#### FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB 3235Number: 0287

Expires: November 30, 2011

Estimated average burden hours per response... 0.5

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 Typ	pe Responses)	)														
Name and Address of Reporting     Person -     McDevitt Sean				2. Issuer Name <b>and</b> Ticker or Trading Symbol InfuSystem Holdings, Inc [INFU]						5. Relationship of old of the state of the s	of Reporting	, ,				
(Last) (First) (Middle) C/O INFUSYSTEM HOLDINGS, INC., 31700 RESEARCH PARK DRIVE				3. Date of Earliest Transaction (Month/Day/Year) 08/25/2011						_X DirectorX 10% OwnerX Officer (give title Other (specify below) Chief Executive Officer						
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year)					- -	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(State)	(	Zip)	Table I	- Non-De	eriv	ative Sec	urit	ies Ac	quired, Dispos ed	ed of, or Be	eneficially				
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/	Year) i		n Date,	3. Transac Code (Instr. 8)		4. Secur Acquired Dispose (Instr. 3,	d (A	or (D)	5. Amount of Securities Beneficially Owned	Form: Direct (D)	7. Nature of Indirect Beneficial Ownership				
					Code	V	Amount	(A) or (D)		Following Reported Transaction(s) (Instr. 3 and 4)	or Indirect (I) (Instr. 4)	(Instr. 4)				
Common Stock, par value \$0.0001 per share	08/25/201	1			Р		100	Α	\$ 1.56	1,720,144	D					
Common Stock, par value \$0.0001 per share	08/25/201	1			Р		100	D	\$ 1.56	1,720,244	D					
Common Stock, par value \$0.0001 per share	08/25/201	1			Р		100	D	\$ 1.55	1,720,344	D					
	Report on a se			each clas		Per info req dis	rsons who ormation uired to i	cor esp	tained ond u	to the collecti l in this form a nless the form alid OMB contr	re not	EC 1474 (9-02)				
	Table II				•	•	Disposed ns, conv			neficially Owne	ed					
Security (Instr. 3)	Conversion D	ate	saction Day/Yea	r) if any	eemed tion Date n/Day/Yea	٠	4. Transactio Code (Instr. 8)	on N	5. Number Derivati Securiti Acquire A) or Dispose	(Month/Day ive ies ed	ion Date	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I)	of Indirect Beneficia Ownersh (Instr. 4)

of (D) (Instr. 3,

4, and 5)

(Instr. 4)

(Instr. 4)

	Code	V	(A)		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
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#### **Reporting Owners**

Demanting Owner Name / Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
McDevitt Sean C/O INFUSYSTEM HOLDINGS, INC. 31700 RESEARCH PARK DRIVE MADISON HEIGHTS, MI 48071	Х	Х	Chief Executive Officer				

### **Signatures**

/s/ Sean McDevitt	08/26/2011
-Signature of Reporting Person	Date

#### **Explanation of Responses:**

- $^{\star}~$  If the form is filed by more than one reporting person, see Instruction 4(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).

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.