

FORM 4

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

OMB APPROVAL

{ } 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

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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

(Print or Type Responses) Investment Company Act of 1940

1. Name and Address of Reporting Person* Elfrink Wim	2. Issuer Name and Ticker or Trading Symbol CISCO SYSTEMS INC CSCO	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other
(Last) (First) (Middle) 170 WEST TASMAN DRIVE, (Street) SAN JOSE - CA - 95134 (City) (State) (Zip)	3. Date of Earliest Transaction (Month/Day/Year) 05-16-2008	(give title below) (specify below) EVP, Customer Advocacy and CGO
	4. If Amendment, Date Original Filed (Month/Day/Year)	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 Execut. Date (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Sec Beneficially Owned Following Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect or Beneficial Ownership (Instr. 4)
Common Stock	05-16-2008		S	400 D \$26.185	140,267	D	
Common Stock	05-16-2008		S	2,100 D \$26.18	138,167	D	
Common Stock	05-16-2008		S	2,500 D \$26.17	135,667	D	
Common Stock	05-16-2008		S	800 D \$26.165	134,867	D	
Common Stock	05-16-2008		S	16,150 D \$26.16	118,717	D	
Common Stock	05-16-2008		S	3,500 D \$26.155	115,217	D	
Common Stock	05-16-2008		S	10,000 D \$26.15	105,217	D	
Common Stock	05-16-2008		S	3,500 D \$26.14	101,717	D	
Common Stock	05-16-2008		S	50 D \$26.135	101,667	D	
Common Stock	05-16-2008		S	1,600 D \$26.13	100,067	D	
Common Stock	05-16-2008		S	400 D \$26.125	99,667	D	

Common Stock	05-16-2008	S	3,600	D	\$26.12	96,067	D	
Common Stock	05-16-2008	S	100	D	\$26.115	95,967	D	
Common Stock	05-16-2008	S	9,300	D	\$26.11	86,667	D	
Common Stock	05-16-2008	S	3,000	D	\$26.1	83,667	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1.	2.	3.	3a.	4.	5.	6.	7.	8.	9.	10.	11.
Title of Derivative Security	Conversion or Exercise Price of (Instr. 3)	Transaction Date (Month/Day/Year)	Deemed Executed Date (Month/Day/Year)	Transaction Code (Instr. 8)	Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	Date Exercisable and Expiration Date (Month/Day/Year)	Title and Amount of Underlying Securities (Instr. 3 and 4)	Price of Derivative Security (Instr. 5)	Number of Derivative Securities Owned Following Reported Transaction(s) (Instr. 4)	Ownership Form of Derivative Security (Instr. 4)	Nature of Indirect Beneficial Ownership (Instr. 4)

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Elfrink Wim 170 WEST TASMAN DRIVE SAN JOSE CA 95134	.	.	EVP, Customer Advocacy and CGO	

Explanation of Responses:

Remarks:

2 of 2 Forms 4

Signatures

/s/ Wim Elfrink by Evan Sloves, Attorney-in-Fact / 05-20-2008

** Signature of Reporting Person

Date

* If the form is filed by more than one reporting person, see Instruction 5(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

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the f