



**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 assessments and validations on commercially available equipment and systems, and develops knowledge products that provide relevant equipment information to the emergency responder community.

SAVER Program knowledge products provide information on equipment that falls under the categories listed in the DHS Authorized Equipment List (AEL), focusing primarily on two main questions for the emergency responder community: "What equipment is available?" and "How does it perform?" These knowledge products are 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 the assessment and validation activities and develop knowledge products. This highlight provides an overview of one such project.

For more information on this and other technologies, contact the SAVER Program Support Office.

E-mail: [NUSTL@hq.dhs.gov](mailto:NUSTL@hq.dhs.gov)

Website: [www.dhs.gov/science-and-technology/SAVER](http://www.dhs.gov/science-and-technology/SAVER)

## 4G Mobile Broadband Routers

(AEL reference number 04SN-01-XMIT)

4G mobile broadband routers provide a means to connect multiple devices to the Internet over a cellular network when cellular service is available. These routers could be an improvement for responder vehicles equipped with mobile modems that can only connect to the internet with one device at a time.

As a SAVER Program Technical Agent, Lawrence Livermore National Laboratory prepared a series of documents to assist responders in selecting the right 4G mobile broadband router for their agency. The *4G Mobile Broadband Routers TechNote* provides information on these types of routers, advantages and disadvantages, and product considerations.

As they become available, all reports in this series will be placed in the SAVER section of the DHS Science and Technology website, [www.dhs.gov/science-and-technology/SAVER](http://www.dhs.gov/science-and-technology/SAVER). Information on other technologies evaluated by the SAVER Program can also be found on the website.

