Paycom Software, Inc. Form 4 September 30, 2015

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

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> _X__ 10% Owner __ Other (specify

Check this box if no longer subject to Section 16.

Form 4 or

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

Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

(Print or Type Responses)

5. Relationship of Reporting Person(s) to 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading **REGAN BRIAN THOMAS** Issuer Symbol Paycom Software, Inc. [PAYC] (First) (Middle) 3. Date of Earliest Transaction (Last)

(Month/Day/Year)

09/28/2015

(Check all applicable)

Director

below)

Officer (give title

C/O WELSH, CARSON, ANDERSON & STOWE, 320 PARK AVENUE, NEW YORK, SUITE 2500

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

NY 10022

(City)	(State)	(Zip) Tab	le I - Non-	Derivative S	Securi	ties Acqu	ired, Disposed of	f, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities or Dispose (Instr. 3, 4) Amount	d of (I	O)	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	09/28/2015		S	667,903	D	\$ 37.56	8,376,613	I	By Welsh, Carson, Anderson & Stowe X, L.P. (1)
Common Stock	09/28/2015		S	7,097	D	\$ 37.56	89,014	I	By WCAS Capital Partners IV, L.P. (1)
							8,771	D	

Common Stock

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

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SEC 1474

(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. Transactic Code (Instr. 8)	5. DriNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

	Relationships				
Reporting Owner Name / Address	Director	10% Owner	Officer	Other	
REGAN BRIAN THOMAS					
C/O WELSH, CARSON, ANDERSON & STOWE		X			
320 PARK AVENUE, NEW YORK, SUITE 2500					
NY 10022					

Signatures

/s/David Mintz,
Attorney-in-Fact

**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) The Reporting Person is a managing member of the respective sole general partners of Welsh, Carson, Anderson & Stowe X, L.P. and WCAS Capital Partners IV, L.P. Pursuant to Instruction (4)(b)(iv) of Form 4, the Reporting Person has elected to report as indirectly beneficially owned the entire number of securities beneficially owned by each such entity. The Reporting Person disclaims beneficial ownership of any securities, and any proceeds thereof, that exceed his pecuniary interest therein and/or that are not actually distributed to

Reporting Owners 2

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him.

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.