SMITH PETER J Form 4 March 31, 2005

FORM 4

Check this box

if no longer

subject to

Section 16.

Form 4 or

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

OMB Number:

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * SMITH PETER J

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First) (Middle) ANSYS INC [ANSS]

(Check all applicable)

SOUTHPOINTE, 275 **TECHNOLOGY DRIVE** 3. Date of Earliest Transaction

(Month/Day/Year) 03/29/2005

_X__ Director 10% Owner X_ Officer (give title Other (specify below) below)

6. Individual or Joint/Group Filing(Check

Chairman

(Street) 4. If Amendment, Date Original

(Zip)

Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

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

CANONSBURG, PA 15317

(State)

	Tuble 1 1 (on Delivative Becariotes Required, Disposed of, of Denetician, Owned							
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities on Acquired (A) or	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect	
(Instr. 3)	•	any (Month/Day/Year)	Code (Instr. 8)	Disposed of (D) (Instr. 3, 4 and 5)	Beneficially Owned	(D) or Indirect (I)	Beneficial Ownership	
		(Mondin Day) Tear)	(msu. o)	(mstr. 3, 1 and 3)	Following	(Instr. 4)	(Instr. 4)	
				(A) or	Reported Transaction(s)			
			Code V	Amount (D) Price	(Instr. 3 and 4)			
Common Stock	03/29/2005		M	$3,500 \begin{array}{cc} A & \$ \\ \underline{(1)} & 1.2 \end{array}$	42,892	D		
Common Stock	03/29/2005		S	3,500 D (2)	39,392	D		
Common Stock	03/29/2005		M	3,500 A \$ 1.2	42,892	D		

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

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number.

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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. Transactio Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		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	\$ 1.2	03/29/2005		M	3,500	(3)	02/28/2006	Common Stock	3,500
Options to Purchase	\$ 1.2	03/29/2005		M	3,500	(3)	02/28/2006	Common Stock	3,500

Reporting Owners

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

Signatures

Lisa M. O'Connor, Attorney-in-Fact 03/31/2005

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).
- (1) Pursuant to 10b5-1 plan currently in place.

**Signature of Reporting Person

- (2) The trade was executed in a series of transactions with a price range of \$33.69 to \$34.55, with a weighted average price of 34.23.
- (3) The option grant of 271,720 shares vests in four equal installments beginning on 2/29/97.

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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