

EDRICK ALAN I  
Form 4  
March 19, 2008

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
EDRICK ALAN I

2. Issuer Name and Ticker or Trading Symbol  
OSI SYSTEMS INC [OSIS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
12525 CHADRON AVE

3. Date of Earliest Transaction (Month/Day/Year)  
03/17/2008

\_\_\_ Director \_\_\_ 10% Owner  
\_X\_ Officer (give title below) \_\_\_ Other (specify below)  
CFO & EVP

(Street)  
HAWTHORNE, CA 90250

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
\_X\_ Form filed by One Reporting Person  
\_\_\_ Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				(A) or (D)	Code V Amount (D) Price		

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of Derivative Securities	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Option to Purchase Common Stock	\$ 17.37	03/17/2008	A	2,873					07/25/2009 <sup>(1)</sup>	07/24/2011	Common Stock	2,873
Option to Purchase Common Stock	\$ 17.37	03/17/2008	A	14,362					07/25/2009 <sup>(2)</sup>	07/24/2011	Common Stock	14,362

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
EDRICK ALAN I 12525 CHADRON AVE HAWTHORNE, CA 90250			CFO & EVP	

## Signatures

/s/ Alan Edrick                      03/17/2008  
 \_\_Signature of                      Date  
 Reporting Person

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(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).
- (1) This stock option results from the conversion of a stock option to purchase Rapiscan Systems Holdings, Inc. common stock that was originally granted to the reporting person in 2006. Rapiscan Systems Holdings, Inc. stock options have been converted to options in the issuer's stock. This option is currently vested as to 25% of the underlying shares. This option will be vested as to 50% of the underlying shares on July 25, 2008, and will be vested as to 100% of the underlying shares on July 25, 2009.
- (2) This stock option results from the conversion of a stock option to purchase Rapiscan Systems Holdings, Inc. common stock that was originally granted to the reporting person in 2006. This option is currently vested as to 25% of the underlying shares. This option will be vested as to 50% of the underlying shares on July 25, 2008, and will be vested as to 100% of the underlying shares on July 25, 2009.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential 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 number.