Bergmann Rouven Form 4 February 28, 2019

if no longer

subject to

Section 16.

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

Check this box STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 4 or 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)

(Print or Type Responses)

1. Name and	Address	of Reporting	g Person
Bergmann	Rouver	1	

Symbol Medidata Solutions, Inc. [MDSO]

3. Date of Earliest Transaction

2. Issuer Name and Ticker or Trading

(Month/Day/Year) 02/26/2019

5. Relationship of Reporting Person(s) to Issuer

OMB APPROVAL

10% Owner

Other (specify

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

(Check all applicable)

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

(Street)

(State)

(First)

(Middle)

(Zip)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Chief Financial Officer

Applicable Line)

below)

Director

X_ Officer (give title

Filed(Month/Day/Year) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

NEW YORK, NY 10014

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Form: Direct Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially (D) or Beneficial (Month/Day/Year) (Instr. 8) Owned Indirect (I) Ownership (Instr. 4) Following (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 6,341 F D 02/26/2019 119,780 D (1) Stock 74.15

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)required to respond unless the form displays a currently valid OMB control number.

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

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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. Transactio Code (Instr. 8)	5. DiNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4	t of ying es	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title N	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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

Chief Financial Officer

Signatures

/s/ Michael I. Otner, Attorney-in-Fact

02/28/2019

**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) Shares withheld by Medidata to satisfy the tax withholding obligation in connection with the vesting of previously awarded restricted stock.

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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