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): February 23, 2016

ATRICURE, INC.

(Exact name of registrant as specified in charter)

Delaware (State or other jurisdiction of incorporation) 000-51470 (Commission File Number) 34-1940305 (IRS Employer Identification No.)

7555 Innovation Way
Mason, OH
(Address of principal executive offices)

45040 (Zip Code)

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

Not Applicable

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

ck the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant er 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 February 23, 2016, AtriCure, Inc. (AtriCure or the Company) issued a press release regarding its financial results for the fourth quarter and full year ended December 31, 2015. The Company will hold a conference call on February 23, 2016 at 4:30 p.m. Eastern Time to discuss the financial results. 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 Item 2.02 to Form 8-K and in the press release attached as Exhibit 99.1 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 Item 2.02 of this Form 8-K and Exhibit 99.1 shall not be incorporated by reference in any filing or other document under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in any such filing or document.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

No. <u>Description</u>

99.1 Press Release dated February 23, 2016

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.

Dated: February 23, 2016 By: _/s/ M. Andrew Wade

M. Andrew Wade

Senior Vice President and Chief Financial Officer



Contact:

AtriCure, Inc.

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Investor Relations Contact

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AtriCure Reports Fourth Quarter and Full Year 2015 Financial Results

- $\cdot 2015$ revenue of \$129.8 million up 20.8% as reported, 23.8% constant currency
- · 2015 U.S. sales of \$102.2 million up 27.4%
- ·Fourth quarter 2015 revenue of \$35.9 million up 21.9% as reported, 24.0% constant currency

MASON, Ohio – February 23, 2016 – AtriCure, Inc. (Nasdaq: ATRC), a leading innovator in treatments for atrial fibrillation (Afib) and left atrial appendage management, today announced fourth quarter and full year 2015 financial results.

"We are pleased to report strong 2015 results, positioning us well in 2016 as we continue to execute on delivering our portfolio of innovative solutions for atrial fibrillation to the market," said Mike Carrel, President and Chief Executive Officer of AtriCure. "Fourth quarter performance was marked by continued robust growth from U.S. customers and the successful commercial integration of the nContact acquisition. In the year ahead, we plan to further extend our leadership position as we ramp up our clinical trials, launch several new products into the market, and expand treatment of atrial fibrillation to improve patient lives."

2015 Financial Results

Revenue for 2015 was \$129.8 million, an increase of \$22.3 million or 20.8% (23.8% on a constant currency basis), compared to 2014 revenue. Domestic revenue increased 27.4% to \$102.2 million, driven by strong sales of ablation-related open-heart products, ablation-related minimally invasive products, and AtriClip products. International revenue was \$27.5 million, an increase of \$0.3 million or 1.1% (12.9% on a constant currency basis) compared to \$27.3 million for 2014. International revenue growth was driven primarily by increases in product sales in Asia, the Benelux region, and the United Kingdom, across all applicable product lines, which offset the decline in the Euro-Dollar exchange rate between years.

Gross profit for 2015 was \$92.9 million compared to \$75.8 million for 2014. Gross margin for 2015 and 2014 was 71.6% and 70.5%, respectively.

Loss from operations for 2015 was \$26.7 million, compared to \$16.4 million for 2014. Adjusted EBITDA, a non-GAAP measure, was a loss of \$11.4 million for 2015, compared to a \$12.0 million loss for 2014. Net loss per share was \$0.97 for 2015 and \$0.61 for 2014.

Fourth Quarter 2015 Financial Results

Revenue for the fourth quarter of 2015 was \$35.9 million, an increase of \$6.4 million or 21.9% (24.0% on a constant currency basis), compared to fourth quarter 2014 revenue. Domestic revenue increased 30.7% to \$28.9 million, driven by strong sales of ablation-related open-heart products, ablation-related minimally invasive products, and AtriClip products. International revenue was \$7.0 million, a decrease of \$0.3 million or 4.6% (an increase of 3.8% on a constant currency basis) compared to \$7.3 million for the fourth quarter of 2014. International revenue decline was driven primarily by exchange rates and weakness in select distributor markets.

Gross profit for the fourth quarter of 2015 was \$25.5 million compared to \$20.4 million for the fourth quarter of 2014. Gross margin for the fourth quarter of 2015 and 2014 was 71.2% and 69.4%, respectively.

Operating expenses for the fourth quarter of 2015 increased 43.6%, or \$11.0 million, compared to the fourth quarter of 2014. The increase in operating expenses was driven primarily by an increase in selling, clinical, marketing, and training expenses, as well as non-recurring expenses related to the acquisition of nContact.

Loss from operations for the fourth quarter of 2015 was \$10.6 million, compared to \$4.8 million for the fourth quarter of 2014. Adjusted EBITDA, a non-GAAP measure, was a loss of \$6.1 million for the fourth quarter of 2015, compared to a \$1.6 million loss for the fourth quarter of 2014. Net loss per share was \$0.36 for the fourth quarter of 2015 and \$0.20 for the fourth quarter of 2014.

2016 Financial Guidance

Management projects 2016 revenue growth of approximately 25% over full year 2015 at current exchange rates.

Adjusted EBITDA, a non-GAAP measure, is projected to be a loss in the range of \$14 to \$15 million for 2016 as the Company continues to make strategic investments to drive the long-term growth plan, including several clinical trials, modest expansion of the U.S. field sales team, and ongoing product development efforts. In terms of EPS, this EBITDA range translates into a loss of between \$1.12 and \$1.22, with the heaviest loss in Q1. Significant improvements in the adjusted EBITDA loss are expected for 2017, turning to a positive adjusted EBITDA for 2018.

Conference Call

AtriCure will host a conference call at 4:30 p.m. Eastern Time on Tuesday, February 23, 2016 to discuss its fourth quarter and full year 2015 financial results. A live webcast of the conference call will be available online on the Investor page of AtriCure's corporate website at www.atricure.com. You may also access this call through an operator by calling (855) 307-9214 for domestic callers and (330) 863-3275 for international callers using conference ID number 42156030.

The webcast will be available on AtriCure's website and a telephonic replay of the call will be available through March 1, 2016. The replay dial-in numbers are (855) 859-2056 for domestic callers and (404) 537-3406 for international callers. The conference ID number is 42156030.

About AtriCure, Inc.

AtriCure, Inc. is a medical device company providing innovative atrial fibrillation (Afib) solutions designed to produce superior outcomes that reduce the economic and social burden of atrial fibrillation. AtriCure's SynergyTM Ablation System is the first and only surgical device approved for the treatment of persistent and longstanding persistent forms of Afib in patients undergoing certain open concomitant procedures. AtriCure's AtriClip left atrial appendage management (LAAM) exclusion device is the most widely sold device worldwide that's indicated for the occlusion of the left atrial appendage. The company believes cardiothoracic surgeons are adopting its ablation and LAAM devices for the treatment of Afib and reduction of Afib related complications such as stroke. AtriCure recently acquired nContact, a leader in minimally invasive technology for epicardial ablation. nContact's mission is to transform the underserved arrhythmia population through a multidisciplinary epicardial-endocardial ablation approach. Afib affects more than 33 million people worldwide. For more information visit AtriCure.com or follow us on Twitter @AtriCure.

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements that address activities, events or developments that AtriCure expects, believes or anticipates will or may occur in the future, such as earnings estimates (including projections and guidance), other predictions of financial performance, launches by AtriCure of new products and market acceptance of AtriCure's products. Forward-looking statements are based on AtriCure's experience and perception of current conditions, trends, expected future developments and other factors it believes are appropriate under the circumstances and are subject to numerous risks and uncertainties, many of which are beyond AtriCure's control. These risks and uncertainties include the rate and degree of market acceptance of AtriCure's products, AtriCure's ability to develop and market new and enhanced products, AtriCure's ability to retain and attract key employees, the timing of and ability to obtain and maintain regulatory clearances and approvals for its products, the timing of and ability to obtain reimbursement of procedures utilizing AtriCure's products, AtriCure's ability to continue to be in compliance with applicable U.S. federal and state and foreign government laws and regulations, AtriCure's ability to consummate acquisitions or, if consummated, to successfully integrate acquired businesses into AtriCure's operations, AtriCure's ability to recognize the benefits of acquisitions, including potential synergies and cost savings, failure of an acquisition or acquired company to achieve its plans and objectives generally, risk that proposed or consummated acquisitions may disrupt operations or pose difficulties in employee retention or otherwise affect financial or operating results, AtriCure's ability to raise the capital that may be required to accomplish the foregoing, competition from existing and new products and procedures, including the development of drug or catheter-based technologies, or AtriCure's ability to effectively react to other risks and uncertainties described from time to time in AtriCure's SEC filings, such as fluctuation of quarterly financial results, fluctuations in exchange rates for future sales denominated in foreign currency, which represent a majority of AtriCure's sales outside of the United States, reliance on third party manufacturers and suppliers, litigation or other proceedings, government regulation and stock price volatility. AtriCure does not guarantee any forward-looking statement, and actual results may differ materially from those projected. AtriCure undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future events or otherwise. A further list and description of risks, uncertainties and other matters can be found in our Annual Reports on Form 10-K and Quarterly Reports on Form 10-Q.

Use of Non-GAAP Financial Measures

To supplement AtriCure's condensed consolidated financial statements prepared in accordance with accounting principles generally accepted in the United States of America, or GAAP, AtriCure uses certain non-GAAP financial measures in this release as supplemental financial metrics. Non-GAAP financial measures provide an indication of performance excluding certain items. Our management believes that in order to properly understand short-term and long-term financial trends, investors may wish to consider the impact of these excluded items in addition to GAAP measures. The excluded items vary in frequency and/or impact on our continuing operations and our management believes that the excluded items are typically not reflective of our ongoing core business operations. Further, management uses results of operations before these excluded items as a basis for its strategic planning. The non-GAAP financial measures used by AtriCure may not be the same or calculated the same as those used by other companies. Reconciliations of the non-GAAP financial measures used in this release to the most comparable GAAP measures for the respective periods can be found in tables later in this release. Non-GAAP financial measures have limitations as analytical tools and should not be considered in isolation or as a substitute for AtriCure's financial results prepared and reported in accordance with GAAP.

ATRICURE, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (In Thousands, Except Per Share Amounts) (Unaudited)

	Three Months Ended December 31,			Tw	velve Months E	nded December 31,		
		2015		2014		2015		2014
Domestic Revenue:								
Open-heart ablation	\$	14,498	\$	12,164	\$	53,541	\$	44,662
Minimally invasive ablation		7,149		4,276		21,564		16,050
AtriClip		6,661		4,819		24,377		16,675
Total ablation and AtriClip		28,308		21,259		99,482		77,387
Valve tools		572		838		2,730		2,816
Total domestic		28,880		22,097	_	102,212	_	80,203
International Revenue:								
Open-heart ablation		3,891		4,270		16,287		16,445
Minimally invasive ablation		2,193		2,108		7,964		7,881
AtriClip		810		768		2,868		2,158
Total ablation and AtriClip		6,894		7,146		27,119		26,484
Valve tools		89		172		424		767
Total international		6,983		7,318		27,543		27,251
Total revenue		35,863		29,415		129,755		107,454
Cost of revenue		10,318		8,995		36,880		31,704
Gross profit		25,545		20,420		92,875		75,750
Operating expenses:								
Research and development expenses		7,767		4,997		25,742		18,600
Selling, general and administrative								
expenses		28,408		20,202		93,853		73,510
Total operating expenses		36,175		25,199		119,595		92,110
Loss from operations		(10,630)		(4,779)		(26,720)		(16,360)
Other (expense) income, net		(268)		(568)		(456)		182
Loss before income tax expense		(10,898)		(5,347)		(27,176)		(16,178)
Income tax expense (benefit)		16		(3)		36		33
Net loss	\$	(10,914)	\$	(5,344)	\$	(27,212)	\$	(16,211)
Basic and diluted net loss per share	\$	(0.36)	\$	(0.20)	\$	(0.97)	\$	(0.61)
Weighted average shares used in computing net loss per share:			,		'			
Basic and diluted		30,634		26,935		28,058		26,374
	-							

ATRICURE, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED BALANCE SHEETS (In Thousands) (Unaudited)

	D	ecember 31,	December 31,		
		2015		2014	
Assets					
Current assets:					
Cash, cash equivalents, and short-term investments	\$	34,578	\$	59,649	
Accounts receivable, net		19,409		17,558	
Inventories		17,659		14,257	
Other current assets		3,106		2,044	
Total current assets		74,752		93,508	
Property and equipment, net		31,279		11,552	
Long-term investments		7,706		8,894	
Goodwill and intangible assets, net		159,032		44,264	
Other noncurrent assets		323		186	
Total assets	\$	273,092	\$	158,404	
Liabilities and Stockholders' Equity					
Current liabilities:					
Accounts payable and accrued liabilities	\$	31,138	\$	21,662	
Other current liabilities and current maturities of capital leases		450		3,981	
Total current liabilities		31,588		25,643	
Capital leases		13,710		74	
Other noncurrent liabilities		41,109		149	
Total liabilities		86,407	· · · · · · · · · · · · · · · · · · ·	25,866	
Stockholders' equity:					
Common stock		32		28	
Additional paid-in capital		352,900		271,282	
Accumulated other comprehensive loss		(611)		(348)	
Accumulated deficit		(165,636)		(138,424)	
Total stockholders' equity		186,685		132,538	
Total liabilities and stockholders' equity	\$	273,092	\$	158,404	

ATRICURE, INC. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (In Thousands) (Unaudited)

	Twelve Months Ended December 31,						
		2015		2014			
Cash flows from operating activities:							
Net loss	\$	(27,212)	\$	(16,211)			
Adjustments to reconcile net loss to net cash used in operating activities:							
Share-based compensation expense		8,997		7,571			
Depreciation and amortization of intangible assets		6,278		4,774			
Amortization of deferred financing costs		61		113			
Loss on disposal of property and equipment		276		118			
Realized loss from foreign exchange on intercompany transactions		434		544			
Amortization/accretion on investments		577		500			
Change in allowance for doubtful accounts		144		(34)			
Change in fair value of contingent consideration		_		(8,032)			
Other		_		95			
Changes in operating assets and liabilities							
Accounts receivable		(900)		(4,168)			
Inventories		(2,950)		(4,343)			
Other current assets		(928)		307			
Accounts payable and accrued liabilities		7,083		(2,791)			
Other non-current assets and liabilities		298		(43)			
Net cash used in operating activities		(7,842)		(21,600)			
Cash flows from investing activities:							
Purchases of available-for-sale securities		(19,525)		(41,107)			
Sales and maturities of available-for-sale securities		40,602		19,614			
Purchases of property and equipment		(13,445)		(5,508)			
Cash paid for nContact business combination		(7,581)		_			
Increases in property under build-to-suit obligation		(10,552)		(3,699)			
Net proceeds from the sale of equipment				77			
Net cash used in investing activities		(10,501)		(30,623)			
Cash flows from financing activities:							
Net proceeds from sale of stock		_		65,830			
Payments on debt and capital leases		(263)		(6,382)			
Increases in build-to-suit obligation		10,552		3,699			
Proceeds from economic incentive loan		340		_			
Payment of debt fees and premium on retirement of debt		(62)		(181)			
Proceeds from stock option exercises		2,703		1,916			
Shares repurchased for payment of taxes on stock awards		(782)		(331)			
Proceeds from issuance of common stock under employee							
stock purchase plan		1,539		1,320			
Payment of stock issuance fees		(66)					
Net cash provided by financing activities		13,961		65,871			
Effect of exchange rate changes on cash and cash equivalents		(238)		(156)			
Net (decrease) increase in cash and cash equivalents		(4,620)		13,492			
Cash and cash equivalents - beginning of period		28,384		14,892			
Cash and cash equivalents - end of period	<u>\$</u>	23,764	\$	28,384			
Supplemental cash flow information:							
Cash paid for interest	\$	232	\$	115			
Cash paid for income taxes		20		146			
Noncash investing and financing activities:							
Accrued purchases of property and equipment		1,277		547			
Assets acquired through capital lease		50		47			
Capital lease asset early termination		_		38			
Stock issuance in business combinations		69,054		_			
Contingent consideration in business combinations		40,207		_			

ATRICURE, INC. AND SUBSIDIARIES RECONCILIATION OF GAAP RESULTS TO NON-GAAP RESULTS (In Thousands) (Unaudited)

Reconciliation of Non-GAAP Adjusted Loss (Adjusted EBITDA)

	Three Months Ended December 31,				Twelve Months Ended December 31,				
	2015		2014		2015			2014	
Net loss, as reported	\$	(10,914)	\$	(5,344)	\$	(27,212)	\$	(16,211)	
Income tax expense (benefit)		16		(3)		36		33	
Other expense (income), net (a)		268		568		456		(182)	
Depreciation and amortization expense		2,066		1,303		6,278		4,774	
Share-based compensation expense		2,464		1,867		8,997		7,571	
Change in fair value of contingent									
consideration								(8,032)	
Non-GAAP adjusted loss (adjusted				_		_			
EBITDA)	\$	(6,100)	\$	(1,609)	\$	(11,445)	\$	(12,047)	

	Th	Three Months Ended December 31,				Twelve Months Ended December 31,			
		2015		2014	·	2015		2014	
(a) Other includes:					_				
Net interest expense (income)	\$	193	\$	(17)	\$	102	\$	209	
Grant income		_		_		(35)		(731)	
Loss due to exchange rate fluctuation		82		493		339		523	
Non-employee stock option expense (income)		_		92		57		(183)	
Other		(7)		_		(7)		_	
Other expense (income), net	\$	268	\$	568	\$	456	\$	(182)	