NEXTEST SYSTEMS CORP

Form 4

August 17, 2007

FORM 4

Check this box

if no longer

Section 16.

subject to

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

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

30(h) of the Investment Company Act of 1940 See Instruction

response... 0.5

OMB APPROVAL

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Moriarty Tim

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

NEXTEST SYSTEMS CORP

[NEXT]

Director 10% Owner

(Check all applicable)

(First) (Middle)

> (Month/Day/Year) 08/15/2007

Other (specify X_ Officer (give title below) below) President

1901 MONTEREY ROAD

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

3. Date of Earliest Transaction

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

Person

SAN JOSE, CA 95112

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secur	ities Acqu	iired, Disposed of	f, 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. Transactio Code (Instr. 8)	(A)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	08/16/2007		S <u>(1)</u>	100	D	\$ 10.84	294,540	D	
Common Stock	08/16/2007		S <u>(1)</u>	200	D	\$ 10.89	294,340	D	
Common Stock	08/16/2007		S <u>(1)</u>	220	D	\$ 10.95	294,120	D	
Common Stock	08/16/2007		S <u>(1)</u>	200	D	\$ 10.94	293,920	D	
Common Stock	08/16/2007		S(1)	80	D	\$ 10.96	293,840	D	

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Common Stock	08/16/2007	S(1)	100	D	\$ 10.97	293,740	D
Common Stock	08/16/2007	S(1)	700	D	\$ 10.9	293,040	D
Common Stock	08/16/2007	S(1)	100	D	\$ 10.93	292,940	D
Common Stock	08/16/2007	S(1)	17,410	D	\$ 11	275,530	D
Common Stock	08/16/2007	S(1)	230	D	\$ 11.01	275,300	D
Common Stock	08/16/2007	S(1)	500	D	\$ 11.15	274,800	D
Common Stock	08/16/2007	S(1)	100	D	\$ 10.83	274,700	D
Common Stock	08/16/2007	S(1)	200	D	\$ 10.8	274,500	D
Common Stock	08/16/2007	S(1)	100	D	\$ 10.75	274,400	D
Common Stock	08/16/2007	S(1)	900	D	\$ 10.92	273,500	D
Common Stock	08/16/2007	S(1)	500	D	\$ 10.88	273,000	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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 control number.

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	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transacti	5. orNumber	6. Date Exerc Expiration D		7. Titl Amou		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	of (Month/Day/Year) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Under Securi	lying	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Moriarty Tim

1901 MONTEREY ROAD President

SAN JOSE, CA 95112

Signatures

/s/ James Moniz, Attorney

In-Fact 08/17/2007

**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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person when not in possession of material non-public information.

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.

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