

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF  
SECURITIES

|                          |           |
|--------------------------|-----------|
| OMB APPROVAL             |           |
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934  
or Section 30(h) of the Investment Company Act of 1940

|   |  |  |  |   |
|---|--|--|--|---|
| 1. Name and Address of Reporting Person*<br><u>Thompson Michael Shawn</u><br><br>(Last) (First) (Middle)<br><u>12525 CHADRON AVENUE</u><br><br>(Street)<br><u>HAWTHORNE CA</u> <u>90250</u><br><br>(City) (State) (Zip) | 2. Date of Event<br>Requiring Statement<br>(Month/Day/Year)<br><u>05/01/2017</u> | 3. Issuer Name and Ticker or Trading Symbol<br><u>OSI SYSTEMS INC [ OSIS ]</u>   |  |   |
|   |  | 4. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><div>Director10% Owner</div> <div><input checked="" type="checkbox"/> Officer (give title below)Other (specify below)</div> <div><u>President, OSI Electronics</u></div> |  | 5. If Amendment, Date of Original Filed<br>(Month/Day/Year)   |
|   |  |  |  | 6. Individual or Joint/Group Filing (Check<br>Applicable Line)<br><div><input checked="" type="checkbox"/> Form filed by One Reporting Person</div> <div>Form filed by More than One<br/>Reporting Person</div> |
|   |  |  |  |   |

Table I - Non-Derivative Securities Beneficially Owned

|  |  |   |  |
|--|--|---|--|
| 1. Title of Security (Instr. 4)              | 2. Amount of Securities<br>Beneficially Owned (Instr. 4) | 3. Ownership<br>Form: Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
| <u>No securities are beneficially owned.</u> | <u>0</u>   | <u>D</u>  |  |

Table II - Derivative Securities Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible securities)

|  |  |                    |  |  |  |  |   |
|--|--|--------------------|--|--|--|--|---|
| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 3. Title and Amount of Securities<br>Underlying Derivative Security (Instr. 4) |  | 4. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 5. Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 5) | 6. Nature of Indirect<br>Beneficial Ownership<br>(Instr. 5) |
|  | Date<br>Exercisable  | Expiration<br>Date | Title  | Amount<br>or<br>Number<br>of<br>Shares |  |  |   |
|  |  |                    |  |  |  |  |   |

Explanation of Responses:

/s/ Michael Shawn Thompson 05/05/2017  
\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.  
\* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).  
\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).  
Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.  
Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.