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**DEPARTMENT OF HOMELAND SECURITY (DHS) AWARDS  
ESSENTIAL SYSTEMS INTEGRATION, INC. RESEARCH GRANT FOR  
SECURE CARTON SYSTEM**

*Essential Systems Integration, Inc. is one of five awarded in the United States*

**Andover, MN.** – June 2005 – The Department of Homeland Security (DHS), Homeland Security Advanced Research Projects Agency (HSARPA), Small Business Innovation Research Program (SBIR) has awarded Essential Systems Integration, Inc. a new contract under topic number H-SB05.1-006 titled “Secure Carton System”.

The project’s primary objective is to research and design an ancillary layer of intrusion protection for container contents, whereby the solution can be integrated with the Advanced Container Security Device (ACSD) effort. The ACSD HSARPA project is also intended to integrate the communication scheme; Marine Asset Tag Tracking Systems (MATTS), a separate SBIR effort.

The Secure Carton System secures and monitors the package at the point of stuffing. Package tampering is reported upstream to the secured ISO container. The technology areas include boarder watch, container security and boarders and transportation security.

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