

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

| OMB APPROVAL                                 |           |
|--|-----------|
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|   |  |  |   |
|---|--|--|---|
| 1. Name and Address of Reporting Person*<br><u>Vishwanathan Kumar</u><br><br>(Last) (First) (Middle)<br><u>C/O SONUS NETWORKS, INC.</u><br><u>7 TECHNOLOGY PARK DRIVE</u><br><br>(Street)<br><u>WESTFORD MA 01886</u><br><br>(City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year)<br><u>04/22/2010</u> | 3. Issuer Name and Ticker or Trading Symbol<br><u>SONUS NETWORKS INC [ SONUS ]</u>   |   |
|   |  | 4. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br>Director _____ 10% Owner _____<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>VP, Eng. &amp; Chief Architect</u> | 5. If Amendment, Date of Original Filed (Month/Day/Year)<br><br>6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| <u>Common Stock</u>             | <u>90,513</u>   | <u>D</u>   |   |

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

| 1. Title of Derivative Security (Instr. 4)  | 2. Date Exercisable and Expiration Date (Month/Day/Year) |                   | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---|--|-------------------|---|--|--|---|
|   | Date Exercisable   | Expiration Date   |   |  |  |   |
| <u>Employee Stock Option (right to buy)</u> | <u>(1)</u>   | <u>08/17/2019</u> | <u>Common Stock</u>   | <u>150,000</u>   | <u>1.74</u>  | <u>D</u>  |

**Explanation of Responses:**

1. 25% of the shares underlying this option vests on August 3, 2010. The remaining 75% of the shares underlying this option will then vest in equal monthly increments for the following 36 months through August 3, 2013.

**Remarks:**

Kumar Vishwanathan                      04/29/2010  
 \*\* Signature of Reporting Person                      Date

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

\* If the form is filed by more than one reporting person, see Instruction 5 (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).

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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