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

July 30, 2009 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):

o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o 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"), otherwise subject to the liabilities of that Section 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 July 30, 2009, Sonus Networks, Inc. issued a press release reporting financial results for the quarter ended June 30, 2009. 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 July 30, 2009 reporting its financial results for the quarter ended June 30, 2009.

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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.

SONUS NETWORKS, INC.

By:

/s/ Richard J. Gaynor Richard J. Gaynor Chief Financial Officer

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Exhibit Index

99.1 Press release of Sonus Networks, Inc. dated July 30, 2009 reporting its financial results for the quarter ended June 30, 2009.

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SONUS NETWORKS REPORTS SECOND QUARTER 2009 FINANCIAL RESULTS

WESTFORD, Mass., July 30, 2009 - Sonus Networks, Inc. (Nasdaq: SONS), providing network transformation through IP communications technology, today announced results for the second quarter ended June 30, 2009.

Revenue for the second quarter of fiscal 2009 was \$61.6 million, compared to \$41.0 million in the first quarter of fiscal 2009 and revenue from continuing operations of \$87.8 million for the second quarter of fiscal 2008. The Company's net income on a GAAP basis was \$4.4 million, or \$0.02 per share, for the second quarter of 2009, compared to a loss of \$16.2 million, or \$0.06 per share, for the first quarter of 2009, and income from continuing operations of \$3.3 million, or \$0.01 per share, for the second quarter of 2008. The Company ended the quarter with cash, cash equivalents, marketable securities and investments totaling \$387.4 million.

"We made progress in the second quarter," said Richard Nottenburg, president and chief executive officer of Sonus Networks. "The cost and realignment actions we initiated in the second half of 2008, combined with improving efficiency in our operations, helped us achieve profitability in the second quarter. While there is still much to do, we are laying the groundwork for positive operating leverage once we return to a more normal economic environment. We believe the strength of our balance sheet provides us with the stability and resources we need to achieve our plan."

Conference Call Details:

Sonus Networks will host a conference call for analysts and investors to discuss its second quarter 2009 results today at 10:00 a.m. ET.

To listen live via telephone:

Dial-in number: 800-895-5087 International Callers: +1 303-223-0116

To listen via internet:

Sonus will host a live webcast of the conference call. To access the webcast, visit www.sonusnet.com, About Us, Investor Relations.

Replay:

A telephone playback of the call will be available following the conference and can be accessed by calling 800-633-8284 or for international callers, please call +1 402-977-9140. The reservation number for the replay is 21431767, and will be available until August 13, 2009.

A replay of the webcast will be also available on the Sonus Networks Investor Relations website. To access the replay of the webcast, visit www.sonusnet.com, About Us, Investor Relations, Webcast Archive.

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About Sonus Networks

Sonus Networks, Inc., providing network transformation through IP communications technology, is leading the evolution of communications networks to support the multi-media, multi-device demands of today's digital lifestyle. Sonus solutions and services enable fixed, mobile and cable operators to gain network awareness and new multi-media capabilities essential to retaining and expanding their subscriber base. Through standards-based interoperable solutions and services, Sonus extends the investments made in traditional networks by enabling operators to seamlessly migrate to next generation technology and deliver the secure, reliable, scalable and cost-effective network needed to grow their business. For more information visit www.sonusnet.com.

This release may contain forward-looking statements regarding future events that involve risks and uncertainties. Readers are cautioned that these forwardlooking statements are only predictions and may differ materially from actual future events or results. For a discussion of the risks and uncertainties which could cause actual results to differ from those contained in the forward-looking statements, see "Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended December 31, 2008 and Quarterly Report on Form 10-Q for the quarter ended March 31, 2009 and the upcoming Quarterly Report on Form 10-Q for the quarter ended June 30, 2009. Risk factors include, among others: our ability to align our cost structure with market conditions, our internal control over financial reporting and 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 previous restatement of its historical stock option granting practices and accounting, including regulatory actions; actions that may be taken by significant shareholders; risks associated with the right-sizing and re-alignment of our business; 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.

For more information, please contact:

SONUS NETWORKS, INC. Condensed Consolidated Statements of Operations (in thousands, except per share data) (unaudited)

	June 30, 2009			e months ended March 31, 2009		June 30, 2008		
Revenue:						1000		
Product	\$	36,320	\$	19,403	\$	62,329		
Service		25,287		21,609		25,461		
Total revenue		61,607		41,012		87,790		
Cost of revenue:								
Product		10,747		6,134		18,337		
Service		10,568		11,663		11,305		
Total cost of revenue		21,315		17,797		29,642		
Gross profit		40,292		23,215		58,148		
Gross profit %								
Product		70.4%		68.4%		70.6%		
Service		58.2%		46.0%		55.6%		
Total gross profit %		65.4%		56.6%		66.2%		
Operating expenses:								
Research and development		15,501		16,353		18,379		
Sales and marketing		12,344		12,147		19,234		
General and administrative		10,186		10,495		13,035		
Restructuring		(7)		1,984				
Total operating expenses		38,024		40,979		50,648		
Income (loss) from operations		2,268		(17,764)		7,500		
Interest expense		8		(79)		(32)		
Interest income		1,077		1,649		3,234		
Other income (expense), net		19		(7)		6		
Income (loss) from continuing operations before income taxes		3,372		(16,201)		10,708		
Income tax (provision) benefit		1,011		(26)		(7,395)		
Income (loss) from continuing operations		4,383		(16,227)		3,313		
Loss from discontinued operations, net of tax		-,505		(10,227)		(3,349)		
Loss from discontinued operations, net of dix						(3,343)		
Net income (loss)	\$	4,383	\$	(16,227)	\$	(36)		
Earnings (loss) per share:								
Basic								
Continuing operations	\$	0.02	\$	(0.06)	\$	0.01		
Discontinued operations				_		(0.01)		
	\$	0.02	\$	(0.06)	\$	_		
Diluted								
Continuing operations	\$	0.02	\$	(0.06)	\$	0.01		
Discontinued operations	φ	0.02	Ψ	(0.00)	Ψ	(0.01)		
Discontinueu operations	\$	0.02	\$	(0.06)	\$	(0.01)		
					_			
Shares used to compute earnings (loss) per share:								
Basic		273,543		273,095		271,150		
Diluted		273,768		273,095		273,710		

(in thousands, except per share data) (unaudited)

	Six	Six months ended			
	June 30, 2009		June 30, 2008		
Revenue:		_			
Product	\$ 55,		113,035		
Service	46,		48,382		
Total revenue	102,	519	161,417		
Cost of revenue:					
Product	16,	81	35,000		
Service	22,		22,395		
Total cost of revenue			57,395		
	59,	.12	57,555		
Gross profit	63,	07	104,022		
Gross profit %					
Product	f	9.7%	69.0%		
Service		2.6%	53.7%		
Total gross profit %		1.9%	64.4%		
Operating expenses:			20.004		
Research and development	31,1		38,861		
Sales and marketing	24,		37,892		
General and administrative	20,0		23,029		
Restructuring)77			
Total operating expenses	79,	03	99,782		
Loss from operations	(15,-	196)	4,240		
Interest expense		(71)	(53)		
Interest income		726	7,200		
	۷,		385		
Other income (net)		12	385		
Income (loss) from continuing operations before income taxes	(12,	329)	11,772		
Income tax (provision) benefit		985	(7,731)		
Income (loss) from continuing operations	(11,	644)	4,041		
Loss from discontinued operations, net of tax			(3,745)		
Net income (loss)	\$ (11,	344) \$	296		
Earnings (loss) per share:					
Basic		0.4) (0.01		
Continuing operations	\$ (0	.04) \$	0.01		
Discontinued operations	<u>+</u> (0	<u> </u>	(0.01)		
	\$ (0	.04) \$			
Diluted					
Continuing operations	\$ (0	.04) \$	0.01		
Discontinued operations	÷ (5		(0.01)		
Discontinucu operations	\$ (0	.04) \$			
	<u> </u>				
Shares used to compute earnings (loss) per share:					
Basic	273,	320	270,870		
Diluted	273,		272,422		

SONUS NETWORKS, INC. Condensed Consolidated Balance Sheets (in thousands) (unaudited)

	June 30, 2009		December 31, 2008
Assets			
Current assets:			
Cash and cash equivalents	\$ 214,075	\$	122,207
Marketable securities	144,035		180,786
Accounts receivable, net	37,780		75,788
Inventory, net	25,100		22,553
Deferred income taxes	139		111
Litigation settlement escrow	9,500		_

Other current assets	18,238		14,937
Total current assets	448,867		416,382
Property and equipment, net	16,909		17,852
Intangible assets, net	417		568
Goodwill	5,034		5,025
Investments	29,301		84,965
Deferred income taxes	1,776		1,611
Other assets	21,633		9,182
	\$ 523,937	\$	535,585
Liabilities and stockholders' equity			
Current liabilities:			
Accounts payable	\$ 11,007	\$	9,200
Accrued expenses	17,337		28,231
Accrued litigation settlements	9,500		9,600
Current portion of deferred revenue	49,840		40,962
Current portion of long-term liabilities	1,196		1,301
Total current liabilities	88,880		89,294
Deferred revenue	32,693		37,991
Long-term liabilities	1,393		1,865
Total liabilities	122,966		129,150
Commitments and contingencies			
Stockholders equity:			
Common stock	276		275
Additional paid-in capital	1,279,948		1,272,952
Accumulated deficit	(885,722))	(873,878)
Accumulated other comprehensive income	6,736		7,353
Treasury stock	(267)		(267)
Total stockholders' equity	400,971		406,435
	\$ 523,937	\$	535,585
			· ·

SONUS NETWORKS, INC. Condensed Consolidated Statements of Cash Flows (in thousands) (unaudited)

	Six months ended June 30,					
		2009		2008		
Cash flows from operating activities:						
Net income (loss)	\$	(11,844)	\$	296		
Adjustments to reconcile net income (loss) to cash flows provided by (used in) operating activities:						
Depreciation and amortization of property and equipment		5,004		6,366		
Amortization of intangible assets		153		534		
Stock-based compensation		6,750		14,035		
Impairment of intangible assets and goodwill		—		3,630		
Loss on disposal of property and equipment		15				
Deferred income taxes		(208)		7,390		
Changes in operating assets and liabilities:						
Accounts receivable		37,714		6,112		
Inventory		(5,204)		(2,428)		
Insurance receivable - litigation settlement				15,328		
Other operating assets		(13,472)		2,806		
Accounts payable		1,204		(6,312)		
Accrued expenses and deferred rent		(11,275)		(15,499)		
Litigation settlement liability		(100)		(40,000)		
Deferred revenue		3,645		(5,473)		
Net cash provided by (used in) operating activities		12,382		(13,215)		
Cash flows from investing activities:						
Purchases of property and equipment		(3,352)		(4,360)		
Business acquisition, net of cash acquired		_		(4,996)		
Purchases of marketable securities		(61,926)		(169,837)		
Sale/maturities of marketable securities		153,738		189,912		
Decrease (increase) in litigation settlement escrow		(9,500)		25,000		
Net cash provided by investing activities		78,960		35,719		
Cash flows from financing activities:						
Sale of common stock in connection with employee stock purchase plan		529		2,213		

Proceeds from exercise of stock options	1	413
Payment of tax withholding obligations related to net share settlements of restricted stock awards	(287)	(95)
Principal payments of capital lease obligations	(124)	(106)
Net cash provided by financing activities	119	2,425
Effect of exchange rate changes on cash and cash equivalents	407	(132)
Net increase in cash and cash equivalents	91,868	24,797
Cash and cash equivalents, beginning of period	122,207	118,933
Cash and cash equivalents, end of period	\$ 214,075	\$ 143,730

SONUS NETWORKS, INC. Supplemental Information (In thousands) (unaudited)

The following tables provide the details of stock-based compensation, amortization of intangible assets and a change in estimate of a loss contingency related to an employment tax audit included in the Company's Condensed Consolidated Statements of Operations and the line items in which these amounts are reported. Additional information regarding these items is available in the Investor Relations section of our Corporate page at http://www.sonusnet.com. The information contained on our website or that can be accessed through our website should not be considered to be part of, or incorporated into, this press release.

	Three months ended				Six months ended				
		une 30, 2009	М	arch 31, 2009	une 30, 2008	J	une 30, 2009		June 30, 2008
Stock-based compensation									
Cost of revenue - product	\$	115	\$	116	\$ 183	\$	231	\$	388
Cost of revenue - service		387		465	508		852		1,712
Cost of revenue		502		581	 691		1,083		2,100
Research and development expense		1,102		767	1,517		1,869		5,335
Sales and marketing expense		1,490		1,044	1,152		2,534		3,181
General and administrative expense		616		648	1,986		1,264		3,332
Operating expense		3,208		2,459	 4,655		5,667		11,848
Total stock-based compensation	\$	3,710	\$	3,040	\$ 5,346	\$	6,750	\$	13,948
Amortization of intangible assets									
Cost of revenue - product	\$	48	\$	96	\$ 261	\$	144	\$	310
Sales and marketing expense				—	62				62
Total amortization of intangible assets	\$	48	\$	96	\$ 323	\$	144	\$	372
Change in estimate - reduction of loss contingency related to employment tax audit (1)									
Cost of revenue - product	\$		\$		\$ 	\$		\$	(7)
Research and development expense		_		_	_		_		(51)
Sales and marketing expense					_				(96)
General and administrative expense					 				(387)
Operating expense					 				(534)
Other income (expense)					 				379
Total change in estimate - reduction of loss contingency related to employment tax audit	\$								(920)

(1) Change in estimate resulting in a reduction of the loss contingency related to the settlement of an employment tax audit by the Internal Revenue Service that had resulted from the stock option review and subsequent restatement.