

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 2)\*

InfuSystem Holdings, Inc.  
(Name of Issuer)

Common Stock,  
par value \$0.0001 per share

(Title of Class of Securities)

45685K102  
(CUSIP Number)

Scott A Shuda  
Meridian OHC Partners, LP  
425 Weed Street  
New Canaan, CT 06840

(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

April 27, 2015  
(Date of Event which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1. NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Meridian OHC Partners, LP  
46-3724228

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(see instructions)

Not applicable

(a)

(b)

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5. SOLE VOTING POWER

0

6. SHARED VOTING POWER

2,197,562

NUMBER OF SHARES  
BENEFICIALLY OWNED BY  
EACH REPORTING PERSON  
WITH

7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER

2,197,562

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,289,558

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  
(see instructions)

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

10.3%

12. TYPE OF REPORTING PERSON (see instructions)

PN

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1. NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Meridian TSV II, LP  
45-2531394

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(see instructions)  
Not applicable  
(a)   
(b)
3. SEC USE ONLY
4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

	5.	SOLE VOTING POWER	
			0
	6.	SHARED VOTING POWER	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			16,528
	7.	SOLE DISPOSITIVE POWER	
			0
	8.	SHARED DISPOSITIVE POWER	
			16,528

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,289,558

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  
(see instructions)
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

10.3%

12. TYPE OF REPORTING PERSON (see instructions)

PN

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- 1. NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

TSV Investment Partners, LLC  
27-1033220

- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(see instructions)

Not applicable

(a)

(b)

- 3. SEC USE ONLY

- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Connecticut

- 5. SOLE VOTING POWER

0

- 6. SHARED VOTING POWER

2,211,708

NUMBER OF SHARES  
BENEFICIALLY OWNED BY  
EACH REPORTING PERSON  
WITH

- 7. SOLE DISPOSITIVE POWER

0

- 8. SHARED DISPOSITIVE POWER

2,211,708

- 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,289,558

- 10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  
(see instructions)

- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

10.3%

- 12. TYPE OF REPORTING PERSON (see instructions)

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1. NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

BlueLine Capital Partners II, LP  
20-4921646

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(see instructions)  
Not applicable  
(a)   
(b)
3. SEC USE ONLY
4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

5. SOLE VOTING POWER

0

6. SHARED VOTING POWER

75,468

NUMBER OF SHARES  
BENEFICIALLY OWNED BY  
EACH REPORTING PERSON  
WITH

7. SOLE DISPOSITIVE POWER

0

8. SHARED DISPOSITIVE POWER

75,468

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,289,558

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  
(see instructions)
11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

10.3%

12. TYPE OF REPORTING PERSON (see instructions)

PN

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- 1. NAMES OF REPORTING PERSONS  
I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

BlueLine Partners, LLC  
20-2141854

- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  
(see instructions)

Not applicable

- (a)
- (b)

- 3. SEC USE ONLY

- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

- 5. SOLE VOTING POWER

0

- 6. SHARED VOTING POWER

NUMBER OF SHARES  
BENEFICIALLY OWNED BY  
EACH REPORTING PERSON  
WITH

- 7. SOLE DISPOSITIVE POWER

75,468

- 8. SHARED DISPOSITIVE POWER

0

75,468

- 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,289,558

- 10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES  
(see instructions)

- 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

10.3%

- 12. TYPE OF REPORTING PERSON (see instructions)

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**Item 1.**

- (a) Name of Issuer  
InfuSystem Holdings, Inc.
- (b) Address of Issuer's Principal Executive Offices  
31700 Research Park Drive  
Madison Heights, Michigan 48071

**Item 2.**

- (a) Name of Person Filing
    - (i) Meridian OHC Partners, LP
    - (ii) Meridian TSV II, LP
    - (iii) TSV Investment Partners, LLC
    - (iv) BlueLine Capital Partners II, LP
    - (v) BlueLine Partners, LLC
  - (b) Address of the Principal Office or, if none, residence  
c/o Scott A Shuda  
Meridian OHC Partners, LP  
425 Weed Street  
New Canaan, CT 06840
  - (c) Citizenship
    - (i) Meridian OHC Partners, LP is a Delaware limited partnership
    - (ii) Meridian TSV II, LP is a Delaware limited partnership
    - (iii) TSV Investment Partners, LLC is a Connecticut limited liability company
    - (iv) BlueLine Capital Partners II, LP is a Delaware limited partnership
    - (v) BlueLine Partners, LLC is a Delaware limited liability company
  - (d) Title of Class of Securities  
Common stock, par value \$0.0001 per share
  - (e) CUSIP Number  
45685K102
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**Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:**

- (a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).
- (b)  Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c)  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d)  Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e)  An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with §240.13d-1(b)(1)(ii)(G);
- (h)  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j)  Group, in accordance with §240.13d-1(b)(1)(ii)(J).

**Item 4. Ownership.**

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

## (i) Meridian OHC Partners, LP

- (a) Amount beneficially owned: 2,197,562
  - (b) Percent of class: 9.8%
  - (c) Number of shares as to which the person has:
    - (i) Sole power to vote or to direct the vote 0.
    - (ii) Shared power to vote or to direct the vote 2,197,562.
    - (iii) Sole power to dispose or to direct the disposition of 0.
    - (iv) Shared power to dispose or to direct the disposition of 2,197,562.
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- (ii) Meridian TSV II, LP
    - (a) Amount beneficially owned: 16,528
    - (b) Percent of class: 0.1%
    - (c) Number of shares as to which the person has:
      - (i) Sole power to vote or to direct the vote 0.
      - (ii) Shared power to vote or to direct the vote 16,528.
      - (iii) Sole power to dispose or to direct the disposition of .
      - (iv) Shared power to dispose or to direct the disposition of 16,528.
  
  - (iii) TSV Investment Partners, LLC
    - (a) Amount beneficially owned: 2,060,857
    - (b) Percent of class: 9.9%
    - (c) Number of shares as to which the person has:
      - (i) Sole power to vote or to direct the vote 0.
      - (ii) Shared power to vote or to direct the vote 2,211,708.
      - (iii) Sole power to dispose or to direct the disposition of 0.
      - (iv) Shared power to dispose or to direct the disposition of 2,211,708.
  
  - (iv) BlueLine Partners II, LP
    - (a) Amount beneficially owned: 75,468
    - (b) Percent of class: 0.3%
    - (c) Number of shares as to which the person has:
      - (i) Sole power to vote or to direct the vote 0.
      - (ii) Shared power to vote or to direct the vote 75,468.
      - (iii) Sole power to dispose or to direct the disposition of 0.
      - (iv) Shared power to dispose or to direct the disposition of 75,468.
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- (v) BlueLine Partners, LLC
- (a) Amount beneficially owned: 75,468
  - (b) Percent of class: 0.3%
  - (c) Number of shares as to which the person has:
    - (i) Sole power to vote or to direct the vote 0.
    - (ii) Shared power to vote or to direct the vote 75,468.
    - (iii) Sole power to dispose or to direct the disposition of 0.
    - (iv) Shared power to dispose or to direct the disposition of 75,468.

*Instruction.* For computations regarding securities which represent a right to acquire an underlying security see §240.13d-3(d)(1).

**Item 5. Ownership of Five Percent or Less of a Class.**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following .

*Instruction.* Dissolution of a group requires a response to this item.

**Item 6. Ownership of More than Five Percent on Behalf of Another Person.**

Not applicable.

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.**

Not applicable.

**Item 8. Identification and Classification of Members of the Group.**

Not applicable.

**Item 9. Notice of Dissolution of Group.**

Not applicable.

**Item 10. Certification.**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

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**SIGNATURES**

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: May 4, 2015

Meridian OHC Partners, L.P.

By: TSV Investment Partners, L.L.C.  
Its: General Partner

By: /s/ Scott Shuda  
Name: Scott Shuda  
Title: Managing Director

Meridian TSV II, L.P.

By: TSV Investment Partners, L.L.C.  
Its: General Partner

By: /s/ Scott Shuda  
Name: Scott Shuda  
Title: Managing Director

TSV Investment Partners, L.L.C.

By: /s/ Scott Shuda  
Name: Scott Shuda  
Title: Managing Director

BlueLine Capital Partners II, L.P.

By: BlueLine Partners, L.L.C.  
Its: General Partner

By: /s/ Scott Shuda  
Name: Scott Shuda  
Title: Managing Director

BlueLine Partners, L.L.C.

By: /s/ Scott Shuda  
Name: Scott Shuda  
Title: Managing Director

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