NEXTEST SYSTEMS CORP Form 15-12G January 28, 2008

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 15

CERTIFICATION AND NOTICE OF TERMINATION OF REGISTRATION UNDER SECTION 12(g) OF THE SECURITIES EXCHANGE ACT OF 1934 OR SUSPENSION OF DUTY TO FILE REPORTS UNDER SECTIONS 13 AND 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934.

Commission File Number 000-51851

Nextest Systems Corporation

(Exact name of registrant as specified in its charter)

875 Embedded Way, San Jose, California 95138 (408) 960-2400

(Address, including zip code, and telephone number, including area code, of registrant s principal executive offices)

Common Stock, par value \$0.001 per share

(Title of each class of securities covered by this Form)

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None

(Titles of all other classes of securities for which a duty to file reports under section 13(a) or 15(d) remains)

Please place an X in the box(es) to designate the appropriate rule provision(s) relied upon to terminate or suspend the duty to file reports:

Rule 12g-4(a)(1)(i) x Rule 12g-4(a)(1)(ii) " Rule 12g-4(a)(2)(i) " Rule 12g-4(a)(2)(ii) "

Approximate number of holders of record as of the certification or notice date: One (1)

Pursuant to the requirements of the Securities Exchange Act of 1934, *Nextest Systems Corporation* has caused this certification/notice to be signed on its behalf by the undersigned duly authorized person.

NEXTEST SYSTEMS CORPORATION

Date: January 25, 2008

By: /s/ Eileen Casal Name: Eileen Casal Title: Counsel

Rule 12h-3(b)(1)(i) x

Rule 12h-3(b)(1)(ii) "

Rule 12h-3(b)(2)(i) "

Rule 12h-3(b)(2)(ii) "

Rule 15d-6