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OSI Systems Chairman and CEO to Testify Before Congress on Aviation Checkpoint Security

July 12, 2005: Hawthorne, California

OSI Systems, Inc. (Nasdaq:OSIS - News), today announced that its Chairman and CEO, Deepak Chopra, will testify before the United State House of Representatives Committee on Homeland Security, regarding "Leveraging Technology to Improve Homeland Security." The panel testimony is expected to be held at 2 p.m. EST (11 a.m. PST) on Wednesday, July 13, 2005.

The testimony will highlight Rapiscan Systems' airport checkpoint technologies and recent advances in inspection technologies that can improve checkpoint security and passenger flow. Mr. Chopra will discuss the importance of installing new systems at airport checkpoints that increase detection capabilities, fit within current airport infrastructure and facilitate air travel while minimizing inconveniences to the traveling public. The testimony will also highlight four of Rapiscan Systems' technologies:

- * QXR 1000 -- The QXR 1000 integrates Rapiscan's current checkpoint baggage x-ray systems with Quadrupole Resonance technology for automatic explosives detection. The technology's ability to integrate with existing baggage x-ray systems reduces the need to purchase new x-ray machines or hire additional TSA screeners.
- * Secure 1000 -- The Secure 1000, utilizing Rapiscan's patented backscatter technology, is a groundbreaking personnel screening technology that can detect explosives, plastic weapons and any other concealed foreign objects on the body. During the testimony, Mr. Chopra will also discuss some of the findings of the recently completed 6 month pilot program conducted by the British Airport Authority of the Secure 1000 at Heathrow airport in the United Kingdom.
- * Checkpoint Efficiency System (CES) -- The CES easily integrates with current checkpoint x-ray baggage inspection systems to facilitate the flow of passengers through airport checkpoints. The system allows for the continued inspection of passengers and their carry-on items as other passengers and bags are selected for secondary screening.
- * CXR 1000 -- The CXR 1000 is the next-generation of CT hold baggage screening technologies. The system will inspect up to 1,400 bags an hour and can be integrated in-line with the existing airport baggage handling conveyor infrastructure, unlike existing deployed technologies which require the infrastructure to be reconfigured. The CXR 1000 is a solid state CT with no moving gantry.

The testimony will be webcast by the Committee and can be accessed through www.house.gov. A transcript of the testimony will be available either through the Committee website at www.homeland.house.gov or at www.osi-sytems.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. Tnufactured at four locations and supported by a global support service network. For more information on Rapiscan Systems, please visit www.rapiscansystems.com.

About OSI Systems, Inc.

OSI Systems Inc. is a Hawthorne, Calif.-based diversified global developer, manufacturer and seller of security and inspection systems, medical monitoring products and optoelectronic-based components, as well as a provider of engineering and manufacturing services. 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 end 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.

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 performance or market acceptance of our security products. 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 such growth will occur either at their expected rates or at all. 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.

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