Otner Michael I. Form 4 March 01, 2013

FORM 4

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

Check this box if no longer subject to Section 16.

Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

OMB APPROVAL

OMB Number:

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Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

1(b).

1. Name and Address of Reporting Person * Otner Michael I.

Symbol

(Zip)

5. Relationship of Reporting Person(s) to

Issuer

(Last)

(City)

(First) (Middle) Medidata Solutions, Inc. [MDSO] 3. Date of Earliest Transaction

2. Issuer Name and Ticker or Trading

(Check all applicable)

10% Owner

C/O MEDIDATA SOLUTIONS.

(Month/Day/Year) 02/27/2013

Director X_ Officer (give title below)

Other (specify

EVP-General Counsel

INC..., 79 FIFTH AVENUE, 8TH **FLOOR**

(Street)

(State)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X 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

NEW YORK, NY 10003

		Table 1 - Non-Derivative Securities Acquired, Disposed of, or Deficientially Owned							
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	omr Dispo (Instr. 3,	sed of 4 and (A) or	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	02/27/2013		Code V M	Amount 2,500	(D)	Price \$ 12.08	27,124	D	
Common Stock	02/27/2013		S	2,500	D	\$ 51.6127 (1)	24,624	D	

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

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

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(In

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. Transactic Code (Instr. 8)	5. Number out 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to buy)	\$ 12.08	02/27/2013		M	2,500	<u>(2)</u>	11/13/2017	Common Stock	2,500

Reporting Owners

Reporting Owner Name / Address	Relationships					
• 0	Director	10% Owner	Officer	Other		
Otner Michael I.						
C/O MEDIDATA SOLUTIONS, INC.,			EVP-General			
79 FIFTH AVENUE, 8TH FLOOR			Counsel			
NEW YORK, NY 10003						

Signatures

/s/ Michael I.

Otner 03/01/2013

**Signature of Date
Reporting Person

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).
- Such transaction was executed in multiple trades at prices ranging from \$51.559 to \$51.706. The price reported reflects the weighted

 (1) 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.
- (2) These options are fully vested and exercisable.

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.

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