

Medidata Solutions, Inc.
Form 4
March 01, 2016

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN 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 *
Schloss Eileen

(Last) (First) (Middle)

C/O MEDIDATA SOLUTIONS,
INC., 350 HUDSON STREET, 9TH
FLOOR

(Street)

NEW YORK, NY 10014

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Medidata Solutions, Inc. [MDSO]

3. Date of Earliest Transaction
(Month/Day/Year)
02/26/2016

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
EVP, HUMAN RESOURCES

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V Amount or (D) Price			
Common Stock	02/26/2016		M	(1) 5,712 A \$ 0	86,051	D	
Common Stock	02/26/2016		F	(2) 2,620 D \$ 34.85	83,431	D	
Common Stock	02/26/2016		A(3)	7,647 A \$ 0	91,078	D	

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

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(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 of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Beneficially (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	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/ Michael I. Otner,
Attorney-in-Fact

03/01/2016

**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) Represents restricted stock units earned in connection with a performance-based restricted stock unit ("PBRSU") award on February 13, 2015, based on achievement of certain targets in fiscal year 2015. The restricted stock units were settled at 128.1% of the target grant amount. Each restricted stock unit represents a contingent right to receive one share of the issuer's common stock. Shares will be issued in settlement of these restricted stock units in annual installments on February 26, 2016, February 26, 2017, and February 26, 2018.
 - (2) Shares withheld by Medidata to satisfy the tax withholding obligation in connection with the vesting of the PBRSU award referenced above.
 - (3) Award of shares of restricted stock under the issuer's Second Amended & Restated 2009 Long-Term Incentive Plan (the "2009 LTIP") on February 26, 2016. The restrictions will lapse in full on February 26, 2017.

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.