

Edgar Filing: OSI SYSTEMS INC - Form SC 13G/A

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware - U.S.A.

	5	SOLE VOTING POWER	
			1,456,498
NUMBER OF SHARES	6	SHARED VOTING POWER	
BENEFICIALLY OWNED BY EACH			0
REPORTING PERSON	7	SOLE DISPOSITIVE POWER	
WITH			1,696,289
	8	SHARED DISPOSITIVE POWER	
			0

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,696,289

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

10.4%

12 TYPE OF REPORTING PERSON*

IA

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Item 1(a) Name of Issuer:
OSI Systems, Inc.

Item 1(b) Address of Issuer's Principal Executive Offices:
12525 Chadron Avenue
Hawthorne, CA 90250

Item 2(a) Name of Person Filing:
NWQ Investment Management Company, LLC

Item 2(b) Address of the Principal Office or, if none, Residence:
2049 Century Park East, 16th Floor
Los Angeles, CA 90067

Item 2(c) Citizenship:
Delaware - U.S.A.

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- Item 2(d) Title of Class of Securities:
Common
- Item 2(e) CUSIP Number:
671044105
- Item 3 If the Statement is being filed pursuant to Rule 13d-1(b), or 13d-2(b), check whether the person filing is a:
- (e) An investment advisor in accordance with section 240.13d-1(b)(1)(ii)(E)
- Item 4 Ownership:
- (a) Amount Beneficially Owned:
1,696,289
- (b) Percent of Class:
10.4 %
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- (c) Number of shares as to which such person has:
- (i) sole power to vote or direct the vote: 1,456,498
- (ii) shared power to vote or direct the vote: 0
- (iii) sole power to dispose or to direct the disposition of: 1,696,289
- (iv) shared power to dispose or to direct the disposition of:
0
- Item 5 Ownership of Five Percent or Less of a Class:
Not applicable.
- Item 6 Ownership of More than Five Percent on Behalf of Another Person:
- Securities reported on this Schedule 13G are beneficially owned by clients of NWQ Investment Management, which clients may include investment companies registered under the Investment Company Act and/or employee benefit plans, pension funds, endowment funds or other institutional clients.
- 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 a Group:
Not applicable.

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Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

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 14, 2006

NWQ Investment Management Company, LLC

By: /S/ Jon D. Bosse

Name: Jon D. Bosse
Chief Investment Officer,
Managing Director

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