Medidata Solutions, Inc. Form 4

November 12, 2015

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Check this box if no longer

subject to Section 16.

Form 4 or Form 5 obligations

may continue. See Instruction

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

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Schloss Eileen

(First)

(Street)

(State)

C/O MEDIDATA SOLUTIONS.

(Middle)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

Medidata Solutions, Inc. [MDSO]

3. Date of Earliest Transaction

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

(Month/Day/Year)

11/10/2015

Director 10% Owner Officer (give title __X_ Other (specify

below) below)

EVP, HUMAN RESOURCES

INC.,, 350 HUDSON STREET, 9TH

FLOOR

(City)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

NEW YORK, NY 10014

(City)	(State)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securit or Dispos (Instr. 3,	ed of (` ′	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4)		
Common Stock	11/10/2015		M	8,289	A	\$ 18.755	47,001 (1)	D		
Common Stock	11/10/2015		M	2,128	A	\$ 18.755	49,129 (1)	D		
Common Stock	11/10/2015		S	10,417	D	\$ 44.537 (2)	38,712 (1)	D		

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerc Expiration D (Month/Day/	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 18.755	11/10/2015		M	8,289	(3)	10/29/2022	Common Stock	8,289
Stock Option (right to buy)	\$ 18.755	11/10/2015		M	2,128	(3)	10/29/2022	Common Stock	2,128

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

Schloss Eileen C/O MEDIDATA SOLUTIONS, INC., 350 HUDSON STREET, 9TH FLOOR NEW YORK, NY 10014

EVP, HUMAN RESOURCES

Signatures

/s/ Kathryn E. Schneider, Attorney-in-Fact

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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) Included are 206 shares which were purchased pursuant to the terms of the Medidata Solutions, Inc. Employee Stock Purchase Plan on June 30, 2015.

Reporting Owners 2

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- Such transaction was executed in multiple trades at prices ranging from \$44.50 to \$44.63. The price reported reflects the weighted
- (2) average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.
- (3) The options vested as to 25% of the shares on October 29, 2013 and 1/36th of the remaining options will become exercisable each month thereafter for the next 36 months

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.