

SOMANETICS CORP  
Form 8-K  
March 17, 2010

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

OMB APPROVAL

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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 March 17, 2010  
event reported)

SOMANETICS CORPORATION

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(Exact name of registrant as specified in its charter)

Michigan (State or other jurisdiction of incorporation)	0-19095 (Commission File Number)	38-2394784 (IRS Employer Identification No.)
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2600 Troy Center Drive, Troy, Michigan (Address of principal executive offices)	48084-4771 (Zip Code)
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Registrant's telephone number, including area (248) 244-1400  
code

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:

- Written communication pursuant to Rule 425 under the Securities Act.
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act.
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act.
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act.
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Item 2.02. Results of Operations and Financial Condition

On March 17, 2010, Somanetics Corporation announced its financial results for the first quarter ended February 28, 2010 and certain other information. A copy of the press release is furnished with this report following the signature page and is incorporated in this Item 2.02 by reference. The information in this report and the attached press release shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, except as shall be expressly stated by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits

Exhibits	Description
99.1	News release dated March 17, 2010

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SIGNATURES

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.

Dated: March 17, 2010

SOMANETICS CORPORATION  
(Registrant)

By: /s/ Mary Ann Victor  
Mary Ann Victor

Its: Vice President, Chief Administrative  
Officer, General Counsel and  
Secretary

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EXHIBIT INDEX

Exhibits	Description
99.1	News release dated March 17, 2010

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