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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

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**SCHEDULE 13G/A**

**Under the Securities Exchange Act of 1934  
(Amendment No. 7)\***

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**OSI Systems, Inc.**  
(Name of Issuer)

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**Common Stock**  
(Title of Class of Securities)

**671044105**  
(CUSIP Number)

**December 31, 2009**  
(Date of Event Which Requires Filing of this Statement)

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Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☐ Rule 13d-1(b)  
☐ Rule 13d-1(c)  
☒ Rule 13d-1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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|---|---|
| CUSIP No. 671044105   |   |
| 1.  | Names of Reporting Persons.<br>I.R.S. Identification Nos. of above persons (entities only).<br><br>Deepak Chopra  |
| 2.  | Check the Appropriate Box if a Member of a Group (See Instructions)<br><br>(a) <input type="checkbox"/> (b) <input type="checkbox"/>                      |
| 3.  | SEC Use Only  |
| 4.  | Citizenship or Place of Organization<br><br>United States   |
| Number of<br>Shares<br>Beneficially<br>Owned by<br>Each<br>Reporting<br>Person<br>With: | 5. Sole Voting Power<br><br>932,746 shares  |
|   | 6. Shared Voting Power<br><br>120,000 shares  |
|   | 7. Sole Dispositive Power<br><br>932,746 shares   |
|   | 8. Shared Dispositive Power<br><br>120,000 shares   |
| 9.  | Aggregate Amount Beneficially Owned by Each Reporting Person<br><br>1,052,746 shares  |
| 10.   | Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)<br><br><div style="text-align: right;"><input type="checkbox"/></div> |
| 11.   | Percent of Class Represented by Amount in Row (9)<br><br>5.6 %  |
| 12.   | Type of Reporting Person (See Instructions)<br><br>IN   |

**Item 1.**

- (a) Name of Issuer  
OSI Systems, Inc.
- 
- (b) Address of Issuer's Principal Executive Offices  
12525 Chadron Avenue, Hawthorne, California 90250
- 

**Item 2.**

- (a) Name of Person Filing  
Deepak Chopra
- 
- (b) Address of Principal Business Office or, if none, Residence  
12525 Chadron Avenue, Hawthorne, California 90250
- 
- (c) Citizenship  
United States
- 
- (d) Title of Class of Securities  
Common Stock
- 
- (e) CUSIP Number  
671044105
- 

**Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:**

- (a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- (e) ☐ An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f) ☐ An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) ☐ Group, in accordance with §240.13d-1(b)(1)(ii)(J).

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**Item 4. Ownership**

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned:

1,052,746 shares

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- (b) Percent of class:

5.6%

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- (c) Number of shares as to which the person has:
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- (i) Sole power to vote or to direct the vote

932,746 shares

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- (ii) Shared power to vote or to direct the vote

120,000 shares

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- (iii) Sole power to dispose or to direct the disposition of

932,746 shares

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- (iv) Shared power to dispose or to direct the disposition of

120,000 shares

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**Item 5. Ownership of Five Percent or Less of a Class**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following ☐.

**Item 6. Ownership of More than Five Percent on Behalf of Another Person**

Of the 1,052,746 shares beneficially owned by Deepak Chopra, 80,000 shares are owned by The Deepika Chopra Trust UDT, dated July 17, 1987, and 40,000 shares owned by The Chandini Chopra Trust UDT, dated July 17, 1987. Deepak Chopra is the co-trustee of both irrevocable trusts. In addition, 489,891 of the shares that are beneficially owned by Deepak Chopra are held jointly with his wife, Nandini Chopra.

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company**

Not applicable.

**Item 8. Identification and Classification of Members of the Group**

Not applicable.

**Item 9. Notice of Dissolution of Group**

Not applicable.

**Item 10. Certification**

Not applicable.

**Signature**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 11, 2010.

DEEPAK CHOPRA

By: /s/ DEEPAK CHOPRA  
Name/Title: **Deepak Chopra – Chairman of the Board,  
Chief Executive Officer and President**

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001).