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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) SEPTEMBER 19, 2011**

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**OSI SYSTEMS, INC.**

**(EXACT NAME OF REGISTRANT SPECIFIED IN CHARTER)**

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**DELAWARE**  
**(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 8.01. Other Events.**

On September 19, 2011, we issued a press release announcing that our Security division, Rapiscan Systems, had received an order valued at approximately \$98 million from the U.S. Army for a range of surveillance and screening equipment for Entry Control Point Non-Intrusive Inspection requirements. Rapiscan will serve as the prime contractor and a hardware systems integrator to help fulfill the U.S. Army's global security needs. The order stems from a recently awarded three-year, \$248 million Indefinite Delivery, Indefinite Quantity (IDIQ) contract from the U.S. Army. A copy of the press release is attached hereto as Exhibit 99.1.

**Item 9.01. Financial Statements and Exhibits.****(d) Exhibits.**

99.1      Press Release of OSI Systems, Inc. dated September 19, 2011.

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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.

OSI SYSTEMS, INC.

Date: September 19, 2011

By: /s/ Alan Edrick

Alan Edrick

Chief Financial Officer

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**EXHIBIT INDEX**

**Exhibit No.**

**Description**

99.1	Press Release of OSI Systems, Inc. dated September 19, 2011.
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**OSI SYSTEMS AWARDED APPROXIMATELY \$98 MILLION ORDER FROM U.S. ARMY FOR ENTRY CONTROL POINTS**

HAWTHORNE, CA. – September 19, 2011 – OSI Systems, Inc. (NASDAQ: OSIS), a vertically-integrated provider of specialized electronic products for critical applications in the Security and Healthcare industries, today announced that its Security division, Rapiscan Systems, has been awarded an approximately \$98 million order from the U.S. Army for a range of surveillance and screening equipment for Entry Control Point Non-Intrusive Inspection requirements. Rapiscan will serve as the prime contractor and a hardware systems integrator to help fulfill the U.S. Army's global security needs. The delivery order stems from a three-year, multi-award, Indefinite Delivery, Indefinite Quantity (IDIQ) contract valued at \$248 million for all delivery orders awarded to Rapiscan and six other companies earlier this year by the U.S. Army.

OSI Systems Chairman and CEO, Deepak Chopra, stated: "We are proud to receive this award and look forward to implementing critical solutions that address the U.S. Army's global force protection requirements. As a valued partner, we expanded our role from a screening equipment provider and now serve as a prime contractor and systems integrator to the U.S. Army for implementing Entry Control Points in the field."

**About OSI Systems, Inc.**

OSI Systems, Inc. is a vertically integrated designer and manufacturer of specialized electronic systems and components for critical applications in the homeland security, healthcare, defense and aerospace industries. We combine more than 30 years of electronics engineering and manufacturing experience with offices and production facilities in more than a dozen countries to implement a strategy of expansion into selective end-product markets. For more information on OSI Systems Inc. or any of its subsidiary companies, visit [www.osi-systems.com](http://www.osi-systems.com). News Filter: OSIS-G

*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 company's expectations, goals or intentions about the future, including the Company's contracts to provide solutions to the Security industry. The actual results may differ materially from those described in or implied by any forward-looking statement.*

SOURCE: OSI Systems, Inc.

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