Trefler Leon Form 4 June 14, 2010

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Addr Trefler Leon	ess of Reporti	ng Person *_	2. Issuer Name and Ticker or Trading Symbol PEGASYSTEMS INC [PEGA]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction				
101 MAIN STREET			(Month/Day/Year) 06/13/2010	Director 10% OwnerX Officer (give title Other (specify below) Senior Vice President, Sales			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
CAMBRIDGE, MA 02142			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	Zip) Table	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	06/13/2010		M	130 (1)	A	\$ 0	230	D	
Common Stock	06/13/2010		F	42	D	\$ 30.26	188	D	

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

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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. Transacti Code (Instr. 8)	Derivative	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units (2)	\$ 0	06/13/2010		M	130	12/13/2008(1)	(3)	Common Stock	130

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Trefler Leon

101 MAIN STREET CAMBRIDGE, MA 02142 Senior Vice President, Sales

Signatures

/s/ Janet Mesrobian, Esq., as Attorney-In-Fact for Leon Trefler

06/15/2010

De

**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) Represents 5% quarterly vesting on June 13, 2010. Original grant was 2,600 RSUs, with 20% vested on December 13, 2008, and the remaining 80% vesting in equal quarterly installments over the remaining four years.
- (2) Each restricted stock unit represents the right to receive, following vesting, one share of Pegasystems Inc.'s common stock.
- (3) Once vested, the shares of common stock are not subject to expiration.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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