

**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

October 7, 2008

Date of Report (Date of earliest event reported)

SONUS NETWORKS, INC.

(Exact Name of Registrant as Specified in its Charter)

DELAWARE

(State or Other Jurisdiction
of Incorporation)

000-30229

(Commission File Number)

04-3387074

(IRS Employer
Identification No.)

7 TECHNOLOGY PARK DRIVE, WESTFORD, MASSACHUSETTS 01886

(Address of Principal Executive Offices) (Zip Code)

(978) 614-8100

(Registrant's telephone number, including area code)

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 (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

The information in this Current Report on Form 8-K and the exhibit attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 2.02. Results of Operations and Financial Condition.

On October 7, 2008, Sonus Networks, Inc. issued a press release reporting certain financial results for the quarter ended September 30, 2008. A copy of the press release is furnished as Exhibit 99.1 hereto.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

The following exhibit relating to Item 2.02 shall be deemed to be furnished, and not filed:

99.1 Press release of Sonus Networks, Inc. dated October 7, 2008 reporting certain financial information for the quarter ended September 30, 2008.

SIGNATURE

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.

Date: October 7, 2008

SONUS NETWORKS, INC.

By: /s/ Richard J. Gaynor
Richard J. Gaynor

Exhibit Index

99.1 Press release of Sonus Networks, Inc. dated October 7, 2008 reporting certain financial results for the quarter ended September 30, 2008.



FOR IMMEDIATE RELEASE

For more information, please contact:

Media Relations
 Lucy Millington
 978-614-8240
 lmillington@sonusnet.com

Investor Relations
 Karin Cellupica
 978-614-8615
 kcellupica@sonusnet.com

SONUS NETWORKS ANNOUNCES PRELIMINARY FINANCIAL RESULTS

FOR THIRD QUARTER 2008

WESTFORD, MA, October 7, 2008 - Sonus Networks (Nasdaq: SONS), a market leader in IP communications infrastructure, today announced that based on its review to date, the Company expects to report a significant decrease in year-over-year revenue for the quarter ended September 30, 2008. The Company further expects that its year-over-year revenue for the full year 2008 will decrease from the full year 2007.

The Company continues to maintain a solid financial base, ending the third quarter with no debt and with cash, cash equivalents, marketable securities and long-term investments totaling more than \$400 million, up from approximately \$398 million at the end of the second quarter 2008.

“We are disappointed with our expected revenue for the third quarter and the second half of 2008,” said Richard Nottenburg, president and CEO of Sonus Networks. “Our business experienced weakness toward the end of the quarter, due to several factors including the challenging environment. We expect this to continue for the foreseeable future.”

The Company will provide additional financial details for the three and nine months ended September 30, 2008 in its quarterly earnings release and conference call, scheduled for November 6, 2008. Information regarding the conference call details will be provided at a later date.

About Sonus Networks

Sonus Networks, Inc. is a market leader in IP communications infrastructure for wireline and wireless service providers. With its comprehensive IP Multimedia Subsystem (IMS) solution, Sonus addresses the full range of carrier applications, including residential and business voice services, wireless voice and multimedia, trunking and tandem switching, carrier interconnection and enhanced services. Sonus’ voice infrastructure solutions are deployed in service provider networks worldwide. Founded in 1997, Sonus is headquartered in Westford, Massachusetts. Additional information on Sonus is available at <http://www.sonusnet.com>.

This release may contain forward-looking statements regarding future events that involve risks and uncertainties. Readers are cautioned that these forward-looking statements are only predictions and may differ materially from actual future events or results. Readers are referred to Item 1A “Risk Factors” of Sonus’ Quarterly Report on Form 10-Q for the period ended June 30, 2008, filed with the SEC, which identifies important risk factors that could cause actual results to differ from those contained in the forward-looking statements. Risk factors include among others: the impact of material weaknesses in our disclosure controls and procedures and our internal control over financial reporting on our ability to report our financial results timely and accurately; the unpredictability of our quarterly financial results; risks and uncertainties associated with the Company’s restatement of its historical stock option granting practices and accounting including regulatory actions; actions that may be taken by significant shareholders; risks associated with our international expansion; and the impact the current global financial market conditions may have on the telecommunications industry. Any forward-looking statements represent Sonus’ views only as of today and should not be relied upon as representing Sonus’ views as of any subsequent date. While Sonus may elect to update forward-looking statements at some point, Sonus specifically disclaims any obligation to do so, except as required by law.

Sonus is a registered trademark of Sonus Networks, Inc. All other company and product names may be trademarks of the respective companies with which they are associated.
