

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

FORM 8-K

**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 15, 2012**

OSI SYSTEMS, INC.

(EXACT NAME OF REGISTRANT SPECIFIED IN CHARTER)

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))

Item 8.01. Other Events

On November 15, 2012, OSI Systems, Inc. responded to media reports regarding testing of its Advanced Imaging Technology (AIT) systems by the U.S. Transportation Security Administration ("TSA") and a show cause letter that its Security division, Rapiscan Systems, received from the TSA on November 9, 2012. The letter, which pertains to a privacy system that Rapiscan was developing under a contract for the TSA, alleges that Rapiscan did not disclose issues related to the development process in a timely or complete manner.

In connection with its response, the Company issued a press release stating that Rapiscan did not falsify test data or engage in fraudulent conduct. A copy of the press release is attached hereto as Exhibit 99.1.

The Company continues to work closely with the TSA and, while there can be no assurance, believes that the matter is likely to be resolved in the near future.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits.

99.1 Press Release of OSI Systems, Inc. dated November 15, 2012

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: November 15, 2012

OSI SYSTEMS, INC.

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 November 15, 2012

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OSI Systems Responds to Media Reports Regarding Testing of AIT Systems

HAWTHORNE, CA. — November 15, 2012 — OSI Systems, Inc. (NASDAQ: OSIS), a vertically-integrated provider of specialized electronics and services, announced today that on November 9, 2012 Rapiscan Systems, its Security division, was delivered a show cause letter from the U.S. Transportation Security Administration (TSA). The letter, which pertains to a privacy system Rapiscan was developing under contract for the TSA, alleges that Rapiscan did not disclose issues related to the development process in a timely or complete manner. Contrary to some press reports, Rapiscan did not falsify test data; in fact, TSA testimony to Congress today confirms that this was at all times a government controlled test and that Rapiscan could not have manipulated any test data.

Furthermore, the evidence shows that Rapiscan delivered for testing the exact configuration previously disclosed to TSA and which TSA had approved.

“At no time did Rapiscan Systems falsify test data or engage in any fraudulent conduct,” OSI Systems President and CEO, Deepak Chopra, commented. “We take the matter very seriously and are fully cooperating with the TSA during this process.”

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. News Filter: OSIS-G

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements relate to the Company's current expectations, beliefs, projections and similar expressions concerning matters that are not historical facts and are not guarantees of future performance. Forward-looking statements involve uncertainties, risks, assumptions and contingencies, many of which are outside the Company's control, that may cause actual results may differ materially from those described in or implied by any forward-looking statement. All forward-looking statements are based on currently available information and speak only as of the date on which they are made. The Company assumes no obligation to update any forward-looking statement made in this press release that becomes untrue because of subsequent events, new information or otherwise, except to the extent it is required to do so in connection with its ongoing requirements under Federal securities laws. For a further discussion of these and other factors that could cause the Company's future results to differ materially from any forward-looking statements,

see the section entitled “Risk Factors” in the Company's Annual Report on Form 10-K for the year ended June 30, 2012 and other risks described in documents subsequently filed by the Company from time to time with the Securities and Exchange Commission. SOURCE: OSI Systems, Inc.

OSI Systems Inc

Ajay Vashishat
Vice President, Business Development
310-349-2237
avashishat@osi-systems.com
