OSI SYSTEMS INC Form SC 13G/A February 09, 2009

#### **UNITED STATES**

#### SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

# **SCHEDULE 13G**

**Under the Securities Exchange Act of 1934** 

(Amendment No. 4)\*

#### **OSI SYSTEMS INC**

(Name of Issuer)

Common Stock

(Title of Class of Securities)

671044105

(CUSIP Number)

December 31, 2008

#### (Date of Event Which Requires Filing of this Statement)

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

#### CUSIP No. 671044105

1. Names of Reporting Persons.

I.R.S. Identification Nos. of above persons (entities only).

2.		Dimensional Fund Advisors LP (Tax ID: 30-0447847) e Appropriate Box if a Member of a Group (See Instructions)
	(a) "	
3.	(b) x SEC Use	Only
4.	Citizensh	nip or Place of Organization
		Delaware Limited Partnership  5. Sole Voting Power
Nun	nber of	
Shaı	res	
Beneficially Owned by		925939 **see Note 1** 6. Shared Voting Power
		or similar in our or
Eacl	h	
Reporting		0
Person		7. Sole Dispositive Power
Witl	h	
		962721 **see Note 1** 8. Shared Dispositive Power

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

962721 \*\*see Note 1\*\*

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

N/A

11. Percent of Class Represented by Amount in Row (9)

5.4%

12. Type of Reporting Person (See Instructions)

IA

# Edgar Filing: OSI SYSTEMS INC - Form SC 13G/A Item 1. (a) Name of Issuer OSI SYSTEMS INC Address of Issuer s Principal Executive Offices 12525 Chadron Ave, Hawthorne, CA 90250-4807 Item 2. Name of Person Filing (a) Dimensional Fund Advisors LP Address of Principal Business Office or, if none, Residence (b) Palisades West, Building One, 6300 Bee Cave Road, Austin, Texas, 78746 Citizenship (c) Delaware Limited Partnership Title of Class of Securities Common Stock 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); X An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); (f) (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); (h) (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).

### 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:

962721 \*\*see Note 1\*\*

(b) Percent of class:

5.4%

	(c)	Nun	aber of shares as to which the person has:
		(i)	Sole power to vote or to direct the vote:
			925939 **see Note 1**
		(ii)	Shared power to vote or to direct the vote:
			0
		(iii)	Sole power to dispose or to direct the disposition of:
		( )	
			962721 **see Note 1**
		(1V)	Shared power to dispose or to direct the disposition of:
			0
Funds. described Funds. H In addition	nt manager In its role in this sch owever, all on, the filing	to cer as invedule secur g of the	nent advice to four investment companies registered under the Investment Company Act of 1940, and serves as retain other commingled group trusts and separate accounts. These investment companies, trusts and accounts are the restment advisor or manager, Dimensional possesses investment and/or voting power over the securities of the Issuer that are owned by the Funds, and may be deemed to be the beneficial owner of the shares of the Issuer held by the rities reported in this schedule are owned by the Funds. Dimensional disclaims beneficial ownership of such securities. This Schedule 13G shall not be construed as an admission that the reporting person or any of its affiliates is the eccurities covered by this Schedule 13G for any other purposes than Section 13(d) of the Securities Exchange Act of
Item 5.	Ownersh	ip of	Five Percent or Less of a Class
			filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than f securities, check the following [ ].
Item 6.	Ownersh	ip of	More than Five Percent on Behalf of Another Person.
	from the	sale o	cribed in Note 1 above have the right to receive or the power to direct the receipt of dividends from, or the proceeds of, the securities held in their respective accounts. To the knowledge of Dimensional, the interest of any one such Fund ed 5% of the class of securities. Dimensional disclaims beneficial ownership of all such securities.
Item 7.	Identification or Control		and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company son.
	N/A		
Item 8.	Identifica	ation	and Classification of Members of the Group
	N/A		
Item 9.	Notice of	f Diss	olution of Group

Item 10.

N/A

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 the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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

DIMENSIONAL FUND ADVISORS LP
February 9, 2009
Date
By: Dimensional Holdings Inc., General Partner
/s/ Christopher Crossan
Signature
Global Chief Compliance Officer
Title