

SOMANETICS CORP  
Form 8-K  
April 03, 2008

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**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) April 3, 2008**

**SOMANETICS CORPORATION**

(Exact name of registrant as specified in its charter)

<b>Michigan</b> (State or other jurisdiction of incorporation)	<b>0-19095</b> (Commission File Number)	<b>38-2394784</b> (IRS Employer Identification No.)
<b>1653 East Maple Road, Troy, Michigan</b>  (Address of principal executive offices)		<b>48083-4208</b>  (Zip Code)

**Registrant's telephone number, including area code (248) 689-3050**

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 8.01. Other Events**

On April 3, 2008, Somanetics Corporation (the Company ) issued a press release, furnished as Exhibit 99.1. In the press release, the Company announced that its Board of Directors has authorized the Company to repurchase up to \$15 million of its Common Shares. The Company expects to fund its repurchase program with existing cash and cash equivalents on hand.

**Item 9.01. Financial Statements and Exhibits**

Exhibits	Description
99.1	News release dated April 3, 2008

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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: April 3, 2008

SOMANETICS CORPORATION

(Registrant)

By: /s/ Mary Ann Victor

Mary Ann Victor

Its: Vice President and Chief Administrative Officer  
and  
Secretary

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EXHIBIT INDEX

Exhibit	Description
99.1	News release dated April 3, 2008