
**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): January 1, 2009

MIMEDX GROUP, INC.

(Exact name of registrant as specified in its charter)

Florida

(State or other Jurisdiction of
Incorporation)

000-52491

(Commission File Number)

26-2792552

(IRS Employer Identification No.)

1234 Airport Road, Suite 105

Destin, Florida

(Address of Principal Executive Offices)

32541

(Zip Code)

Registrant's telephone number, including area code: **(850) 269-0000**

(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:

- 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))
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**Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers;
Compensatory Arrangements of Certain Officers.**

(b) Effective January 1, 2009, R. Lewis Bennett, Sr. resigned from his position as Chief Executive Officer and President of SpineMedica, LLC, one of the Company's subsidiaries. Mr. Bennett's resignation was not the result of any dispute or disagreement with the Company or SpineMedica.

SIGNATURES

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.

MIMEDX GROUP, INC.

Dated: January 6, 2009

By: /s/ John C. Thomas, Jr.
John C. Thomas, Jr., Chief Financial Officer