

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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>SMITH JOHN F</u> (Last) (First) (Middle) <u>SOUTHPOINTE</u> <u>275 TECHNOLOGY DRIVE</u> (Street) <u>CANONSBURG PA</u> <u>15317</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ANSYS INC [ANSS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) <u>Former Director</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/16/2011</u>	
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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 ⁽¹⁾	05/16/2011		A		1,400	A	\$0	4,432 ⁽²⁾	D	
Common Stock ⁽³⁾	05/16/2011		A		631	A	\$0	5,063 ⁽⁴⁾	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
						Date Exercisable	Expiration Date					

Explanation of Responses:

1. Represents Deferred Stock Units ("DSUs") issued under the Third Amended and Restated ANSYS, Inc. 1996 Stock Option and Grant Plan in accordance with the 12/31/10 annual grant election of the Chairman and non-affiliated independent directors. Each DSU is settled solely for one share of Common Stock upon termination of services as a Director. The grant of 1,400 DSUs is made quarterly in arrears and is fully vested at grant date.
2. Includes 1,400 Deferred Stock Units.
3. Represents Deferred Stock Units ("DSUs") issued under the Third Amended and Restated ANSYS, Inc. 1996 Stock Option and Grant Plan in accordance with the 12/31/10 annual grant election of the Chairman and non-affiliated independent directors. Each DSU is settled solely for one share of Common Stock upon termination of services as a Director. The grant of 1,400 DSUs is made quarterly in arrears and is fully vested at grant date. This second quarter grant has been prorated based on the Directors retirement as of May 11th, 2011.
4. Includes 2,031 Deferred Stock Units.

Sheila S. DiNardo, Attorney-in-Fact 05/18/2011

** 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 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).

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.