

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response...	0.5

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

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 Responses)

1. Name and Address of Reporting Person * Dilorio Richard			2. Issuer Name and Ticker or Trading Symbol InfuSystem Holdings, Inc [INFU]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Chief Executive Officer		
(Last) (First) (Middle) C/O INFUSYSTEM HOLDINGS, INC., 31700 RESEARCH PARK DRIVE			3. Date of Earliest Transaction (Month/Day/Year) 11/15/2017			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(Street) MADISON HEIGHTS, MI 48071			4. If Amendment, Date Original Filed (Month/Day/Year)					
(City) (State) (Zip)			Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned					

1. Title of Security (Instr. 3)	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)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock							59,659		D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		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) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Stock Option (right to buy)	\$ 2.69							(1)	07/14/2024	Common Stock	50,000	50,000	D		
Stock Option (right to buy)	\$ 2.60							(2)	03/11/2025	Common Stock	25,000	25,000	D		
Stock Option (right to buy)	\$ 2.76							(3)	08/16/2026	Common Stock	40,000	40,000	D		
Stock Option (right to buy)	\$ 2.15							(4)	03/16/2027	Common Stock	25,000	25,000	D		
Stock Option (right to buy)	\$ 1.98							(5)	09/07/2022	Common Stock	25,000	25,000	D		
Stock Appreciation Rights	\$ 2	11/15/2017		A		200,000		(6)	03/31/2019	Common Stock	200,000	\$ 0	200,000	D	
Stock Option (right to buy)	\$ 2	11/15/2017		A		200,000		(7)	11/15/2022	Common Stock	200,000	\$ 0	200,000	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Dilorio Richard C/O INFUSYSTEM HOLDINGS, INC.	X		Chief Executive Officer	

31700 RESEARCH PARK DRIVE
MADISON HEIGHTS, MI 48071

Signatures

/s/Trent N. Smith, Attorney-in-Fact for Richard Dilorio	12/12/2017
<small>--Signature of Reporting Person</small>	<small>Date</small>

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).

- (1) The option, representing the right to purchase a total of 50,000 shares of InfuSystem Holdings, Inc. common stock, vests in thirty-six monthly installments beginning August 14, 2014.
- (2) The option, representing the right to purchase a total of 25,000 shares of InfuSystem Holdings, Inc. common stock, vests in forty-eight monthly installments beginning April 11, 2015.
- (3) The option, representing the right to purchase a total of 40,000 shares of InfuSystem Holdings, Inc. common stock, vests in thirty-six monthly installments beginning September 16, 2016.
- (4) The option, representing the right to purchase a total of 25,000 shares of InfuSystems Holdings, Inc. common stock, vests in thirty-six monthly installments beginning April 16, 2017.
- (5) The option, representing the right to purchase a total of 25,000 shares of InfuSystem Holdings, Inc. common stock, vests annually over three years beginning September 7, 2018.
- (6) The stock appreciation rights shall vest and become exercisable beginning on December 31, 2018, based on certain company financial criteria.
- (7) The option, representing the right to purchase a total of 200,000 shares of InfuSystem Holdings, Inc. common stock, vests over four-year period on a monthly basis beginning December 15, 2017.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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