

**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

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

1. Name and Address of Reporting Person* <u>HEINEN ROGER J JR</u>  (Last) (First) (Middle) <u>SOUTHPOINTE</u> <u>275 TECHNOLOGY DRIVE</u>  (Street) <u>CANONSBURG PA 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) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/23/2007</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	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 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	05/23/2007		M		6,000	A	\$14.205	15,600 <sup>(1)</sup>	D	
Common Stock	05/23/2007		M		6,000	A	\$18.9405	21,600 <sup>(1)</sup>	D	
Common Stock	05/23/2007		M		3,000	A	\$32.57	24,600 <sup>(1)</sup>	D	
Common Stock	05/23/2007		S		15,000	D	(2)	9,600 <sup>(1)</sup>	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)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Options to Purchase	\$14.205	05/23/2007		M		6,000	(3)	05/15/2013	Common Stock	6,000	\$0.00	0	D	
Options to Purchase	\$18.9405	05/23/2007		M		6,000	(4)	05/13/2014	Common Stock	6,000	\$0.00	0	D	
Options to Purchase	\$32.57	05/23/2007		M		3,000	(5)	05/17/2015	Common Stock	3,000	\$0.00	0	D	

**Explanation of Responses:**

- Includes 3,600 Deferred Stock Units.
- The trade was executed in a series of transactions with a price range of \$57.00 to \$57.92, with a weighted average price of \$57.43.
- The option grant of 24,000 shares vests 25% annually in equal installments beginning on 05/15/04, the first anniversary of the grant date.
- The option grant of 24,000 shares vests 25% annually in equal installments beginning on 05/13/05, the first anniversary of the grant date.
- The option grant of 12,000 shares vests 25% annually in equal installments beginning on 05/17/06, the first anniversary of the grant date.

Lisa M. O'Connor, Attorney-in-Fact      05/24/2007

\*\* 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.