

Item 2.02. Results of Operations and Financial Condition.

On April 16, 2007, ADTRAN, Inc. announced its financial results for the fiscal quarter ended March 31, 2007 and certain other information.

ADTRAN also announced that its Board of Directors declared a quarterly cash dividend. The quarterly cash dividend is \$0.09 per common share to be paid to holders of record at the close of business on May 3, 2007. The ex-dividend date is May 1, 2007 and the payment date is May 17, 2007.

A copy of ADTRAN's press release announcing such financial results and other information is attached as Exhibit 99.1 hereto and incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits.

(c) Exhibits.

The following exhibit is furnished as part of this Current Report on Form 8-K.

Exhibit Number -----	Description -----
99.1	Press Release dated April 16, 2007

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized on April 16, 2007.

ADTRAN, Inc.
(Registrant)

By: /s/ James E. Matthews

James E. Matthews
Senior Vice President - Finance,
Chief Financial Officer, Treasurer,
Secretary and Director

EXHIBIT INDEX

Exhibit Number -----	Description -----
99.1	Press Release dated April 16, 2007

EXHIBIT 99.1

ADTRAN, Inc. Reports First Quarter 2007 Results and Declares Quarterly Cash Dividend

HUNTSVILLE, Ala.--(BUSINESS WIRE)--April 16, 2007--ADTRAN, Inc. (NASDAQ:ADTN) reported results for the first quarter of 2007. Sales were \$110,312,000 for the quarter compared to \$108,648,000 for the first quarter of 2006. Net income was \$16,928,000 for the quarter compared to \$16,255,000 for the first quarter of 2006. Earnings per share, assuming dilution, were \$0.24 for the quarter compared to \$0.21 for the first quarter of 2006. The Company also reported that the first quarter results included a benefit of \$893,000 in "Provision for income taxes," primarily relating to closure of tax audits from prior years. The results also included a pre-tax life insurance benefit of \$1,000,000 in "Other income" for an event that occurred in the first quarter of 2007. These two items increased earnings per share, assuming dilution, by approximately \$0.02 in the first quarter.

ADTRAN Chief Executive Officer Tom Stanton stated, "First quarter revenues were better than anticipated due to strength in HDSL demand, improving broadband access trends, and ongoing momentum in internetworking products. We believe our company is well positioned for continuing growth as a result of introductions and new business wins with Broadband and Optical Access products, and current activities related to our new product launches."

The Company also announced that its Board of Directors declared a cash dividend for the first quarter of 2007. The quarterly cash dividend is \$0.09 per common share to be paid to holders of record at the close of business on May 3, 2007. The ex-dividend date is May 1, 2007 and the payment date is May 17, 2007.

The Company also confirmed that its first quarter conference call will be held Tuesday, April 17, 2007 at 9:30 a.m. Central Time. This conference call will be web cast live through StreetEvents.com. To listen, simply visit the Investor Relations site at <http://www.adtran.com> or <http://streetevents.com> approximately 10 minutes prior to the start of the call and click on the conference call link provided.

An online replay of the conference call will be available for seven days at <http://streetevents.com>. In addition, an online replay of the conference call, as well as the text of the Company's earnings release, will be available on the Investor Relations site at <http://www.adtran.com> for at least 12 months following the call.

ADTRAN, Inc. is a leading global provider of networking and communications equipment, with a portfolio of more than 1,600 solutions for use in the last mile of today's telecommunications networks. Widely deployed by carriers and enterprises alike, ADTRAN solutions enable voice, data, video, and Internet communications across copper, fiber, and wireless network infrastructures. ADTRAN solutions are currently in use by every major U.S. service provider and many global ones, as well as by thousands of public, private and governmental organizations worldwide.

For more information, contact the company at 800 9ADTRAN (800 923-8726) or via email at info@adtran.com. On the Web, visit www.adtran.com.

This press release contains forward-looking statements which reflect management's best judgment based on factors currently known. However, these statements involve risks and uncertainties, including the successful development and market acceptance of new products, the degree of competition in the market for such products, the product and channel mix, component costs, manufacturing efficiencies, and other risks detailed in our annual report on Form 10-K for the year ended December 31, 2006. These risks and uncertainties could cause actual results to differ materially from those in the forward-looking statements included in this press release.

Condensed Balance Sheet
March 31, 2007
Unaudited
(In thousands)

	March 31, 2007
Assets	
Cash & cash equivalents	\$24,168
Short-term investments	131,005
Accounts receivable (net)	56,247
Other receivables	3,803
Inventory (net)	48,898
Prepaid expenses and other current assets	10,189
Total current assets	274,310
Equipment (net)	17,857
Land	4,263
Bldg. & land improvements (net)	57,435
Other assets	526
Long-term investments	182,467

Total long-term assets	262,548

Total assets	\$536,858
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Liabilities and stockholders' equity	
Accounts payable	\$20,158
Accrued wages and benefits	7,002
Accrued liabilities	13,566

Total current liabilities	40,726
Deferred tax liabilities	1
Other non-current liabilities	6,363
Long term-debt	48,812

Total long-term liabilities	55,176
Total liabilities	95,902
Stockholders' equity	440,956

Total liabilities and stockholders' equity	\$536,858
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Condensed Statements of Income For the three month periods ended March 31, 2007 and 2006

(In thousands, except per share data)

	Unaudited	
	Three Months Ended March 31, 2007	Three Months Ended March 31, 2006
	-----	-----
Sales	\$110,312	\$108,648
Cost of Sales	44,522	44,140
	-----	-----
Gross Profit	65,790	64,508
Selling, general and administrative expenses	26,476	24,687
Research and development expenses	18,358	17,766
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Income from operations	20,956	22,055
Interest expense	(619)	(634)
Other income, net	4,289	4,037
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Income before provision for income taxes	24,626	25,458
Provision for income taxes	(7,698)	(9,203)
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Net income	\$16,928	\$16,255
	=====	=====
Weighted average shares		
Basic	69,358	76,655
Diluted (1)	70,889	78,909
Earnings per common share		
Basic	\$0.24	\$0.21
Diluted (1)	\$0.24	\$0.21

(1) Assumes exercise of dilutive stock options calculated under the treasury stock method.

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or
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