

*Powers  
International*



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Media Contact:  
Ed Harrison, CEO, Tel: 864.271.9123  
Jim Giermanski, Chairman, Tel: 704.825.4741  
[www.powersintlinc.com](http://www.powersintlinc.com)

## **Powers International to Provide Specialized Global Supply Chain Optimization and Security for Asia**

Belmont, NC – **Powers International, LLC** announced today that its patented *Powers-Secured® Satellite System (PSSS)* will be a core component of a new European-Asian container security initiative. Currently patented in 32 countries, PSSS is a container security process which provides an end-to-end, chain-of-custody system to monitor and control global container movements. By offering permanent, real-time container surveillance with 100 percent access control and improved document authentication, this unique service and partnership addresses world-wide logistics requirements while ensuring container integrity, accelerating container processing and offering significant cost-savings.

Powers International has entered a joint-venture with **European Datacomm (EDC)-Asia** and **Trade-Route** in Beijing, China, for the installation and exploitation of a full-service platform for a container tracing and tracking device called **EDC-76**. Powers International's PSSS is a core component of the global EDC-76 system that consists of end-to-end security and supply chain optimization. Considered a "smart container," EDC-76 does the following:

- provides location and status information about the container from origin-to-destination;
- identifies electronically the authorized personnel packing and securing the container;
- detects a breach in any part of the container and reports that breach in real time;
- identifies authorized personnel unsealing container;
- reports inside environment of the container throughout its carriage;
- reports diversions from designated trade routes, as programmed; and
- works with the different logistics software programs used worldwide in order to communicate critical data to optimize a visible supply chain.

*Powers International, LLC*  
27 Catawba Street, Suite A  
Belmont, NC 28012  
704 825 4741 ([www.powersintlinc.com](http://www.powersintlinc.com))

To maximize the benefits of latency and real-time monitoring and reporting, EDC service uses low earth orbit satellites providing global coverage from origin to destination to include breach detection, reporting, and verifying, meeting all World Customs Organization (WCO) and UN Single Window standards. Apart from the use of EDC's Asian service, Trade Route will also coordinate and facilitate trade and Customs relationships with the Chinese Government in general, and more specifically with Chinese Customs.

"This partnership and the use of *Powers-Secured® Satellite System* will provide Asia a level of port security not yet used in the United States and offered by no other system," said Ed Harrison, CEO of Powers International. "It will supply the industry with an increased measure of control and confidence while at the same time produce savings in each voyage by expedited handling and supply chain control."

"The implementation of the EDC system in China is a milestone toward truly world-wide transparency of the container business," said Viny Zhang, CEO of Trade-Route. "And it's the beginning of a revolution in the world of logistics history. Additionally, the benefits are greatly exceeding the costs involved in this operation which is why we foresee a bright future for these applications."

Container security is a global issue, and there must be at least one operational service platform in each continent in order to secure a seamless, chain-of-custody service for the customers. The EDC-76 platform is consistent with new initiatives of the EU Commission, the United States, and the agreement among 169 national Customs Administrations to follow the new Standards Framework of the WCO, which calls for end-to-end controls and electronic data transfer. It is compatible with the U.S. Customs Trade Partnership Against Terrorism (C-TPAT) and the EU Authorized Economic Operator (AEO) programs. Additionally, new U.S. laws like the *SAFE Port Act* of 2006 and *Implementation of the 9/11 Commission Act of 2007* all support the EDC, Trade Route, and Powers International new initiative.

Dr. Jim Giermanski, Powers International Chairman stated, "The United States, Europe and Asia have the same interests: greater port security and greater efficiencies and visibility in a global supply chain with seamless monitoring and control of the integrity of shipping containers

during their voyages. For Asia, this powerful team will provide a solution that meets and enhances those goals and interests.”

Powers International is also discussing cooperative arrangements with **Astrium** and **Airbus** in Europe and **Raytheon** in the United States as potential users of the PSSS. Astrium is a division of European Aeronautic Defense and Space Company (EADS), and Raytheon is a leading defense and aerospace systems supplier specializing in defense, homeland security, and other government markets throughout the world.

### ***About Powers International, LLC***

Powers International LLC, with offices in both North and South Carolina, developed and owns a patented smart container solution called the Powers Secured® Satellite System (PSSS). This system is the only system in the world which guarantees true end-to-end chain of custody documentation. This system has been selected for evaluation in Europe under the leadership of the European Aeronautic Defense and Space Company (EADS/Airbus) and European DataComm. PSSS meets the World Customs Organization's (WCO) Framework of Standards to Secure and Facilitate Global Trade guidelines adopted unanimously in 2005 by the 171 of the 177 member countries, including the United States. The WCO new standards include the goal of logistic security control from origin to destination.

The PSSS global system begins by recording the identity of the person responsible for monitoring the "stuffing" and securing of the container at the point of origin. The system has the ability to store trade data that will link the specific container to other documentation contained in the user's logistics software system, detect and report any breach through any portion of the container, provide tracking information, and report its own hijacking, all via worldwide satellite communication, all by real-time or near real-time satellite communications.

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