OSI SYSTEMS, INC.

August 15, 2007

Rapiscan Systems Opens New Headquarters to Meet Increased Demand for Inspection Technologies

August 15, 2007: Hawthorne, CA

Representative Jane Harman on Hand to Commend Company for Fostering Nation's Security Initiatives

OSI Systems, Inc. (NASDAQ:OSIS - News), a vertically-integrated provider of specialized electronic products for critical applications in the security and healthcare industries, announced that on Tuesday, August 14, 2007 its Security division, Rapiscan Systems, held the opening of its new 95,000 square foot headquarters in Torrance, California. The new facility represents a 400 percent increase in Rapiscan's U.S. production floor space. Representative Jane Harman (D-CA) - Chair of the Homeland Security Subcommittee on Intelligence, Information Sharing and Terrorism Risk Assessment - was on hand to cut the ribbon at the ceremony.

The facility enables the Company to more efficiently meet increased market demands for its products and services both domestically and abroad. Rapiscan Systems has recently experienced a dramatic increase in the need for its inspection technologies. The new headquarters allow for the continued expansion of both operations and increased sales.

President of Rapiscan Systems, Ajay Mehra, stated, "We are extremely excited to be opening our new headquarters. This announcement represents years of hard work that have gone into expanding Rapiscan's business. The work that is happening in Torrance is an important part of our nation's security. The products being developed and manufactured here represent some of the most sophisticated and comprehensive inspection technologies available today."

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 which is 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. and its subsidiaries is a vertically integrated designer and manufacturer of specialized electronic systems and components for critical applications. The Company sells its products in diversified markets, including homeland security, healthcare, defense and aerospace. 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.

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