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OSI Systems Receives \$4.6 Million Contract From U.S. Government Agency For Cargo & Mobile X-Ray Inspection Systems

September 28, 2006: Hawthorne, CA

OSI Systems, Inc. (NASDAQ: OSIS), a vertically integrated provider of specialized electronic products for critical applications in the Security and Healthcare industries, announced today that its Security and Inspection division, Rapiscan Systems received from a U.S. Government agency a \$4.6 million contract for multiple Cargo and Vehicle Inspection systems as well as mobile X-ray systems.

Under the terms of the contract Rapiscan Systems will provide multiple systems including the relocatable Rapiscan Eagle Gantry and Rapiscan 536 mobile X-ray systems. The systems are to be deployed at multiple border crossings internationally to provide mobile inspection of baggage, parcels and vehicles for contraband and threat items.

The Rapiscan Eagle Gantry incorporates Rapiscans proven high energy X-ray imaging technology in a rail-mounted inspection system capable of rapid, automated screening of dense cargo and vehicles. The X-ray source and detectors are mounted on an electric-powered gantry that runs on rails. The system automatically scans unoccupied vehicles parked between the rails as the gantry moves over them. The length of rails determines the number of vehicles that can be scanned in a single pass. The gantry is controlled from a nearby or remote facility, where the X-ray images are sent for examination and evaluation. The relocatable unit can be readily disassembled and shipped to another location requiring only that a set of rails be laid at the new site.

The Rapiscan Mobile 536 provides a completely self-contained mobile X-ray screening facility that can be used to create a mobile checkpoint for the rapid screening of baggage and parcels. The X-ray system is mounted in durable van enabling immediate deployment and screening at many locations.

About OSI Systems, Inc.

OSI Systems, Inc. is a Hawthorne, California based diversified global developer, manufacturer and seller of specialized electronics security and inspection systems, medical monitoring and anesthesia products, and optoelectronic devices and value-added subsystems. The company has more than 30 years of experience in electronics engineering and manufacturing and maintains offices and production facilities located in more than a dozen countries. OSI Systems implements a strategy of expansion by leveraging its electronics and contract manufacturing capabilities into selective and product markets through organic growth and acquisitions. For more information on OSI Systems, Inc. or any of its subsidiary companies, visit www.osi-systems.com.

About Rapiscan Systems

Rapiscan Systems, a division of OSI Systems, Inc. is a leading supplier of high quality security inspection solutions utilizing X-ray and gamma-ray imaging, and advanced threat identification techniques such as neutron and diffraction analysis. The company's products are sold into four market segments; Baggage and Parcel Inspection, Cargo and Vehicle Inspection, Hold Baggage Screening and People Screening. The company has an installed base globally of more than 50,000 security and inspection systems. The Rapiscan Systems product line is manufactured at four locations and supported by a global support service network. For more information on Rapiscan Systems, please visit www.rapiscansystems.com.

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 our expectations, goals or intentions about the future, including, but not limited to, statements regarding the sales of the Rapiscan 600 series X-ray systems. The actual results may differ materially from those described in or implied by any forward-looking statement. In particular, there can be no assurance that the Rapiscan 600 series will continue to achieve domestic and international customer support or support from new customer. Other important factors are set forth in our Securities and Exchange Commission filings. All forward-looking statements speak only as of the date made, and we undertake no obligation to update these forward-looking statements.

For Further Information

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