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

## SCHEDULE 13G

|  | Under the Securities Exchange Act of 1934  (Amendment No. ) *   |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|
|  | InfuSystem Holdings, Inc.   |  |  |  |  |  |  |
|  | (Name of Issuer)  |  |  |  |  |  |  |
|  | Common Stock, \$0.0001 Par Value  |  |  |  |  |  |  |
|  | (Title of Class of Securities)  |  |  |  |  |  |  |
|  | 45685K102   |  |  |  |  |  |  |
|  |   |  |  |  |  |  |  |
|  | (CUSIP Number)  |  |  |  |  |  |  |
| Lisa Thenell, Chief Compliance Officer Acuitas Investments, LLC 520 Pike Street, Suite 1221, Seattle, WA 98101, 206-299-2073   |   |  |  |  |  |  |  |
|  | (Name, Address and Telephone Number of Person<br>Authorized to Receive Notices and Communications)  |  |  |  |  |  |  |
|  | December 31, 2022   |  |  |  |  |  |  |
|  | (Date of Event which Requires Filing of this Statement)   |  |  |  |  |  |  |
| <pre>is filed:  X  Rule  _  Rule</pre>   | heck the appropriate box to designate the rule pursuant to which this Schedule s filed:  X  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. |   |  |  |  |  |  |  |
| to be "fi<br>1934 ("Ac   | mation required on the remainder of this cover page shall not be deemed led" for the purpose of Section 18 of the Securities Exchange Act of t") or otherwise subject to the liabilities of that section of the Act be subject to all other provisions of the Act (however, see the |  |  |  |  |  |  |
| CUSIP No.  | 45685K102 13G Page 2 of 5 Pages   |  |  |  |  |  |  |
| 1.   | Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)   |  |  |  |  |  |  |
|  | Acuitas Investments, LLC 27-3889854   |  |  |  |  |  |  |
| 2.   | 2. Check the Appropriate Box If a Member of a Group (See Instructions) (a)  _  (b)  _   |  |  |  |  |  |  |
| 3.   | SEC Use Only  |  |  |  |  |  |  |
| 4.   | Citizenship or Place of Organization  |  |  |  |  |  |  |
|  | Washington, USA   |  |  |  |  |  |  |
|  | 5. SOLE VOTING POWER  |  |  |  |  |  |  |
|  | 0   |  |  |  |  |  |  |
|  | 6. SHARED VOTING POWER  |  |  |  |  |  |  |
| NUMBER   | OF  |  |  |  |  |  |  |

| BENEFIC<br>OWNED BY<br>REPORT<br>PERSON               |  |   | <br>7. | SOLE DISPO           | <br>OSITIVE POW              |                        |                |                 |  |  |
|---|--|---|--------|----------------------|------------------------------|------------------------|----------------|-----------------|--|--|
|   |  | NG  |        | 0                    |                              |                        |                |                 |  |  |
|   |  |   | 8.     | SHARED DIS           | SPOSITIVE PO                 | OWER                   |                |                 |  |  |
|   |  |   |        | 1,154,308            |                              |                        |                |                 |  |  |
| 9   |  | Aggregate   | e Amo  | unt Benefic          | cially Owner                 | d by Each Re           | <br>porting Pe | rson            |  |  |
|   |  | 1,154,308   |        |                      |                              |                        |                |                 |  |  |
| 10  | 0.   | Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)  _  |        |                      |                              |                        |                |                 |  |  |
| 11. Percent of Class Represented by Amount in Row (9) |  |   |        |                      |                              | (9)                    |                |                 |  |  |
|   |  |   |        |                      |                              |                        |                |                 |  |  |
|   |  | Based on a total of 20,656,374 shares of the Issuer's Common Stock outstanding as of November 3, 2022, as reported in the Issuer's Quarterly Report on Form 10-Q for the period ended September 30, 2022. |        |                      |                              |                        |                |                 |  |  |
| 12  | 2.   | Type of Reporting Person (See Instructions)   |        |                      |                              |                        |                |                 |  |  |
|   |  | IA  |        |                      |                              |                        |                |                 |  |  |
|   |  |   |        |                      |                              |                        |                |                 |  |  |
|   |  |   |        |                      |                              |                        |                |                 |  |  |
| CUSIP 1   | No.  | 45685K102   | 2      |                      | 13G                          |                        | Pag            | re 3 of 5 Pages |  |  |
| Item 1  |  |   |        |                      |                              |                        |                |                 |  |  |
| ( 6   |  | Name of Is<br>InfuSyster  |        | :<br>dings, Inc.     |                              |                        |                |                 |  |  |
| (1  | b) Address of Issuer's Principal Executive Offices:<br>3851 West Hamlin Road, Rochester Hills, MI 48309    |   |        |                      |                              |                        |                |                 |  |  |
| Item 2  | •  |   |        |                      |                              |                        |                |                 |  |  |
| (6  |  | ) Name of Person Filing:<br>Acuitas Investments, LLC  |        |                      |                              |                        |                |                 |  |  |
| (1  | (b) Address of the Principal Office or, if none, residence: 520 Pike Street, Suite 1221, Seattle, WA 98101 |   |        |                      |                              |                        |                |                 |  |  |
| ((  | (c) Citizenship:<br>Washington, USA  |   |        |                      |                              |                        |                |                 |  |  |
| (0  |  | ) Title of Class of Securities:<br>Common Stock, \$0.0001 Par Value   |        |                      |                              |                        |                |                 |  |  |
| ( €   |  | CUSIP Numb<br>15685K102   | oer:   |                      |                              |                        |                |                 |  |  |
| Item 3<br>or (c),                                     |  |   |        |                      | ed pursuant<br>filing is a   |                        | 3d-1(b) or     | 240.13d-2(b)    |  |  |
| ( 8   | a)   | _   |        | dealer regi<br>78o). | istered unde                 | er section 1           | 5 of the A     | .ct             |  |  |
| (1  | b)   | _  Bank a   | as de  | fined in se          | ection 3(a)                  | (6) of the A           | ct (15 U.S     | .C. 78c).       |  |  |
| ((  | c)   | _   |        | company as 78c).     | defined in                   | section 3(a            | )(19) of t     | he Act          |  |  |
| (0  | d)   | _   |        |                      | egistered un<br>(15 U.S.C 80 | nder section<br>Da-8). | 8 of the       | Investment      |  |  |
| ( €   | e)   | X  An inv   | vestm  | ent adviser          | r in accorda                 | ance with S.           | 240.13d-1(     | b)(1)(ii)(E);   |  |  |

(h) |\_| A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(f)  $|\_|$  An employee benefit plan or endowment fund in accordance with

(g)  $\mid \_ \mid$  A parent holding company or control person in accordance with

S.240.13d-1(b)(1)(ii)(F);

S. 240.13d-1(b)(1)(ii)(G);

- (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);
- (i) | Group, in accordance with S.240.13d-1(b)(1)(ii)(J).

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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.

- (a) Amount beneficially owned: 1,154,308
- (b) Percent of class: 5.6%

Based on a total of 20,656,374 shares of the Issuer's Common Stock outstanding as of November 3, 2022, as reported in the Issuer's Quarterly Report on Form 10-Q for the period ended September 30, 2022.

- (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: 1,154,308
  - (iii) Sole power to dispose or to direct the disposition of:  $\mathbf{0}$
  - (iiii) Shared power to dispose or to direct the disposition of: 1,154,308
- 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  $| \ |$ .

- Item 6. Ownership of More than Five Percent on Behalf of Another Person.
- Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.
- Item 8. Identification and Classification of Members of the Group
- Item 9. Notice of Dissolution of Group
- Item 10. Certification
  - (a) The following certification shall be included if the statement is filed pursuant to S.240.13d-1(b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

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(b) The following certification shall be included if the statement is filed pursuant to S.240.13d-1(c):

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.

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.

| 0               | 1/11/2023               |
|-----------------|-------------------------|
|                 | Date                    |
|                 |                         |
| /s/ L           | isa Thenell             |
| S               | ignature                |
|                 |                         |
| Lisa Thenell, C | hief Compliance Officer |

Name/Title