

SMITH PETER J  
Form 4  
April 21, 2005

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

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

(Print or Type Responses)

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

(Last) (First) (Middle)  
SOUTHPOINTE, 275  
TECHNOLOGY DRIVE  
(Street)

CANONSBURG, PA 15317

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
ANSYS INC [ANSS]

3. Date of Earliest Transaction  
(Month/Day/Year)  
04/19/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)
			Code	V Amount (A) or (D) Price			
Common Stock	04/19/2005		M	3,500 A (1) \$ 1.2	46,392	D	
Common Stock	04/19/2005		S	3,500 D (1) 42,892		D	
Common Stock	04/19/2005		M	3,500 A (1) \$ 1.2	46,392	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)

number.

**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. Transaction Code (Instr. 8)	5. Number of 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)	8. Amount or Number of Shares
Options to Purchase	\$ 1.2	04/19/2005		M	3,500	(3) 02/28/2006	Common Stock	3,500
Options to Purchase	\$ 1.2	04/19/2005		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 275 TECHNOLOGY DRIVE CANONSBURG, PA 15317	X		Chairman	

## Signatures

Lisa M. O'Connor,  
Attorney-in-Fact

04/21/2005

\*\*Signature of Reporting Person

Date

## 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.
- (2) The trade was executed in a series of transactions with a price range of \$32.08 to \$32.85, with a weighted average price of \$32.41.
- (3) The option grant of 271,720 shares vests in four equal installments beginning on 02/29/97.

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.