



June 6, 2005

DHS Commissioner Highlights Rapiscan's Mobile Eagle for Port Security

June 06, 2005: Hawthorne, CA

Rapiscan Systems, a division of OSI Systems, Inc. (NASDAQ:OSIS), today announced that its advanced Mobile Eagle[®] X-ray technology was highlighted by Department of Homeland Security ("DHS") Commissioner of Customs and Border Patrol Robert C. Bonner and Maryland Governor Robert Ehrlich during a scheduled visit to the Port of Baltimore on Thursday June 2nd. The event was a demonstration of the DHS's initiative to improve port security nationwide.

As one of the largest cargo ports in the United States, Baltimore receives approximately 140,000 containers annually. The Rapiscan Systems Eagle has been scanning containers at the Port of Baltimore since January 2005.

DHS Commissioner of Customs and Border Patrol Robert C. Bonner stated at the demonstration, "Today the Eagle has landed in the Port of Baltimore! This powerful X-ray imaging machine that we unveil today is part of our strategy developed after 9/11 to better detect the potential for terrorists concealing weapons inside one of these containers. The Eagle helps us accomplish two goals, our twin goals, achieving increased security against the terrorist threat, and doing so without shutting down the flow of trade and damaging our economy. The Eagle can take an X-ray image of a 40 foot container in less than a minute."

President of Rapiscan Systems Ajay Mehra stated, "As the Commissioner stated, the Eagle's[®] value proposition of increasing the number of containers inspected without interrupting the flow of commerce is a tremendous advantage for both port and border security not only for the citizens of the state of Maryland, but also on a domestic and global level. Rapiscan will continue to invest in the development of new technologies and work closely with the DHS Customs and Border Patrol to further assist in securing our nation's ports and border crossings."

The Rapiscan Mobile Eagle[®] X-ray technology was designed under the direction of the DHS Customs and Border Patrol specifically to address port security needs. The Eagle[®] is capable of penetrating dense cargo containers, producing high-quality images immediately available to an on-site inspector or an inspector viewing a transmitted image from a remote facility. This user-friendly system meets U.S. and international radiation safety standards and is safe to operate even in a crowded seaport or at a border crossing. The system has also been deployed at the Port of Savannah in Georgia and on the US-Mexico land border crossing in El Paso, Texas.

About Rapiscan Systems

Rapiscan Systems, a division of OSI Systems, 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 lines are manufactured at four locations worldwide and are 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, California based diversified global developer, manufacturer and seller of security and inspection systems, medical monitoring and anesthesia delivery 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, please 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, including, but not limited to decisions that may be made by government officials, such as the Department of Homeland Security Commissioner of Customs and Border Patrol, to acquire our 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 the statements by government officials will be in line with our current expectations or that positive statements will directly or even indirectly lead to new orders for our products. 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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