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): March 10, 2011

InfuSystem Holdings, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

001-35020

(Commission File Number)

20-3341405

(I.R.S. Employer Identification No.)

31700 Research Park Drive Madison Heights, Michigan 48071 (Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (248) 291-1210

Not Applicable

(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 (*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 March 10, 2011, InfuSystem Holdings, Inc. issued a press release reporting its financial results for the fiscal quarter and full year ended December 31, 2010. A copy of the press release is furnished as an exhibit to this Form 8-K.

Item 9.01. Financial Statements and Exhibits

(a) Financial statements:

None

(b) Pro forma financial information:

None

(c) Shell company transactions:

None

(d) Exhibits

99.1 Press Release of InfuSystem Holdings, Inc. dated March 10, 2011

Signature

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.

INFUSYSTEM HOLDINGS, INC.

By: /s/ James Froisland

James Froisland Chief Financial Officer

Dated: March 10, 2011

Index to Exhibits

Exhibit No. Description

Exhibit 99.1 Press Release of InfuSystem Holdings, Inc. dated March 10, 2011



INVESTOR CONTACT:

Pat LaVecchia Vice Chairman Info@InfuSystem.com 800-962-9656 InfuSystem Holdings, Inc. 31700 Research Park Drive Madison Heights, MI 48071 248-291-1210

FOR IMMEDIATE RELEASE Thursday, March 10, 2011

InfuSystem Holdings, Inc. Reports \$13.1 Million of Revenues and \$3.7 Million of Adjusted EBITDA for the Fourth Quarter of 2010, its Thirteenth Straight Quarter of Year over Year Growth

- Revenues for quarter and year increased 23% and 21%, respectively
- Adjusted EBITDA for quarter and year increased 15% and 8%, respectively
- Third consecutive year of revenue and Adjusted EBITDA increases
- Cash from operations increased 11% from prior year

MADISON HEIGHTS, MICHIGAN, March 10, 2011—InfuSystem Holdings, Inc. (NYSE Amex: INFU), the leading provider of infusion pumps and related services, today reported results for the fourth quarter and fiscal year ended December 31, 2010.

Fiscal 2010: Continued Growth in Revenues, Adjusted EBITDA and Cash from Operations

"We are pleased with the fourth quarter and fiscal year performance and the reporting of the thirteenth straight quarter of year over year growth for the company. With the continued steady growth of our core business and strategic initiatives to broaden our product and service offering, we are more confident than ever in the long-term outlook for the company and industry as InfuSystem continues to successfully execute its long-term business strategy. We are a healthcare growth company with healthy profits" said Sean McDevitt, Chairman and Chief Executive officer.

Revenues for fiscal 2010 were \$47.2 million, up 21 percent from \$39.0 million in the prior year. The increase in revenues is primarily related to obtaining business at new customer facilities, increases from existing customers and expansion into new product lines such as those associated the First Biomedical acquisition.

Gross profit for fiscal 2010 was \$33.5 million, up 17 percent from \$28.6 million in the prior year. It represented 71 percent of revenues for the latest year, compared with 73 percent in fiscal 2009. The decrease in the gross margin percentage was primarily related to higher pump depreciation and a higher mix of pump sales and services, as compared to third party billings.

Selling, general and administrative expenses (SG&A) were \$34.5 million, 48 percent higher than fiscal 2009's \$23.3 million. As a percent of revenues, SGA was 73 percent for the latest year, compared to 60% in fiscal 2009. The increases were primarily related to an increase in stock based compensation, along with the pre/post acquisition expenses of acquired business. Excluding the one-time expenses, on a normalized basis SGA, as a percent of revenues, is approximately the same as the 60% in fiscal 2009.

Adjusted EBITDA was \$14.0 million for the latest fiscal year, up 8 percent from \$12.9 million a year ago. The company utilizes Adjusted EBITDA as a means to measure its operating performance. A reconciliation from Adjusted EBITDA, a non-GAAP measure, to net income can be found in the appendix.

Other loss for the latest year was \$2.3 million versus \$3.6 million other loss a year ago, reflecting reduced interest expense, gain on derivatives, and extinguishment of long-term debt. As a result, the fiscal 2010 net loss was \$1.9 million, equal to \$0.09 loss per diluted share, versus a \$0.8 million net income, equal to \$0.04 income per diluted share, a year earlier.

Fourth Quarter Growth in Revenues and Adjusted EBITDA

Revenues for the latest quarter were \$13.1 million, up 23 percent from \$10.7 million for the prior-year period. Gross profit increased to \$9.0 million or 16% from \$7.8 million in the fiscal 2009 fourth quarter. SG&A increased to \$12.0 million from \$6.4 million. Other expense of \$0.4 million compared with \$0.3 million of other income a year ago. The net loss for the most recent quarter was \$2.2 million, equal to \$0.11 per diluted share, versus the prior year quarter's net income of \$1.0 million, equal to \$0.05 per diluted share. Adjusted EBITDA for the latest quarter was \$3.7 million, up 15 percent from \$3.2 million for the prior-year period.

Financial Condition

Net cash provided by operations for fiscal 2010 was \$10.8 million, up 11 percent from \$9.7 million for the prior year. The latest year's results reflected higher levels of stock based compensation, depreciation and amortization of goodwill, accounts payable, inventory and amounts accrued. The company reduced capital expenditures from \$4.6 million in fiscal 2009 to \$2.4 million and paid \$16.6 million in cash for acquisition of First Biomedical in June 2010. The cash balance decreased by \$2.7 million and the company ended the year with a cash balance of \$5.0 million with \$26.6 million in long-term debt, net of current.

Conference Call

InfuSystem Holdings, Inc. will host a conference call to share the results of its fourth quarter and full-year fiscal 2010 results on Thursday, March 10, at 10:00 a.m. Eastern Time. Chairman and Chief Executive Officer Sean McDevitt and Jim Froisland, Chief Financial Officer, will discuss the company's financial performance and answer questions from the financial community.

The company invites interested investors to listen to the presentation, which will be carried live on the company's Web site: www.infusystem.com in the Investors section. To participate by telephone, the dial-in number is 800-446-1671 with confirmation number 29138075. Those who wish to listen should either dial in or go to the Web site several minutes prior to the call to register. A replay of the call can be accessed by dialing 888-843-7419, pass-code 29138075#. An online archive of the conference call will remain on the company's Web site for the following 30 days.

About InfuSystem Holdings, Inc.

InfuSystem Holdings, Inc. is the leading provider of infusion pumps and related services to hospitals, oncology practices and other alternate site healthcare providers. Headquartered in Madison Heights, Michigan, the company delivers local, field-based customer support, and also operates Centers of Excellence in Michigan, Kansas, California, and Ontario, Canada. The company's stock is traded on the NYSE Amex under the symbol INFU.

Forward-Looking Statements

Except for the historical information contained herein, the matters discussed in this press release are forward-looking statements that involve risks and uncertainties that could cause actual results to differ materially form those predicted by such forward-looking statements. These risks and uncertainties include general economic conditions, as well as other risks, detailed from time to time in the company's publicly filed documents.

Additional information about InfuSystem Holdings, Inc. is available at www.infusystem.com.

FINANCIAL TABLES FOLLOW

INFUSYSTEM HOLDINGS, INC. AND SUBSIDIARIES CONSOLIDATED BALANCE SHEETS

(in thousands, except share data)	December 31, 2010	December 31, 2009	
ASSETS			
Current Assets:			
Cash and cash equivalents	\$ 5,014	\$ 7,750	
Accounts receivable, less allowance for doubtful accounts of \$1,796 and \$1,842 at			
December 31, 2010 and 2009, respectively	6,679	5,517	
Inventory	1,699	925	
Prepaid expenses and other current assets	750	395	
Deferred income taxes	1,147	125	
Total Current Assets	15,289	14,712	
Property & equipment, net	16,672	13,499	
Deferred debt issuance costs, net	658	781	
Goodwill	64,092	56,580	
Intangible assets, net	33,252	28,911	
Other assets	401	207	
Total Assets	\$ 130,364	\$ 114,690	
LIABILITIES AND STOCKHOLDERS' EQUITY			
Current Liabilities:			
Accounts payable	\$ 2,016	\$ 1,306	
Other current liabilities	4,631	1,573	
Derivative liabilities	183	2,670	
Current portion of long-term debt	5,551	5,501	
Total Current Liabilities	12,381	11,050	
Long-term debt, net of current portion	26,646	18,640	
Deferred income taxes	5,788	3,314	
Other liabilities	406	221	
Total Liabilities	\$ 45,221	\$ 33,225	
Stockholders' Equity			
Preferred stock, \$.0001 par value: authorized 1,000,000 shares; none issued	_	_	
Common stock, \$.0001 par value; authorized 200,000,000 shares; issued 21,163,337 and			
18,734,144, respectively; outstanding 21,117,516 and 18,734,144, respectively	2	2	
Additional paid-in capital	87,004	81,410	
Accumulated other comprehensive loss	(64)		
Retained (deficit) earnings	(1,799)	53	
Total Stockholders' Equity	85,143	81,465	
Total Liabilities and Stockholders' Equity	\$ 130,364	\$ 114,690	

INFUSYSTEM HOLDINGS, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF OPERATIONS

	Three Months Ended December 31,		Year Ended December 31,		
(in thousands, except per share data)	2010	2009	2010	2009	
Net revenues	13,075	10,662	47,229	38,964	
Cost of revenues:					
Product and supply costs	2,206	1,753	7,730	6,200	
Pump depreciation and disposals	1,860	1,121	5,945	4,127	
Gross profit	9,009	7,788	33,545	28,637	
Sales, general and administrative expenses:					
Provision for doubtful accounts	1,061	1,272	4,515	4,006	
Amortization of intangibles	644	457	2,259	1,827	
Selling and marketing	2,348	1,509	7,087	5,258	
General administrative	7,960	3,190	20,622	12,218	
Total sales, general and administrative expenses	12,013	6,428	34,483	23,309	
Operating (loss) income	(3,004)	1,360	(938)	5,328	
Other (loss) income:			, ,		
Gain (loss) on derivatives and other income	417	1,122	207	(78)	
Interest expense	(571)	(831)	(3,352)	(3,499)	
Gain on extinguishment of long-term debt	_		1,118	_	
Other expense	(258)		(258)		
Total other (loss) income	(412)	291	(2,285)	(3,577)	
(Loss) income before income taxes	(3,416)	1,651	(3,223)	1,751	
Income tax benefit (expense)	1,258	(685)	1,371	(977)	
Net (loss) income	(2,158)	966	(1,852)	774	
Net (loss) income per share:					
Basic	(0.11)	0.05	(0.09)	0.04	
Diluted	(0.11)	0.05	(0.09)	0.04	
Weighted average shares outstanding:					
Basic	20,261,591	18,697,729	19,721,378	18,609,797	
Diluted	20,261,591	18,956,690	19,721,378	18,931,356	

INFUSYSTEM HOLDINGS, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF CASH FLOWS

(in thousands)	Year Ended December 31, 2010 Year Ended December 31, 2009		Year Ended December 31, 2008	
OPERATING ACTIVITIES				
Net (loss) Income	\$ (1,852)	\$ 774	\$ 9,959	
Adjustments to reconcile net (loss) income to net cash provided by operating activities:				
(Gain) loss on derivative liabilities	(207)	78	(9,815)	
(Gain) on extinguishment of long-term debt	(1,118)	_	_	
Provision for doubtful accounts	4,515	4,006	3,187	
Depreciation	5,357	4,122	3,935	
Loss on disposal of pumps	994	342	553	
Amortization of intangible assets	2,259	1,827	1,827	
Amortization of deferred debt issuance costs	980	495	642	
Stock-based compensation	3,860	753	1,550	
Deferred income taxes	(1,236)	2,254	935	
Changes in assets and liabilities, exclusive of effects of acquisitions:				
(Increase) in accounts receivable, net of provision	(3,948)	(5,355)	(1,835)	
(Increase) decrease in other current assets	(506)	(253)	560	
(Increase) in other assets	(173)	(207)	_	
Increase (decrease) in accounts payable and other liabilities	2,252	872	(601)	
(Decrease) in derivative liabilities from termination of interest rate				
swap	(365)			
NET CASH PROVIDED BY OPERATING ACTIVITIES	10,812	9,708	10,897	
INVESTING ACTIVITIES				
Capital expenditures	(2,444)	(4,612)	(1,733)	
Cash paid for acquisition, net of cash acquired	(16,616)		_	
Proceeds from sale of property	_	1	10	
Payment of deferred acquisition costs	_	_	(105)	
Cash received for acquisition from I-Flow			784	
NET CASH USED IN INVESTING ACTIVITIES	(19,060)	(4,611)	(1,044)	
FINANCING ACTIVITIES				
Principal payments on term loan	(22,623)	(8,565)	(2,044)	
Cash proceeds from term loan	30,000	_	_	
Capitalized debt issuance costs	(808)	_		
Common stock repurchased to satisfy minimum statutory withholding				
on stock-based compensation	(167)	(135)	(195)	
Treasury shares repurchased	(68)	_		
Principal payments on capital lease obligations	(822)	(160)	(61)	
NET CASH PROVIDED BY (USED IN) FINANCING ACTIVITIES	5,512	(8,860)	(2,300)	
Net change in cash and cash equivalents	(2,736)	(3,763)	7,553	
Cash and cash equivalents, beginning of period	7,750	11,513	3,960	
Cash and cash equivalents, end of period	\$ 5,014	\$ 7,750	\$ 11,513	

INFUSYSTEM HOLDINGS, INC. AND SUBSIDIARIES GAAP RECONCILIATION

Reconciliation from Net Income to Adjusted EBITDA:

	Three Months Ended December 31,		Year Ended December 31,	
	2010	2009	2010	2009
Net (loss) income	\$(2,158)	\$ 966	\$ (1,852)	\$ 774
Adjustments:				
Interest expense	571	831	3,352	3,499
Income tax (benefit) expense	(1,259)	685	(1,371)	977
Depreciation — Pumps	1,376	1,058	4,960	3,785
Depreciation — Other	112	93	397	337
Amortization	644	457	2,259	1,827
EBITDA	\$ (714)	\$ 4,090	\$ 7,745	\$11,199
Adjustments:				
(Gain) loss on derivatives and other income	(417)	(1,122)	(207)	78
Other expense	258	_	258	_
Stock based compensation	4,098	224	5,909	753
Acquisition costs	_	_	965	_
Termination Benefits	450	_	450	877
(Gain) on loan payoff discount			(1,118)	
Adj. EBITDA	\$ 3,675	\$ 3,192	\$14,002	\$12,907