



Owned by Each Reporting Person With: 8. Shared Dispositive Power 877,400

9  
Aggregate Amount Beneficially Owned by Each Reporting Person  
877,400 Shares \*

10  
Check if the Aggregate Amount in Row (11) Excludes Certain  
Shares (See Instructions)

11  
Percent of Class Represented by Amount in Row (11)  
8.9%

12  
Type of Reporting Person (See Instructions)  
IA

\* Brinson Partners, Inc. disclaims beneficial ownership of  
such securities.

Cusip 671044105

-----  
1  
Names of Reporting Persons  
I.R.S. Identification Nos. of above persons (entities only).

UBS AG  
98-0186363

-----  
2  
Check the Appropriate Box if a Member of a Group (See  
Instructions)  
a / /  
b /x/ See Item 8 of attached schedule.

-----  
3  
SEC USE ONLY

-----  
4  
Citizenship or Place of Organization - Switzerland

-----  
Number of 5. Sole Voting Power \_\_\_\_\_  
Shares Bene- 6. Shared Voting Power 877,400  
ficially 7. Sole Dispositive Power \_\_\_\_\_  
Owned by Each 8. Shared Dispositive Power 877,400  
Reporting  
Person With:

-----  
9  
Aggregate Amount Beneficially Owned by Each Reporting Person  
877,400 Shares \*

-----  
10  
Check if the Aggregate Amount in Row (11) Excludes Certain  
Shares (See Instructions)

-----  
11  
Percent of Class Represented by Amount in Row (11)  
8.9%

-----  
12  
Type of Reporting Person (See Instructions)  
BK See Item 3 of attached schedule.

-----  
\* UBS AG disclaims beneficial ownership of such securities.

Cusip 671044105

-----  
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 Persons Filing:  
Brinson Partners, Inc. ("BPI") and UBS AG ("UBSAG").  
Item 2(b) Address of Principal Business Office or, if none,  
Residence:  
BPI's principal business office is located at:  
209 South LaSalle, Chicago, Illinois 60604-1295  
UBSAG's principal business office is located at:  
Bahnhofstrasse 45  
8021, Zurich, Switzerland

Item 2(c) Citizenship:  
Incorporated by reference to Item 4 of the cover pages.

Item 2(d) Title of Class of Securities:  
Common Stock (the "Common Stock")

Item 2(e) CUSIP Number:  
671044105  
-----

Item 3. Type of Person Filing:  
BPI is an Investment Adviser registered under section 203 of  
the Investment Advisers Act of 1940. UBS AG is classified as  
a Bank as defined in section 3(a)(6) of the Act pursuant to  
no action relief granted by the staff of the Securities and  
Exchange Commission.  
-----

Item 4 (a)-(c)(iv). Ownership:  
Incorporated by reference to Items 5-11 of the cover pages.  
-----

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:  
Accounts managed on a discretionary basis by BPI and/or UBS AG have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Common Stock. No account holds more than 5 percent of the outstanding Common Stock.  
-----

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company:  
[See item 3 above]  
-----

Item 8 Identification and Classification of Members of the Group:  
BPI is an indirect wholly-owned subsidiary of UBS AG. UBS AG is reporting indirect beneficial ownership of holdings by reason of its ownership of BPI and UBS (USA) Inc., a parent holding company of BPI. UBS AG does not hereby affirm the existence of a group within the meaning of Rule 13d-5(b)(1).  
-----

Item 9 Notice of Dissolution of Group:  
Not Applicable  
-----

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 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.  
-----

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.

Date: February 3, 1999

Brinson Partners, Inc.

By:/s/ Mark F. Kemper	By:/s/ Samuel W. Anderson
Mark F. Kemper	Samuel W. Anderson
Assistant Secretary	Vice President and Secretary

UBS AG

By: /s/ Louis R. Eber	By:/s/ Janet R. Zimmer
Louis R. Eber	Janet R. Zimmer
Executive Director	Executive Director

-----

EXHIBIT 1  
AGREEMENT TO MAKE A JOINT FILING

Brinson Partners, Inc. and UBS AG each agrees that this Schedule 13G (including all amendments thereto) is filed by and on behalf of each such party.

Date: February 3, 1999

Brinson Partners, Inc.

By:/s/ Mark F. Kemper  
Mark F. Kemper  
Assistant Secretary

By:/s/ Samuel W. Anderson  
Samuel W. Anderson  
Vice President and Secretary

UBS AG

By: /s/ Louis R. Eber  
Louis R. Eber  
Executive Director

By:/s/ Janet R. Zimmer  
Janet R. Zimmer  
Executive Director