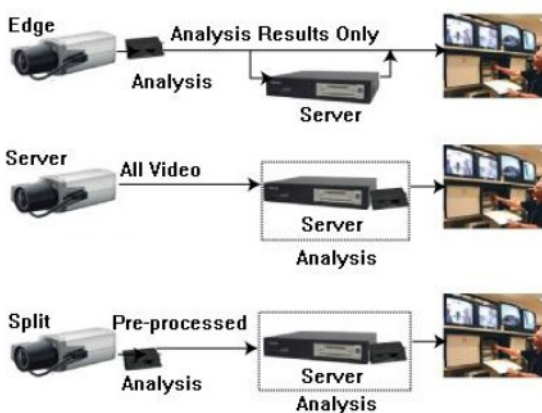
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Video Analytics Systems

Automated video surveillance systems, or video analytics systems, are used to automate video surveillance tasks traditionally performed by an operator. These systems provide users with the ability to detect and classify objects, which can help protect critical assets while reducing labor intensive tasks. While video surveillance previously required an operator to watch live or recorded video to detect a possible crime, video analytics systems are able to determine whether an alert or notification should be issued and record the incident.

To assist emergency responders in selecting the right video analytics system for their jurisdiction, the Space and Naval Warfare Systems Center (SPAWARSYSCEN) Atlantic prepared a market survey report for the System Assessment and Validation for Emergency Responders (SAVER) Program. The *Video Analytics Systems Market Survey Report* provides a snapshot of the commercial marketplace.

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.



Types of Video Analytics Systems