

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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 * KLEINHEINZ CAPITAL PARTNERS INC		2. Date of Event Requiring Statement (Month/Day/Year) 12/12/2007	3. Issuer Name and Ticker or Trading Symbol InfuSystem Holdings, Inc [HAPN.OB]	
(Last) (First) (Middle) 201 MAIN STREET, SUITE 2001	(Street) FORT WORTH, TX 76102	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below)		5. If Amendment, Date Original Filed (Month/Day/Year)
(City) (State) (Zip)	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			

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	1,572,480 (1)	I	See Footnote (2)

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

SEC 1473 (7-02)

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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)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Warrant to Purchase Common Shares	10/26/2007	04/11/2011	Common Stock	500,000 (1)	\$ 5	I	See Footnote (2)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KLEINHEINZ CAPITAL PARTNERS INC 201 MAIN STREET SUITE 2001 FORT WORTH, TX 76102		X		
Kleinheinz Capital Partners LDC 201 MAIN STREET SUITE 2001 FORT WORTH, TX 76102		X		
KLEINHEINZ JOHN B 201 MAIN STREET SUITE 2001 FORT WORTH, TX 76102		X		

Signatures

/s/ John Kleinheinz, Director of Kleinheinz Capital Partners, Inc.		12/19/2007
<small>Signature of Reporting Person</small>		Date
/s/ John Kleinheinz, Managing Director of Kleinheinz Capital Partners, LDC		12/19/2007
<small>Signature of Reporting Person</small>		Date
/s/ John Kleinheinz		12/19/2007
<small>Signature of Reporting Person</small>		Date

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).

The filing of this Form 3 shall not be construed as an admission that Kleinheinz Capital Partners, Inc., Kleinheinz Capital Partners LDC or John Kleinheinz is or was for the purpose of Section 16(a) of the Securities Exchange Act of 1934, as amended, or otherwise a beneficial owner of any of the shares of common stock ("Common (1) Stock") or Warrants to purchase Common Stock ("Warrants") of Infusystem Holdings, Inc. owned by Global Undervalued Securities Fund, LP, Global Undervalued Securities Fund (QP), LP, Global Undervalued Securities Fund, Ltd. or Global Undervalued Securities Master Fund, LP. Pursuant to Rule 16a-1, each of Kleinheinz Capital Partners, Inc., Kleinheinz Capital Partners LDC and John Kleinheinz disclaims such beneficial ownership.

Kleinheinz Capital Partners LDC holds indirectly shares of Common Stock and Warrants on behalf of Global Undervalued Securities Fund, LP, and Global Undervalued Securities Fund (QP), LP for which Kleinheinz Capital Partners LDC serves as general partner. Kleinheinz Capital Partners, Inc. holds indirectly shares of Common Stock and Warrants on behalf of Global Undervalued Securities Fund, LP, Global Undervalued Securities Fund (2) (QP), LP, Global Undervalued Securities Fund, Ltd. and Global Undervalued Securities Master Fund, LP, for which Kleinheinz Capital Partners, Inc. serves as investment manager. John Kleinheinz report the shares of Common Stock and Warrants held indirectly by Kleinheinz Capital Partners LDC and Kleinheinz Capital Partners, Inc. because, as managing director and director, respectively, at the time of purchase, he controlled the voting

and disposition of the securities.

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.