

Paycom Software, Inc.  
Form 4  
September 30, 2015

**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 \*  
WELSH PATRICK J

2. Issuer Name and Ticker or Trading Symbol  
Paycom Software, Inc. [PAYC]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)  
09/28/2015

\_\_\_ Director \_\_\_X\_ 10% Owner  
\_\_\_ Officer (give title below) \_\_\_ Other (specify below)

C/O WELSH, CARSON, ANDERSON & STOWE, 320 PARK AVENUE, 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 Person

NEW YORK, NY 10022

(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 Indirect Beneficial Ownership (Instr. 4)		
				(A) or (D)	Price				
				Code	V	Amount			
Common Stock	09/28/2015		S	667,903	D	\$ 37.56	8,376,613	I	By Welsh, Carson, Anderson & Stowe X, L.P. <sup>(1)</sup>
Common Stock	09/28/2015		S	7,097	D	\$ 37.56	89,014	I	By WCAS Capital Partners IV, L.P. <sup>(1)</sup>
Common Stock							215,270	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)

Table with 9 columns: 1. Title of Derivative Security, 2. Conversion or Exercise Price of Derivative Security, 3. Transaction Date, 3A. Deemed Execution Date, if any, 4. Transaction Code, 5. Number of Derivative Securities Acquired (A) or Disposed of (D), 6. Date Exercisable and Expiration Date, 7. Title and Amount of Underlying Securities, 8. Price of Derivative Security, 9. Number of Derivative Securities Beneficially Owned. Includes sub-columns for Date Exercisable and Expiration Date, and Title and Number of Shares.

Reporting Owners

Table with 2 main columns: Reporting Owner Name / Address and Relationships (Director, 10% Owner, Officer, Other). Entry for WELSH PATRICK J, C/O WELSH, CARSON, ANDERSON & STOWE, 320 PARK AVENUE, SUITE 2500, NEW YORK, NY 10022 with an 'X' in the 10% Owner column.

Signatures

/s/David Mintz, Attorney-in-Fact, 09/28/2015. Signature of Reporting Person and 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).
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 (1) 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 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.