

DOWNING JOHN  
Form 4  
June 10, 2010

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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 \*  
DOWNING JOHN

2. Issuer Name and Ticker or Trading Symbol  
NETSCOUT SYSTEMS INC  
[NTCT]

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

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)  
06/08/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP of WorldwideSalesOperations

C/O NETSCOUT SYSTEMS,  
INC., 310 LITTLETON ROAD

(Street)

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

WESTFORD, MA 01886

(City) (State) (Zip)

**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 Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------|-----|-------|
|                                 |                                      |                                                    |                                | (A) or (D)                                                        | Code                                                                                | V                                                        | Amount                            | (D) | Price |

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 | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Securities | 8. I |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|-----------------------------------------|----------------------------------------------|------|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|-----------------------------------------|----------------------------------------------|------|

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| Security (Instr. 3)   | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year) | (Instr. 3 and 4) | Sec (In         |              |                            |
|-----------------------|------------------------------------------|----------------------|-----------------|-----------------------------------------------------------------|------------------|------------------|-----------------|--------------|----------------------------|
|                       |                                          |                      | Code V          | (A)                                                             | (D)              | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares |
| Restricted Stock Unit | (1)                                      | 06/08/2010           | A               | 34,003                                                          |                  | (2)              | (3)             | Common Stock | 34,003                     |

## Reporting Owners

| Reporting Owner Name / Address                                                         | Relationships |           |                                |       |
|----------------------------------------------------------------------------------------|---------------|-----------|--------------------------------|-------|
|                                                                                        | Director      | 10% Owner | Officer                        | Other |
| DOWNING JOHN<br>C/O NETSCOUT SYSTEMS, INC.<br>310 LITTLETON ROAD<br>WESTFORD, MA 01886 |               |           | VP of WorldwideSalesOperations |       |

## Signatures

/s/ John Downing  
06/10/2010  
Date

\*\*Signature of Reporting Person

## 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) Price is N/A.
- (2) The restricted stock units vest in four equal annual installments beginning on June 8, 2011.
- (3) Date is N/A.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.