

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 12b-25

NOTIFICATION OF LATE FILING

OMB APPROVAL
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(Check one): Form 10-K Form 20-F Form 11-K Form 10-Q Form 10-D
 Form N-SAR Form N-CSR

For Period Ended: June 30, 2017

- Transition Report on Form 10-K
 Transition Report on Form 20-F
 Transition Report on Form 11-K
 Transition Report on Form 10-Q
 Transition Report on Form N-SAR

For the Transition Period Ended: _____

Read Instructions (on back page) Before Preparing Form. Please Print or Type.
Nothing in this form shall be construed to imply that the Commission has verified any information contained herein.

If the notification relates to a portion of the filing checked above, identify the Item(s) to which the notification relates:

PART I — REGISTRANT INFORMATION

OSI Systems, Inc.

Full Name of Registrant

Former Name if Applicable

12525 Chadron Avenue

Address of Principal Executive Office (Street and Number)

Hawthorne, California 90250

City, State and Zip Code

PART II — RULES 12b-25(b) AND (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate)

- (a) The reason described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense
(b) The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, Form 11-K, Form N-SAR or Form N-CSR, or portion thereof, will be filed on or before the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and
(c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

PART III — NARRATIVE

State below in reasonable detail why Forms 10-K, 20-F, 11-K, 10-Q, 10-D, N-SAR, N-CSR, or the transition report or portion thereof, could not be filed within the prescribed time period.

OSI Systems, Inc. (the "Company") is unable to file, without unreasonable effort and expense, our Annual Report on Form 10-K for the fiscal year ended June 30, 2017 (the "Form 10-K") because Moss Adams LLP, the Company's independent registered public accounting firm, has not yet completed all procedures relating to its integrated audit. We expect that the integrated audit by Moss Adams LLP will be completed and we will file the Form 10-K on or before the fifteenth calendar day following the due date.

SEC 1344 (04-09)

Persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

PART IV — OTHER INFORMATION

(1) Name and telephone number of person to contact in regard to this notification
Alan Edrick (310) 978-0516
(Name) (Area Code) (Telephone Number)

(2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If answer is no, identify report(s).

Yes No

(3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof?

Yes No

If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

On August 24, 2017, the Company furnished a Form 8-K to the Securities and Exchange Commission which included a press release in which we announced the Company's financial results for the fiscal year ended June 30, 2017. We expect no change to the financial results reported in such press release. For the fiscal year ended June 30, 2017, we reported revenues of \$961 million, an increase of 16% as compared to the fiscal year ended June 30, 2016. Net income for fiscal 2017 was \$21.1 million, or \$1.07 per diluted share, compared to net income of \$26.2 million, or \$1.30 per diluted share, for fiscal 2016. During fiscal 2017, cash flow generated from operations was \$62.8 million and capital expenditures were \$17.1 million, compared to cash flow from operations during fiscal 2016 of \$59.2 million and capital expenditures of \$17.7 million.

OSI Systems, Inc.

(Name of Registrant as Specified in Charter)

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date August 29, 2017 By /s/ Alan Edrick
Name: Alan Edrick
Title: Executive Vice President and Chief Financial Officer

INSTRUCTION: The form may be signed by an executive officer of the registrant or by any other duly authorized representative. The name and title of the person signing the form shall be typed or printed beneath the signature. If the statement is signed on behalf of the registrant by an authorized representative (other than an executive officer), evidence of the representative's authority to sign on behalf of the registrant shall be filed with the form.

ATTENTION

Intentional misstatements or omissions of fact constitute Federal Criminal Violations (See 18 U.S.C. 1001).

August 29, 2017

Mr. Alan Edrick
Executive Vice President and Chief Financial Officer
OSI Systems, Inc.
12525 Chadron Avenue
Hawthorne, California 90250

Dear Mr. Edrick:

You have furnished us with a copy of the "Notification of Late Filing" on Form 12b-25, dated August 29, 2017, of OSI Systems, Inc. (the "Company"). We are in agreement with the comments under Part III of the Form with respect to the reasons why we are unable to complete our integrated audit on or before the date that the Company's Annual Report on Form 10-K for the fiscal year ended June 30, 2017 is required to be filed.

Very truly yours,

/s/ Moss Adams LLP

Moss Adams LLP
