

April 23, 2012

OSI Systems' RTT™ Ultra-High Speed Hold Baggage Scanner Sets New Bar for Aviation Screening Technology with EU Security Certification

- | *Revolutionary Solid-State CT Achieves ECAC Standard 3*
- | *Meets Highest European Threat Detection Standards at Faster Operating Speeds than Legacy-Design CT Systems*

HAWTHORNE, Calif.--(BUSINESS WIRE)-- [OSI Systems, Inc.](#) (NASDAQ: OSIS), a vertically-integrated provider of specialized electronics and services, today announced that the Rapiscan RTT™ (Real Time Tomography) hold baggage screening system has passed the European Civil Aviation Conference's (ECAC) Standard 3 threat detection test, the highest standard set by ECAC for the detection of explosive threats in passenger baggage.

RTT™ is the only Hold Baggage Screening (HBS) system to achieve ECAC Standard 3 performance while also screening bags at up to 1800 bags per hour, which is significantly faster than the CT based HBS systems currently installed at airports. The RTT's unique design allows the processing speed of baggage screening to be at the same rate of speed as airport baggage handling systems, allowing RTT™ to be installed "in-line" in airports' existing baggage handling systems without the need to slow down the baggage handling systems.

OSI Systems CEO, Deepak Chopra, commented, "After achieving ECAC Standard 3 certification, we look forward to offering the RTT™ to airports in approximately 43 countries that are ECAC members. RTT™, with its unique stationary gantry design, delivers industry-leading throughput, quieter operation, a lighter and smaller footprint, superior reliability, and lower operating and maintenance costs when compared to other HBS products currently available in the marketplace." Mr. Chopra continued, "RTT's high resolution enables more accurate threat detection, while the high speed feature of the RTT™ provides the opportunity to reduce the footprint of screening infrastructure at airports, effectively creating extra room to handle the ever increasing aviation passenger traffic."

About OSI Systems, Inc.

OSI Systems, Inc. is a vertically integrated designer and manufacturer of specialized electronic systems and components for critical applications in the homeland security, healthcare, defense and aerospace industries. We combine more than 30 years of electronics engineering and manufacturing experience with offices and production facilities in more than a dozen countries to implement a strategy of expansion into selective end product markets. For more information on OSI Systems Inc. or any of its subsidiary companies, visit www.osi-systems.com. News Filter: OSIS-G

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements relate to the Company's current expectations, beliefs, projections and similar expressions concerning matters that are not historical facts and are not guarantees of future performance. Forward-looking statements involve uncertainties, risks, assumptions and contingencies, many of which are outside the Company's control, that may cause actual results may differ materially from those described in or implied by any forward-looking statement. All forward-looking statements are based on currently available information and speak only as of the date on which they are made. The Company assumes no obligation to update any forward-looking statement made in this press release that becomes untrue because of subsequent events, new information or otherwise, except to the extent it is required to do so in connection with its ongoing requirements under Federal securities laws. For a further discussion of these and other factors that could cause the Company's future results to differ materially from any forward-looking statements, see the section entitled "Risk Factors" in the Company's Annual Report on Form 10-K for the year ended June 30, 2011 and other risks described in documents subsequently filed by the Company from time to time with the Securities and Exchange Commission.

OSI Systems Inc.

Ajay Vashishat
Vice President, Business Development
310-349-2237
avashishat@osi-systems.com

Source: OSI Systems, Inc.

