

SCHEDULE 13G

**Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d)
and Amendments Thereto Filed Pursuant to Rule 13d-2.**

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

Under the Securities Exchange Act of 1934

Imagis Technologies, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

45246M100

(CUSIP Number)

July 8, 2002

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is being 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. 45246M100

1. Name of Reporting Person
S.S. or I.R.S. Identification No. of above person

OSI Systems, Inc.

2. Check the Appropriate Box if a Member of a Group*

(a)

(b)

3. SEC Use Only

4. Citizenship or Place of Organization

Delaware

5. Sole Voting Power

1,166,667

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY

6. Shared Voting Power

0

EACH
REPORTING
PERSON
WITH

7. Sole Dispositive Power

1,166,667

8. Shared Dispositive Power

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

1,166,667

10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares*

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

6.45%

12. Type of Reporting Person*

CO

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- Item 1(a)** Name of Issuer:
Imagis Technologies, Inc.
- Item 1(b)** Address of Issuer's Principal Executive Office:
1300-1075 West Georgia Street
Vancouver, British Columbia
Canada V6E 3C9
- Item 2(a)** Name of Person Filing:
OSI Systems, Inc.
- Item 2(b)** Address of Principal Business Office, or, if none, Residence:
12525 Chadron Avenue
Hawthorne, CA 90250
- Item 2(c)** Citizenship:
U.S.
- Item 2(d)** Title of Class of Securities:
Common Stock
- Item 2(e)** CUSIP Number:
45246M100
- Item 3. Statement filed pursuant to Rule 13d-1(b), or 13d-2(b):**
Not applicable
- Item 4. Ownership.**
(a) Amount Beneficially Owned: 1,166,667
(b) Percent of Class: 6.45%
(c) Number of shares as to which such person has:
(i) sole power to vote or to direct the vote: 1,166,667
(ii) shared power to vote or to direct the vote: 0
(iii) sole power to dispose or to direct the disposition of: 1,166,667
(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.**
Not applicable
- 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 Duration 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 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.

July 18, 2002

(Date)

/s/ Anuj Wadhawan, Assistant Secretary

(Signature)