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OSI Systems Air Cargo Screening Solution Added to U.S. TSA Qualified Technology List

Eagle(R) A1000 Addresses Air Cargo Industry Demand for High Throughput Large Pallet Screening of Medium to High Density Cargo

HAWTHORNE, Calif., Aug 12, 2010 (BUSINESS WIRE) -- OSI Systems, Inc. (NASDAQ:OSIS), a vertically-integrated provider of specialized electronic products for critical applications in the Security and Healthcare industries, today announced that the Eagle(R) A1000 large pallet cargo screening system from its Security division, Rapiscan Systems, has been added to the US Transportation Security Administration's Air Cargo Screening Qualified Technology List. Developed for screening large air cargo containers and pallets, the system employs the Company's proprietary transmission high energy X-ray technology to detect threats in even densely packed containers, thereby reducing the need to break down the container or pallet being inspected. The system is designed to accommodate large pallets that are difficult to inspect using traditional screening technologies.

Ajay Mehra, Rapiscan Systems' President, commented: "With the addition of the A1000 to the TSA Qualified Technology List, we offer air cargo companies an unsurpassed range of X-ray based screening solutions for small, medium and large size cargoes." Mr. Mehra continued: "Our product range, combined with our global leadership in the air cargo screening market makes us a trusted partner who can help any air cargo company achieve compliance with TSA regulations."

As of August 1, 2010, the following Rapiscan screening platforms have been placed on the TSA Air Cargo Qualified Technology List for Air Cargo Screening:

- | Rapiscan 620XR
- | Rapiscan 620DV
- | Rapiscan 627XR
- | Rapiscan 627DV
- | Rapiscan 628XR
- | Rapiscan 628DV
- | Rapiscan 632DV
- | Rapiscan 638DV
- | Rapiscan MXVR5000
- | Rapiscan Eagle A1000

About the Rapiscan Eagle A1000

The Rapiscan Eagle A1000 X-ray system performs comprehensive inspection of air cargo containers and pallets. In a matter of seconds, the system automatically scans air cargo containers and pallets as they move through the portal unit on a conveyor system or as they are towed through on dollies. An inspector evaluates the resulting image to find hidden contraband, such as explosives, weapons and narcotics. The Eagle A1000 supports a busy air cargo inspection operation in a compact, easy to use unit designed for reliable operation day and night in all weather conditions.

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 Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements include information

regarding the company's expectations, goals or intentions about the future, including the Company's contracts to provide solutions to the Security industry. The actual results may differ materially from those described in or implied by any forward-looking statement.

SOURCE: OSI Systems, Inc.

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