

# 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 *<br>Morris Ryan J.          |         | 2. Issuer Name and Ticker or Trading Symbol<br>InfuSystem Holdings, Inc [INFU] |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |  |
| (Last)   | (First) | (Middle)   | 3. Date of Earliest Transaction (Month/Day/Year)<br>10/15/2014 |   |  |
| (Street)<br>C/O INFUSYSTEM HOLDINGS, INC., 31700 RESEARCH PARK DRIVE |         |  | 4. If Amendment, Date Original Filed (Month/Day/Year)          |   | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person |
| (City)   | (State) | (Zip)  | MADISON HEIGHTS, MI 48071                                      |   |  |

### 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                    | 10/15/2014                           |  | M                              |   | 60,000  | A          | \$ 1.52  | 124,555   | D (1)  |   |
| Common Stock                    | 10/15/2014                           |  | F                              |   | 39,061 (2)  | D          | \$ 3.494 | 85,494  | D (1)  |   |
| Common Stock                    |                                      |  |                                |   |   |            |          | 535,626   | I  | See footnote (3)                                      |

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number. SEC 1474 (9-02)

### 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 |   |  |  |  |  |
| Stock option (right to buy)                | \$ 1.52  | 04/18/2014                           |  | M                              |   | 60,000  |     | (4)  | 08/29/2015      | Common Stock  | \$ 0                                       | 0  | D (5)  |  |
| Stock option (right to buy)                | \$ 3.1   |                                      |  |                                |   |   |     | (6)  | 05/08/2018      | Common Stock  |  | 60,000   | D (5)  |  |

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| Morris Ryan J.<br>C/O INFUSYSTEM HOLDINGS, INC.<br>31700 RESEARCH PARK DRIVE<br>MADISON HEIGHTS, MI 48071 | X             |           |         |       |

# Signatures

|   |                                   |
|---|-----------------------------------|
| /s/ Trent Smith, attorney-in-fact<br><small>**Signature of Reporting Person</small> | 10/23/2014<br><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) As an entity managed by Mr. Morris, Meson Capital Partners LLC ("Meson LLC") may be deemed to have the shared power to vote or direct the vote of (and the shared power to dispose or direct the disposition of) the shares held by Mr. Morris. Meson LLC disclaims beneficial ownership of such shares.

(2) Reflects the number of shares surrendered in connection with the cashless exercise of the option and tax withholding obligations for the exercised option.

Shares beneficially owned by Meson Capital Partners LP ("Meson LP"). As the general partner of Meson LP, Meson LLC may be deemed to have the shared power to vote or direct the vote of (and the shared power to dispose or direct the disposition of) the Meson LP shares.

(3) Meson LLC does not own any shares of Common Stock directly and disclaims beneficial ownership of the Meson LP shares. As managing member of Meson LLC, Mr. Morris may be deemed to have the shared power to vote or direct the vote of (and the shared power to dispose or direct the disposition of) any shares of Common Stock beneficially owned by Meson LLC. Mr. Morris disclaims beneficial ownership of any shares of Common Stock beneficially owned by Meson LLC.

(4) The option, representing the right to purchase a total of 60,000 shares, became exercisable in twelve equal monthly installments following the August 29, 2013 date of grant.

(5) As an entity which is managed by Mr. Morris, Meson LLC may be deemed to have the shared power to dispose or direct the disposition of stock options owned by Mr. Morris. Meson LLC disclaims beneficial ownership of such stock options.

(6) The option, representing the right to purchase a total of 60,000 shares, vests in twelve equal monthly installments beginning June 8, 2014 and immediately upon a change in control.

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.