

SOMANETICS CORP  
Form 8-K  
July 01, 2008

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| OMB APPROVAL   |
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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) **July 1, 2008**

**SOMANETICS CORPORATION**

(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.)

**1653 East Maple Road, Troy, Michigan**

(Address of principal executive offices)

**48083-4208**

(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 July 1, 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 increased the limit on the share repurchase program it authorized on April 2, 2008 and extended on May 9, 2008 and authorized the Company to repurchase up to an additional \$15 million of its Common Shares (for a total of \$45 million of its Common Shares). The Company expects to fund its repurchase program with existing cash and cash equivalents on hand. Through June 30, 2008, the Company has spent approximately \$27.7 million to purchase 1,631,329 shares at an average purchase price of \$16.97 per share.

**Item 9.01. Financial Statements and Exhibits**

| Exhibits | Description                     |
|----------|---------------------------------|
| 99.1     | News release dated July 1, 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.

SOMANETICS CORPORATION  
(Registrant)

Dated: July 1, 2008

By: /s/ Mary Ann Victor

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Mary Ann Victor

Its: Vice President and Chief Administrative Officer and Secretary

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EXHIBIT INDEX

Exhibits

Description

99.1

News release dated July 1, 2008