

AtriCure, Inc.  
Form 8-K  
May 10, 2007

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# SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

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## FORM 8-K

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### CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) of the  
SECURITIES EXCHANGE ACT OF 1934

Date of Report (Date of earliest event reported): May 10, 2007

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## AtriCure, Inc.

(Exact name of registrant as specified in charter)

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**Delaware**  
(State or other jurisdiction  
of incorporation)

**000-51470**  
(Commission File Number)

**34-1940305**  
(IRS Employer  
Identification No.)

**6033 Schumacher Park Drive**

**West Chester, OH**  
(Address of principal executive offices)

**45069**  
(Zip Code)

Registrant's telephone number, including area code: (513) 755-4100

**Not Applicable**

(Former name or former address, if changed since last report)

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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):

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- .. 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 2.02. Results of Operations and Financial Condition.**

On May 10, 2007, AtriCure, Inc. issued a press release and is holding a conference call regarding its financial results for the first quarter of 2007 ended March 31, 2007. A copy of the press release is furnished as Exhibit 99.1 to this Form 8-K and is incorporated herein by reference.

The information in this Form 8-K is being furnished and shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act), or otherwise subject to the liabilities of that Section. The information in this Form 8-K shall not be incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in any such filing.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits.

No.	Description
99.1	Press Release of AtriCure, Inc. dated as of May 10, 2007.

**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.

ATRICURE, INC.

By: /s/ Julie A. Piton  
Julie A. Piton  
Vice President and Chief Financial Officer

Dated: May 10, 2007

**EXHIBIT LIST**

<b>No.</b>	<b>Description</b>
99.1	Press Release of AtriCure, Inc. dated as of May 10, 2007.