

AtriCure, Inc.  
 Form 3/A  
 August 14, 2013

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
 Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Seith Douglas J		(Month/Day/Year)	AtriCure, Inc. [ATRC]	
(Last)	(First)	(Middle)	01/14/2013	
6217 CENTRE PARK DRIVE		4. Relationship of Reporting Person(s) to Issuer		
(Street)		(Check all applicable)		
WEST CHESTER, Â OH Â 45069		<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other (give title below)    (specify below) SVP of Sales and Marketing		
(City)	(State)	(Zip)	5. If Amendment, Date Original Filed(Month/Day/Year)	
			01/15/2013	
1. Title of Security		2. Amount of Securities Beneficially Owned		3. Ownership
(Instr. 4)		(Instr. 4)		Form: Direct (D) or Indirect (I)
Common Stock		52,301 <sup>(1)</sup>		D Â
4. Nature of Indirect Beneficial Ownership		6. Individual or Joint/Group Filing(Check Applicable Line)		
(Instr. 5)		<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security	2. Amount of Securities Beneficially Owned	3. Ownership	4. Nature of Indirect Beneficial Ownership
(Instr. 4)	(Instr. 4)	Form: Direct (D) or Indirect (I)	(Instr. 5)
Common Stock	52,301 <sup>(1)</sup>	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security	2. Date Exercisable and Expiration Date	3. Title and Amount of Securities Underlying Derivative Security	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership
(Instr. 4)	(Month/Day/Year)	(Instr. 4)			(Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

Shares (I)  
(Instr. 5)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Seith Douglas J 6217 CENTRE PARK DRIVE WEST CHESTER, OH 45069	Ã	Ã	Ã SVP of Sales and Marketing	Ã

## Signatures

/s/ Douglas J. Seith 08/14/2013

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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) This amount has been revised to reflect additional shares acquired by Mr. Seith prior to the date of the original filing.

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.