

MILLER JAY D  
 Form 4/A  
 November 23, 2005

**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 \*  
 MILLER JAY D

2. Issuer Name and Ticker or Trading Symbol  
 VITAL IMAGES INC [VTAL]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
 5850 OPUS PARKWAY, SUITE 300  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 11/21/2005

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 President & CEO

MINNETONKA, MN 55343

4. If Amendment, Date Original Filed(Month/Day/Year)  
 11/21/2005

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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)
			Code	V	Amount (A) or (D) Price		
Common stock <sup>(1)</sup>	11/21/2005		M		2,900 A \$ 1.125	17,720	D
Common stock <sup>(1)</sup>	11/21/2005		S		2,320 D \$ 25.3	15,400	D
Common Stock <sup>(1)</sup>	11/22/2005		M		3,000 A \$ 1.125	18,400	D
Common Stock <sup>(1)</sup>	11/22/2005		S		2,400 D \$ 26.33	16,000	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Employee stock option (right to buy) <sup>(1)</sup>	\$ 1.125	11/21/2005		M	2,900	02/24/1998 02/24/2006	Common stock	2,900
Employee Stock Option (right to buy) <sup>(1)</sup>	\$ 1.125	11/22/2005		M	3,000	02/24/1998 02/24/2006	Common stock	3,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MILLER JAY D 5850 OPUS PARKWAY SUITE 300 MINNETONKA, MN 55343	X		President & CEO	

## Signatures

Jay D Miller 11/22/2005

                      
\*\*Signature of Reporting Person

\_\_\_\_\_  
Date

## 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) Transaction made pursuant to plan adopted under Rule 10b5-1.

(2) In addition, Mr. Miller has other options of 372,500 at various prices and expiration dates.

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

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