

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * Smith Bradley Scott (Last) (First) (Middle)	2. Date of Event Requiring Statement (MM/DD/YYYY) 4/16/2018	3. Issuer Name and Ticker or Trading Symbol Paycom Software, Inc. [PAYC]
7501 W. MEMORIAL ROAD	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Information Officer /	
OKLAHOMA CITY, OK 73142 (City) (State) (Zip)	5. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	30265 (1)	D	
Common Stock	23942	I	By Bradley Scott Smith Revocable Trust, dated October 30, 2017 (2)

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

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Explanation of Responses:

- (1) Includes 24,792 shares of restricted stock.
- (2) Bradley Scott Smith Revocable Trust, dated October 30, 2017 (the "Bradley Scott Smith Revocable Trust") is a revocable trust for the benefit of the reporting person, his spouse, and his children. The reporting person is the trustor and, with his spouse, a co-trustee of the Bradley Scott Smith Revocable Trust. Accordingly, the reporting person reports beneficial ownership of all of the shares of Paycom Software, Inc.'s common stock held by the Bradley Scott Smith Revocable Trust but disclaims beneficial ownership except to the extent of his and his spouse's pecuniary interest therein.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Smith Bradley Scott 7501 W. MEMORIAL ROAD OKLAHOMA CITY, OK 73142			Chief Information Officer	

Signatures

/s/ **Bradley Scott Smith**

4/25/2018

** Signature of Reporting Person

Date

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

* If the form is filed by more than one reporting person, *see* Instruction 5(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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.