FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type I	Response	es)													
1. Name and A Steen Eric K	Symbol	2. Issuer Name and Ticker or Trading Symbol InfuSystem Holdings, Inc [INFU]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)								
(Last) (First) (Middle) C/O INFUSYSTEM HOLDINGS, INC., 31700 RESEARCH PARK DRIVE			(Month/Day/	3. Date of Earliest Transaction (Month/Day/Year) 08/08/2014					X_ Officer (give title Other (specify below) below) Chief Executive Officer				pelow)		
(Street) MADISON HEIGHTS, MI 48071				4. If Amendment, Date Original Filed(Month/Day/Year)					6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(Sta	te) (Zip)	Table I -	Non-Dei	rivat	ive Secur	ities	Acqui	red, Disposed						
1.Title of Secur (Instr. 3)	L	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		(D) (d 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)		Direct (D) or Indirect	Benef O) Owne	lirect icial ership		
				Code	v	Amount	or (D)	Price	(Instr. 3 and 4))	(I) (Instr. 4)				
Common Sto	ock 0	8/08/2014		P		6,497	A	\$ 2.7	31,497		D				
Common Sto	ock 0	8/08/2014		Р		4,175	A	\$ 2.72	35,672		D				
Common Sto	ock 0	8/11/2014		P		500	A	\$ 2.71	36,172		D				
Reminder: Rep directly or indir		separate line for ea	ch class of securitie	es benefic	cially	owned									
directly of illum	iccuy.				inf red	ormatio quired to	n co res	ntaine pond	nd to the colle ed in this form unless the fo control numb	are n	ot		1474 9-02)		
			erivative Securitie							l					
1. Title of 2.		3. Transaction	g., puts, calls, wa	4.	puo	15.			Exercisable	7. Title	e and 8	Price of	9. Number of	10.	11. Natu
Derivative Security (Instr. 3) Price Derivative	nversion Exercise ce of crivative curity		Execution Date,	if Trans Code		Number of Derivate Security Acquires (A) or Disposs of (D) (Instr. 2)	er (a) (tive ies ed	nd Ex	piration Date //Day/Year)	Amou Under Securi (Instr. 4)	nt of I lying S ties (Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Ownership Form of Derivative Security: Direct (D) or Indirect	
						4, and :				1	Amount				

Date

Exercisable Date

Expiration

Title Number

Reporting Owners

Penarting Owner Name / Address		Relationships					
	Reporting Owner Name / Address	Director	10% Owner	Officer	Other		
3	Steen Eric K C/O INFUSYSTEM HOLDINGS, INC. 81700 RESEARCH PARK DRIVE MADISON HEIGHTS, MI 48071	X		Chief Executive Officer			

Signatures

/s/ Trent Smith, attorney-in-fact	08/12/2014	
Signature of Reporting Person	Date	

Explanation of Responses:

- * 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.