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

November 6, 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 November 6, 2008, Sonus Networks, Inc. issued a press release reporting 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 November 6, 2008 reporting financial results for the quarter ended September 30, 2008.

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: November 6, 2008 SONUS NETWORKS, INC.
By:
/s/ Richard J. Gaynor
Richard J. Gaynor
Chief Financial Officer
3

99.1 Press release of Sonus Networks, Inc. dated November 6, 2008 reporting financial results for the quarter ended September 30, 2008.

4



FOR IMMEDIATE RELEASE

For more information, please contact:

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SONUS NETWORKS REPORTS THIRD QUARTER 2008 FINANCIAL RESULTS

Revenue: Net loss: Cash and investments: \$62.2 million, down 18% from Q3 2007 \$19.6 million (GAAP); \$1.9 million (non-GAAP) \$404.7 million at the end of Q3 2008

WESTFORD, Mass., November 6, 2008 – Sonus Networks, Inc. (Nasdaq: SONS), a market leader in IP communications infrastructure, today reported financial results for the third quarter ended September 30, 2008.

Revenue from continuing operations for the third quarter of fiscal 2008 was \$62.2 million, compared to \$87.8 million in the second quarter of fiscal 2008 and \$75.8 million for the third quarter of fiscal 2007, a decrease of 18% year over year. The Company's loss from continuing operations on a GAAP basis was \$19.0 million, or \$0.07 per share, for the third quarter of 2008, compared to GAAP income from continuing operations of \$3.5 million, or \$0.01 per diluted share, for the second quarter of 2008, and a GAAP loss from continuing operations of \$26.6 million, or \$0.10 per share, for the third quarter of 2007.

Revenue from continuing operations for the first nine months of fiscal 2008 was \$223.6 million, compared to \$222.3 million in the first nine months of fiscal 2007, an increase of \$1.3 million year over year. The Company's loss from continuing

operations on a GAAP basis was \$14.6 million, or \$0.05 per share, compared to a GAAP loss from continuing operations of \$37.3 million, or \$0.14 per share, for the first nine months of fiscal 2007.

"We had a challenging quarter, and are disappointed with our results," said Richard Nottenburg, president and CEO of Sonus Networks. "We experienced a downturn during September that impacted our revenue and earnings performance. We have maintained a strong cash position and a stable financial platform which allow us to focus on managing the business through the current economic climate."

Business Update:

Zynetix: In the third quarter of 2008, the Company committed to a plan to sell its Zynetix subsidiary and is currently in negotiations regarding the sale of the subsidiary. The Company will continue to own and sell the Sonus mobilEdgeTM wireless solution. In reporting the Company's third quarter results, the Zynetix business has been reclassified and reported as discontinued operations in the statements of operations for all periods presented.

Third Quarter Customer Highlights

Telenet: Telenet, a leading provider of media and telecommunications services and the largest cable operator in Belgium, will use Sonus technology to offer businesses across the country secure and reliable access to next generation IP voice services. Telenet will extend the services of its broadband network to provide Belgian enterprises with a new and cost- effective option to receive their office telephone services.

Interoute: Interoute is working with Sonus to increase the capacity of Interoute's Virtual Voice Network in Western Europe, Eastern Europe, the Middle East and the United States. Interoute has implemented Sonus' IMS-compliant technology in over eight European countries and has recently deployed the technology in New York, with further expansion plans underway for 2009.

Conference Call Details:

Sonus Networks will host a conference call for analysts and investors to discuss its third quarter 2008 results today at 8.00 a.m. ET.

To listen via telephone:

Dial-in number: 800-763-5654 International Callers: +1 212-231-2901

To listen via the Internet:

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

Sonus believes that the presentation of non-GAAP financial information, when shown in conjunction with the corresponding GAAP measures, provides important supplemental information to management and investors regarding financial and business trends relating to the Company's financial condition and results of operations. The Company's results include stock-based compensation and related expenses, amortization of intangible assets, the reduction of a loss contingency related to an employment tax audit, 409A excise tax adjustments, the earnout settlement related to the acquisition of Zynetix, stock option review costs, litigation settlements and the results of discontinued operations. The amount of each item included in our financial statements and not separately reported is available in the "Supplemental Information" schedule attached. On a pre-tax basis, with the exception of discontinued operations which is presented net of tax, these amounts totaled \$26.1 million of expense in the third quarter of 2008, \$8.6 million in the second quarter of 2008 and \$51.2 million in the third quarter of 2007. Excluding these items, the non-GAAP net loss for the third quarter of 2008 was \$1.9 million, or \$0.01 per share, compared to non-GAAP net income of \$6.1 million, or \$0.02 per diluted share for the second quarter of 2008 and non-GAAP net income of \$5.3 million, or \$0.02 per diluted share, for the third quarter of 2008 and non-GAAP net income of \$5.3 million, or \$0.02 per diluted share, for the third quarter of 2008 and non-GAAP net income of \$5.3 million, or \$0.02 per diluted share, for the third quarter of 2008 and non-GAAP net income of \$5.3 million, or \$0.02 per diluted share, for the third quarter of 2007.

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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. 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, 2007, and all subsequent Quarterly Reports on Form 10-Q. 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.

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

			Thre	e months ended		
	Sep	2008 2008		June 30, 2008	Sep	otember 30, 2007
Revenue:						
Product	\$	36,710	\$	62,329	\$	54,485
Service		25,474		25,461		21,285
Total revenue		62,184		87,790		75,770
Cost of revenue:						
Product		11,600		18,319		21,126
Service		11,396		11,251		9,279
Total cost of revenue		22,996		29,570		30,405
Gross profit		39,188		58,220		45,365
Gross profit %						
Product		68.4%		70.6%		61.2%
Service		55.3%		55.8%		56.4%
Total gross profit %		63.0%		66.3%		59.9%
Operating expenses:						
Research and development		17,885		18,231		21,008
Sales and marketing		17,169		19,088		19,330
General and administrative		21,507		12,983		14,118
Litigation settlements		19,100		_		40,000
Total operating expenses		75,661		50,302		94,456
Income (loss) from operations		(36,473)		7,918		(49,091)

T	(20.4)	(22)	(10)
Interest expense	(204)	(32)	(40)
Interest income	2,897	3,234	4,478
Other income	 2	 6	 2,024
Income (loss) from continuing operations before income taxes	(33,778)	11,126	(42,629)
Income tax benefit (provision)	14,759	(7,651)	16,003
Income (loss) from continuing operations	(19,019)	 3,475	 (26,626)
Loss from discontinued operations, net of tax	(563)	(3,349)	(146)
Net income (loss)	\$ (19,582)	\$ 126	\$ (26,772)
Net income (loss) per share:			
Basic			
Income (loss) from continuing operations	\$ (0.07)	\$ 0.01	\$ (0.10)
Loss from discontinued operations		(0.01)	_
Net income (loss)	\$ (0.07)	\$ 0.00	\$ (0.10)
Diluted			
Income (loss) from continuing operations	\$ (0.07)	\$ 0.01	\$ (0.10)
Loss from discontinued operations	_	(0.01)	_
Net income (loss)	\$ (0.07)	\$ 0.00	\$ (0.10)
Shares used in computing net income (loss) per share:			
Basic	271,619	271,150	262,913
Diluted	271,619	273,710	262,913

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

	Nine mon Septem			
	 2008		2007	
Revenue:		<i>*</i>		
Product	\$ 149,745	\$	158,283	
Service	73,856		64,037	
Total revenue	 223,601		222,320	
Cost of revenue:				
Product	46,563		61,661	
Service	33,681		27,421	
Total cost of revenue	80,244		89,082	
Gross profit	 143,357		133,238	
Gross profit %				
Product	68.9%		61.09	
Service	54.4%		57.29	
Total gross profit %	64.1%		59.99	
Operating expenses:				
Research and development	56,443		61,826	
Sales and marketing	54,762		63,444	
General and administrative	44,430		42,316	
Litigation settlements	19,100		40,000	
Total operating expenses	174,735		207,586	
Loss from operations	(31,378)		(74,348)	
Interest expense	(257)		(120)	
Interest income	10,097		13,622	
Other income	 387		1,088	
Loss from continuing operations before income taxes	(21,151)		(59,758)	
Income tax benefit	6,569		22,508	
Loss from continuing operations	 (14,582)		(37,250)	
Loss from discontinued operations, net of tax	(4,308)		(476)	
Net loss	\$ (18,890)	\$	(37,726)	
Net loss per share:				
Basic		*		
Loss from continuing operations	\$ (0.05)	\$	(0.14)	
Loss from discontinued operations	(0.02)			

Net loss	<u>\$</u>	(0.07)	\$ (0.14)
Diluted			
Loss from continuing operations	\$	(0.05)	\$ (0.14)
Loss from discontinued operations		(0.02)	
Net loss	\$	(0.07)	\$ (0.14)
Shares used in computing net loss per share:			
Basic		271,121	260,834
Diluted		271,121	260,834

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

	September 30, 2008		December 31, 2007		
Assets					
Current assets:					
Cash and cash equivalents	\$ 113,132	\$	118,933		
Marketable securities	204,600		207,088		
Accounts receivable, net	42,781		84,951		
Inventory, net	49,109		45,560		
Deferred income taxes	22,845		30,683		
Litigation settlement escrow			25,000		
Insurance receivable - litigation settlement			15,328		
Other current assets	20,425		18,842		
Total current assets	452,892		546,385		
Property and equipment, net	18,023		18,459		
Intangible assets, net	3,784		2,607		
Goodwill	6,247		8,397		
Investments	86,986		66,568		
Deferred income taxes	64,075		49,296		
Other assets	6,793		2,338		
	\$ 638,800	\$	694,050		
Liabilities and stockholders' equity					
Current liabilities:					
Accounts payable	\$ 14,937	\$	17,379		
Accrued expenses	26,860		39,980		
Accrued litigation settlements	9,600		40,000		
Current portion of deferred revenue	73,295		82,743		
Current portion of long-term liabilities	946		1,079		
Total current liabilities	 125,638		181,181		
Deferred revenue	15,229		16,462		
Deferred income taxes	259		760		
Long-term liabilities	2,240		2,061		
Total liabilities	143,366		200,464		
Commitments and contingencies					
Stockholders equity:					
Common stock	275		273		
Additional paid-in capital	 1,264,746		1,244,232		
Accumulated deficit	(770,810)		(751,920)		
Accumulated other comprehensive income	1,490		1,268		
Treasury stock	(267)		(267)		
Total stockholders' equity	495,434		493,586		
· · · · · ·	\$ 638,800	\$	694,050		

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

> Nine months ended September 30,

	 2008		2007		
Cash flows from operating activities:					
Net loss	\$ (18,890)	\$	(37,726)		
Adjustments to reconcile net loss to cash flows provided by operating activities:					
Depreciation and amortization of property and equipment	9,273		9,994		
Amortization of intangible assets	852		284		
Stock-based compensation	17,688		35,115		
Impairment of intangible assets and goodwill	3,630				
Deferred income taxes	(7,100)		(17,152)		
Decrease in fair value of modified stock options held by former employees			(1,088)		
Loss on disposal of property and equipment	157		12		
Changes in operating assets and liabilities:	10,001		(1 = 1 =)		
Accounts receivable	42,631		(1,512)		
Inventory	(7,828)		(8,991)		
Insurance receivable - litigation settlement	15,328				
Other operating assets	3,189		(3,620)		
Accounts payable	(4,107)		1,869		
Accrued expenses, deferred rent and accrued restructuring expenses	(16,016)		(12,565)		
Litigation settlement liability	(30,400)		40,000		
Deferred revenue	 (11,350)		(2,253)		
Net cash provided by (used in) operating activities	 (2,943)		2,367		
Cash flows from investing activities:					
Purchases of property and equipment	(6,968)		(8,955)		
Business acquisitions, net of cash acquired	(4,909)		(8,825)		
Purchases of available-for-sale marketable securities	(156,866)		(67,958)		
Sale/maturities of available-for-sale marketable securities	133,825		70,358		
Purchases of held-to-maturity marketable securities	(123,851)		(249,126)		
Maturities of held-to-maturity marketable securities	128,215		277,704		
Decrease in litigation settlement escrow	25,000		_		
Decrease in restricted cash			261		
Net cash provided by (used in) investing activities	 (5,554)		13,459		
Cash flows from financing activities:					
Sale of common stock in connection with employee stock purchase plan	3,756		5.613		
Proceeds from exercise of stock options	425		26,183		
Repayment of notes payable to Zynetix Limited former shareholders			(335)		
Payment of tax withholding obligations related to net share settlements of restricted stock awards	(1,236)		(399)		
Principal payments of capital lease obligations	(166)		(148)		
Net cash provided by financing activities	2,779		30,914		
Effect of exchange rate changes on cash and cash equivalents	 (83)		999		
Net increase (decrease) in cash and cash equivalents	(5,801)		47,739		
Cash and cash equivalents, beginning of period	118,933		44,206		
Cash and cash equivalents, end of period	113,132		,		

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

The following tables provide the details of stock-based compensation, stock option review costs, amortization of intangible assets, a change in estimate of a loss contingency related to an employment tax audit, 409A excise tax adjustments, the Zynetix earnout settlement and stock-based compensation-related expense 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						Nine months ended			
	September 30, 2008			June 30, 2008	September 30, 2007		September 30, 2008		Sep	tember 30, 2007
Stock-based compensation										
Cost of revenue - product	\$	152	\$	165	\$	306	\$	503	\$	584
Cost of revenue - service		426		454		1,265		2,028		2,870
Cost of revenue		578		619		1,571		2,531		3,454
Research and development expense		1,018		1,369		4,064		6,050		13,743
Sales and marketing expense		636		1,006		3,476		3,518		12,688
General and administrative expense		2,223		1,934		2,450		5,449		5,141
Operating expense		3,877		4,309		9,990		15,017		31,572
Total stock-based compensation	\$	4,455	\$	4,928	\$	11,561	\$	17,548	\$	35,026

Stock option review costs								
General and administrative expense	\$		\$		\$	1,078	\$ 	\$ 9,101
Amortization of intangible assets								
Cost of revenue - product	\$	263	\$	261	\$	49	\$ 573	\$ 98
Sales and marketing expense		55		62			 117	
Total amortization of intangible assets	\$	318	\$	323	\$	49	\$ 690	\$ 98
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)	\$
contingency related to employment tax addit	Ψ		<u> </u>		Ψ		 (020)	
409A excise tax adjustments (2)								
Cost of revenue - product	\$		\$		\$	29	\$ 	\$ 29
Research and development expense						242		242
Sales and marketing expense						92		92
General and administrative expense				_		12	_	12
Operating expense						346	 	 346
Operating expense						340	 	 340
Total 409A excise tax adjustments	\$		\$		\$	375	\$ <u> </u>	\$ 375
Earnout settlement - Zynetix (3)								
General and administrative expense	\$	1,685	\$		\$		\$ 1,685	\$
Stock-based compensation-related expense (4)								
Other income (expense), net	\$		\$		\$	2,024	\$ 	\$ 1,088

(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.

(2) Expense for reimbursing former employees the 409A tax on remeasured options and the income tax related to this reimbursement.

(3) Expense for the settlement of the earnout agreement with the former owners of Zynetix.

(4) Expense for stock options modified and subsequently treated as derivative instruments, which are marked to market at each interim reporting date, resulting from the stock option review and subsequent restatement.