

Anderson Arik Allan
Form 4
July 28, 2010

FORM 4

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

Check this box
if no longer
subject to
Section 16.
Form 4 or
Form 5
obligations
may continue.
See Instruction
1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
Anderson Arik Allan

(Last) (First) (Middle)

C/O SOMANETICS
CORPORATION, 2600 TROY
CENTER DRIVE

(Street)

TROY, MI 48084

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
SOMANETICS CORP [SMTS]

3. Date of Earliest Transaction
(Month/Day/Year)
07/27/2010

4. If Amendment, Date Original
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
X Officer (give title below) ____ Other (specify
below)

Sr. VP R & D and Operations

6. Individual or Joint/Group Filing(Check
Applicable Line)
X Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(D)	Price
Common Shares	07/27/2010		U		22,400	D	\$ 25 0

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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information contained in this form are not
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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 18.93	07/27/2010		D	18,000	<u>(1)</u> 11/02/2017	Common Shares	18,000
Employee stock option (right to buy)	\$ 14.77	07/27/2010		D	18,000	<u>(2)</u> 04/23/2019	Common Shares	18,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Anderson Arik Allan C/O SOMANETICS CORPORATION 2600 TROY CENTER DRIVE TROY, MI 48084			Sr. VP R & D and Operations	

Signatures

Arik A.
Anderson

07/28/2010

Signature of
Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

The option vested in five equal annual installments commencing 11/2/08 and the unvested portion of the option became exercisable upon
(1) change of control pursuant to acceptance of the shares in the tender offer pursuant to the agreement and plan of merger between Somanetics and Covidien announced on June 16, 2010

The option vested in five equal annual installments commencing 4/23/10 and the unvested portion of the option became exercisable upon
(2) change of control pursuant to acceptance of the shares in the tender offer pursuant to the agreement and plan of merger between Somanetics and Covidien announced on June 16, 2010

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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