

FORM 3

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

OMB APPROVAL	
OMB Number:	3235-0104
Expires:	November 30, 2011
Estimated average burden hours per response...	0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person Boston Avenue Capital LLC <small>(Last) (First) (Middle)</small> 15 EAST 5TH STREET, SUITE 3200 <small>(Street)</small> TULSA, OK 74103 <small>(City) (State) (Zip)</small>	2. Date of Event Requiring Statement (Month/Day/Year) 11/29/2011	3. Issuer Name and Ticker or Trading Symbol InfuSystem Holdings, Inc [INFU]	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input checked="" type="checkbox"/> Other <input type="checkbox"/> (give title below) (specify below) Member of 10% owner group	5. If Amendment, Date Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person
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Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	82,327	D <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	<small>Date Exercisable</small> / <small>Expiration Date</small>	<small>Title</small> / <small>Amount or Number of Shares</small>			

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Boston Avenue Capital LLC 15 EAST 5TH STREET, SUITE 3200 TULSA, OK 74103				Member of 10% owner group
Adelson James F 15 EAST 5TH STREET, SUITE 3200 TULSA, OK 74103				Member of 10% owner group
Gillman Charles M 15 EAST 5TH STREET, SUITE 3200 TULSA, OK 74103				Member of 10% owner group
Heyman Stephen J 15 EAST 5TH STREET, SUITE 3200 TULSA, OK 74103				Member of 10% owner group

Signatures

/s/ Paula L. Skidmore, Attorney-in-Fact for each of the Reporting Persons <small>Signature of Reporting Person</small>	12/07/2011 <small>Date</small>
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Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).
- Boston Avenue Capital LLC ("BAC") beneficially owns and has voting and dispositive power over the reported Common Stock. As the managers of BAC, Messrs. Heyman and Adelson 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 BAC. Neither Messrs. Heyman nor Adelson hold any shares of Common Stock directly, and each disclaims beneficial ownership of any shares of Common Stock beneficially owned by BAC. As the portfolio manager of BAC, Mr. Gillman 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 BAC. Mr. Gillman does not own any shares of Common Stock directly, and disclaims beneficial ownership of any shares of Common Stock beneficially owned by BAC.
- On December 6, 2011, BAC, Messrs. Heyman, Adelson and Gillman (collectively, the "Reporting Persons"), and certain other persons made a joint filing on Schedule 13D with the Securities and Exchange Commission, under Section 13(d) of the Securities Exchange Act of 1934, as amended, and therefore may be deemed to beneficially own Common Stock beneficially owned by the other persons in such joint filing. The Reporting Persons disclaim beneficial ownership of and any pecuniary interest in any shares of Common Stock beneficially owned by such other persons.
- (3) This Form 3 filing shall not be deemed an admission that any Reporting Person is a beneficial owner of any shares of Common Stock for any purpose, other than the Common Stock reported in Table I, or that any Reporting Person is a member of a "group." This Form 3 does not reflect Common Stock owned by any person other than the Reporting Persons.

Remarks:
 Exhibits: Exhibit 24.1, Power of Attorney for Boston Avenue Capital LLC; Exhibit 24.2, Power of Attorney for James F. Adelson; Exhibit 24.3, Power of Attorney for Charles M. Gillman; Exhibit 24.4, Power of Attorney for Stephen J. Heyman.

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.

Exhibit 24.1

LIMITED POWER OF ATTORNEY FOR
SECTION 16 REPORTING OBLIGATIONS

Know all by these presents that the undersigned hereby constitutes and appoints each of Paula L. Skidmore and C. Rene Capron signing singly, the undersigned's true and lawful attorneys-in-fact to:

(1) execute for and on behalf of the undersigned Forms 3, 4, and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder;

(2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority; and

(3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that each such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

IN WITNESS WHEREOF, the undersigned has caused this Limited Power of Attorney to be executed as of this 2nd day of December, 2009.

BOSTON AVENUE CAPITAL LLC

By: Stephen J. Heyman

Stephen J. Heyman, Manager

Exhibit 24.2

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James F. Adelson

James F. Adelson

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Charles M. Gillman

Charles M. Gillman

LIMITED POWER OF ATTORNEY FOR
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Stephen J. Heyman

Stephen J. Heyman