

SMITH INTERNATIONAL INC  
 Form 4  
 December 15, 2005

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 ROCK DOUGLAS L

2. Issuer Name and Ticker or Trading Symbol  
 SMITH INTERNATIONAL INC [SII]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 PO BOX 60068  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
 12/13/2005

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 COB, CEO, President & COO

HOUSTON, TX 77205  
 (City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	12/13/2005		M		\$ 17.36	D	
Common Stock	12/13/2005		S		248,600	D	
Common Stock	12/13/2005		S		\$ 39.81	D	
Common Stock	12/13/2005		S		194,100	D	
Common Stock	12/13/2005		S		\$ 39.82	D	
Common Stock	12/13/2005		S		3,100	D	
Common Stock	12/13/2005		S		\$ 39.83	D	
Common Stock	12/13/2005		S		1,400	D	
Common Stock	12/13/2005		S		1,000	D	

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Common Stock	12/13/2005	S	400	D	\$ 39.86	509,600	D
Common Stock	12/13/2005	S	48,000	D	\$ 39.95	461,600	D
Common Stock	12/13/2005	S	600	D	\$ 40	461,000	D

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

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SEC 1474  
(9-02)

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

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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount Number Shares
Employee Stock Option (right to buy)	\$ 17.36	12/13/2005		M	248,600 (2)	(3)	12/03/2012	Common Stock	248,600 (2)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ROCK DOUGLAS L PO BOX 60068 HOUSTON, TX 77205	X		COB, CEO, President & COO	

## Signatures

Douglas L. Rock  
12/15/2005

\*\*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).
- (1) This option was previously reported as covering 247,000 shares at an exercise price of \$34.73 per share, but was adjusted to reflect the stock split on Aug. 24, 2005.
  - (2) On Aug. 24, 2005, the common stock of Smith International split 2-for-1, resulting in the reporting person's acquisition of 247,000 additional shares of common stock.
  - (3) The option vests in four equal annual installments. The option became exercisable on December 3, 2003, 2004, and 2005.

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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