Trefler Leon Form 4 September 16, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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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).

(City)

(State)

(Zin)

(Print or Type Responses)

1. Name and Address of Reporting Person * Trefler Leon			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	(un uppneusie)		
101 MAIN STI	REET		(Month/Day/Year) 09/15/2011	Director 10% Owner X Officer (give title Other (specify below)		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Che		
CAMBRIDGE	, MA 02142	2	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) (Table Table	e I - Non-D	erivative	Secur	rities Acqu	uired, Disposed of	f, or Beneficiall	y Owned
1.Title of Security		saction Date 2A. Deemed h/Day/Year) Execution Date, if		4. Securities Acquired transaction(A) or Disposed of (D)			5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	(Instr. 3,	4 and (A)	5)	Beneficially Owned Following Reported	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	09/15/2011		M	62 (1)	A	\$0	2,086	D	
Common Stock	09/15/2011		F	20	D	\$ 36.26	2,066	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)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			7. Title and A Underlying S (Instr. 3 and	Securities	8. I De Sec (In
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units (2)	\$ 0	09/15/2011		M	62 (1)	12/15/2010(1)	(3)	Common Stock	1,250	

Reporting Owners

Paparting Owner Name / Address	Relationships

Director 10% Owner Officer Other

Trefler Leon 101 MAIN STREET CAMBRIDGE, MA 02142

Senior Vice President, Sales

Signatures

/s/ Shawn Hoyt, Esq., as Attorney-In-Fact for Leon
Trefler 09/16/2011

**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 September 15, 2011. Original grant was 1,250 RSUs, with 20% vested on December 15, 2010, 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.

Reporting Owners 2