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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

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**FORM 8-K**

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**CURRENT REPORT**

**PURSUANT TO SECTION 13 OR 15(D) OF  
THE SECURITIES EXCHANGE ACT OF 1934**

DATE OF REPORT (DATE OF EARLIEST EVENT REPORTED): NOVEMBER 30, 2007

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**OSI SYSTEMS, INC.**

(EXACT NAME OF REGISTRANT SPECIFIED IN CHARTER)

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**CALIFORNIA**  
(STATE OR OTHER JURISDICTION  
OF INCORPORATION)

**000-23125**  
(COMMISSION FILE NUMBER)

**330238801**  
(IRS EMPLOYER IDENTIFICATION NO.)

**12525 CHADRON AVENUE  
HAWTHORNE, CA 90250**  
(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES) (ZIP CODE)

**(310) 978-0516**  
(REGISTRANT'S TELEPHONE NUMBER, INCLUDING AREA CODE)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 3.02      Unregistered Sales of Equity Securities.**

On November 30, 2007, we entered into a transaction pursuant to which we issued 239,847 shares of our Common Stock and received, in exchange, 3,173,440 shares of common stock of our Spacelabs Healthcare, Inc. subsidiary. Spacelabs Healthcare trades under the ticker symbol “SLAB” on the AIM (formerly known as the Alternative Investment Market), a stock market administered by the London Stock Exchange.

We issued the shares to non-U.S. persons (as that term is defined in Regulation S of the Securities Act of 1933) in an offshore transaction relying on Regulation S and/or Section 4(2) of the Securities Act of 1933, as amended.

In connection with this transaction we increased our ownership in Spacelabs Healthcare from approximately 84% to approximately 89%.



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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: December 3, 2007

OSI SYSTEMS, INC.

By: /s/ Victor Sze

Victor Sze

General Counsel