SYNOPSYS INC Form 4 August 22, 2016

FORM 4

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

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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response...

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

Form 4 or Form 5 obligations may continue. See Instruction

Check this box

if no longer

subject to

Section 16.

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * DE GEUS AART			2. Issuer Name and Ticker or Trading Symbol SYNOPSYS INC [SNPS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(====== an appnoasis)		
690 EAST M	IDDLEFIE	LD ROAD	(Month/Day/Year) 08/19/2016	_X_ Director 10% Owner X_ Officer (give title Other (specify below) Chairman of the Board & Co-CEO		
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Che		
MOUNTAIN	VIEW, CA	A 94043	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Ta	ble I - Non	-Derivative	Secur	ities Acquir	ed, Disposed of,	or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) or TransactiorDisposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price		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	08/19/2016		Code V M	Amount 158,734	(D)	Price \$ 26.56	159,791	D	
Common Stock	08/19/2016		S <u>(1)</u>	158,734	D	\$ 58.3566 (2)	1,057	D	
Common Stock	08/22/2016		M	41,266	A	\$ 26.56	42,323	D	
Common Stock	08/22/2016		S <u>(1)</u>	41,266	D	\$ 58.5695 (3)	1,057	D	
	08/19/2016		S(1)	52,000	D		218,152	I	

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Common Stock					\$ 58.3809 (4)			by Family Trust (5)
Common Stock	08/19/2016	S(1)	4,000	D	\$ 58.3362 (6)	18,500	I	by Partnership
Common Stock	08/19/2016	S(1)	50,000	D	\$ 58.3767 <u>(7)</u>	368,551	I	by Separate Prop Tr (5)

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. 5. Number of TransactiorDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ion Date, if TransactiorDerivative Expiration Date Code Securities (Month/Day/Year) n/Day/Year) (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and		e	7. Title and A Underlying S (Instr. 3 and 4	Sec
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	A N S	
Non-Qualified Stock Option (right to buy)	\$ 26.56	08/19/2016		M	158,734	03/09/2011	12/09/2017	Common Stock	1	
Non-Qualified Stock Option (right to buy)	\$ 26.56	08/22/2016		M	41,266	03/09/2011	12/09/2017	Common Stock		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
DE GEUS AART 690 EAST MIDDLEFIELD ROAD MOUNTAIN VIEW, CA 94043	X		Chairman of the Board & Co-CEO			

Reporting Owners 2

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Signatures

By: POA pursuant Christina Escalante-Dutra For: Aart de Geus 08/22/2016

**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) The transactions reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- Represents a weighted average sale price per share. These shares were sold in multiple transactions at prices ranging from \$58.00 to \$58.66. The Reporting Person has provided to the Issuer, and undertakes to provide to the staff of the Securities and Exchange Commission or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range.
- Represents a weighted average sale price per share. These shares were sold in multiple transactions at prices ranging from \$58.285 to \$58.87. The Reporting Person has provided to the Issuer, and undertakes to provide to the staff of the Securities and Exchange Commission or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range.
- Represents a weighted average sale price per share. These shares were sold in multiple transactions at prices ranging from \$58.005 to

 \$58.64. The Reporting Person has provided to the Issuer, and undertakes to provide to the staff of the Securities and Exchange

 Commission or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range.
- The reporting person previously transferred shares to the de Geus-John Family Trust and the Aart J de Geus Separate Property Trust (the "Transfers"). The Transfers are exempt from Section 16 by virtue of Rule 16a-13. Since the Transfers, the reporting person has reported the shares as directly held. The shares are indirectly held by the reporting person through the de Geus-John Family Trust and the Aart J de Geus Separate Property Trust.
- Represents a weighted average sale price per share. These shares were sold in multiple transactions at prices ranging from \$58.02 to \$58.59. The Reporting Person has provided to the Issuer, and undertakes to provide to the staff of the Securities and Exchange Commission or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range.
- Represents a weighted average sale price per share. These shares were sold in multiple transactions at prices ranging from \$58.00 to

 \$58.65. The Reporting Person has provided to the Issuer, and undertakes to provide to the staff of the Securities and Exchange

 Commission or any security holder of the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range.

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.

Signatures 3