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 4, 2009

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.)

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

 $\begin{tabular}{ll} Not \ Applicable \\ (Former name or former address, if changed since last report) \end{tabular}$

ck 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 isions (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 4, 2009, the Company issued a press release and is holding a conference call regarding its financial results for the second quarter ended June 30, 2009. 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.
 - 99.1 Press Release dated August 4, 2009

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, Finance and Administration and Chief

Financial Officer

Dated: August 4, 2009



Contact

AtriCure, Inc.
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Vice President and Chief Financial Officer
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AtriCure Reports Second Quarter 2009 Financial Results

2nd Quarter Highlights

- Revenues of \$13.8 million up 1% sequentially
- Operating loss improves 43% to a record \$1 million
- Adjusted positive EBITDA of \$0.4 million
- Cash from operations of \$1.2 million
- Full U.S. commercial release of Cryo1™ completed during June

WEST CHESTER, Ohio – August 4, 2009 – AtriCure, Inc. (Nasdaq: ATRC), a medical device company and a leader in cardiac surgical ablation systems, today announced second quarter 2009 revenues of \$13.8 million and an operating loss improvement of 43.4 percent to a record \$1.0 million. For the first half of 2009, adjusted EBITDA was a record \$1.0 million, an improvement of \$4.2 million over the first half of 2008 adjusted EBITDA loss of \$3.2 million.

"We are encouraged by our second quarter results and confident that the decisive actions we took during the fourth quarter of 2008, which were aimed at aligning costs with revenues in order to accelerate profitability, are gaining momentum. Notwithstanding our significant strides toward profitability, our investments in innovation, FDA approvals and our long-term growth prospects have never been stronger," said David J. Drachman, President and Chief Executive Officer. "We are increasingly confident in our ability to execute our strategic priorities and we believe strongly that successful execution will result in the restoration of our historical high-growth trends and increased shareholder value."

Financial Results

Revenues for the second quarter of 2009 were \$13.8 million, a 7.3 percent decrease over second quarter 2008 revenues of \$14.9 million and a sequential increase of 0.8 percent as compared to first quarter 2009 revenues. The decrease in revenues was primarily due to a reduction in revenues from the sale of capital equipment. Revenues from domestic open-heart products were \$7.3 million for the second quarter of 2009 as compared to \$7.4 million for the second quarter of 2008 and revenues from domestic minimally invasive products declined from \$5.1 million for the second quarter of 2008 to \$4.0 million for the second quarter of 2009. International revenues grew 12.5 percent, or 21.8 percent on an exchange rate neutral basis, to a record \$2.6 million for the second quarter of 2009.

Gross profit for the second quarter of 2009 was \$10.7 million and gross margin was 77.4 percent, compared to gross profit of \$11.4 million and gross margin of 76.5 percent for the second quarter of 2008. The increase in gross margin was primarily due to a reduced mix of revenues from the sale of capital equipment and a reduction in product cost, partially offset by an increased mix of international sales.

Operating expenses were \$11.7 million or an 11.3 percent reduction for the second quarter of 2009, driven primarily by a reduction in headcount-related expenses, partially offset by an increase in share-based compensation expense and an increase in costs associated with clinical trials and product development activities. The operating loss for the second quarter of 2009 improved 43.4 percent to a record low of \$1.0 million. The net loss per share was \$0.10 as compared to \$0.11 for the second quarter of 2008. The second quarter 2009 net loss per share includes a \$0.02 loss per share due to the termination of a credit facility and borrowings and costs associated with a new credit facility.

Adjusted EBITDA was \$0.4 million, an improvement of \$1.0 million as compared to the second quarter of 2008. Cash, cash equivalents and short-term investments were \$15.7 million at June 30, 2009 and cash generated from operations during the quarter was \$1.2 million.

Earnings Call Information

Management will host a conference call at 10:00 a.m. Eastern Time on Tuesday, August 4, 2009 to discuss its second quarter 2009 financial results. A live web cast of the conference call will be available online from the investor relations page of AtriCure's web site at www.atricure.com.

Pre-registration is available and recommended for this call at the following URL:

https://www.theconferencingservice.com/prereg/key.process?key=PGWBEEDBU

You may also access this call through an operator by calling 888-679-8034 for domestic callers and 617-213-4847 for international callers at least 15 minutes prior to the call start time using reservation code 72757548.

The webcast will be available on AtriCure's web site and a telephonic replay of the call will also be available through September 4, 2009. The replay dial-in numbers are 888-286-8010 for domestic callers and 617-801-6888 for international callers, using reservation code 83888704.

About AtriCure, Inc.

AtriCure, Inc. is a medical device company and a leader in developing, manufacturing and selling innovative cardiac surgical ablation systems designed to create precise lesions, or scars, in cardiac, or heart, tissue. Medical journals have described the adoption by leading cardiothoracic surgeons of the AtriCure Isolator® bipolar ablation system as a treatment alternative during open-heart surgical procedures to create lesions in cardiac tissue to block the abnormal electrical impulses that cause atrial fibrillation, or AF, a rapid, irregular quivering of the upper chambers of the heart. Additionally, medical journals and leading cardiothoracic surgeons have described the AtriCure Isolator system as a promising treatment alternative for patients who may be candidates for sole-therapy minimally invasive procedures. AF affects more than 5.5 million people worldwide and predisposes them to a five-fold increased risk of stroke. The FDA has cleared the AtriCure Isolator system and AtriCure's multifunctional pen and CoolrailTM linear ablation device, for the ablation, or destruction, of cardiac

tissue during surgical procedures. Additionally, the FDA has cleared AtriCure's multifunctional pen for temporary pacing, sensing, stimulating and recording during the evaluation of cardiac arrhythmias and AtriCure's Cryo1 system for the cryosurgical treatment of cardiac arrhythmias. To date, the FDA has not cleared or approved AtriCure's products for the treatment of AF.

Use of Non-GAAP Financial Measures

To supplement AtriCure's condensed consolidated financial statements prepared in accordance with U.S. generally accepted accounting principles, 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. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (Unaudited)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2009	2008	2009	2008
Revenues	\$13,777,950	\$14,858,514	\$27,451,853	\$28,388,659
Cost of revenues	3,107,816	3,494,908	6,052,474	6,725,788
Gross profit	10,670,134	11,363,606	21,399,379	21,662,871
Operating expenses:				
Research and development expenses	3,138,339	2,593,694	6,055,172	5,026,847
Selling, general and administrative expenses	8,565,233	10,595,334	17,497,376	22,357,756
Goodwill impairment			6,812,389	
Total operating expenses	11,703,572	13,189,028	30,364,937	27,384,603
Loss from operations	(1,033,438)	(1,825,422)	(8,965,558)	(5,721,732)
Other (expense) income	(420,663)	232,806	(484,705)	523,685
Loss before income tax benefit	(1,454,101)	(1,592,616)	(9,450,263)	(5,198,047)
Income tax benefit	11,033		42,273	
Net loss	\$ (1,443,068)	\$ (1,592,616)	\$ (9,407,990)	\$ (5,198,047)
Basic and diluted net loss per share	\$ (0.10)	\$ (0.11)	\$ (0.65)	\$ (0.37)
Weighted average shares outstanding:				
basic and diluted	14,456,542	14,184,973	14,377,019	14,167,468

ATRICURE, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (Unaudited)

	June 30, 2009	December 31, 2008
Assets		
Current assets:		
Cash, cash equivalents and short-term investments	\$ 15,735,542	\$ 11,448,451
Accounts receivable	7,357,227	6,511,594
Inventories	5,932,089	6,361,242
Other current assets	1,568,396	1,781,825
Total current assets	30,593,254	26,103,112
Property and equipment, net	3,380,239	3,682,819
Intangible assets	428,403	569,153
Goodwill	_	6,812,389
Restricted cash and cash equivalents	_	6,000,000
Other assets	386,610	201,359
Total assets	\$ 34,788,506	\$ 43,368,832
Liabilities and Stockholders' Equity		
Current liabilities:		
Accounts payable and accrued liabilities	\$ 6,824,720	\$ 8,072,596
Current maturities of debt and capital lease obligations	2,201,947	34,004
Total current liabilities	9,026,667	8,106,600
Long-term debt and capital lease obligations	3,580,519	6,036,605
Other liabilities	66,057	106,470
Total liabilities	12,673,243	14,249,675
Stockholders' equity:		
Common stock	14,723	14,275
Additional paid-in capital	108,874,126	106,636,653
Other comprehensive income (loss)	109,386	(56,789)
Accumulated deficit	(86,882,972)	(77,474,982)
Total stockholders' equity	22,115,263	29,119,157
Total liabilities and stockholders' equity	\$ 34,788,506	\$ 43,368,832

ATRICURE, INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)

	Six Months Ended June 30,		
	2009	2008	
Cash flows from operating activities:			
Net loss	\$ (9,407,990)	\$ (5,198,047	
Adjustments to reconcile net loss to net cash used in operating activities:			
Depreciation	1,044,518	1,258,499	
Amortization of intangible assets	140,750	140,750	
Amortization of deferred financing costs and discount on long-term debt	189,638	24,462	
Loss on disposal of equipment	3,083	_	
Goodwill impairment	6,812,389	_	
Change in provision for allowance for doubtful accounts	35,933	12,397	
Share-based compensation expense	1,971,013	1,142,123	
Changes in assets and liabilities, excluding effects of acquired business:			
Accounts receivable	(855,135)	(2,192,408	
Inventories	437,382	(556,362	
Other current assets	83,162	92,879	
Accounts payable and accrued liabilities	(1,492,756)	(1,234,568	
Other non-current assets and liabilities	(163,289)	150	
Net cash used in operating activities	(1,201,302)	(6,510,125	
Cash flows from investing activities:			
Purchases of property & equipment	(757,958)	(1,092,423	
Purchases of available-for-sale securities	(2,009,267)	(1,903,974	
Maturities of available-for-sale securities	-	7,000,000	
Change in restricted cash and cash equivalents	6,000,000	(417,292	
Net cash provided by investing activities	3,232,775	3,586,311	
Cash flows from financing activities:			
Payments on debt and capital leases	(6,377,799)	(221,139	
Proceeds from borrowings of debt	6,500,000	_	
Payment of debt fees	(123,233)	_	
Proceeds from stock option exercises	<u> </u>	174,122	
Proceeds from issuance of common stock under employee stock purchase plan	120,410		
Net cash provided by (used in) financing activities	119,378	(47,017	
Effect of exchange rate changes on cash and cash equivalents	128,745	(6,379	
Net increase (decrease) in cash and cash equivalents	2,279,596	(2,977,210	
Cash and cash equivalents - beginning of period	11,448,451	13,000,652	

ATRICURE, INC. RECONCILIATION OF GAAP RESULTS TO NON-GAAP RESULTS (Unaudited)

Reconciliation of Net Loss and Net Loss per Share to Non-GAAP Net Loss and Net Loss per Share

	Three Months Ended June 30,		Six Months Ended June 30,	
	2009	2008	2009	2008
Net loss, as reported	\$ (1,443,068)	\$ (1,592,616)	\$ (9,407,990)	\$ (5,198,047)
Goodwill impairment, net of tax			6,812,389	
Non-GAAP adjusted net loss	\$ (1,443,068)	\$ (1,592,616)	\$ (2,595,601)	\$ (5,198,047)
Designed diluted and leaves as shown as arranged	f (0.10)	e (0.11)	¢ (0.65)	e (0.37)
Basic and diluted net loss per share, as reported	\$ (0.10)	\$ (0.11)	\$ (0.65)	\$ (0.37)
Goodwill impairment, net of tax		_ <u></u> _	0.47	
Non-GAAP adjusted basic and diluted net loss per share	\$ (0.10)	\$ (0.11)	\$ (0.18)	\$ (0.37)
Weighted averages shares outstanding, basic and diluted	14,456,542	14,184,973	14,377,019	14,167,468

Reconciliation of Operating Expenses and Loss from Operations to Non-GAAP Operating Expenses and Loss from Operations

	Three Months Ended June 30,		Six Months Ended June 30,	
	2009	2008	2009	2008
Operating expenses, as reported	\$11,703,572	\$13,189,028	\$30,364,937	\$27,384,603
Goodwill impairment			6,812,389	
Non-GAAP adjusted operating expenses	\$11,703,572	\$13,189,028	\$23,552,548	\$27,384,603
Loss from operations, as reported	\$ (1,033,438)	\$ (1,825,422)	\$ (8,965,558)	\$ (5,721,732)
Goodwill impairment	_	_	6,812,389	_
Non-GAAP adjusted loss from operations	\$ (1,033,438)	\$ (1,825,422)	\$ (2,153,169)	\$ (5,721,732)

Reconciliation of Non-GAAP Adjusted Earnings (Loss) (Adjusted EBITDA)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2009	2008	2009	2008
Net loss, as reported	\$ (1,443,068)	\$ (1,592,616)	\$ (9,407,990)	\$ (5,198,047)
Income tax benefit	(11,033)		(42,273)	
Other expense (income) (a)	420,663	(232,805)	484,705	(523,685)
Amortization expense	70,375	70,375	140,750	140,750
Depreciation expense	533,300	602,993	1,044,518	1,258,499
Share-based compensation expense	860,278	576,246	1,971,013	1,142,123
Goodwill impairment	_	_	6,812,389	_
Non-GAAP adjusted earnings (loss) (Adjusted EBITDA)	\$ 430,515	\$ (575,807)	\$ 1,003,112	\$ (3,180,360)

Three Months Ended June 30,		Six Months Ended June 30,	
2009	2008	2009	2008
\$ (160,336)	\$ 29,517	\$ (200,821)	\$ 151,258
(102,485)	_	(102,485)	_
_	74,187		148,374
(81,870)	24,549	(130,257)	57,623
(75,973)	104,552	(51,143)	166,430
\$ (420,664)	\$ 232,805	\$ (484,706)	\$ 523,685
	\$ (160,336) (102,485) (81,870) (75,973)	2009 2008 \$ (160,336) \$ 29,517 (102,485) — — 74,187 (81,870) 24,549 (75,973) 104,552	2009 2008 2009 \$ (160,336) \$ 29,517 \$ (200,821) (102,485) — (102,485) — 74,187 — (81,870) 24,549 (130,257) (75,973) 104,552 (51,143)