Paycom Software, Inc. Form 4 September 30, 2015

Check this box

if no longer

subject to

Section 16.

Form 4 or

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

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

0.5

Estimated average burden hours per

response...

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

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

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Welsh, Carson, Anderson & Stowe

X, L.P.

(Last)

(City)

(First)

(State)

(Middle)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

Paycom Software, Inc. [PAYC]

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

09/28/2015

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director X 10% Owner Other (specify

Officer (give title below)

ANDERSON & STOWE, 320 PARK

AVENUE, SUITE 2500

C/O WELSH, CARSON,

(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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

NEW YORK, NY 10022

		Tube 1 100 Berryarie Securios Required, Disposed by or Beneficiary 6 whea									
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securitie	s Acq	uired (A)	5. Amount of	6.	7. Nature of		
Security	(Month/Day/Year)	Execution Date, if	Transaction Disposed of (D)				Securities	Ownership	Indirect		
(Instr. 3)		any	Code (Instr. 3, 4 and 5)			Beneficially	Form:	Beneficial			
		(Month/Day/Year)	(Instr. 8)				Owned	Direct (D)	Ownership		
							Following	or Indirect	(Instr. 4)		
					()		Reported	(I)			
					(A)		Transaction(s)	(Instr. 4)			
			C 1 W		or	ъ.	(Instr. 3 and 4)				
			Code V	Amount	(D)	Price					
Common Stock	09/28/2015		S	667,903	D	\$ 37.56	8,376,613	D			

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title a	ınd	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orNumber	Expiration D	ate	Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	/Year)	Underlyi	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities	3		(Instr. 3 a	and 4)		Own
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								٨٠	ma a u m t		
									mount		
						Date	Expiration	or			
						Exercisable	Date		umber		
				G 1 17	(A) (D)			of			
				Code V	(A) (D)			Sh	nares		

X

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Welsh, Carson, Anderson & Stowe X, L.P.

Welsh, Carson, Anderson & Stowe X, L.P. C/O WELSH, CARSON, ANDERSON & STOWE 320 PARK AVENUE, SUITE 2500 NEW YORK, NY 10022

Signatures

/s/David Mintz, Attorney-in-Fact

09/28/2015

**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).

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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