

Paycom Software, Inc.
 Form 4
 November 18, 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, Carson, Anderson & Stowe X, L.P.

(Last) (First) (Middle)

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

(Street)

NEW YORK, NY 10022

(City) (State) (Zip)

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

3. Date of Earliest Transaction
 (Month/Day/Year)
 11/18/2015

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___X___ 10% Owner
 ___ Officer (give title below) ___ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

___ Form filed by One Reporting Person
 X Form filed by More than One Reporting Person

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 Ownership (Instr. 4)
Common Stock	11/18/2015		S	V Amount (D) Price	5,644,975	D (1) (2) (3)	
					\$ 41.75		

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)

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 securities reported as directly beneficially owned by the designated Reporting Person may be deemed to be indirectly beneficially owned by each of the Reporting Owners listed below, each of whom is a managing member of the sole general partner of the designated

- (1) Reporting Person. Pursuant to Instruction 4(b)(iv) of Form 4, each such individual has elected to report as indirectly beneficially owned the entire number of securities owned by the designated Reporting Person, however each of them 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.

Each Reporting Owner listed below also indirectly beneficially owns 59,986 shares of Common Stock held by WCAS Capital Partners IV, L.P. Such individuals are managing members of the sole general partner of WCAS Capital Partners IV, L.P. Pursuant to Instruction

- (2) 4(b)(iv) of Form 4, each such individual has elected to report as indirectly beneficially owned the entire number of securities owned by such entity, however each of them 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.

Each Reporting Owner listed below also directly beneficially owns the following shares of Common Stock: Patrick J. Welsh - 215,270; Russell L. Carson - 179,801; Bruce K. Anderson - 215,270; Robert A. Minicucci - 303,551; Anthony J. deNicola - 443,410 (also indirectly beneficially owns 71,877 shares held by deNicola Holdings II LLC, but disclaims beneficial ownership of such shares except to

- (3) the extent of his pecuniary interest therein); Paul B. Queally - 421,846 (also indirectly beneficially owns 93,441 shares held by The Queally Family LLC, but disclaims beneficial ownership of such shares except to the extent of his pecuniary interest therein); Sanjay Swani - 221,036 (also indirectly beneficially owns 50,134 shares held by The Swani Family LLC, but disclaims beneficial ownership of such shares except to the extent of his pecuniary interest therein); Michael E. Donovan - 40,740; Tony F. Ecock - 22,619; Brian T. Regan - 8,771; and Christopher W. Solomon - 3,089.

Remarks:

Remarks:

Form 2 of 2

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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