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

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): June 6, 2018

InfuSystem Holdings, Inc.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization)

001-35020

(Commission File Number)

20-3341405

(I.R.S. Employer Identification No.)

31700 Research Park Drive
Madison Heights, Michigan 48071
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (248) 291-1210

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

| Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

| Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

| Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

| Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company | If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communications pursuant to Section 13(a) of the Exchange Act. | Image: Pre-commencement communic

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On June 6, 2018, Trent Smith, executive vice-president, chief accounting officer and corporate controller of InfuSystem Holdings, Inc. (the "Company"), informed the Company of his decision to resign his position with the Company effective June 15, 2018, in order to accept a position as chief financial officer of a non-public company. Mr. Smith's resignation does not reflect any dispute or disagreement with the Company, nor does it relate to any issues with respect to the Company's financial performance. Mr. Smith has agreed to assist the Company during a transition period.

Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

INFUSYSTEM HOLDINGS, INC.

By: /s/ Gregory W. Schulte
Gregory W. Schulte
Executive Vice President and Chief Financial Officer

Dated: June 7, 2018