UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): August 1, 2007 (August 1, 2007)

OPNET Technologies, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction 000-30931 (Commission File Number) **52-1483235** (IRS Employer

of Incorporation

Identification No.)

7255 Woodmont Avenue, Bethesda, Maryland (Address of Principal Executive Offices)

20814 (Zip Code)

Registrant s telephone number, including area code: (240) 497-3000

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition

On August 1, 2007, OPNET Technologies, Inc. announced its financial results for its first fiscal quarter ended June 30, 2007. The full text of the press release issued in connection with the announcement is attached as Exhibit 99.1 to this Current Report on Form 8-K.

The information in this Current Report on Form 8-K and the Exhibits attached hereto shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 (the Exchange Act) or otherwise subject to the liabilities of that section, nor shall they be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01. Financial Statements and Exhibits

- (c) Exhibits
- 99.1 Press Release regarding financial results issued by OPNET Technologies, Inc. on August 1, 2007 (1).
- (1) This exhibit relating to Item 2.02 shall be deemed to be furnished, and not filed.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

OPNET TECHNOLOGIES, INC.

Date: August 1, 2007

By: /s/ Mel F. Wesley

Mel F. Wesley

Vice President and Chief Financial Officer

EXHIBIT INDEX

Exhibit No. Description

99.1 Press release regarding financial results issued by OPNET Technologies, Inc. on August 1, 2007