

PRESS RELEASE**Corporate Contacts:**

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RADVISION REPORTS FIRST QUARTER 2010 RESULTS

- Revenues of \$20.8 Million include Initial Endpoint Sales -

**- GAAP Net Loss of \$0.22 per Diluted Share includes \$0.14 of One-Time Acquisition-Related Expenses -
- Non-GAAP Net Loss is \$0.03 per Diluted Share, in Line with Company Forecast -**

TEL AVIV, April 28, 2010 -- RADVISION® (Nasdaq: RVSN) reported today that revenues for the first quarter of 2010 were \$20.8 million, an increase of 13% from the first quarter of 2009 and above forecast.

The operating loss for the first quarter of 2010 was \$4.3 million and the net loss was \$4.4 million, or \$0.22 per diluted share. On a non-GAAP basis, the operating loss was \$0.6 million and the net loss was \$0.6 million, or \$0.03 per diluted share, for the first quarter of 2010. This excludes a total of \$2.8 million of one-time expenses related to the Company's acquisition of selected assets of the Aethra group of companies announced in February (see accompanying tables), \$0.2 million of expense for amortization of purchased Aethra intangibles, and \$0.7 million for the effects of stock-based compensation expense in accordance with ASC 718 (previously SFAS 123R). The total amount excluded for non-GAAP purposes was \$3.7 million, equivalent to \$0.19 per diluted share.

In the first quarter of 2009, the operating loss was \$1.4 million and the net loss was \$0.8 million, or \$0.04 per share. On a non-GAAP basis, the operating loss was \$0.2 million and non-GAAP net income was \$0.6 million, or \$0.03 per diluted share, in the first quarter of 2009. The non-GAAP amounts for the first quarter of 2009 exclude stock-based compensation expense of \$1.2 million and a loss of \$0.3 million due to the write-down of certain Auction Rate Securities, with the total of \$1.4 million equivalent to \$0.07 per diluted share.

The reconciliation between GAAP net income and Non-GAAP net income is provided in the tables at the end of this release.

Total revenues for the first quarter of 2010 consisted of \$16.8 million for the Networking Business Unit (NBU) including video endpoints and \$4.0 million for the Technology Business Unit (TBU). This compares with \$13.6 million for the NBU and \$4.7 million for the TBU reported in the first quarter of 2009.

The Company's forecast for the first quarter of 2010, presented on February 3, was for revenues of \$20.0 million (consisting of NBU revenues of \$15.5 million including video endpoints and TBU revenues of \$4.5 million), a non-GAAP operating loss of \$1.0 million and a non-GAAP net loss of \$0.8 million or \$0.04 per diluted share.

The Company ended the first quarter of 2010 with approximately \$123.4 million in cash and liquid investments, equivalent to \$6.32 per basic share, a decrease of \$2.7 million from December 31, 2009. The decrease reflects \$4.8 million provided by operating activities offset by a \$7.0 million payment for the purchase of the Aethra assets and \$0.5 million used for capital expenditures.

Boaz Raviv, Chief Executive Officer, commented: "Our first quarter revenue growth was driven by the better than expected performance of our NBU infrastructure products due to the continued market success of our powerful SCOPIA Elite platform, combined with initial endpoint revenues approaching \$1 million for our breakthrough SCOPIA VC240 all-in-one desktop solution, which we developed with SAMSUNG.

“With our introduction last week of our SCOPIA XT1000 high definition room conferencing system, which is based on our recently acquired Aethra endpoint technology and our award-winning infrastructure, we have firmly established our position as an end-to-end videoconferencing solution provider. The early market response to the SCOPIA XT1000, with its high performance, features and competitive pricing, has been very positive. We are quickly adding leading and experienced resellers/technology partners to our channel network because of it.

“We expect to realize initial revenues from the SCOPIA XT1000 at the end of the current quarter, with a fuller ramp up in the second half of 2010. We also expect further growth in our revenues from the SCOPIA VC240 during the rest of the year. While our first quarter revenues from Cisco met our forecast, we are moving forward aggressively with our strategy to replace future lost revenues now that the Cisco-Tandberg transaction is complete, and to position our Company for growth.”

Mr. Raviv concluded: “This is a time of consolidation and realignment in the Unified Communications marketplace as well as a time of robust growth prospects for videoconferencing. With our new position as an end-to-end solution provider, supported by our continued focus on technology leadership, we have substantially improved our ability to take advantage of the rapidly emerging opportunities in our marketplace.”

Guidance

The following statements are forward-looking, and actual results may differ materially.

The Company expects to report revenues for the second quarter of 2010 of approximately \$22.0 million and a net loss of approximately \$1.0 million or \$0.05 per diluted share. This includes stock-based compensation expense in accordance with ASC 718 of \$0.7 million and amortization of purchased intangible assets of \$0.4 million. Excluding these items, non-GAAP net income for the second quarter of 2010 is expected to be \$0.1 million or \$0.01 per diluted share. That compares to revenues in the second quarter of 2009 of \$19.6 million and net income of \$0.4 million, or \$0.02 per diluted share. This included stock-based compensation expense of \$1.1 million equivalent to \$0.06 per diluted share. Excluding the effect of these items, non-GAAP net income for the second quarter of 2009 was \$1.6 million, or \$0.08 per diluted share. (Full details of the Company’s forecast are available on the Company’s web site at www.radvision.com.)

GAAP versus NON-GAAP Presentation

To supplement the consolidated financial statements presented in accordance with generally accepted accounting principles in the United States (“GAAP”), the Company uses non-GAAP measures of operating results, net income and earnings per share, which are adjusted from results based on GAAP to exclude net profit and loss from other than temporary impairment of available-for-sale marketable securities, the expenses recorded for stock compensation in accordance with ASC 718, amortization of purchased intangibles, acquisition-related costs and acquisition-related restructuring expenses, net. These non-GAAP financial measures are provided to enhance overall understanding of the current financial performance and prospects for the future. Specifically, the Company believes the non-GAAP results provide useful information to both management, and investors as these non-GAAP results exclude other than temporary impairment of available-for-sale marketable securities, the expenses recorded for stock compensation in accordance with ASC 718, amortization of purchased intangibles, acquisition-related costs and acquisition-related restructuring expenses, net that the Company believes are not indicative of the core operating results. Further, these non-GAAP results are one of the primary indicators management uses for assessing the Company’s performance, allocating resources and planning and forecasting future periods. These measures should be considered in addition to results prepared in accordance with GAAP, but should not be considered a substitute for or superior to GAAP results. These non-GAAP measures may be different from the non-GAAP measures used by other companies.

First Quarter 2010 Earnings Conference Call/Webcast

RADVISION will hold a conference call to discuss its first quarter 2010 results and second quarter outlook, today, Wednesday, April 28, at 9:00 a.m. (Eastern). To access the conference call, please dial 1-877-601-3546 (International dialers may call +1-210-839-8500) by 8:45 a.m. (Eastern). The passcode “RADVISION” will be required to access the live conference call. A live webcast of the conference call also will be available on the Company’s website and archived on the site until the next quarter. Simply click on the following link or copy it onto your browser: www.radvision.com/Corporate/Investors/FinancialReports/. A replay of the call will be available beginning approximately one hour after the conclusion of the call through 11:00 p.m.

(Eastern) on May 5th. To access the replay, please dial 1-866-490-5842 (International dialers may call +1-203-369-1704).

The PowerPoint presentation highlighting key financial metrics as well as the second quarter 2010 estimate also will be available in the Investor Relations section of the company's website. The presentation will be available beginning at 8:00 a.m. (Eastern) on April 28th and will be archived on the website until the end of the second quarter.

About RADVISION

RADVISION (Nasdaq: RVSN) is the industry's leading provider of market-proven products and technologies for unified visual communications over IP, 3G and IMS networks. With its complete set of standards-based video communications solutions and developer toolkits for voice, video, data and wireless communications, RADVISION is driving the unified communications evolution by combining the power of video, voice, data and wireless – for high definition video conferencing systems, innovative converged mobile services, and highly scalable video-enabled desktop platforms on IP, 3G and emerging next-generation IMS networks. To gain additional insights into our products, technology and opinions, visit blog.radvision.com. For more information about RADVISION, visit www.radvision.com.

This press release contains forward-looking statements that are subject to risks and uncertainties. Factors that could cause actual results to differ materially from these forward-looking statements include, but are not limited to, our ability to integrate the Aethra video assets into our product offerings, general business conditions in the industry, changes in demand for products, the timing and amount or cancellation of orders and other risks detailed from time to time in RADVISION's filings with the Securities Exchange Commission, including its Annual Report on Form 20-F. These documents contain and identify other important factors that could cause actual results to differ materially from those contained in our projections or forward-looking statements. Stockholders and other readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date on which they are made. We undertake no obligation to update publicly or revise any forward-looking statement.

- TABLES FOLLOW -

CONSOLIDATED STATEMENTS OF INCOME

U.S. dollars in thousands, except per share data

	Three months ended March 31,	
	2010	2009
	Unaudited	
Revenues	\$ 20,753	\$ 18,299
Cost of revenues	<u>5,235</u>	<u>4,111</u>
Gross profit	<u>15,518</u>	<u>14,188</u>
Operating costs and expenses:		
Research and development	7,553	7,084
Selling and marketing	7,749	7,085
General and administrative	1,449	1,382
Amortization of purchased intangibles *)	214	-
Acquisition-related costs	364	-
Acquisition-related restructuring expenses, net *)	<u>2,460</u>	<u>-</u>
Total operating costs and expenses	<u>19,789</u>	<u>15,551</u>
Operating loss	(4,271)	(1,363)
Financial income, net	<u>272</u>	<u>632</u>
Loss before taxes on income	(3,999)	(731)
Taxes expenses	<u>(361)</u>	<u>(106)</u>
Net loss	<u>\$ (4,360)</u>	<u>\$ (837)</u>
Basic net loss per Ordinary share	<u>\$ (0.22)</u>	<u>\$ (0.04)</u>
Weighted Average Number of Shares Outstanding During the Period – Basic	<u>19,513,130</u>	<u>19,564,269</u>
Diluted net loss per Ordinary share	<u>\$ (0.22)</u>	<u>\$ (0.04)</u>
Weighted Average Number of Shares Outstanding During the Period – Diluted	<u>19,513,130</u>	<u>19,564,269</u>

*) The allocation of the purchase price reflected in the consolidated statements of income is preliminary.

CONSOLIDATED STATEMENTS OF INCOME

U.S. dollars in thousands, except per share data

Reconciliation of GAAP to NON-GAAP Operating Results

To supplement the consolidated financial statements presented in accordance with generally accepted accounting principles in the United States ("GAAP"), the Company uses non-GAAP measures of operating results, net income and earnings per share, which are adjusted from results based on GAAP to exclude net profit or loss from other than temporary impairment of available for sale marketable securities, the expenses recorded for stock compensation in accordance with ASC 718 (formerly SFAS 123R), amortization of purchased intangibles, acquisition-related costs and acquisition-related restructuring expenses, net. These non-GAAP financial measures are provided to enhance overall understanding of the current financial performance and prospects for the future. Specifically, the Company believes the non-GAAP results provide useful information to both management, and investors as these non-GAAP results exclude other than temporary impairment of available for sale marketable securities, the expenses recorded for stock compensation in accordance with ASC 718, amortization of purchased intangibles, acquisition-related costs and acquisition-related restructuring expenses, net that the Company believes are not indicative of the core operating results. Further, these non-GAAP results are one of the primary indicators management uses for assessing the Company's performance, allocating resources and planning and forecasting future periods. These measures should be considered in addition to results prepared in accordance with GAAP, but should not be considered a substitute for or superior to GAAP results. These non-GAAP measures may be different than the non-GAAP measures used by other companies.

The following table reconciles the GAAP to non-GAAP operating results:

	Three months ended					
	March 31, 2010			March 31, 2009		
	(Unaudited)					
	GAAP results (as reported)	Non-GAAP Adjustment (*)	Non-GAAP results	GAAP results (as reported)	Non-GAAP Adjustment (*)	Non-GAAP results
Gross profit	\$ 15,518	\$ 60	\$ 15,578	\$ 14,188	\$ 95	\$ 14,283
Total operating costs and expenses	\$ 19,789	\$ (3,636)	\$ 16,153	\$ 15,551	\$ (1,073)	\$ 14,478
Operating loss	\$ (4,271)	\$ 3,696	\$ (575)	\$ (1,363)	\$ 1,168	\$ (195)
Income (loss) before taxes on income	\$ (3,999)	\$ 3,713	\$ (286)	\$ (731)	\$ 1,427	\$ 696
Net income (loss)	\$ (4,360)	\$ 3,713	\$ (647)	\$ (837)	\$ 1,427	\$ 590
Basic net earnings (loss) per Ordinary share	\$ (0.22)	\$ 0.19	\$ (0.03)	\$ (0.04)	\$ 0.07	\$ 0.03
Diluted net earnings (loss) per Ordinary share	\$ (0.22)	\$ 0.19	\$ (0.03)	\$ (0.04)	\$ 0.07	\$ 0.03

(*) Reconciliation of GAAP to Non-GAAP measures (Unaudited)

	Three months ended	
	March 31,	
	2010	2009
	Unaudited	
GAAP net loss	\$ (4,360)	\$ (837)
Share-based compensation	658	1,168
Amortization of purchased intangibles	214	-
Acquisition-related costs	364	-
Acquisition-related restructuring expenses, net	2,460	-
Other than temporary impairment of available for sale marketable securities	17	259
Non-GAAP net income (loss)	\$ (647)	\$ 590
Non-GAAP diluted net income (loss) per Ordinary share	\$ (0.03)	\$ 0.03

CONSOLIDATED BALANCE SHEETS

U.S. dollars in thousands, except per share data

	March 31, 2010	December 31, 2009
	Unaudited	Audited
ASSETS		
CURRENT ASSETS:		
Cash and cash equivalents *)	\$ 17,494	\$ 40,289
Short-term bank deposits *)	57,897	55,352
Short-term marketable securities *)	4,367	4,713
Trade receivables	7,955	11,712
Other accounts receivable and prepaid expenses	6,259	5,552
Inventories	1,516	980
Total current assets	<u>95,488</u>	<u>118,598</u>
LONG-TERM INVESTMENTS AND RECEIVABLES:		
Long-term marketable securities *)	42,831	25,699
Long-term bank deposits *)	800	-
Long-term prepaid expenses	2,225	2,310
Severance pay fund	6,481	6,242
Long-term deferred tax asset	1,533	1,533
Total long-term investments and receivables	<u>53,870</u>	<u>35,784</u>
Property and equipment, net	<u>4,395</u>	<u>4,649</u>
Goodwill **)	<u>5,088</u>	<u>2,966</u>
Other intangible assets, net **)	<u>6,156</u>	<u>-</u>
Total assets	<u>\$ 164,997</u>	<u>\$ 161,997</u>
LIABILITIES AND SHAREHOLDERS' EQUITY		
CURRENT LIABILITIES:		
Trade payables	\$ 2,150	\$ 1,475
Deferred revenues	8,130	8,064
Accrued expenses and other accounts payable	17,438	12,146
Total current liabilities	<u>27,718</u>	<u>21,685</u>
Accrued severance pay	<u>7,534</u>	<u>7,299</u>
Total liabilities	<u>35,252</u>	<u>28,984</u>
SHAREHOLDERS' EQUITY:		
Ordinary shares of NIS 0.1 par value	234	234
Additional paid-in capital	146,815	145,998
Treasury stock	(32,886)	(32,970)
Accumulated other comprehensive income	(612)	(842)
Retained earnings	16,194	20,593
Total shareholders' equity	<u>129,745</u>	<u>133,013</u>
Total liabilities and shareholders' equity	<u>\$ 164,997</u>	<u>\$ 161,997</u>
*) Total cash and liquid investments	<u>\$ 123,389</u>	<u>\$ 126,053</u>

**) The allocation of the purchase price reflected in the consolidated balance sheets is preliminary.

CONSOLIDATED STATEMENTS OF CASH FLOWS

U.S. dollars in thousands

	Three months ended	
	March 31,	
	2010	2009
	Unaudited	
<u>Cash flows from operating activities:</u>		
Net loss	\$ (4,360)	\$ (837)
Adjustments to reconcile net income to net cash provided by (used in) operating activities:		
Depreciation and amortization	962	973
Accrued interest, amortization of premium and accretion of discount on marketable securities and bank deposits, net	(308)	52
Amortization of deferred stock compensation	658	1,168
Tax benefit relating to loss carryforwards resulting from exercise of stock options	(159)	(19)
Decrease in trade receivables, net	3,757	478
Increase in other accounts receivable and prepaid expenses	(334)	(900)
Decrease (increase) in inventories	(436)	361
Decrease in long-term prepaid expenses	85	85
Decrease (increase) in deferred tax asset	(134)	33
Increase (decrease) in trade payables	675	(287)
Increase (decrease) in deferred revenues	66	(560)
Increase (decrease) in accrued expenses and other accounts payable	3,843	(2,546)
Accrued severance pay, net	(4)	(82)
Net cash provided by (used in) operating activities	<u>4,311</u>	<u>(2,081)</u>
<u>Cash flows from investing activities:</u>		
Proceeds from redemption of marketable securities	7,100	5,120
Purchase of marketable securities	(23,575)	(3,500)
Proceeds from withdrawal of bank deposits	8,500	42,591
Purchase of bank deposits	(11,857)	(48,044)
Purchase of property and equipment	(494)	(320)
Payment for the acquisition of Aethra (a)	(6,984)	-
Net cash used in investing activities	<u>(27,310)</u>	<u>(4,153)</u>
<u>Cash flows from financing activities:</u>		
Purchase of treasury stock	-	(1,142)
Exercise of options by employees	45	-
Tax benefit related to exercise of stock options	159	19
Net cash provided by (used in) financing activities	<u>204</u>	<u>(1,123)</u>
Decrease in cash and cash equivalents	(22,795)	(7,357)
Cash and cash equivalents at beginning of period	<u>40,289</u>	<u>37,872</u>
Cash and cash equivalents at end of period	<u>\$ 17,494</u>	<u>\$ 30,515</u>

CONSOLIDATED STATEMENTS OF CASH FLOWS

U.S. dollars in thousands

	Three months ended March 31, 2010
	Unaudited
(a) <u>Payment for the acquisition of Aethra *):</u>	
Estimated fair value of assets acquired in liabilities assumed at the acquisition date:	
Working capital, excluding cash and cash equivalents	\$ 67
Customer relationships	1,340
Technology	4,200
In-process research and development	830
Goodwill	<u>2,122</u>
Total fair value of assets acquired in liabilities assumed at the acquisition date	<u>8,559</u>
Less – accrued payment	<u>(1,575)</u>
	<u>\$ 6,984</u>

*) The allocation of the purchase price reflected in the above table is based upon preliminary valuation of tangible and intangible assets acquired.