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## **Rapiscan Systems Awarded \$5.0M Contract for Multiple Inspection Systems**

**August 23, 2006: Hawthorne, CA**

OSI Systems, Inc. (NASDAQ:OSIS) announced today that its security division, Rapiscan Systems, has received an order for approximately \$5.0 million from an undisclosed international customer for multiple hybrid cargo and vehicle inspection systems. The Company expects to deliver the systems, which utilize both X-ray and neutron based technologies, within fiscal 2007.

The hybrid cargo and vehicle inspections systems enable the customer to conduct a two-phase inspection process. During the first phase of inspection process, the contents of the container are scanned with the high energy X-Ray imaging technology of the Rapiscan Eagle. The image is then interpreted by the operator for manifest verification and threat detection.

If, during the inspection process, a suspicious object is identified, the operator has the ability to scan the object, during a second phase, with the proprietary material-specific Thermal Neutron Analysis ("TNA") technology. The TNA technology automatically produces a "red light/green light" response for the operator indicating whether or not the suspicious object is a threat. This process minimizes human error in image interpretation and the associated cost incurred from having to manually inspect the contents of the container.

In conjunction, these hybrid technologies, operating on a rail mounted gantry, will inspect inbound cargo/trucks at an undisclosed international border crossing.

President of Rapiscan Systems, Ajay Mehra, stated, "We are excited about this contract because it further enhances our leadership and global presence in the cargo and vehicle inspection market. We have always maintained our commitment to be the broadest supplier of technologies for port and border security and screening allowing us the flexibility to provide customized proprietary hybrid security solutions to match the various security threats faced by our customers."

For Further Information

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