

Medidata Solutions, Inc.

Form 8-K

March 15, 2011

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): March 15, 2011

Medidata Solutions, Inc.

(Exact name of registrant as specified in its charter)

Delaware	001-34387	13-4066508
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

79 Fifth Avenue, 8th Floor

New York, New York	10003
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: **(212) 918-1800**

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2 below):

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On March 15, 2011, Medidata Solutions, Inc. issued a press release announcing its financial results for the fourth fiscal quarter and fiscal year ended December 31, 2010. Medidata Solutions, Inc. also posted supplemental and pro forma reconciliation information with respect to its financial results and guidance on the Investors section of its website at www.mdsol.com. A copy of the press release and the supplemental and pro forma reconciliation and guidance information are furnished herewith as Exhibit 99.1 and Exhibit 99.2, respectively, and are incorporated herein by reference.

In accordance with General Instruction B.2 of Form 8-K, the information in this Current Report on Form 8-K, including the exhibits, shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, and shall not be incorporated by reference into any registration statement or other document filed under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits.

99.1 Press release issued by Medidata Solutions, Inc. on March 15, 2011, furnished herewith.

99.2 Supplemental reconciliation and guidance information, dated as of March 15, 2011, furnished herewith.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MEDIDATA SOLUTIONS, INC.

Date: March 15, 2011

By: /s/ MICHAEL I. OTNER

Name: Michael I. Otner

Title: General Counsel and Secretary

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press release issued by Medidata Solutions, Inc. on March 15, 2011, furnished herewith.
99.2	Supplemental reconciliation and guidance information, dated as of March 15, 2011, furnished herewith.