

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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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* <u>Emswiler Shane</u> (Last) (First) (Middle) SOUTHPOINTE 2600 ANSYS DRIVE (Street) CANONSBURG PA 15317 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 04/27/2017	3. Issuer Name and Ticker or Trading Symbol ANSYS INC [ANSS] 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) VP and General Manager	5. If Amendment, Date of Original Filed (Month/Day/Year) 04/28/2017
			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person 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	23,330 ⁽¹⁾	D	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: 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			
Performance Restricted Stock Unit	(2)	(2)	Common Stock	11,650	0	D	
Option To Purchase	(3)	11/14/2022	Common Stock	10,000	67.44	D	

Explanation of Responses:

1. Includes 17,315 Restricted Stock Units.
2. Awarded under Issuer's Long Term Incentive Plan. Performance share units awarded March 5, 2015 and March 5, 2017 convert into shares of Common Stock upon time vesting of Performance Share Units and certification of performance results by the Compensation Committee at the end of each Performance Period.
3. The option grant of 10,000 shares granted on 11/14/2012 vests 25% annually in equal installments beginning on the first anniversary of the grant.

Remarks:

Joseph E. Steitz, Attorney-in-Fact 04/27/2017

** 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 Number.