



Access Acquires License to Build Standards-Based RFID Electronic Cargo Container Seals

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Axcess International Inc., a leading provider of Dual-Active RFID and Real Time Location Systems (RTLS) solutions, announced that it has acquired a license to build RFID electronic cargo container seals (E-Seals) based on the new global standard (ISO 18185). The standard was developed in part by Savi Technology, a Lockheed Martin company and provider of RFID-based total asset management solutions. E-Seals are an emerging class of active RFID devices with built-in security and tracking features that enhance visibility, security and efficiency of in-transit cargo containers, which account for 90 percent of world trade. Globally, cargo thefts are reported to cost the industry \$100 billion per year. The agreement calls for Axcess to deliver a prototype tag by year's end.

E-Seals combine mechanical locks with wireless RFID communication systems to automatically notify users about security breaches and container locations. Axcess gains access to Savi's patent-protected, intellectual property on how these active, battery-powered RFID tags communicate with readers. Savi Technology launched the program May 1 with its QuickStart program, and continues licensing through its Basic program.

The U.S. SAFE Port Act of 2006 calls for the U.S. Department of Homeland Security (USDHS) to define the voluntary use of container security devices in accordance with international standards. USDHS considers ISO 18185 (International Standardization Organization), which enables interoperability of products from multiple vendors, as an applicable container security standard.

Axcess will implement the E-Seal using its new tagging technology, The Enterprise Dot. Based on a System-on-a-Chip (SoC) design, the technology yields the world's lowest cost and smallest multifunctional wireless sub-micro device for delivering visibility oriented data about the assets operating in and around the enterprise. The Dot™ technology incorporates a powered software definable wireless transceiver which is compatible with multiple global regulations. It also includes the RFID EPC Class I, Gen II standard which together with long range UHF active RFID makes supply chain tagging, low cost and more reliable while opening up new applications.

"We see the Enterprise Dot as being an ideal fit for this solution", commented Allan Griebenow, president and CEO of Axcess International Inc. "Dot will provide a very low cost, reliable and flexible electronic package which has additional features and functions embedded in it which over time can add to the power of the E-Seal to provide the best container tracking and homeland security solution".

"Some 200 million containers flow through the world's ports each year, and the efficient and secure movement of cargo is a U.S. and global priority," said Pat Burns, Savi's vice president of Marketing and Licensing. "Savi Technology is committed to building ISO-based RFID networks throughout the world, and having multiple e-Seal licensees with products that can communicate using a standard protocol brings visibility, efficiency and homeland security solutions to customers such as international shippers, government agencies and logistics service providers."