

SOMANETICS CORP  
Form 8-K  
December 18, 2006

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OMB APPROVAL  
OMB Number: 3235-0060  
Expires: April 30, 2009  
Estimated average burden  
hours per response.....  
5.00

**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) December 15, 2006**  
**SOMANETICS CORPORATION**  
(Exact name of registrant as specified in its charter)

**Michigan**

**0-19095**

**38-2394784**

(State or other jurisdiction  
of incorporation)

(Commission  
File Number)

(IRS Employer  
Identification No.)

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

**48083-4208**

(Address of principal executive offices)

(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 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers**

**Bonuses**

On December 15, 2006, our Compensation Committee recommended, and our Board of Directors approved, year-end bonuses for three of our executive officers, under Part B of the Company's 2006 Incentive Compensation Plan, which is described in our Current Report on Form 8-K dated March 24, 2006. Bruce J. Barrett, President and Chief Executive Officer, earned \$58,319.35, William M. Iacona, Chief Financial Officer, earned \$19,559.01, and Mary Ann Victor, Vice President and Chief Administrative Officer, earned \$21,637.08 under Part B of the Plan, based on individual objectives related to net income targets, the completion of the Company's public offering and maintaining compliance with significant regulatory requirements, and the Company's fiscal 2006 net revenues and net income compared to net revenues and net income targets.

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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: December 18, 2006

SOMANETICS CORPORATION

(Registrant)

By: /s/ Mary Ann Victor

Mary Ann Victor

Its: Vice President and Chief  
Administrative Officer and Secretary