

August 9, 2006

Spacelabs Healthcare Introduces New Line of Anesthesia Ventilators

August 09, 2006: Hawthorne, CA

OSI Systems, Inc. (NASDAQ: OSIS) announced today that Blease Medical, the anesthesia business group within its Spacelabs Healthcare division, has added seven new ventilators to its existing product line. The introduction of these ventilators enables clinicians to enhance control over the delivery of ventilation and more finely tune their requirements to a surgical procedure and the individual characteristics of a patient.

The new ventilators incorporate Precision Pressure Control Ventilation which further enhances the performance, safety and precision of the ventilator by actively controlling flow into and out of the ventilation drive system, throughout the entire respiratory cycle. This is a key element of Bleases focus on Patient Centered Ventilation.

In addition, each of these seven new ventilators work in conjunction with a large 8.4 touch screen display, available in either monochrome or color format. This screen, in conjunction with Blease Medicals proprietary Touch and Trak user interface is easy to use, allowing clinicians to focus greater attention on other aspects of patient care.

Blease Medical intends to market the new ventilators on a global basis.

CEO of OSI Systems, Mr. Deepak Chopra, stated, Blease has a strong product development heritage, especially in ventilation technology. It is therefore fitting that the first major new product release since we acquired Blease in February 2005 is the addition of seven new ventilators to our existing line of ventilators. These new ventilators provide our customers the flexibility to choose a ventilator that is right for them and the patient, in terms of safety, performance and price, advantages that we believe will support our upcoming U.S. market launch.

Ventilators are used commonly in the operating theatre and in the ICU to deliver mechanical ventilation to the lungs. In the operating theatre, the ventilators are designed to deliver varying concentrations of oxygen, air, nitrous oxide and volatile agents to patients through an anesthetic circuit. In the ICU, ventilators provide respiratory support to patients with respiratory failure.

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, visit www.osi-systems.com.

About Spacelabs Healthcare, Inc.

Spacelabs Healthcare, Inc. (www.spacelabshealthcare.com) is an international developer, manufacturer and distributor of medical equipment and services including patient monitoring solutions, anesthesia delivery and ventilation systems, pulse oximeters and sensors and bone densitometers selling to hospitals, clinics and physicians offices. Additionally, the company provides ECG laboratory services to pharmaceutical companies undertaking clinical trials, whereby patient ECG data is recorded, analyzed, tabulated and interpreted.

The company has established brand names in both medical devices and medical services such as "Spacelabs," "Blease" and "Dolphin." It employs approximately 1,050 personnel in its 14 offices the United States, UK, Canada, France, Germany, Finland and Singapore. The company conducts its manufacturing and R&D in the United States, India, and UK.

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 the companys expectations, goals or intentions about the future, including, but not limited to, statements regarding the new ventilators to be introduced by Blease Medical. 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 product launch will occur as currently planned, that the product will work as intended, that expected benefits will be realized by clinicians using the products, or that sales will be significant. Other important factors are set forth in the Securities and Exchange Commission filings of OSI Systems, Inc. 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

OSI Systems, Inc.
12525 Chadron Ave
Hawthorne CA 90250
(310) 349 2237
Contact: Jeremy Norton Director of Investor Relations