Emswiler Shane Form 4 February 20, 2018

FORM 4

Form 4 or

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

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to **SECURITIES** Section 16.

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)

1. Name and Address of Reporting Person * Emswiler Shane			2. Issuer Name and Ticker or Trading Symbol ANSYS INC [ANSS]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (M		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year)	Director 10% Owner		
SOUTHPOINTE, 2600 ANSYS			02/15/2018	Officer (give title Other (specification) below)		
DRIVE				VP and General Manager		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line)		
				X Form filed by One Reporting Person		
CANONSBURG, PA 15317				Form filed by More than One Reporting		

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secu	rities Acqu	ired, Disposed of	, or Beneficiall	y 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. Securion(A) or Do (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	02/15/2018		M	2,737 (1)	A	\$0	23,590 (5)	D	
Common Stock	02/15/2018		M	912 (2)	A	\$ 0	24,502 (5)	D	
Common Stock	02/15/2018		M	2,132 (3)	A	\$ 0	26,634 (5)	D	
Common Stock	02/15/2018		F	1,677 (4)	D	\$ 162.41	24,957 (5)	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)

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. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration D (Month/Day)	Pate	7. Title and Underlying (Instr. 3 and	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Performance Restricted Stock Unit	\$ 0	02/15/2018		M	2,737	<u>(6)</u>	<u>(6)</u>	Common Stock	2,737
Performance Restricted Stock Unit	\$ 0	02/15/2018		M	912	<u>(7)</u>	<u>(7)</u>	Common Stock	912
Performance Restricted Stock Unit	\$ 0	02/15/2018		M	2,132	(8)	(8)	Common Stock	2,132

Reporting Owners

Reporting Owner Name / Address	Relationships						
1	Director	10% Owner	Officer	Other			
Emswiler Shane SOUTHPOINTE 2600 ANSYS DRIVE CANONSBURG, PA 15317			VP and General Manager				

Signatures

Janet Lee,	
Attorney-in-Fact	02/20/2018
**Signature of Reporting	Date

Reporting Owners 2

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).
- Awarded under Issuer's Second Amended and Restated Long-Term Incentive Plan. Shares earned upon vesting and settlement of

 (1) Performance Restricted Stock Units and certification of performance results by the Compensation Committee of 150% of target for each year of cumulative three-year award period.
- Awarded under the Issuer's Fourth Amended and Restated 1996 Stock Option and Grant Plan. Shares earned upon vesting and settlement (2) of Performance Restricted Stock Units and certification of performance results by the Compensation Committee of 0%, 0% and 150% of target for each year of cumulative three-year award period.
 - Awarded under the Issuer's Fifth Amended and Restated 1996 Stock and Option Grant Plan. Shares earned upon vesting and settlement of 50% of the earned Performance Restricted Stock Units for the annual period ending December 31, 2017, upon certification of
- (3) performance results by the Compensation Committee of 200% of target for the annual period ended December 31, 2017. The remaining 50% of the earned Performance Restricted Stock Units for such annual period ending December 31, 2017 shall vest, if at all, on December 31, 2019, and upon certification of performance results by the Compensation Committee.
- (4) Shares withheld for payment of taxes in connection with the vesting and settlement of Performance Restricted Stock Units described in footnotes 1 through 3 above.
- (5) Includes 16,877 Restricted Stock Units, as well as 111 shares acquired under the ANSYS Employee Stock Purchase Plan on January 31, 2018.
- Awarded under Issuer's Second Amended and Restated Long-Term Incentive Plan. Performance Restricted Stock Units awarded March 5, (6) 2015 represented a contingent right to receive shares of ANSYS Common Stock upon vesting and settlement of Performance Share Units and certification of performance results by the Compensation Committee. See footnote 1 for additional information.
- Awarded under Issuer's Fourth Amended and Restated 1996 Stock Option and Grant Plan. Performance Restricted Stock Units awarded (7) March 5, 2015 represented a contingent right to receive shares of ANSYS Common Stock upon vesting and settlement of Performance Share Units and certification of performance results by the Compensation Committee. See footnote 2 for additional information.
- Awarded under the Issuer's Fifth Amended and Restated 1996 Stock and Option Grant Plan. Performance Restricted Stock Units awarded
 (8) March 5, 2017 represented a contingent right to receive shares of ANSYS Common Stock upon vesting and settlement of Performance Share Units and certification of performance results by the Compensation Committee. See footnote 3 for additional information.
- (9) Under terms of award, assuming certain target levels are achieved, an additional 6,934 Performance Restricted Stock Units may be earned upon certification of performance results for the remaining award periods. See footnote 3 for additional information.

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.