

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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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) 11/29/2011		3. Issuer Name and Ticker or Trading Symbol InfuSystem Holdings, Inc [INFU]		
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) ____ Director ____ 10% Owner ____ Officer <input checked="" type="checkbox"/> Other (give title below) (specify below) Member of 10% owner group		5. If Amendment, Date Original Filed (Month/Day/Year)	
301 COMMERCE STREET, SUITE 1900, (Street) FORT WORTH, TX 76102					6. Individual or Joint/Group Filing (Check Applicable Line) ____ Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person	
(City)	(State)	(Zip)	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	1,861,480	I	See Footnote (1) (2) (3) (4)

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			

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
KLEINHEINZ CAPITAL PARTNERS, INC. 301 COMMERCE STREET, SUITE 1900 FORT WORTH, TX 76102				Member of 10% owner group
Kleinheinz Capital Partners LDC C/O WALKERS SPV LIMITED WALKER HOUSE, 87 MARY STREET GEORGE TOWN, GRAND CAYMAN, E9 KY1-9002				Member of 10% owner group
KLEINHEINZ JOHN B 301 COMMERCE STREET, SUITE 1900 FORT WORTH, TX 76102				Member of 10% owner group
GLOBAL UNDERVALUED SECURITIES MASTER FUND LP C/O BNY MELLON ALTERNATIVE INVEST. SVCS. 48 PAR-LA-VILLE ROAD, SUITE 464 HAMILTON, D0 HM 11				Member of 10% owner group
GLOBAL UNDERVALUED SECURITIES FUND LP C/O BNY MELLON ALTERNATIVE INVEST. SVCS. 48 PAR-LA-VILLE ROAD, SUITE 464 HAMILTON, D0 HM 11				Member of 10% owner group
Global Undervalued Securities Fund QP L P C/O BNY MELLON ALTERNATIVE INVEST. SVCS. 48 PAR-LA-VILLE ROAD, SUITE 464 HAMILTON, D0 HM 11				Member of 10% owner group
Global Undervalued Securities Fund Ltd C/O BNY MELLON ALTERNATIVE INVEST. SVCS. 48 PAR-LA-VILLE ROAD, SUITE 464 HAMILTON, D0 HM 11				Member of 10% owner group

Signatures

/s/ John B. Kleinheinz, President of Kleinheinz Capital Partners, Inc.		12/06/2011
 Signature of Reporting Person		Date
/s/ John B. Kleinheinz, Managing Director of Kleinheinz Capital Partners LDC		12/06/2011
 Signature of Reporting Person		Date
/s/ John B. Kleinheinz		12/06/2011

--Signature of Reporting Person		Date
/s/ John B. Kleinheinz, President of Kleinheinz Capital Partners, Inc., investment manager of Global Undervalued Securities Fund, L.P., general partner of Global Undervalued Securities Master Fund, L.P.		12/06/2011
--Signature of Reporting Person		Date
/s/ John B. Kleinheinz, President of Kleinheinz Capital Partners, Inc., investment manager of Global Undervalued Securities Fund, L.P.		12/06/2011
--Signature of Reporting Person		Date
/s/ John B. Kleinheinz, President of Kleinheinz Capital Partners, Inc., investment manager of Global Undervalued Securities Fund (QP), L.P.		12/06/2011
--Signature of Reporting Person		Date
/s/ John B. Kleinheinz, Director of Global Undervalued Securities Fund, Ltd.		12/06/2011
--Signature of Reporting Person		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).
- (1) Represents shares of common stock ("Common Stock") of Infusystem Holdings, Inc. (the "Issuer") directly beneficially owned by Global Undervalued Securities Master Fund, L.P. ("Global Master").
- On December 6, 2011, Kleinheinz Capital Partners, Inc. ("Kleinheinz Capital"), Kleinheinz Capital Partners LDC ("LDC"), Global Undervalued Securities Fund, L.P. ("Global, L.P."), Global Undervalued Securities Fund (QP), L.P. ("Global QP"), Global Undervalued Securities Fund, Ltd. ("Global Ltd."), Global Master, and John B. Kleinheinz ("Mr. Kleinheinz", and collectively with Kleinheinz Capital, LDC, Global, L.P., Global QP, Global Ltd. and Global Master, the "Reporting Persons") and certain other persons made a joint filing under Section 13(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), 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.
- This Form 3 and the filing hereof 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 1, or that any Reporting Person is a member of a "group." This Form 3 does not reflect any Common Stock beneficially owned by any person other than the Reporting Persons.
- (3) Mr. Kleinheinz, as the sole director and President of Kleinheinz Capital and as a director of LDC; Kleinheinz Capital, as the investment manager of Global, L.P., Global QP, Global Ltd. and Global Master; LDC, as the general partner of Global, L.P. and Global QP; Global, L.P., as a general partner of Global Master; Global QP, as a general partner of Global Master; and Global Ltd., as a general partner of Global Master, may in each case be deemed to be beneficial owners of the Common Stock reported herein for purposes of Rule 16a-1(a) of the Exchange Act. Mr. Kleinheinz, Kleinheinz Capital, LDC, Global, L.P., Global QP, and Global Ltd. disclaim any beneficial ownership of any Common Stock, except to the extent of any pecuniary interest therein.
- (4)

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

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