Spielman Bryan Charles Form 4 September 21, 2011

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

**OMB APPROVAL OMB** 

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Washington, D.C. 20549

3235-0287 Number: January 31,

0.5

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

2005 Estimated average burden hours per

Form 5 obligations may continue. See Instruction

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)

(City)

(Instr. 3)

(Print or Type Responses)

1. Name and Address of Reporting Person \* Spielman Bryan Charles

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

Medidata Solutions, Inc. [MDSO]

(Check all applicable)

C/O MEDIDATA SOLUTIONS.

(First)

(Street)

(State)

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

3. Date of Earliest Transaction

(Month/Day/Year) 09/19/2011

Director 10% Owner \_\_X\_\_ Other (specify Officer (give title below)

below) EVP, Strategy & Corp. Dvpmt.

(Middle)

(Zip)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

NEW YORK, NY 10003

1. Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 6. Ownership Securities Form: Direct Beneficially (D) or Indirect Beneficial Owned (I) Following (Instr. 4)

Reported Transaction(s)

or (Instr. 3 and 4) Code V Amount (D) Price

(A)

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

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SEC 1474 (9-02)

7. Nature of

Ownership (Instr. 4)

Indirect

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

3. Transaction Date 3A. Deemed 1. Title of Derivative (Month/Day/Year) Execution Date, if TransactionDerivative Conversion

5. Number of

6. Date Exercisable and **Expiration Date** 

7. Title and Amount of **Underlying Securities** 

#### Edgar Filing: Spielman Bryan Charles - Form 4

| Security (Instr. 3) | or Exercise<br>Price of<br>Derivative<br>Security |            | any<br>(Month/Day/Year) | Code (Instr. 8) | Securities Acquired (A or Disposed (D) (Instr. 3, 4, and 5) | .)                     | (Month/Day/Year)   |        | (Instr. 3 and 4)                    |  |
|---------------------|---|------------|-------------------------|-----------------|---|------------------------|--------------------|--------|-------------------------------------|--|
|                     |   |            |                         | Code V          | (A) (   | D) Date<br>Exercisable | Expiration<br>Date | Title  | Amount<br>or<br>Number<br>of Shares |  |
| Common<br>Stock     | \$ 16.89  | 09/19/2011 |                         | A               | 80,000  | <u>(1)</u>             | 09/19/2021         | Common | 80,000                              |  |

### **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Spielman Bryan Charles C/O MEDIDATA SOLUTIONS, INC. 79 FIFTH AVENUE, 8TH FLOOR NEW YORK, NY 10003

EVP, Strategy & Corp. Dvpmt.

#### **Signatures**

/s/ Michael I. Otner, Attorney-in-Fact 09/21/2011

\*\*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).
- Option vests as to 25% of the shares on the first anniversary of the date of grant, and, thereafter, 1/36th of the shares underlying the option on the monthly anniversary of the date of grant for each of the next 36 months.
- (2) Granted as compensation for services.

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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