SMITH PETER J Form 4 March 11, 2010

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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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

response... 0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * SMITH PETER J			2. Issuer Name and Ticker or Trading Symbol ANSYS INC [ANSS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(====== an approacte)		
SOUTHPOINT TECHNOLOG			(Month/Day/Year) 03/09/2010	_X_ Director 10% Owner _X_ Officer (give title Other (specify below) Chairman		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
CANONSBUF	RG, PA 153	17	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) 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. Transactic Code (Instr. 8)	4. Securit or Dispos (Instr. 3, 4	ed of (` ′	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 Beneficial Ownership (Instr. 4)
Common Stock	03/09/2010		M	37,484	A	\$ 10.86	207,700	D	
Common Stock	03/09/2010		S	37,484	D	<u>(1)</u>	170,216	D	
Common Stock	03/09/2010		M	870	A	\$ 7.1475	171,086	D	
Common Stock	03/09/2010		S	870	D	<u>(2)</u>	170,216	D	
Common Stock	03/10/2010		M	21,498	A	\$ 7.1475	191,714	D	

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Common Stock 03/10/2010 S 21,498 D (3) 170,216 D

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)

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. Transacti Code (Instr. 8)	TransactionDerivative Code Securities		tive Expiration Date ties (Month/Day/Year) red (A) possed of		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Options to Purchase	\$ 10.86	03/09/2010		M	37,484	<u>(4)</u>	07/27/2014	Common Stock	37,484	
Options to Purchase	\$ 7.1475	03/09/2010		M	870	<u>(5)</u>	05/30/2013	Common Stock	870	
Options to Purchase	\$ 7.1475	03/10/2010		M	21,498	(5)	05/30/2013	Common Stock	21,498	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
SMITH PETER J SOUTHPOINTE 275 TECHNOLOGY DRIVE CANONSBURG, PA 15317	X		Chairman				

Signatures

Colleen Zak Hess,
Attorney-in-Fact

**Signature of Reporting Person

Date

Reporting Owners 2

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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 trade was executed in a series of transactions with a price range of \$44.52 to \$45.18, inclusive, with a weighted average price of \$44.87175. The reporting person undertakes to provide to ANSYS, Inc., any security holder of ANSYS, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
- The trade was executed in a series of transactions with a price range of \$44.65 to \$44.95, inclusive, with a weighted average price of \$44.74816. The reporting person undertakes to provide to ANSYS, Inc., any security holder of ANSYS, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
- The trade was executed in a series of transactions with a price range of \$44.52 to \$45.22, inclusive, with a weighted average price of \$44.96833. The reporting person undertakes to provide to ANSYS, Inc., any security holder of ANSYS, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
- (4) The option grant of 48,000 shares granted on 07/27/2004 vests 25% annually in equal installments beginning on the first anniversary of the grant.
- (5) The option grant of 48,000 shares granted on 05/30/2003 vests 25% annually in equal installments beginning on the first anniversary of the grant.

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.