

Schloss Eileen
Form 3
October 31, 2012

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 *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â Schloss Eileen		(Month/Day/Year)	Medidata Solutions, Inc. [MDSO]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
		10/29/2012		
C/O MEDIDATA SOLUTIONS, INC.,Â 79 FIFTH AVENUE, 8TH FLOOR			(Check all applicable)	
(Street)			<input type="checkbox"/> Director	<input type="checkbox"/> 10% Owner
			<input checked="" type="checkbox"/> Officer	<input type="checkbox"/> Other
			(give title below) (specify below)	
			EVP, HUMAN RESOURCES	
NEW YORK,Â NYÂ 10003			6. Individual or Joint/Group Filing(Check Applicable Line)	
(City)	(State)	(Zip)	<input checked="" type="checkbox"/> Form filed by One Reporting Person	
			<input 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	0	D	Â

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.

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	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Schloss Eileen C/O MEDIDATA SOLUTIONS, INC., 79 FIFTH AVENUE, 8TH FLOOR NEW YORK, NY 10003	Â	Â	Â EVP, HUMAN RESOURCES	Â

Signatures

s/ Michael I. Otner, Attorney-in-Fact	10/31/2012
**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).

Â
Remarks:
 Exhibit List - Exhibit 24-Limited Power of Attorney for Section 16(a) Reporting.

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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