

TERAYON COMMUNICATION SYSTEMS

Form 10-Q

August 14, 2003

**Table of Contents**

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**SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

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**FORM 10-Q**

**[X] QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

**FOR THE QUARTERLY PERIOD ENDED June 30, 2003  
OR**

**[ ] TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES  
EXCHANGE ACT OF 1934**

**FOR THE TRANSITION PERIOD FROM \_\_\_\_\_ TO \_\_\_\_\_.**

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**TERAYON COMMUNICATION SYSTEMS, INC.**

(EXACT NAME OF REGISTRANT AS SPECIFIED IN ITS CHARTER)

**DELAWARE**  
(STATE OR OTHER JURISDICTION OF  
INCORPORATION OR ORGANIZATION)

77-0328533  
(IRS EMPLOYER  
IDENTIFICATION NO.)

4988 GREAT AMERICA PARKWAY  
SANTA CLARA, CALIFORNIA 95054  
(408) 235-5500

(ADDRESS, INCLUDING ZIP CODE, AND TELEPHONE NUMBER, INCLUDING AREA CODE, OF THE  
REGISTRANT'S PRINCIPAL EXECUTIVE OFFICES)

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Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indication by check mark whether the registrant is an accelerated file (as defined by Rule 12b-2 of the Exchange Act) Yes  No

As of July 31, 2003, registrant had outstanding 74,455,259 shares of Common Stock.

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**TABLE OF CONTENTS**

**PART I. FINANCIAL INFORMATION**

**ITEM 1. FINANCIAL STATEMENTS**

**ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

**ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

**ITEM 4. CONTROL AND PROCEDURES**

**PART II. OTHER INFORMATION**

**ITEM 1. LEGAL PROCEEDINGS**

**ITEM 2. CHANGES IN SECURITIES AND USE OF PROCEEDS**

**ITEM 3. DEFAULTS UPON SENIOR SECURITIES**

**ITEM 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS**

**ITEM 5. OTHER INFORMATION**

**ITEM 6. EXHIBITS AND REPORTS ON FORM 8-K**

**SIGNATURES**

**EXHIBIT INDEX**

**EXHIBIT 10.10**

**EXHIBIT 10.24**

**EXHIBIT 10.25**

**EXHIBIT 10.26**

**EXHIBIT 31.1**

**EXHIBIT 31.2**

**EXHIBIT 32.1**

**EXHIBIT 32.2**

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**Table of Contents**

**SPECIAL NOTE ON FORWARD-LOOKING STATEMENTS**

This Report on Form 10-Q contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 which are subject to the safe harbor created by those sections. These forward-looking statements include, but are not limited to: statements related to industry trends and future growth in the markets for cable modem systems; our strategies for reducing the cost of our products; our product development efforts; the effect of GAAP accounting pronouncements on our recognition of revenues; our future research and development; the timing of our introduction of new products; the timing and extent of deployment of our products by our customers; and future profitability. We usually use words such as may, will, should, expect, plan, anticipate, believe, estimate, predict, future, intend, or certain or the negative of these terms or similar expressions to identify forward-looking statements. Discussions containing such forward-looking statements may be found throughout the document. These forward-looking statements involve certain risks and uncertainties that could cause actual results to differ materially from those in such forward-looking statements. We disclaim any obligation to update these forward-looking statements as a result of subsequent events. The business risks discussed in Part 1, Item 2 of this Report on Form 10-Q, among other things, should be considered in evaluating our prospects and future financial performance.

**PART I. FINANCIAL INFORMATION**

**ITEM 1. FINANCIAL STATEMENTS**

TERAYON COMMUNICATION SYSTEMS, INC.  
INDEX TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

	<b>Page</b>
Condensed Consolidated Balance Sheets as of June 30, 2003 (unaudited) and December 31, 2002	3
Condensed Consolidated Statements of Operations for the three and six months ended June 30, 2003 and 2002 (unaudited)	4
Condensed Consolidated Statements of Cash Flows for the six months ended June 30, 2003 and 2002 (unaudited)	5
Notes to Condensed Consolidated Financial Statements (unaudited)	6

**Table of Contents**

TERAYON COMMUNICATION SYSTEMS, INC.  
CONDENSED CONSOLIDATED BALANCE SHEETS  
(in thousands)

	<b>June 30, 2003</b>	<b>December 31, 2002</b>
	(unaudited)	
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 68,466	\$ 117,079
Short-term investments	93,440	89,424
Accounts receivable, net	23,200	16,355
Accounts receivable from related parties	565	842
Inventory	7,328	8,257
Other current assets	6,800	10,860
Total current assets	199,799	242,817
Property and equipment, net	13,621	17,906
Restricted cash and other assets, net	12,474	14,987
Total assets	\$ 225,894	\$ 275,710
<b>LIABILITIES AND STOCKHOLDERS EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 19,833	\$ 23,920
Accrued payroll and related expenses	6,279	6,227
Deferred revenues	1,544	497
Accrued warranty	8,173	8,607
Accrued restructuring	5,506	6,754
Accrued vendor cancellation charges	6,519	13,865
Other accrued liabilities	6,780	8,609
Other current obligations	1,524	1,509
Total current liabilities	56,158	69,988
Long-term obligations	3,878	3,499
Convertible subordinated notes	65,081	65,081
Commitments and contingencies		
Stockholders' equity:		
Common stock	74	73
Additional paid in capital	1,078,777	1,078,144
Accumulated deficit	(974,335)	(937,207)
Deferred compensation	(32)	(25)
Treasury stock, at cost	(773)	(773)
Accumulated other comprehensive loss	(2,934)	(3,070)
Total stockholders' equity	100,777	137,142
Total liabilities and stockholders' equity	\$ 225,894	\$ 275,710

See accompanying notes.

**Table of Contents**

TERAYON COMMUNICATION SYSTEMS, INC.  
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS  
(in thousands, except per share data)  
(unaudited)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2003	2002	2003	2002
Product revenues	\$ 29,964	\$ 22,126	\$ 50,556	\$ 73,685
Related party product revenues	635	281	2,311	5,940
	<u>30,599</u>	<u>22,407</u>	<u>52,867</u>	<u>79,625</u>
Cost of product revenues	23,577	22,417	42,383	49,008
Cost of related party product revenues	159	17	945	5,153
	<u>23,736</u>	<u>22,434</u>	<u>43,328</u>	<u>54,161</u>
	<u>6,863</u>	<u>(27)</u>	<u>9,539</u>	<u>25,464</u>
Gross profit (loss)				
Operating expenses:				
Research and development	10,432	14,704	23,434	31,644
Sales and marketing	6,560	10,141	13,290	18,994
General and administrative	3,000	3,552	6,728	7,186
Restructuring costs (recovery) and asset write-offs	(115)	3,972	3,046	3,972
	<u>19,877</u>	<u>32,369</u>	<u>46,498</u>	<u>61,796</u>
	<u>(13,014)</u>	<u>(32,396)</u>	<u>(36,959)</u>	<u>(36,332)</u>
Loss from operations				
Interest income	909	2,013	1,811	4,110
Interest expense	(814)	(2,177)	(1,651)	(4,357)
Other expense	(160)	(4,400)	(200)	(4,465)
Gain on early retirement of debt		33,276		33,276
	<u>(13,079)</u>	<u>(3,684)</u>	<u>(36,999)</u>	<u>(7,768)</u>
Loss before income tax expense				
Income tax expense	60	1	129	7
	<u>(13,139)</u>	<u>(3,685)</u>	<u>(37,128)</u>	<u>(7,775)</u>
Net loss				
Net loss per share, basic and diluted	\$ (0.18)	\$ (0.05)	\$ (0.50)	\$ (0.11)
Shares used in per share calculation, basic and diluted	<u>73,721</u>	<u>72,761</u>	<u>73,715</u>	<u>72,682</u>

See accompanying notes.

**Table of Contents**

TERAYON COMMUNICATION SYSTEMS, INC.  
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS  
(in thousands)  
(unaudited)

	Six Months Ended June 30,	
	2003	2002
Operating activities:		
Net loss	\$ (37,128)	\$ (7,775)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation	5,155	5,734
Write-off and amortization of intangible assets		3,972
Amortization related to stock options	8	366
Gain on early retirement of debt		(33,276)
Provision (recovery) of inventory reserve	(5,828)	9,032
Write-off and disposal of fixed assets	485	1,115
Changes in operating assets and liabilities:		
Accounts receivable	(6,845)	21,324
Accounts receivable from related parties	277	3,705
Inventory	8,560	4,550
Other current and non-current assets	6,573	(11,312)
Accounts payable	(4,087)	(9,775)
Accrued payroll and related expenses	52	(727)
Deferred revenues	1,047	(1,316)
Accrued warranty	(434)	109
Accrued restructuring	(1,248)	(1,797)
Accrued vendor cancellation charges	(8,685)	(753)
Other accrued liabilities	(1,836)	(3,795)
Interest payable		(1,156)
Net cash used in operating activities	(43,934)	(21,775)
Investing activities:		
Purchases of short-term investments	(107,058)	(204,524)
Proceeds from sales and maturities of short-term investments	102,631	243,310
Purchases of property and equipment	(1,355)	(3,198)
Net cash provided by (used in) investing activities	(5,782)	35,588
Financing activities:		
Principal payments on capital leases	(63)	(88)
Proceeds from issuance of common stock	619	3,302
Retirement of debt		(39,220)
Net cash provided (used in) by financing activities	556	(36,006)
Effect of exchange rate changes	547	(1,556)
Net decrease in cash and cash equivalents	(48,613)	(23,749)
Cash and cash equivalents at beginning of period	117,079	100,274
Cash and cash equivalents at end of period	\$ 68,466	\$ 76,525

See accompanying notes.



**Table of Contents**

TERAYON COMMUNICATION SYSTEMS, INC.  
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS  
(Unaudited)

**1. Organization and Summary of Significant Accounting Policies**

***Description of Business***

Terayon Communication Systems, Inc. (Company) was incorporated under the laws of the State of California on January 20, 1993. In July 1998, the Company reincorporated in the State of Delaware.

The Company develops, markets and sells equipment to cable television operators, satellite network operators and telecom carriers who use the Company's products to deliver broadband voice, video and data services to residential and business subscribers.

***Basis of Presentation***

The accompanying condensed consolidated financial statements have been prepared in accordance with generally accepted accounting principles in the United States for interim financial information and in accordance with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by generally accepted accounting principles in the United States for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring adjustments) necessary for a fair presentation of the financial statements at June 30, 2003 and for the three and six months ended June 30, 2003 and 2002 have been included.

Results for the three and six months ended June 30, 2003 are not necessarily indicative of results for the entire fiscal year or future periods. These financial statements should be read in conjunction with the consolidated financial statements and the accompanying notes included in the Company's Form 10-K dated March 27, 2003, as filed with the U.S. Securities and Exchange Commission. The accompanying balance sheet at December 31, 2002 is derived from audited consolidated financial statements at that date.

***Reclassifications***

Certain amounts in the 2002 financial statements have been reclassified to conform to the 2003 presentation.

***Basis of Consolidation***

The condensed consolidated financial statements include the accounts of the Company and its wholly owned subsidiaries. All intercompany balances and transactions have been eliminated.

***Use of Estimates***

The preparation of the condensed consolidated financial statements in conformity with generally accepted accounting principles in the United States requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates. Estimates are based on historical experience, input from sources outside of the Company, and other relevant facts and circumstances. Actual results could differ from those estimates. Areas that are particularly significant include the Company's valuation of its accounts receivable and inventory reserves, the assessment of recoverability and the measurement of impairment of fixed assets, and the recognition of restructuring reserves.

***Stock-based compensation***

**Table of Contents**

The Company accounts for stock-based compensation for its employees using the intrinsic value method presented in Accounting Principles Board (APB) Statement No. 25, Accounting for Stock Issued to Employees, (APB No. 25) and related interpretations, and complies with the disclosure provisions of Statement of Financial Accounting Standards (SFAS) Interpretation No. 123, Accounting for Stock-Based Compensation, (SFAS No. 123) and with the disclosure provisions of SFAS No. 148, Accounting for Stock-Based Compensation Transition and Disclosure Amendment of SFAS No. 123. Under APB No. 25, compensation expense is based on the difference, as of the date of the grant, between the fair value of the stock and the exercise price. The Company accounts for stock options issued to non-employees in accordance with the provisions of SFAS No. 123 and Emerging Issues Task Force (EITF) Issue No. 96-18, Accounting for Equity Instruments That Are Issued to Other Than Employees for Acquiring, or in Conjunction with Selling, Goods or Services.

The following table illustrates the effect on net loss and loss per share if the Company had applied the fair value recognition provisions of SFAS No. 123 to stock-based employee compensation (in thousands, except per share amounts):

	Three months ended June 30		Six months ended June 30,	
	2003	2002	2003	2002
Net loss, as reported	\$(13,139)	\$ (3,685)	\$(37,128)	\$ (7,775)
Add: Stock-based compensation under APB 25	3	171	8	366
Deduct: Stock option compensation expense determined under fair value-based method	(5,411)	(8,937)	(11,588)	(19,235)
Employee stock purchase plan compensation expense determined under fair value-based method	(301)	(535)	(1,280)	(1,304)
Pro forma net loss	<u>\$(18,848)</u>	<u>\$ (12,986)</u>	<u>\$(49,998)</u>	<u>\$ (27,948)</u>
Pro forma net loss per share, basic and diluted	<u>\$ (0.26)</u>	<u>\$ (0.18)</u>	<u>\$ (0.68)</u>	<u>\$ (0.38)</u>
Shares used in computing pro forma net loss per share, basic and diluted	73,721	72,761	73,715	72,682

**Inventory**

Inventory is stated at the lower of cost (first-in, first-out) or market. The components of inventory are as follows (in thousands):

	June 30, 2003	December 31, 2002
Finished goods	\$5,180	\$5,915
Work-in-process	294	769
Raw materials	1,854	1,573
	<u>\$7,328</u>	<u>\$8,257</u>

**Table of Contents****Purchase Obligations**

The Company has purchase obligations to certain of its suppliers that support the Company's ability to manufacture its products. The obligations require the Company to purchase minimum quantities of the suppliers' products at a specified price. Cost of goods sold for the three and six months ended June 30, 2003, included a reversal of \$3.3 million and \$6.2 million, respectively of special charges taken in previous periods for vendor cancellation charges and inventory considered to be in excess and obsolete. The Company was able to reverse the provision, for excess and obsolete inventory during the three and six months ended June 30, 2003, as it was able to sell inventory. In addition, the Company was able to negotiate certain vendor cancellation claims to terms more favorable to the Company. Cost of goods sold for the three and six months ended June 30, 2002, included a reversal of special charges of \$1.1 million and \$12.5 million, respectively. The Company was able to reverse the provision for excess and obsolete inventory during the three and six months ended June 30, 2002, as it was able to sell the related inventory.

On February 26, 2003, the Company entered into an agreement with Solectron Corporation (Solectron) to settle all outstanding obligations under two manufacturing agreements between the Company and Solectron. Under the terms of the settlement agreement, the Company paid Solectron approximately \$3.9 million, and each party released all claims that it may have had against the other party. Additionally, the Company received selected inventory from Solectron. The Company previously accrued \$6.0 million toward the settlement of the Solectron matter as a vendor cancellation charge in the fourth quarter of 2000 and the second quarter of 2001. In the first quarter of 2003, in connection with the Solectron settlement, the Company reversed \$2.1 million of the accrued vendor cancellation charges.

As of June 30, 2003, the Company had \$58.5 million of purchase obligations, of which \$6.5 million are included on the balance sheet as accrued vendor cancellation charges. The remaining obligations are expected to become payable at various times throughout 2003.

**Net Loss Per Share**

A reconciliation of the numerator and denominator of basic and diluted net loss per share is provided as follows (in thousands, except per share amounts):

	Three Months Ended June 30,		Six Months Ended June 30,	
	2003	2002	2003	2002
Net loss	\$ (13,139)	\$ (3,685)	\$ (37,128)	\$ (7,775)
Shares used in computing basic and diluted net loss per share	73,721	72,761	73,715	72,682
Basic and diluted net loss per share	\$ (0.18)	\$ (0.05)	\$ (0.50)	\$ (0.11)

Options to purchase 17,394,492 and 18,787,939 shares of common stock were outstanding at June 30, 2003 and June 30, 2002, respectively, and warrants to purchase 425,593 and 2,408,300 shares of common stock were outstanding at June 30, 2003 and June 30, 2002, respectively, but were not included in the computation of diluted net loss per share, since the effect would have been antidilutive.

**Accumulated Other Comprehensive Loss**

Accumulated other comprehensive loss presented in the accompanying condensed consolidated balance sheets consists of net unrealized gains or losses on short-term investments and accumulated net foreign currency translation gains or losses.

The following are the components of comprehensive loss (in thousands):



**Table of Contents**

	Three Months Ended June 30,		Six Months Ended June 30,	
	2003	2002	2003	2002
Net loss	\$(13,139)	\$(3,685)	\$(37,128)	\$(7,775)
Cumulative translation adjustments	516	(1,321)	547	(1,556)
Change in unrealized gain (loss) on available- for-sale investments	(188)	376	(411)	(499)
Total comprehensive net loss	\$(12,811)	\$(4,630)	\$(36,992)	\$(9,830)

**Impact of Recently Issued Accounting Standards**

In May 2003, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No. 150, "Accounting For Certain Financial Instruments with Characteristics of Both Liabilities and Equity" (SFAS No. 150) which establishes standards for how an issuer of financial instruments classifies and measures certain financial instruments with characteristics of both liabilities and equity. It requires that certain financial instruments, which under previous guidance were accounted for as equity, must now be accounted for as liabilities. The financial instruments affected include mandatory redeemable stock, certain financial instruments that require or may require the issuer to buy back some of its shares in exchange for cash or other assets and certain obligations that can be settled with shares of stock. SFAS No. 150 is effective for financial instruments entered into or modified after May 31, 2003, and otherwise is effective at the beginning of the first interim period beginning after June 15, 2003. The adoption of SFAS No. 150 is not expected to have a material impact on the Company's financial position or results of operations.

In April 2003, the FASB issued SFAS No. 149, "Amendment of Statement 133 on Derivative Instruments and Hedging Activities." SFAS No. 149 amends and clarifies financial accounting and reporting for derivative instruments, including certain derivative instruments embedded in other contracts (collectively referred to as derivatives) and for hedging activities under SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities." This statement is effective for contracts entered into or modified after June 30, 2003, and is not expected to have a material impact on the Company's financial position or results of operations.

In November 2002, the Emerging Issues Task Force (EITF) reached a consensus on Issue No. 00-21, "Revenue Arrangements with Multiple Deliverables." EITF Issue No. 00-21 provides guidance on how to account for certain arrangements that involve the delivery or performance of multiple products, services and/or rights to use assets. The provisions of EITF Issue No. 00-21 will apply to revenue arrangements entered into in fiscal periods beginning after June 15, 2003. The adoption of EITF Issue No. 00-21 did not have any significant impact on the Company's financial position or results of operations.

## **Table of Contents**

### **2. Contingencies**

Beginning in April 2000, several plaintiffs filed lawsuits against the Company and certain of its officers and directors in federal court. The plaintiff in the first of these lawsuits purported to represent a class whose members purchased the Company's securities between February 2, 2000 and April 11, 2000. The complaint alleged that the defendants had violated the federal securities laws by issuing materially false and misleading statements and failing to disclose material information regarding the Company's technology. The allegations in the other lawsuits were substantially the same and, on August 24, 2000, all of these lawsuits were consolidated in the United States District Court, Northern District of California. The court hearing the consolidated action has appointed lead plaintiffs and lead plaintiffs' counsel pursuant to the Private Securities Litigation Reform Act.

On September 21, 2000, the lead plaintiffs filed a consolidated class action complaint containing factual allegations nearly identical to those in the original lawsuits. The consolidated class action complaint, however, alleged claims on behalf of a class whose members purchased or otherwise acquired the Company's securities between November 15, 1999 and April 11, 2000. On October 30, 2000, defendants moved to dismiss the consolidated class action complaint. On March 14, 2001, after defendants' motion had been fully briefed and argued, the court issued an order granting in part defendants' motion and giving plaintiffs leave to file an amended complaint. On April 13, 2001, plaintiffs filed their first amended consolidated class action complaint. On June 15, 2001, defendants moved to dismiss this new complaint and oral argument on the motion occurred on December 17, 2001. On March 29, 2002, the court denied the defendants' motion to dismiss. On February 24, 2003, the court certified the plaintiffs' proposed class. Since then, the parties have completed nearly all discovery from fact witnesses and are now beginning expert witness discovery. In addition, both plaintiffs and defendants have filed summary judgment motions that are scheduled for hearing on September 8, 2003. Defendants' motion seeks judgment as to plaintiffs' entire claim. Plaintiffs' motion seeks a determination that certain of the defendants' class period statements were false. Trial is scheduled to begin on November 4, 2003.

The lawsuit seeks an unspecified amount of damages, in addition to other forms of relief. The Company considers the lawsuits to be without merit and intends to defend vigorously against these allegations. However, the litigation could prove to be costly and time consuming to defend, and there can be no assurances about the eventual outcome.

On October 16, 2000, a lawsuit was filed against the Company and the individual defendants (Zaki Rakib, Selim Rakib and Raymond Fritz) in the California Superior Court, San Luis Obispo County. This lawsuit is titled *Bertram v. Terayon Communications Systems, Inc.* (Bertram). The Bertram complaint contains factual allegations similar to those alleged in the federal securities class action lawsuit. The complaint asserts causes of action for unlawful business practices, unfair and fraudulent business practices, and false and misleading advertising. Plaintiffs purport to bring the action on behalf of themselves and as representatives of all persons or entities in the State of California and such other persons or entities outside California that have been and are adversely affected by defendants' activity, and as the Court shall determine is not inconsistent with the exercise of the Court's jurisdiction. Plaintiffs seek equitable and injunctive relief. Defendants removed the Bertram case to the United States District Court, Central District of California and, on January 19, 2001, filed a motion to dismiss the complaint. A hearing on defendants' motion was held March 26, 2001 and the court granted Defendants' motion to dismiss the action and denied Plaintiffs' motion requesting remand. On April 5, 2001, Defendants moved for an order requiring further proceedings, if any to take place in the Northern District of California. Plaintiffs did not oppose this motion and eventually entered into a stipulation to go forward in the Northern District. On July 9, 2001, a status conference was held in this case before Judge Patel. Plaintiffs did not appear for the conference, and the court requested that defendants submit an order dismissing the Bertram action with prejudice, which the defendants have submitted to the court. On August 7, 2002, the court held another conference at which it entered an order dismissing the *Bertram* case. The court's order permits the individual plaintiffs in the *Bertram* case to pursue any claims that they may have as members of the purported class in the related, consolidated class action discussed above. Plaintiffs have appealed this order, and the Court of Appeals has set a briefing schedule for the appeal.

**Table of Contents**

The Company believes that the allegations in the *Bertram* case, as with the allegations in the federal securities case, are without merit and intends to contest the matter vigorously.

On May 7, 2002, a shareholder filed a derivative lawsuit purportedly on behalf of the Company against five of its current directors, two former directors and two former officers. This lawsuit is titled *Campbell vs. Rakib, et al.*, and is pending in the California Superior Court, Santa Clara County. The Company is a nominal defendant in this lawsuit, which alleges claims relating to essentially the same purportedly misleading statements that are at issue in the pending securities class action. In that litigation, the Company disputes making any misleading statements. The derivative complaint also alleges claims relating to stock sales by certain of the director and officer defendants.

On July 12, 2002, a shareholder filed a derivative lawsuit purportedly on behalf of the Company against three of its current directors, one former officer and three former investors. This lawsuit is titled *O'Brien vs. Rakib, et al.*, and is pending in the California Superior Court, San Francisco County. The Company is a nominal defendant in this lawsuit, which alleges claims relating to essentially the same purportedly misleading statements that are at issue in the pending securities class action. In that litigation, the Company disputes making any misleading statements. The derivative complaint also alleges claims relating to stock sales by certain of the director and officer defendants. The plaintiff in the *O'Brien* case has dismissed the investor defendants without prejudice.

Since the *Campbell* and *O'Brien* cases were filed, the parties have taken steps to have these cases consolidated in the California Superior Court, County of Santa Clara. On October 4, 2002, the California Superior Court, County of San Francisco entered an order providing for the transfer of the *O'Brien* case. On October 29, 2002, plaintiff in the *O'Brien* case submitted certain materials to the California Superior Court, County of Santa Clara to effectuate that transfer, which is now complete. The *O'Brien* case is now consolidated with the *Campbell* case.

The Company believes that there are many defects in the *Campbell* and *O'Brien* derivative complaints.

On September 3, 2002, Uniscor Ltd. (an Israeli company under voluntary liquidation) and Flextronics (Israel) Ltd., an Israeli company, (Flextronics) filed a claim with the Tel Aviv District Court in Israel against the Company and Radwiz Ltd, the Company's subsidiary, alleging that damages of NIS 25,000,000 (approximately \$5.0 million US dollars) were inflicted on them by the Company's alleged failure to comply with its contractual obligations to accept and pay for components manufactured by Flextronics in the first quarter of 2001 pursuant to projections it had received from Radwiz. The Company filed a statement of defense denying the allegations, after which the parties accepted the Court's recommendation to transfer the case to non-binding mediation.

On January 19, 2003, Omniband Group Limited, a Russian company, (Omniband) filed a request for arbitration with the Zurich Chamber of Commerce, claiming damages in an amount of \$2,094,970 allegedly caused by the Company's breach of an agreement to sell to Omniband certain equipment pursuant to an agreement between Omniband and Radwiz, dated February 22, 2000. The Company believes that the allegations are baseless and intends to present a vigorous defense in the arbitration proceedings.

The Company, as well as its customers, has received letters from third parties claiming that the Company's technology and products infringe on the third parties' patents. The Company has consulted with its patent counsel and is in the process of reviewing the allegations made by such third parties. The Company does not know whether the third parties will pursue their claims of patent infringement in court, and if they do, whether the Company would be found to infringe the third parties' patents. If the Company is found to have infringed such third party patents, the Company could be subject to substantial damages and/or an injunction preventing us from selling our products and conducting our business. Additionally, such third parties and additional third parties could assert infringement claims against the Company in the future. Any such claim of patent infringement, whether meritorious or not, could be time-consuming, result in costly litigation, cause product shipment delays or require the Company to enter into royalty or licensing agreements. Such royalty or licensing agreements may not be available on terms acceptable to the Company or at all.

The Company is currently a party to various other legal proceedings, in addition to those noted above, and may become involved from time to time in other legal proceedings in the future. While the Company currently believes that the ultimate outcome of these other proceedings, individually and in the aggregate, will not have a material adverse effect on the Company's financial position or overall results of operations, litigation is subject to inherent uncertainties. Were an unfavorable ruling to occur in any of the Company's legal proceedings, there exists the possibility of a material adverse impact on the Company's results of operations for the period in which the ruling occurs. The estimate of the potential impact on the Company's financial position or overall results of operations for any of the above legal proceedings could change in the future.

**Table of Contents****3. Operating Segment Information**

Since late 2000, the worldwide telecom and satellite industries have experienced severe downturns that have resulted in significantly reduced purchases of new broadband equipment. Because of this overall drop in demand, the Company has refocused its efforts on the cable industry, and has significantly reduced its investment in the telecom and satellite businesses. Consequently, beginning in 2003, the Company's previously reported Telecom segment no longer meets the quantitative threshold for disclosure and the Company now operates as one business segment. Therefore, operating segment disclosure for the three and six months ended June 30, 2003 is not provided.

Prior to December 31, 2002, the Company operated primarily in two principal operating segments: Cable Broadband Access Systems (Cable) and Telecom Carrier Access Systems (Telecom). The Cable segment consisted primarily of TeraComm System, TJ line of DOCSIS cable modems, Bluewave line of DOCSIS Cable Modem Termination Systems (CMTS), and the CherryPicker family of Digital Video Management Systems that are sold primarily to cable operators for the deployment of data, video and voice services over the existing cable infrastructure. The Telecom segment consisted primarily of MiniPlex DSL Systems, IPTL Converged Voice and Data Service System and Mainsail products, which are sold to providers of broadband services for the deployment of voice and data services over the existing copper wire infrastructure. The Company determined these reportable operating segments based upon how the businesses were managed and operated.

Information on reportable segments is as follows (in thousands):

	<b>Three months ended June 30, 2002</b>	<b>Six months ended June 30, 2002</b>
<b>Cable Broadband Access Segment:</b>		
Total Cable revenues	\$ 19,203	\$ 73,828
Depreciation expense	\$ 2,582	\$ 5,067
Operating loss	\$(29,240)	\$(29,897)
<b>Telecom Broadband Access Segment:</b>		
Total Telecom revenues	\$ 3,204	\$ 5,797
Depreciation expense	\$ 304	\$ 667
Operating loss	\$ (3,156)	\$ (6,435)
Total revenues	\$ 22,407	\$ 79,625
Total depreciation expense	\$ 2,886	\$ 5,734
<b>Operating loss:</b>		
Operating loss by reportable segments	\$(32,396)	\$(36,332)
<b>Unallocated amounts:</b>		
Interest and other income (expense), net	(4,564)	(4,712)
Gain on early retirement of debt	33,276	33,276
Income tax expense	(1)	(7)
<b>Net loss</b>	<b>\$ (3,685)</b>	<b>\$ (7,775)</b>



**Table of Contents**

	Three months ended June 30,		Six months ended June 30,	
	2003	2002	2003	2002
Revenues by product:				
CMTS products	\$ 8,631	\$ 5,619	\$13,199	\$19,692
Subscriber products	17,004	9,764	30,649	43,573
Video products	3,699	3,818	6,532	10,298
Other products	1,265	3,206	2,487	6,062
Total revenues	<u>\$30,599</u>	<u>\$22,407</u>	<u>\$52,867</u>	<u>\$79,625</u>
Revenues by geographic areas:				
United States	\$17,672	\$ 6,261	\$31,179	\$14,951
Canada	(309)	2,861	736	10,567
Europe	7,369	4,548	10,700	12,624
Israel	399	268	811	268
Japan	3,646	7,009	6,812	27,960
Asia, excluding Japan	1,811	1,455	2,610	12,813
South America	11	5	19	442
Total	<u>\$30,599</u>	<u>\$22,407</u>	<u>\$52,867</u>	<u>\$79,625</u>

	December 31, 2002
Assets:	
Cable Broadband Access Segment	\$217,531
Telecom Broadband Access Segment	58,179
Total assets	<u>\$275,710</u>

	June 30, 2003	December 31, 2002
Long-lived assets:		
United States	\$ 21,831	\$ 28,169
Canada	699	787
Europe	168	170
Israel	3,274	3,442
Asia	123	207
South America		118
Total long-lived assets	<u>26,095</u>	<u>32,893</u>
Total current assets	<u>199,799</u>	<u>242,817</u>
Total assets	<u>\$225,894</u>	<u>\$275,710</u>

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Five customers accounted for 10% or more of total revenues (16%, 13%, 13%, 13%, and 12%) for the three months ended June 30, 2003. Three customers accounted for 10% or more of total revenues (28%, 11%, and 10%) for the three months ended June 30, 2002. Four customers accounted for 10% or more of total revenues (20%, 13%, 12%, and 11%) for the six months ended June 30, 2003. One customer accounted for 10% or more of total revenues (34%) for the six months ended June 30, 2002. No other customer accounted for more than 10% of revenues during these periods.

#### **4. Restructuring Charges and Asset Write-offs**

##### *Restructuring*

##### **2003 Restructuring**

During the first quarter of 2003, the Company's Board of Directors approved a new restructuring plan to continue to conform the expense and revenue levels and to better position the Company for future growth and eventual profitability. The Company incurred restructuring charges in the amount of \$2.7 million related to employee termination costs. At June 30, 2003, restructuring charges of \$7,000 remain accrued. As of June 30, 2003, the employment of 81 employees has been terminated throughout the Company, and the Company paid \$2.7 million in termination costs. In the second quarter of 2003, the

**Table of Contents**

Company reversed \$86,000 of previously accrued termination costs. The Company anticipates that the remaining employee termination costs related to employee benefits will be paid in the third quarter of 2003.

A summary of the 2003 accrued restructuring charges is as follows (in thousands):

	<b>Involuntary Terminations</b>
Total charge	\$ 2,745
Recovery of charge	(86)
Cash payments	(2,652)
Balance at June 30, 2003	\$ 7

**2002 Restructuring**

During the third quarter of 2002, the Company's Board of Directors approved a restructuring plan to conform the expense and revenue levels and to better position the Company for future growth and eventual profitability. The Company incurred restructuring charges in the amount of \$3.6 million of which \$2.3 million related to employee termination costs and the remaining \$1.3 million related to costs for excess leased facilities. At June 30, 2003, restructuring charges of \$1.2 million remain accrued. As of June 30, 2003, the employment of all 153 employees has been terminated throughout the Company, and the Company paid \$2.2 million in termination costs and \$0.2 million in excess facility costs. The Company anticipates the remaining restructuring accrual, primarily relating to excess leased facilities, will be utilized for servicing operating lease payments or negotiated buyout of operating lease commitments, through 2005.

The following table summarizes the costs and activities during 2003, related to the 2002 restructuring (in thousands):

	<b>Involuntary Terminations</b>	<b>Excess Leased Facilities and Cancelled Contracts</b>	<b>Total</b>
Balance at December 31, 2002	\$ 88	\$ 1,422	\$ 1,510
Cash Payments	(88)	(219)	(307)
Balance at June 30, 2003	\$	\$ 1,203	\$ 1,203

**2001 Restructuring**

During 2001, the Company's Board of Directors approved a restructuring plan to streamline the Company's organizational structure worldwide. The Company incurred restructuring charges in the amount of \$12.7 million in fiscal year 2001 of which \$4.3 million remained accrued at June 30, 2003. Of the total restructuring charges recorded during fiscal year 2001, \$3.2 million related to employee termination costs throughout the Company, and the remaining \$9.5 million related primarily to costs for excess leased facilities. The Company anticipates utilizing the remaining restructuring accrual, which relates to servicing operating lease payments or negotiated buyout of operating lease commitments, through 2005.

The following table summarizes the costs and activities during 2003, related to the 2001 restructuring (in thousands):

**Table of Contents**

	<b>Excess Leased Facilities and Cancelled Contracts</b>	<b>Total</b>
	<hr/>	<hr/>
Balance at December 31, 2002	\$5,243	\$5,243
Recovery of charge	(29)	(29)
Cash Payments	(918)	(918)
	<hr/>	<hr/>
Balance at June 30, 2003	\$4,296	\$4,296
	<hr/>	<hr/>

**Asset Write-offs**

For the six months ended June 30, 2003, the Company wrote off \$0.5 million of fixed assets, which were determined to have no remaining useful life. The Company did not write-off any fixed assets in the three months ended June 30, 2003. For the three and six months ended June 30, 2002, the Company wrote off \$1.1 million of fixed assets, which were determined to have no remaining useful life.

**5. Advertising**

In December 2001, the Company entered into co-marketing arrangements with Shaw Communications, Inc. (Shaw) and Rogers Communications, Inc. (Rogers), which was then a related party (see Note 6). The Company paid \$7.5 million to Shaw and \$0.9 million to Rogers, and recorded these amounts as other current assets. In July 2002, the Company began amortizing these prepaid assets and charging them against Cable revenues in accordance with EITF 01-09, Accounting for Consideration given by a Vendor to a Customer or Reseller in Connection with the Purchase or Promotion of the Vendor's Products. The Company will continue to charge the amortization of these assets against revenues in each of the next two quarters through December 31, 2003, the term of the related arrangements, at the rate of \$1.4 million per quarter. Amounts charged against revenues in the three and six months ended June 30, 2003, totaled approximately \$1.4 million and \$2.8 million, respectively.

**6. Related Party Transactions**

Lewis Solomon, a member of the Company's Board of Directors and chairman of the Company's Audit Committee is also a member of the Board of Directors of Harmonic, Inc. (Harmonic). In April 2002, the Company entered into a reseller agreement with Harmonic to sell certain of the Company's products. The agreement appoints Harmonic as an authorized, non-exclusive reseller of certain of the Company's video products. For the three and six months ended June 30, 2003, related party revenue includes \$0.6 million and \$1.0 million, respectively, of revenue from Harmonic. The Company recorded \$70,000 and \$0.1 million, respectively of revenue related to Harmonic for the three and six months ended June 30, 2002.

Alek Krstajic, a member of the Company's Board of Directors, was the Senior Vice President of Interactive Services, Sales and Product Development for Rogers until January 2003. For the three months ended June 30, 2003 the Company did not recognize revenue related to Rogers as related party revenue as Rogers was no longer considered to be a related party. For the six months ended June 30, 2003, the Company recognized \$1.3 million of Rogers's related party revenue, net of amortization of co-marketing expense (See Note 5). For the three and six months ended June 30, 2002, the Company recognized revenue of \$0.2 million and \$5.8 million, respectively in connection with product shipments to Rogers.

Cost of related party product revenues in the Company's consolidated statements of operations consists only of direct product costs. No indirect costs are applied to the cost of related party product revenue. Accounts receivable from Harmonic totaled approximately \$0.6 million at June 30, 2003. Accounts receivable from Rogers totaled approximately \$0.3 million at June 30, 2002. There were no

**Table of Contents**

accounts receivable from Harmonic at June 30, 2002. None of the related parties is a supplier to the Company.

**7. Product Warranties**

The Company provides for estimated product warranty expenses when it sells the related products. Because warranty estimates are forecasts that are based on the best available information - mostly historical claims experience - claims costs may differ from amounts provided. An analysis of changes in the liability for product warranties for the six months ended June 30, 2003, is as follows (in thousands):

	<b>Balance at December 31, 2002</b>	<b>Additions Charged to Costs and Expenses</b>	<b>Charges for Warranty Services Provided</b>	<b>Balance at June 30, 2003</b>
Warranty reserve	\$8,607	956	(1,390)	\$8,173

**8. Subsequent Event**

In July 2003, the Company discontinued its Mainsail line of products and entered into an agreement with a third party to supply warranty services for the Mainsail products. The Company does not expect this transaction to have a material impact on the Company's results of operations.

In July 2003, the Company entered into an agreement with Verilink Corporation (Verilink) to sell certain assets to Verilink for up to a maximum of \$0.9 million. The Company received \$0.45 million in July 2003 and will receive additional payments totaling up to \$0.45 million through December 31, 2004. The assets were originally acquired through the Company's acquisition of Access Network Electronics (ANE) in February 2000. Additionally, Verilink agreed to purchase at least \$2.1 million of related inventory from the Company on or before December 31, 2004.

As part of this agreement, Verilink agreed to assume all warranty obligations related to ANE products sold prior to, on, or after July 2003. The Company agreed to reimburse Verilink for up to \$2.4 million of certain warranty obligations for ANE products sold prior to July 2003.

**Table of Contents**

**ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

The following discussion and analysis should be read in conjunction with our condensed consolidated financial statements and notes thereto.

**Overview**

We are an experienced partner for broadband service providers, but are primarily focused on cable operators. Our mission is to deliver innovative broadband data, video and voice solutions for the deployment of revenue-generating services today and tomorrow. We sell our products to cable operators and other providers of broadband services through direct sales forces in North America, Europe and Asia. We also distribute our products through resellers and system integrators. Our products consist of Data Over Cable Service Interface Specification (DOCSIS) standards based products, our proprietary Synchronous Code Division Multiple Access (S-CDMA) products, our CherryPicker digital video management system and the Multigate telephony and data access system, which are sold primarily to cable operators for the deployment of data, video and voice services over the existing cable infrastructure.

Since late 2000, the worldwide telecom and satellite industries have experienced severe downturns that have resulted in significantly reduced purchases of new broadband equipment. Because of this overall drop in demand, we have refocused our efforts on the cable industry, and have significantly reduced our investment in the telecom and satellite businesses. The Telecom segment no longer meets the quantitative threshold for disclosure. Consequently, beginning in 2003, we operate as one business segment.

Our customers, which primarily consist of U.S. and international cable operators, are currently moving towards products which are standards-based or, in other words, based on a set of generally accepted industry standards. We have developed a new line of products that incorporate the DOCSIS standard technologies and to establish ourselves through this new product line as a supplier to the DOCSIS market. Currently, we are the only vendor to the cable industry with a DOCSIS 2.0 qualified Cable Modem Termination Systems (CMTS) and a complete, end-to-end DOCSIS 2.0 cable data system. Our revenues from proprietary S-CDMA systems are declining as we are in a transitional period of launching our DOCSIS-based systems. As a supplier of standards-based products, we face a more competitive market. These standards are shared, at no cost, with us and our competitors, which means that it will be increasingly difficult for us to differentiate our products to compete with other companies who are producing similar products. Consequently, we will need to find other ways (i.e. price, quality, level of service) to differentiate ourselves from our competitors. In the current marketplace, we have been affected by the move to standards-based products through increased competition, which has driven down average selling prices (ASPs) sharply. These ASP decreases, without a corresponding decrease in the cost of good sold, could cause us to not be successful in transitioning to a standards-based technology.

We had a net loss of \$13.1 million and \$3.7 million for the three months ended June 30, 2003 and June 30, 2002, respectively, and a net loss of \$37.1 million and \$7.8 million for the six months ended June 30, 2003 and June 30, 2002, respectively. We had an accumulated deficit of \$974.3 million as of June 30, 2003. Our operating expenses are based in part on our current expectations of future sales, and we expect that a significant portion of our expenses will be committed in advance of sales. We anticipate that we will spend approximately \$3.0 million to \$5.0 million on capital expenditures during the year ending December 31, 2003. Anticipated capital expenditures consist of purchases of computer hardware, furniture and leasehold improvements for our facilities, and software and equipment. We expect to continue to incur losses for the foreseeable future.

**Critical Accounting Policies**

There have been no material changes to our critical accounting policies and estimates as disclosed in our report on Form 10-K for the year ended December 31, 2002.

**Table of Contents****Results of Operations****Three and Six Months Ended June 30, 2003 and 2002****Revenues**

	For the three months		For the six months		% Change	% Change
	ended		ended		for the	for the
	June 30,		June 30,		three	six months
	2003	2002	2003	2002	months	ended
					ended June	June 30
					30,	2002/2003
					2002/2003	2002/2003
Product revenues	\$30,599	\$22,407	\$52,867	\$79,625	37%	(34)%

We sell our products directly to broadband service providers, and to a lesser extent, resellers and system integrators. Revenues related to product sales are recognized when: (1) persuasive evidence of an arrangement exists, (2) delivery has occurred or services rendered, (3) the selling price is fixed or determinable, and (4) collectibility is reasonably assured. A provision is made for estimated product returns as product shipments are made. Our existing agreements typically do not grant return rights beyond those provided by the warranty.

Revenues consist primarily of sales of products to new and existing customers providing broadband services. Our revenues increased 37% to \$30.6 million for the three months ended June 30, 2003 from \$22.4 million in the same period in 2002. This increase in total revenues is primarily due to increased sales of DOCSIS CMTS and modems in North America and Asia, sales of our legacy S-CDMA modems, and Multigate circuit-switched cable telephony systems. Five customers accounted for 67% of our total revenues for the three months ended June 30, 2003. Three customers accounted for 49% of our total revenues for the three months ended June 30, 2002.

Revenues decreased 34% to \$52.9 million for the six months ended June 30, 2003 from \$79.6 million in the same period in 2002. This decrease in total revenues was primarily due to the slowdown in the general economy, constraints on technology-related capital spending by cable service providers, and increased competition. Additionally, our decrease in revenue in the first six months of 2003 continues to reflect the challenge of transitioning from our proprietary products to standards-based products during a period of difficult market conditions including significant declines in the Average Selling Prices (ASPs) of our modems over the past two years. However, this decrease was partially offset by an increase in the volume of modems sold in the second quarter of 2003. Four customers accounted for 56% of our total revenues for the six months ended June 30, 2003. One customer accounted for 34% of our total revenues for the six months ended June 30, 2002.

During 2002, the cable industry moved to purchasing more standards-based DOCSIS CMTS, cable modem, and voice products, which caused declines in sales of our proprietary-based S-CDMA products. As such, we are transitioning from being a manufacturer of proprietary products to developing, producing and marketing DOCSIS-based products. This transition will be largely complete by the end of 2003.

In 2002, we faced increasingly strong competition from multiple vendors, which unfavorably impacted our revenues. Further, in 2002, the intensely competitive nature of the market for broadband products resulted in significant price erosion. Consequently, since 2002, we have been unfavorably impacted by declines in ASPs, particularly for our modems. In recent months, we have seen the rate of decline in modem ASPs moderate, however, ASPs are down significantly for the six months ended June 30, 2003 as compared to June 30, 2002. A key component of our strategy is to decrease the cost of manufacturing our products to offset the declines in ASPs. We have begun to execute on this strategy and intend to continue to implement cost reduction efforts, including design changes and manufacturing efficiencies. However, there is no guarantee that our ongoing efforts in cost reduction will be successful or that they will keep pace with the anticipated continued decline in ASPs.

**Table of Contents**

	For the three months		For the six months		% Change for the three months ended June 30, 2002/2003	% Change for the six months ended June 30, 2002/2003
	ended June 30,		ended June 30,		ended June 30,	ended June 30
	2003	2002	2003	2002	2002/2003	2002/2003
Related party revenues:						
Rogers revenues	\$ 211	\$ 211	\$ 1,454	\$ 5,820		(75) %
Harmonic revenues	635	70	1,010	120	807 %	742 %
Co-marketing agreement			(153)			
Total related party revenues	\$ 635	\$ 281	\$ 2,311	\$ 5,940	126%	(61)%

Related party revenues in 2002 and the first quarter of 2003 include revenues from Rogers Communications, Inc. (Rogers) and Harmonic, Inc. (Harmonic). Alek Krstajic, a member of our board of directors, was the Senior Vice President of Interactive Services, Sales and Product Development for Rogers until January 2003. Effective in the second quarter of 2003, Rogers is no longer a related party to us. Consequently revenues from Rogers are not included in related party revenue in the second quarter of 2003. Harmonic is a related company and revenue generated from Harmonic is included in the related party revenue as Lewis Solomon, another member of our board of directors, is also a member of the board of directors of Harmonic.

Related party revenues increased 126% to \$0.6 million for the three months ended June 30, 2003 from \$0.3 million in the same period in 2002 due to increased sales to Harmonic. Related party revenues decreased 61% to \$2.3 million for the six months ended June 30, 2003 from \$5.9 million in the same period in 2002. The decline in related party revenues in 2003 compared to 2002 is primarily due to decreased sales to Rogers, Rogers no longer being a related party to us in the second quarter of 2003, as well as the same economic and competitive pressures discussed above. None of our related parties is a supplier to us.

In December 2001, we entered into co-marketing arrangements with Shaw Communications, Inc. (Shaw) and Rogers Communications, Inc. (Rogers). We paid \$7.5 million to Shaw and \$0.9 million to Rogers, and recorded these amounts as other current assets. In July 2002, we began amortizing these prepaid assets and charging them against revenues in accordance with EITF 01-09, Accounting for Consideration given by a Vendor to a Customer or Reseller in Connection with the Purchase or Promotion of the Vendor's Products. We will continue to charge the amortization of these assets against revenues in each of the next two quarters through December 31, 2003 at the rate of \$1.4 million per quarter. Amounts charged against revenues in the three and six months ended June 30, 2003, totaled approximately \$1.4 million and \$2.8 million, respectively.

**Cost of Goods Sold**

	For the three months		For the six months		% Change for the three months ended June 30, 2002/2003	% Change for the six months ended June 30, 2002/2003
	ended June 30,		ended June 30,		ended June 30,	ended June 30
	2003	2002	2003	2002	2002/2003	2002/2003
Cost of product revenues	\$ 23,577	\$ 22,417	\$ 42,383	\$ 49,008	5%	(14)%
Cost of related party product revenues	159	17	945	5,153	835%	(82)%



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Total cost of goods sold	\$23,736	\$22,434	\$43,328	\$54,161	6%	(20)%
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**Table of Contents**

Cost of goods sold consists of direct product costs as well as the cost of our manufacturing operations. The cost of manufacturing includes contract manufacturing, test and quality assurance for products, warranty costs and associated costs of personnel and equipment. Cost of goods sold for the three and six months ended June 30, 2003, included a reversal of \$3.3 million and \$6.2 million, respectively of special charges previously taken for vendor cancellation charges and inventory considered to be in excess and obsolete. We were able to negotiate downward certain vendor cancellation claims to terms more favorable to us. Cost of goods sold for the three and six months ended June 30, 2002, included a reversal of special charges of \$1.1 million and \$12.5 million, respectively. We were able to reverse these provisions, as we were able to sell inventory originally considered to be in excess and obsolete. Additionally, we wrote-off \$5.8 million and \$9.0 million, respectively of inventory considered to be in excess and obsolete in the six months ended June 30, 2003 and June 30, 2002. Cost of related party product revenues consists only of direct product costs. No indirect costs are applied to the cost of related party product revenue.

**Gross Profit**

	For the three months		For the six months		%	%
	ended		ended		Change	Change
	June 30,	2002	June 30,	2002	for the	for the
	2003		2003	2002	three	six
					months	months
					ended	ended
					June	June 30
					30,	2002/2003
					2002/2003	2002/2003
Gross profit (loss)	\$6,863	\$(27)	\$9,539	\$25,464		(63)%

We achieved a gross profit of \$6.9 million or 22% of revenues for the three months ended June 30, 2003 compared to a gross loss of \$27,000 for the three months ended June 30, 2002. We achieved a gross profit of \$9.5 million or 18% of revenues for the six months ended June 30, 2003 compared to a gross profit of \$25.5 million or 32% of revenues for the six months ended June 30, 2002. The increase in gross profit in the second quarter of 2003 was primarily attributable to a corresponding 37% increase in revenue in the same period in 2003 due to increased sales of higher margin CMTS and video products. This increase in gross profit was also related to a \$3.3 million reversal of special charges in the second quarter of 2003 compared to a \$1.1 million reversal of special charges in the second quarter of 2002. We were able to reverse these provisions as we were able to negotiate downward certain vendor cancellation claims to terms more favorable to us, and were able to sell inventory originally considered to be in excess and obsolete. The decrease in gross profit in the six months ended June 30, 2003 was primarily attributable to a 34% decrease in revenue in the same period in 2002 related to a decline in ASPs since the beginning of 2002. This decrease in gross profit was also related to a \$6.2 million reversal of special charges in the six months ended June 30, 2003 compared to a \$12.5 million reversal of special charges in the six months ended June 30, 2002. Although ASPs for our modems appear to have temporarily stabilized, during 2003, we may again see further decreases in our ASPs and continued pressure on our margins. We hope to mitigate pressure on our margins by producing lower cost products and increase revenues generated by our higher-margin head-end and video products. Any ASP decreases, without a corresponding decrease in our product costs, will likely have an adverse impact on our operating results through at least 2003.

**Operating Expenses**

	For the three months		For the six months		%	%
	ended		ended		Change	Change
	June 30,	2002	June 30,	2002	for the	for the
	2003		2003	2002	three	six
					months	months
					ended	ended
					June	June 30
					30,	2002/2003
					2002/2003	2002/2003
Research and development	\$ 10,432	\$ 14,704	\$ 23,434	\$ 31,644	(29)%	(26)%
Sales and marketing	\$ 6,560	\$ 10,141	\$ 13,290	\$ 18,994	(35)%	(30)%
General and administrative	\$ 3,000	\$ 3,552	\$ 6,728	\$ 7,186	(16)%	(6)%



**Table of Contents**

*Research and Development.* Research and development expenses consist primarily of personnel costs, internally designed prototype material expenditures, outside engineering consultants, equipment and supplies required to develop and enhance our products. Research and development expenses decreased 29% to \$10.4 million or 34% of sales for the three months ended June 30, 2003, compared to \$14.7 million or 66% of sales for the three months ended June 30, 2002. The decrease in research and development expenses was attributable to \$1.7 million of reductions in employee related expenses due to the lower headcount related to the restructuring in March 2003, partially offset by an increase of \$0.1 million attributable to the Executive Compensation Plan adopted in the second quarter of 2003, and a reduction of \$0.1 million of outside engineering consultants. The decrease in research and development expense also included \$1.1 million of reductions in purchases of materials, costs incurred to develop prototypes, and other research and development expenses. Additionally, we have reduced research and development efforts by \$1.5 million due to market conditions in the Telecom sector. Research and development expenses decreased 26% to \$23.4 million or 44% of sales for the six months ended June 30, 2003, compared to \$31.6 million or 40% of revenue for the six months ended June 30, 2002. The decrease in research and development expenses was attributable to \$2.3 million of reductions in employee related expenses, partially offset by an increase of \$0.1 million attributable to the Executive Compensation Plan adopted in the second quarter of 2003, and a reduction of \$0.5 million of outside engineering consultants. The decrease in research and development expense also included \$3.2 million of reductions in purchases of materials, costs incurred to develop prototypes, and other research and development expenses. Additionally, we have reduced research and development efforts by \$2.3 million due to market conditions in the Telecom sector. We believe it is critical to continue to make significant investments in research and development to create innovative technologies and products that meet the current and future requirements of our customers. Accordingly, we intend to continue our investment in research and development primarily related to DOCSIS standards-based and other products.

*Sales and Marketing.* Sales and marketing expenses consist primarily of salaries and commissions for sales personnel, marketing and support personnel, and costs related to trade shows, consulting and travel. Sales and marketing expenses decreased 35% to \$6.6 million or 21% of revenue for the three months ended June 30, 2003, compared to \$10.1 million or 45% of revenue for the three months ended June 30, 2002. The decrease in sales and marketing expenses was primarily due to \$2.2 million in reduced employee expenses due to lower headcount related to the restructuring, partially offset by an increase of \$0.2 million attributable to the Executive Compensation Plan adopted in the second quarter of 2003, \$0.2 million of decreased spending for outside consultants, \$0.4 million of decreased travel costs, and \$0.8 million of overall sales and marketing cost reductions. Additionally, the cost related to the operation of the corporate aircraft decreased \$0.1 million to \$1.0 million in the three months ended June 30, 2003 from \$1.1 million in the three months June 30, 2002. Sales and marketing expenses decreased 30% to \$13.3 million or 25% of revenue for the six months ended June 30, 2003, compared to \$19.0 million or 24% of revenue for the six months ended June 30, 2002. The decrease in sales and marketing expenses was primarily due to \$3.9 million in reduced employee expenses due to lower headcount related to the restructuring, partially offset by an increase of \$0.2 million attributable to the Executive Compensation Plan adopted in the second quarter of 2003, \$0.5 million of decreased spending for outside consultants, \$0.7 million of decreased travel costs, and \$1.0 million of overall sales and marketing cost reductions. Additionally, the cost related to the operation of the corporate aircraft increased \$0.2 million to \$1.8 million in the first six months of 2003 from \$1.6 million in the first six months of 2002.

*General and Administrative.* General and administrative expenses consist primarily of compensation and benefits for administrative officers and support personnel, travel expenses and legal, accounting and consulting fees. General and administrative expenses decreased 16% to \$3.0 million or 10% of revenue for the three months ended June 30, 2003, compared to \$3.6 million or 16% of revenue for the first three months ended June 30, 2002. The decrease was primarily due to \$0.8 million in reduced employee expenses due to lower headcount related to the restructuring, partially offset by an increase of \$0.3 million attributable to the Executive Compensation Plan adopted in the second quarter of 2003, \$0.3 million of decreased spending for outside consultants, and \$0.1 million of overall general and administrative cost decreases, partially offset by \$0.3 million of severance expense related to the termination of an officer. General and administrative expenses decreased 6% to \$6.7 million or 13% of revenue for the six months ended June 30, 2003, compared to \$7.2 million or 9% of revenue for the first six months ended June 30, 2002. The decrease was primarily due to \$0.7 million in reduced employee expenses due to lower headcount related to the restructuring, partially offset by an increase of \$0.3 million attributable to the Executive Compensation Plan adopted in the second quarter of 2003, \$0.8 million of decreased spending for outside consultants, partially offset by \$0.3 million of severance expense related to the termination of an officer, and \$0.4 million of overall general and administrative cost increases.

**Table of Contents***Restructuring Costs and Asset Write-offs*

	For the three months ended June 30,		For the six months ended June 30,	
	2003	2002	2003	2002
Restructuring charges (recovery)	\$ (115)	\$2,857	\$2,561	\$2,857
Long-lived asset write-offs		1,115	485	1,115
Restructuring costs and asset write-offs	\$ (115)	\$3,972	\$3,046	\$3,972

*2003 Restructuring Costs*

During the first quarter of 2003, our Board of Directors approved a restructuring plan to conform our expense and revenue levels and to better position us for future growth and eventual profitability. We incurred restructuring charges in the amount of \$2.7 million related to employee termination costs. At June 30, 2003, restructuring charges of \$7,000 remain accrued. As of June 30, 2003, the employment of 81 employees has been terminated throughout the Company, and we paid \$2.7 million in termination costs. In the second quarter of 2003, we reversed \$86,000 of previously accrued termination costs due to this restructuring as well as \$29,000 of costs from a previous restructuring in 2001. We anticipate that the remaining employee termination costs related to employee benefits will be paid in the third quarter of 2003. We believe we will realize annualized savings of approximately \$8 million to \$12 million from these actions combined with related operational savings, including the curtailment of certain programs and discretionary expenditures.

A summary of the 2003 accrued restructuring charges is as follows (in thousands):

	<b>Involuntary Terminations</b>
Total charge	\$ 2,745
Recovery of charge	(86)
Cash payments	(2,652)
Balance at June 30, 2003	\$ 7

*Asset Write-offs*

For the six months ended June 30, 2003, we wrote off \$0.5 million of fixed assets, which were determined to have no remaining useful life. We did not write-off any fixed assets in the three months ended June 30, 2003. For the three and six months ended June 30, 2002, we wrote off \$1.1 million of fixed assets, which were determined to have no remaining useful life.

*Other Restructuring Activities*

During 2002 and 2001, the Company's Board of Directors approved two restructuring plans to conform the expense and revenue levels and to better position the Company for future growth and eventual profitability.

The following table summarizes the costs and activities during 2003, related to the 2002 and 2001 restructuring (in thousands):

**Excess  
Leased  
Facilities  
and**

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	<u>Involuntary Terminations</u>	<u>Cancelled Contracts</u>	<u>Total</u>
Balance at December 31, 2002	\$ 88	\$ 6,665	\$ 6,753
Recovery of charge		(29)	(29)
Cash Payments	(88)	(1,137)	(1,225)
	<u>          </u>	<u>          </u>	<u>          </u>
Balance at June 30, 2003	\$	\$ 5,499	\$ 5,499
	<u>          </u>	<u>          </u>	<u>          </u>

The Company anticipates the remaining restructuring accrual, primarily relating to excess leased facilities, will be utilized for servicing operating lease payments or negotiated buyout of operating lease commitments, through 2005.

**Table of Contents****Non-operating Expenses**

	For the three months ended June 30,		For the six months ended June 30,		% Change for the three months ended June 30, 2002/2003	% Change for the six months ended June 30 2002/2003
	2003	2002	2003	2002		
	Interest income	\$ 909	\$ 2,013	\$ 1,811		
Interest expense	\$(814)	\$(2,177)	\$(1,651)	\$(4,357)	(63)%	(62)%
Other expense	\$(160)	\$(4,400)	\$ (200)	\$(4,465)	(96)%	(96)%

*Interest Income.* Interest income decreased 55% to \$0.9 million for the three months ended June 30, 2003 from \$2.0 million in the same period in 2002. Interest income decreased 56% to \$1.8 million for the six months ended June 30, 2003 from \$4.1 million in the same period in 2002. The decrease in interest income was primarily due to usage of cash for operations, lower interest rates, as well as lower invested average cash balances due largely to the use of cash to repurchase Convertible Subordinated Notes (Notes) in 2001 and 2002.

*Interest Expense.* Interest expense, which relates primarily to interest on our Notes due in 2007, decreased 63% to \$0.8 million for the three months ended June 30, 2003 from \$2.2 million in the same period in 2002. Interest expense decreased 62% to \$1.7 million for the six months ended June 30, 2003 from \$4.4 million in the same period in 2002, primarily due to the repurchase of a total of \$434.9 million of the Notes in 2001 and 2002.

*Other Expense.* Other expense is comprised primarily of realization of foreign currency translations and permanent gains or losses on investments. Other expense decreased 96% in the three and six months ended June 30, 2003 compared to the same periods in 2002, primarily due to a write-down of a \$4.5 million in long-term investment, due to impairment, in the second quarter of 2002, as well as favorable currency rates in Brazil in 2003.

**Income Taxes**

	For the three months ended June 30,		For the six months ended June 30,	
	2003	2002	2003	2002
	Income Taxes	\$ (60)	\$ (1)	\$(129)

We have generated operating losses since our inception. In the three and six months ended June 30, 2003 and June 30, 2002, we recorded an income tax expense, which was related to foreign taxes.

**Litigation**

Beginning in April 2000, several plaintiffs filed lawsuits against us and certain of our officers and directors in federal court. The plaintiff in the first of these lawsuits purported to represent a class whose members purchased our securities between February 2, 2000 and April 11, 2000. The complaint alleged that the defendants had violated the federal securities laws by issuing materially false and misleading statements and failing to disclose material information regarding our technology. The allegations in the other lawsuits were substantially the same and, on August 24, 2000, all of these lawsuits were consolidated in the United States District Court, Northern District of California. The court hearing the consolidated action has appointed lead plaintiffs and lead plaintiffs' counsel pursuant to the Private Securities Litigation Reform Act.

On September 21, 2000, the lead plaintiffs filed a consolidated class action complaint containing factual allegations nearly identical to those in the original lawsuits. The consolidated class action complaint, however, alleged claims on behalf of a class whose members purchased or otherwise acquired our securities between November 15, 1999 and April 11, 2000. On October 30, 2000, defendants moved to dismiss the consolidated class action complaint. On March 14, 2001, after defendants' motion had been fully briefed and argued, the court issued an order granting in part defendants' motion and giving plaintiffs leave to file an amended complaint. On April 13, 2001, plaintiffs filed their first

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amended consolidated class action complaint. On June 15, 2001, defendants moved to dismiss this new complaint and oral argument on the motion occurred on December 17, 2001. On March 29, 2002, the court denied the defendants' motion to dismiss. On February 24, 2003, the court certified the plaintiffs' proposed class. Since then, the parties have completed nearly all discovery from fact witnesses and are now beginning expert witness discovery. In addition, both plaintiffs and defendants have filed summary judgment motions that are scheduled for hearing on September 8, 2003. Defendants' motion seeks judgment as to plaintiffs' entire claim. Plaintiffs' motion seeks a determination that certain of the defendants' class period statements were false. Trial is scheduled to begin on November 4, 2003.



**Table of Contents**

The lawsuit seeks an unspecified amount of damages, in addition to other forms of relief. We consider the lawsuits to be without merit and intends to defend vigorously against these allegations. However, the litigation could prove to be costly and time consuming to defend, and there can be no assurances about the eventual outcome.

On October 16, 2000, a lawsuit was filed against us and the individual defendants (Zaki Rakib, Selim Rakib and Raymond Fritz) in the California Superior Court, San Luis Obispo County. This lawsuit is titled *Bertram v. Terayon Communications Systems, Inc.* (Bertram). The Bertram complaint contains factual allegations similar to those alleged in the federal securities class action lawsuit. The complaint asserts causes of action for unlawful business practices, unfair and fraudulent business practices, and false and misleading advertising. Plaintiffs purport to bring the action on behalf of themselves and as representatives of all persons or entities in the State of California and such other persons or entities outside California that have been and are adversely affected by defendants' activity, and as the Court shall determine is not inconsistent with the exercise of the Court's jurisdiction. Plaintiffs seek equitable and injunctive relief. Defendants removed the Bertram case to the United States District Court, Central District of California and, on January 19, 2001, filed a motion to dismiss the complaint. A hearing on defendants' motion was held March 26, 2001 and the court granted Defendants' motion to dismiss the action and denied Plaintiffs' motion requesting remand. On April 5, 2001, Defendants moved for an order requiring further proceedings, if any to take place in the Northern District of California. Plaintiffs did not oppose this motion and eventually entered into a stipulation to go forward in the Northern District. On July 9, 2001, a status conference was held in this case before Judge Patel. Plaintiffs did not appear for the conference, and the court requested that defendants submit an order dismissing the Bertram action with prejudice, which the defendants have submitted to the court. On August 7, 2002, the court held another conference at which it entered an order dismissing the *Bertram* case. The court's order permits the individual plaintiffs in the *Bertram* case to pursue any claims that they may have as members of the purported class in the related, consolidated class action discussed above. Plaintiffs have appealed this order, and the Court of Appeals has set a briefing schedule for the appeal.

We believe that the allegations in the *Bertram* case, as with the allegations in the federal securities case, are without merit and intend to contest the matter vigorously.

On May 7, 2002, a shareholder filed a derivative lawsuit purportedly on behalf of us against five of our current directors, two former directors and two former officers. This lawsuit is titled *Campbell vs. Rakib, et al.*, and is pending in the California Superior Court, Santa Clara County. We are a nominal defendant in this lawsuit, which alleges claims relating to essentially the same purportedly misleading statements that are at issue in the pending securities class action. In that litigation, we dispute making any misleading statements. The derivative complaint also alleges claims relating to stock sales by certain of the director and officer defendants.

On July 12, 2002, a shareholder filed a derivative lawsuit purportedly on our behalf against three of our current directors, one former officer and three former investors. This lawsuit is titled *O'Brien vs. Rakib, et al.*, and is pending in the California Superior Court, San Francisco County. We are a nominal defendant in this lawsuit, which alleges claims relating to essentially the same purportedly misleading statements that are at issue in the pending securities class action. In that litigation, we dispute making any misleading statements. The derivative complaint also alleges claims relating to stock sales by certain of the director and officer defendants. The plaintiff in the *O'Brien* case has dismissed the investor defendants without prejudice.

## **Table of Contents**

Since the *Campbell* and *O Brien* cases were filed, the parties have taken steps to have these cases consolidated in the California Superior Court, County of Santa Clara. On October 4, 2002, the California Superior Court, County of San Francisco entered an order providing for the transfer of the *O Brien* case. On October 29, 2002, plaintiff in the *O Brien* case submitted certain materials to the California Superior Court, County of Santa Clara to effectuate that transfer, which is now complete. The *O Brien* case is now consolidated with the *Campbell* case.

We believe that there are many defects in the *Campbell* and *O Brien* derivative complaints.

On September 3, 2002, Uniscor Ltd. (an Israeli company under voluntary liquidation) and Flextronics (Israel) Ltd., an Israeli company (Flextronics) filed a claim with the Tel Aviv District Court in Israel against us and Radwiz Ltd., our subsidiary, alleging that damages of NIS 25,000,000 (approximately \$5.0 million US dollars) were inflicted on them by our alleged failure to comply with its contractual obligations to accept and pay for components manufactured by Flextronics in the first quarter of 2001 pursuant to projections it had received from Radwiz. We filed a statement of defense denying the allegations, after which the parties accepted the Court's recommendation to transfer the case to non-binding mediation.

On January 19, 2003, Omniband Group Limited, a Russian company, (Omniband) filed a request for arbitration with the Zurich Chamber of Commerce, claiming damages in an amount of \$2.1 million allegedly caused by our breach of an agreement to sell to Omniband certain equipment pursuant to an agreement between Omniband and Radwiz, dated February 22, 2000. We believe that the allegations are without merit and intend to present a vigorous defense in the arbitration proceedings.

We are currently a party to various other legal proceedings, in addition to those noted above and may become involved from time to time in other legal proceedings in the future. While we currently believe that the ultimate outcome of these other proceedings, individually and in the aggregate, will not have a material adverse effect on our financial position or overall trends in results of operations, litigation is subject to inherent uncertainties. Were an unfavorable ruling to occur in any of our legal proceedings, there exists the possibility of a material adverse impact on our results of operations for the period in which the ruling occurs. The estimate of the potential impact on our financial position or overall results of operations for any of the above legal proceedings could change in the future.

## **Liquidity and Capital Resources**

At June 30, 2003, we had approximately \$68.5 million in cash and cash equivalents and \$93.4 million in short-term investments. As of June 30, 2003, we had approximately \$69.0 million of long-term obligations.

In July 2000, we issued \$500 million of 5% Convertible Subordinated Notes (Notes) due in August 2007, resulting in net proceeds to us of approximately \$484.4 million. The Notes are our general unsecured obligation and are subordinated in right of payment to all of our existing and future senior indebtedness and to all of the liabilities of our subsidiaries. The Notes are convertible into shares of our common stock at a conversion price of \$84.01 per share at any time on or after October 24, 2000 through maturity, unless previously redeemed or repurchased. Interest is payable semi-annually. Debt issuance costs related to the Notes were approximately \$15.6 million.

Through June 30, 2003, we had repurchased approximately \$434.9 million of the Notes for \$171.0 million in cash and \$17.9 million in stock, resulting in a gain on early retirement of debt of approximately \$234.4 million net of related unamortized issuance costs of \$11.6 million. We did not repurchase any Notes during the first six months of 2003.

Cash used in operating activities for the six months ended June 30, 2003 was \$43.9 million compared to \$21.8 million used in the same period in 2002. For the six months ended June 30, 2003,

**Table of Contents**

significant uses of cash by operating activities included a \$37.1 million net loss and a decrease of \$5.9 million in accounts payable, accrued payroll and other accrued liabilities partially offset by an \$8.6 million of increase in inventory, an increase of \$6.6 million in accounts receivable, and an increase of \$6.6 million of other assets. For the six months ended June 30, 2002, cash used by operating activities included a \$7.8 million net loss, a decrease of \$15.5 million in accounts payable, interest paid on the Notes, accrued payroll, and other accrued liabilities partially offset by \$29.6 million of cash provided by decreases in accounts receivables and inventory, as well as \$33.3 million of gain of early retirement of debt.

Cash used by investing activities for the six months ended June 30, 2003 was \$5.8 million, compared to cash provided by investing activities of \$35.6 million in the same period in 2002. Investing activities consisted primarily of the purchase and sale of short-term investments and fixed assets.

Cash provided by financing activities was \$0.6 million for the six months ended June 30, 2003, compared to cash used by financing activities of \$36.0 million in the same period in 2002. Financing activities primarily consisted of cash received through the exercise of stock options and shares issued through the stock purchase plan.

In 2002, we entered into an operating lease arrangement to lease a corporate aircraft. This lease arrangement was originally secured by a \$9.0 million letter of credit, which has been classified as restricted cash and is included as Other Assets on the Condensed Consolidated Balance Sheets. The letter of credit was reduced to \$7.5 million in February 2003. This lease commitment is included in the table below. From time to time, our Chief Executive Officer, Dr. Rakib, and our President and Chief Technical Officer, Mr. Rakib, use the aircraft for personal use and reimburse us for this usage.

The following summarizes our contractual obligations at June 30, 2003, and the effect such obligations are expected to have on our liquidity and cash flows in future periods (in millions):

	Total	Payments Due by Period			After 5 years
		Less than 1 year	1-3 years	4-5 years	
Capital Lease Obligations	\$ 0.1	\$ 0.1	\$	\$	\$
Unconditional Purchase Obligations	58.5	58.5			
Long Term Debt	67.1		2.1	65.0	
Operating Lease Obligations	33.6	5.8	11.5	6.1	10.2
Aircraft Lease	5.3	1.5	3.0	0.8	
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
Total Contractual Commitments	\$ 164.6	\$ 65.9	\$ 16.6	\$ 71.9	\$ 10.2
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>

We have unconditional purchase obligations to certain of our suppliers that support our ability to manufacture our products. The obligations require us to purchase minimum quantities of the suppliers' products at a specified price. As of June 30, 2003, we had \$58.5 million of purchase obligations, of which \$6.5 million are included on the balance sheet as accrued vendor cancellation charges. The remaining obligations are expected to become payable at various times throughout 2003.

Other commercial commitments, primarily required to support operating leases, are as follows (in millions):

	Amount of Commitment Expiration Per Period				
	Total Amounts Committed	Less than 1 year	1-3 years	4-5 years	Over 5 years
Deposits	\$0.5	\$ 0.3	\$	\$	\$0.2
Standby Letters of Credit	8.7	1.2		7.5	
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
Total Commercial Commitments	\$9.2	\$ 1.5	\$	\$7.5	\$0.2
	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>



**Table of Contents**

We believe that our current cash balances will be sufficient to satisfy our cash requirements for at least the next 12 months. This estimate is a forward-looking statement that involves risks and uncertainties, and actual results may vary as a result of a number of factors, including those discussed under the risk factor **Our Operating Results May Fluctuate** below and elsewhere. We may need to raise additional funds in order to support more rapid expansion, develop new or enhanced services, respond to competitive pressures, acquire complementary businesses or technologies or respond to unanticipated requirements. We may seek to raise additional funds through private or public sales of securities, strategic relationships, bank debt, financing under leasing arrangements or otherwise. If additional funds are raised through the issuance of equity securities, the percentage ownership of our existing stockholders will be reduced, stockholders may experience additional dilution or such equity securities may have rights, preferences or privileges senior to those of the holders of our common stock. There can be no assurance that additional financing will be available on acceptable terms, if at all. If adequate funds are not available or are not available on acceptable terms, we may be unable to continue operations, develop our products, take advantage of future opportunities or respond to competitive pressures or unanticipated requirements, all of which could have a material adverse effect on our business, financial condition and operating results.

**Impact of Recently Issued Accounting Standards**

In May 2003, the Financial Accounting Standards Board (FASB) issued Statement of Financial Accounting Standards (SFAS) No. 150, **Accounting For Certain Financial Instruments with Characteristics of Both Liabilities and Equity** (SFAS No. 150) which establishes standards for how an issuer of financial instruments classifies and measures certain financial instruments with characteristics of both liabilities and equity. It requires that an issuer classify a financial instrument that is within its scope as a liability (or an asset in some circumstances) if, at inception, the monetary value of the obligation is based solely or predominantly on a fixed monetary amount known at inception, variations in something other than the fair value of the issuer's equity shares or variations inversely related to changes in the fair value of the issuer's equity shares. SFAS No. 150 is effective for financial instruments entered into or modified after May 31, 2003, and otherwise is effective at the beginning of the first interim period beginning after June 15, 2003. The adoption of SFAS No. 150 is not expected to have a material impact on our financial position or results of operations.

In April 2003, the FASB issued SFAS No. 149, **Amendment of Statement 133 on Derivative Instruments and Hedging Activities**. SFAS No. 149 amends and clarifies financial accounting and reporting for derivative instruments, including certain derivative instruments embedded in other contracts (collectively referred to as derivatives) and for hedging activities under SFAS No. 133, **Accounting for Derivative Instruments and Hedging Activities**. This statement is effective for contracts entered into or modified after June 30, 2003, and is not expected to have a material impact on our financial position or results of operations.

In November 2002, the Emerging Issues Task Force (EITF) reached a consensus on Issue No. 00-21, **Revenue Arrangements with Multiple Deliverables**. EITF Issue No. 00-21 provides guidance on how to account for certain arrangements that involve the delivery or performance of multiple products, services and/or rights to use assets. The provisions of EITF Issue No. 00-21 will apply to revenue arrangements entered into in fiscal periods beginning after June 15, 2003. The adoption of EITF Issue No. 00-21 did not have any significant impact on our financial position or results of operations.

**Table of Contents**

**RISK FACTORS**

You should carefully consider the risks described below before making an investment decision. The risks and uncertainties described below are not the only ones facing us. Additional risks and uncertainties not presently known to us or that we currently deem immaterial also may impair our business operations. If any of the following risks actually occur, our business could be harmed. In such case, the trading price of our common stock could decline, and you may lose all or part of your investment.

**We Have a History of Losses and May Continue to Incur Losses in the Future.**

It is difficult to predict our future operating results. We began shipping products commercially in June 1997, and we have been shipping products in volume since the first quarter of 1998. As of June 30, 2003, we had an accumulated deficit of \$974.3 million. We believe that we will continue to experience challenges in selling our products at a profit and continue to operate with net losses for the foreseeable future. Moreover, we have had declining revenue since 2000. In the six months ended June 30, 2003, our revenues decreased 34% from the same period in 2002. For the six months ended June 30, 2003, we had a \$37.1 million net loss. As a result of the operating deficiencies, we have had to use available cash and cash equivalents to supplement the operation of our business. Cash used in operating activities for the six months ended June 30, 2003 was \$43.9 million as compared to \$21.8 million used in the same period in 2002. Additionally, we generally are unable to reduce our expenses significantly in the short term to compensate for any unexpected delay in generating or decrease in anticipated revenues. For example, we have fixed commitments with some of our suppliers that require us to purchase minimum quantities of their products at a specified price irrespective of whether we can subsequently use such quantities in our products. Because in the past, we have been unable to use all of the products that we purchased from our suppliers, we have taken vendor cancellation charges as a result of these fixed commitments, and we may have to take additional charges in the future if we are unable to use all of the products that we purchase from our suppliers. Further, we have been experiencing and will continue to experience declining ASPs of our products. We record an inventory charge to reduce our inventory to the lower of cost or market if average selling prices fall below the cost of these products. In addition, we have significant operating lease commitments for facilities and equipment that generally cannot be cancelled in the short-term without substantial penalties.

Our business may be adversely affected by delays in, or our failure to, commercialize new products, or reduce the cost of manufacturing our current products. Moreover, given the conditions in the broadband equipment market, the profit potential of our business remains unproven.

**We May Experience Fluctuations in Our Operating Results and Face Unpredictability in Our Future Revenues.**

Our quarterly revenues have fluctuated and are likely to continue to fluctuate significantly in the future due to a number of factors, many of which are outside our control.

Factors that affect our revenues include, among others, the following:

- variations in the timing of orders and shipments of our products;
- variations in the size of the orders by our customers and pricing concessions on volume sales;
- new product introductions by competitors;
- delays in our introduction of new products;
- delays in our introduction of added features to our products;

**Table of Contents**

delays in reducing the cost of our products;

delays in the commercialization of products that are competitive in the marketplace;

delays in our receipt of and cancellation of orders forecasted by customers;

variations in capital spending budgets of cable operators and other broadband service providers;

international conflicts, including the continuing conflict in Iraq, and acts of terrorism and the impact of adverse economic, market and political conditions worldwide; and

ability of our products to be qualified or certified as meeting industry standards.

A variety of factors affecting our gross margin include, among others, the following:

the sales mix of our products;

the volume of products manufactured;

the type of distribution channel through which we sell our products;

the ASPs of our products;

the costs of manufacturing our products; and

the effectiveness of our cost reduction measures.

The unit ASPs of our products declined considerably in 2002, have continued to decline in 2003, and we anticipate that unit ASPs of our products may continue to decline in the future. This has caused and will continue to cause a decrease in our gross margins if we are unable to off-set the decline in ASPs with cost reduction measures. In addition, the gross margins we realize from the sale of our products are affected by the mix of product sales between higher margin, lower volume head-end equipment, such as Cable Modem Termination Systems (CMTSs), and lower margin, higher volume Customer Premise Equipment (CPE), such as modems. In 2003 we expect that sales of our low-margin CPE will continue to make up a significant portion of our revenues.

Our operating expenses generally vary from quarter to quarter depending on the level of actual and anticipated business activities. However, a significant percentage of these operating expenses are fixed due to operating leases for our facilities and equipment. Also, we have fixed commitments with some of our suppliers that require us to purchase minimum quantities of their products at a specified price. As of June 30, 2003, \$58.5 million of purchase obligations are outstanding. Moreover, our research and development expenses fluctuate in response to new product development, and changing industry requirements and customer demands.

**We Are Dependent on a Small Number of Customers and our Business Could be Harmed by the Loss of Any of These Customers or Reductions in Their Purchasing Volumes.**

The markets we serve have undergone and are continuing to undergo significant consolidation in both North America and internationally, as a limited number of cable operators control an increasing number of systems. For example, the top ten cable operators in the United States own and operate systems that service approximately 81% of homes that receive cable services in the United States, and the top ten cable operators in Europe own and operate systems that service approximately 53% of homes that receive cable services in Europe. As a result of the consolidation among cable operators, our revenue has been and will continue to be dependent on sales to the few leading cable operators worldwide and the continued consolidation may also reduce the number of potential customers. For example, five customers accounted

**Table of Contents**

for 10% or more of total revenues (16%, 13%, 13%, 13%, and 12%) for the three months ended June 30, 2003. Three customers accounted for 10% or more of total revenues (28%, 11%, and 10%) for the three months ended June 30, 2002. Four customers accounted for 10% or more of total revenues (20%, 13%, 12%, and 11%) for the six months ended June 30, 2003. One customer accounted for 10% or more of total revenues (34%) for the six months ended June 30, 2002. We may not succeed in attracting new customers as many of our potential customers have pre-existing relationships with our current or potential competitors and the continued consolidation of the cable industry reduces the number of potential customers. To attract new customers, we may be faced with intense price competition, which may affect our gross margins. Moreover, we do not typically require our customers to purchase a minimum quantity of our products, and our customers can generally cancel their orders on short notice without significant penalties. The loss of any of our customers can have a material adverse effect on our results of operations. Further, any reduction in orders from a given customer can likewise have a material adverse effect on our results of operations.

**The Sales Cycle for Certain of Our Products Is Lengthy, Which Makes Forecasting of Our Customer Orders and Revenue Difficult.**

The sales cycle for certain of our products, such as our CMTS, is lengthy, often lasting nine months to more than a year. Our customers generally conduct significant technical evaluations, including customer trials, of our products as well as competing products prior to making a purchasing decision. In addition, purchasing decisions may also be delayed because of our customer's internal budget approval processes. Because of the lengthy sales cycle and the size of customer orders, if orders forecasted for a specific customer for a particular period do not occur in that period, our revenues and operating results for that particular quarter could suffer. Moreover, a portion of our expenses related to an anticipated order is fixed and difficult to reduce or change, which may further impact our revenues and operating results for a particular period.

**There Are Many Risks Associated with Our Participation in Industry Standards.**

In connection with the development of the DOCSIS 2.0 specification by Cable Television Laboratories, Inc., a cable industry consortium that establishes cable technology standards and administers compliance testing (CableLabs), we entered into an agreement with CableLabs whereby we licensed to CableLabs on a royalty-free basis any of our intellectual property rights, including rights to our proprietary S-CDMA technology, to the extent that such rights may be asserted against a party desiring to design, manufacture or sell DOCSIS based products, including DOCSIS 2.0 based products. This license agreement grants to CableLabs the right to sublicense our intellectual property, including our intellectual property rights in our S-CDMA patents, to manufacturers that compete with us in the marketplace for DOCSIS based products. As a result of this license to CableLabs, our competitors that produce DOCSIS-based products have access to our technology without having to pay us any royalties or other compensation for the use of our technology. As a result of our contribution of technology to the DOCSIS intellectual property pool, we may have foregone significant revenue from the potential licensing of our proprietary technology, and we may be unable to recoup the investment in the research and development efforts to develop the intellectual property contributed to the DOCSIS technology pool.

Additionally, the agreement that we signed with CableLabs to participate in the DOCSIS intellectual property pool may make it difficult for us to enforce our intellectual property rights against other companies. Certain cable equipment vendors manufacture and sell DOCSIS based and DOCSIS certified and qualified product without sublicensing from CableLabs the technology in the CableLabs intellectual property pool. Due to the interests of cable operators in having as many equipment vendors as possible, we may feel constrained by competitive pressures from pursuing the enforcement of our intellectual property rights against our competitors that have not entered into sublicenses with CableLabs. Moreover, if we seek to enforce our intellectual property rights against other equipment manufacturers that access technology from the CableLabs intellectual property pool, our license to the technology in the pool may be jeopardized. Certain contributors of technology to the CableLabs intellectual property pool are our competitors and may elect to revoke our license to their technology if we attempt to enforce our intellectual property rights against them.



## **Table of Contents**

We may have lost any competitive advantage that our proprietary S-CDMA technology may have provided us in the marketplace by licensing it to CableLabs, and we may face increased competition because our competitors have the ability to incorporate our technology into their products. We believe that this increased competition could come from existing competitors or from new competitors who enter the market and that such competition is likely to result in lower product ASPs, which could harm our revenues and gross margins. Additionally, because our competitors will be able to incorporate our technology into their products, our current customers may choose alternate suppliers or choose to purchase DOCSIS-compliant products from multiple suppliers. We may be unable to effectively compete with the other vendors if we cannot produce DOCSIS compliant cable products more quickly or at lower cost than our competitors.

DOCSIS specifications have not yet been accepted in Europe and Asia, although an increasing number of Asian cable operators are requiring product to be DOCSIS qualified or certified. An alternate specification for cable products, called the Euro-DOCSIS specification, has been formalized by TComLabs, a cable technology consortium of European cable operators, and some European and Asian cable operators have embraced it. We intend to develop and sell products that comply with the Euro-DOCSIS specification, which may require the contribution of certain of our technologies, including our proprietary S-CDMA technology, to the Euro-DOCSIS specification. We may be unsuccessful in these efforts, and even if we are successful, we may face some of the same risks associated with our contribution of intellectual property to CableLabs DOCSIS intellectual property pool.

### **We Need to Certify and Qualify Our New and Existing Products to Meet Industry Specifications in Order to Remain Competitive.**

Major cable operators worldwide have endorsed the DOCSIS and PacketCable specifications and rarely purchase equipment that is not certified or qualified as compliant with these specifications. Cable operators have chosen to purchase only products meeting industry specifications because the specifications enable interoperability among products from multiple vendors, which leads to increased competition among equipment manufacturers and consequently lowers product ASPs. Consequently, our future success depends on our ability to compete effectively in this marketplace by developing, marketing and selling products that are certified and qualified to industry standards in a timely fashion and in a cost effective manner.

The DOCSIS and PacketCable specifications are promulgated by CableLabs. Currently these specifications have been widely adopted by cable operators in North America and by some cable operators in Asia, Latin America and Europe. The Euro-DOCSIS specifications have been developed by TComLabs specifically to meet the requirements of European operators, and have found some acceptance in China as well. There is no guarantee that our products will be DOCSIS, EuroDOCSIS or PacketCable certified or qualified. If we are unable to certify or qualify our products as DOCSIS, EuroDOCSIS or PacketCable compliant in a timely manner, we may be unable to sell our products and may lose some or all of any advantage we might otherwise have had, and our future operating results may be adversely affected.

Though we sell DOCSIS certified and qualified products, there have been and may continue to be instances where our existing customers and potential new customers elect to purchase DOCSIS products from one or more of our competitors rather than from us. In response to this situation, we have reduced our prices and continue to experience customer demand to further reduce our prices in order to promote sales of our current products. This has had and may continue to have an adverse impact on our revenues, operating results and gross margin.

Developing products to meet these various industry specifications has several risks. The first is the cost and effort to engineer standards-based products and to then prepare them for compliance testing. Not only do we have to certify or qualify new products, but any of our currently certified or qualified products must be re-certified or re-qualified should they be changed in any way. Second, there is no guarantee that these products will be certified or qualified as meeting these specifications in a timely fashion, if ever. Because most cable operators purchase only those products that have been certified or qualified as meeting these specifications, it is highly unlikely that we will be able to sell our products until they achieve

**Table of Contents**

certification or qualification, which can be a lengthy process. As a result, we may incur significant research and development expenses to develop new products that may not receive certification or qualification and we cannot recoup the costs of these research and development expenses by marketing uncertified or unqualified products. Moreover, a consequence of cable operators only purchasing products certified or qualified as meeting industry specifications is the increased competition between equipment vendors, which has resulted in a steady and ongoing decline in equipment prices as vendors compete for cable operators' business. Third, there is no guarantee that we will be able to support all future cable industry specifications, which will likely have an adverse impact on our future revenues.

**Average Selling Prices of Broadband Equipment Continue to Decline, Which is Decreasing Our Gross Margins.**

The broadband equipment market has been characterized by erosion of product ASPs. We expect this erosion to continue. The ASPs for our products are likely to continue to decline due to competitive pricing pressures, promotional programs and customers possessing strong negotiating positions who require price reductions as a condition of purchase. In addition, we believe that the widespread adoption of industry specifications, such as the DOCSIS and EuroDOCSIS specifications, is further eroding ASPs as cable modems and other similar CPE become commodity products. Decreasing ASPs could result in decreased revenues even if the number of units sold increases. Decreasing ASPs may also require us to sell our products at much lower gross margin than in the past, and in fact, we may sell products at a loss. The primary reason that our gross profits have declined year-over-year is the decline in product ASPs. As a result, we may experience substantial period-to-period fluctuations in future revenue, gross margin and operating results due to ASP erosion. Therefore, we must continue to develop and introduce on a timely basis and a cost-effective manner new products or next-generation products with enhanced functionalities that can be sold at higher gross margins. Our failure to do this could cause our revenues and gross margin to decline further.

**We Must Achieve Cost Reductions to Attain Profitability.**

As product ASPs and revenue have declined in recent years, we have not sufficiently decreased our costs, including operating expenses and the costs associated with our products, to offset declining ASPs and revenue. This has resulted in increased losses and thus making it difficult for us to attain profitability. We have experienced a decrease in revenue, which was, in large part, due to declining product ASPs and a drop in CMTS volume due to our transition from a proprietary platform to the DOCSIS standards platform. In order to achieve profitability, we must significantly increase our revenues, reduce the cost of our products, and maintain or reduce our operating expenses.

We have made several attempts to lower our operating expenses. Although we have implemented expense reduction and restructuring plans in the past, including the latest restructuring in March 2003, that have focused on cost reductions and operating efficiencies, we have not been successful in lowering our operating expenses to keep pace with the decline in revenues, and we cannot be certain that our future efforts to implement operating expense reduction will be successful. A large portion of our expenses, including rent, and operating lease expenditures, is fixed and difficult to reduce or change. Accordingly, if our revenue does not meet our expectations, we may not be able to adjust our expenses quickly enough to compensate for the shortfall in revenue. In that event, our business, financial condition and results of operations could be materially and adversely affected.

As product ASPs rapidly decline, we need to reduce the cost of our products through design and engineering changes. We may not be successful in redesigning our products, and, even if we are successful, our efforts may be delayed or our redesigned products may contain significant errors and product defects. In addition, any redesign may not result in sufficient cost reductions to allow us to reduce significantly the list price of our products or improve our gross margin. Reductions in our product costs will require us to use lower-priced components that are highly integrated in future products and may require us to enter into high volume or long-term purchase or manufacturing agreements. Volume purchase or manufacturing agreements may not be available on acceptable terms, if at all, and we could incur significant expenses without related revenues if we cannot use the products or services offered by such agreements. We have

**Table of Contents**

incurred significant cancellation charges related to volume purchase and manufacturing agreements in the past and may incur such charges in the future.

**Broadband Services Delivered by Cable Operators Have Not Achieved Widespread Market Penetration, and Other Competing Service Providers Exist.**

Our success will depend upon the widespread penetration of broadband services delivered by cable television operators. The markets for these services are growing, but are not fully developed nor exploited. Additionally, these markets may not grow as cable operators have a limited amount of available bandwidth over which they can offer new services, such as high-speed Internet access, High Definition Television (HDTV), Video on Demand, and telephony. Cable operators may elect not to provide any or all of these new services to their customers or may not aggressively market these services to their customers. If cable operators elect not to deploy such new services or if customers elect not to subscribe to such services, it may affect our ability to sell products to cable operators as their existing equipment may meet their current infrastructure demands. We depend on cable operators to provide new services and maintain their infrastructure in such a manner that allows us to continue to sell products to them.

Cable operators must also compete with other service providers in the delivery of services to their customers. RBOCs, CLECs, ILECs, satellite TV and broadband service providers are aggressively competing with the cable industry to deliver broadband services via DSL or satellite broadcast technologies. We cannot accurately predict the future growth rate or the ultimate size of the market for broadband services delivered via cable. The success of RBOCs, CLECs, ILECs, satellite TV and other broadband service providers may slow or hamper the continued acceptance of cable operators in delivering broadband services, which in turn may impact demand for our products by cable operators.

**We Need to Develop Additional Distribution Channels to Market and Sell Our Products.**

We presently market our products primarily to cable operators worldwide. To increase worldwide sales of our products, we need to establish new distribution channels.

We face many challenges in establishing these new distribution channels. These challenges include, among others, the following:

the ability to hire additional personnel necessary to establish and enhance these new distribution channels;

the extent to which consumer electronics companies enter the cable modem market, as their retail distribution capabilities would provide them with a significant competitive advantage;

the ability to find and train channels to effectively market our more complex products, such as CMTSs and CherryPickers;

the ability to maintain acceptable margins for our low margin products, such as cable modems, when sold through a distributor; and

our potential distribution partners are likely to prefer purchasing products from larger, more established manufacturers.

The vast majority of our sales are to large cable operators. However, we currently have limited access to smaller or geographically diverse cable operators. Although we intend to establish strategic relationships with leading distributors worldwide to access these customers, we may not succeed in establishing these relationships. Even if we do establish these relationships, the distributors may not succeed in marketing our products to their customers. Some of our competitors have already established, long-standing relationships with these cable operators that may limit our and our distributors' ability to sell our products to those customers. Even if we were to sell our products to those customers, it would likely

**Table of Contents**

not be based on long-term commitments, and those customers would be able to terminate their relationships with us at any time without significant penalties.

In addition, we anticipate that the North American cable modem market may at some point shift to a consumer purchase model. If this occurs, our success will depend on our ability to effectively sell our products in the consumer market. We may not have the capital required or the necessary personnel or expertise to develop these distribution channels. Also, some of our competitors, including Motorola and Thomson Consumer Electronics, have well-established retail distribution capabilities and existing brands with market acceptance that would provide them with a significant competitive advantage.

**Reduced Capital Spending by Cable Operators Could Impact Sales of Our Cable Products.**

Our success and future growth will be subject to economic and other factors affecting cable operators, particularly their ability to finance substantial capital expenditures. Capital spending levels in the cable industry in the United States and internationally have fluctuated significantly in the past, and we believe that such fluctuations will occur in the future. We are currently experiencing reduced levels of spending by certain cable operators. The capital spending patterns of cable operators are dependent on a variety of factors, including the following:

- the availability of financing;
- annual budget cycles, as well as the typical reduction in upgrade projects during the winter months;
- the status of federal, local and foreign government regulation and deregulation of the telecommunications industry;
- overall demand for broadband services;
- competitive pressures (including the availability of alternative data transmission and access technologies);
- discretionary consumer spending patterns; and
- general economic conditions.

In recent years, the cable market has been characterized by consolidation. We cannot predict the effect, if any, that such consolidation will have on overall capital spending patterns by cable operators. The effect on our business of further industry consolidation also is uncertain.

**We May Fail to Accurately Forecast Customer Demand For Our Products.**

The nature of the cable industry makes it difficult for us to accurately forecast demand for our products. Our inability to forecast accurately the actual demand for our products may result in too much or too little supply of products or an over/under capacity of manufacturing or testing resources at any given point in time. The existence of any one or more of these situations could have a negative impact on our business, operating results or financial condition. We had purchase obligations of approximately \$58.5 million as of June 30, 2003, primarily to purchase minimum quantities of materials and components used to manufacture our products. We must fulfill these obligations even if demand for our products is lower than we anticipate.

**We May Have Financial Exposure to Litigation Against Our Directors and Officers.**

We and/or our directors and officers are defendants in a number of lawsuits, including securities litigation lawsuits. As a result, we may have financial exposure to litigation as a defendant and because we are obligated to indemnify our officers and members of our Board of Directors for certain actions taken by

**Table of Contents**

our officers and directors on our behalf. In order to limit financial exposure arising from litigation and/or our obligation to indemnify our officers and directors, we have historically purchased directors and officers insurance (D&O Insurance). However, the availability of D&O Insurance is becoming more difficult for companies to attain as a number of insurance underwriters no longer offer D&O Insurance and the remaining insurance underwriters offering D&O Insurance have significantly increased the premiums of such coverage. During 2002, we experienced a significant increase in the cost of our D&O Insurance, and there can be no assurance that D&O Insurance will be available to us in the future or, if D&O Insurance is available, it may be prohibitively expensive.

Additionally, some insurance underwriters who offered D&O Insurance in the past have been placed into liquidation or may be, at some future point, placed into liquidation. In October 2001, one of the insurance underwriters from which we purchased D&O Insurance, Reliance Insurance Co. (Reliance), was placed into liquidation by the state of Pennsylvania. Reliance was the underwriter for one excess layer of our D&O Insurance for the period covering the claims made against us and our officers in the pending securities litigation. Because Reliance is in liquidation, we will be responsible for the amount insured under the Reliance policy, which is approximately \$2.5 million.

**We Are Dependent on Key Third-Party Suppliers and Any Failure by Them to Deliver Components Could Limit Our Ability to Satisfy Customer Demand.**

We manufacture all of our products using components or subassemblies procured from third-party suppliers. Some of these components are available from a sole source and others are available from limited sources. A majority of our sales are from products containing one or more components that are available only from sole source suppliers. Additionally, some of our components are custom parts that are produced to our specifications, and it may be difficult to move the manufacturing of such components from one vendor to another vendor.

Any interruption in the operations of our vendors of sole source or custom product parts could adversely affect our ability to meet our scheduled product deliveries to customers. If we are unable to obtain a sufficient supply of components from our current sources, we could experience difficulties in obtaining alternative sources or in altering product designs to use alternative components. Resulting delays or reductions in product shipments could damage customer relationships and expose us to potential damages that may arise from our inability to supply our customers with products. Further, a significant increase in the price of one or more of these components could harm our gross margin or operating results.

**We May Be Unable to Migrate to New Semiconductor Process Technologies Successfully or on a Timely Basis.**

Our future success will depend in part upon our ability to develop products that utilize new semiconductor process technologies. These technologies change rapidly and require us to spend significant amounts on research and development. We continuously evaluate the benefits of redesigning our integrated circuits using smaller geometry process technologies to improve performance and reduce costs. The transition of our products to integrated circuits with increasingly smaller geometries will be important to our competitive position. Other companies have experienced difficulty in migrating to new semiconductor processes and, consequently, have suffered reduced yields, delays in product deliveries and increased expense levels. Moreover, we depend on our relationship with our third-party manufacturers to migrate to smaller geometry processes successfully.

**Our Ability to Directly Control Product Delivery Schedules and Product Quality Is Dependent on Third-Party Contract Manufacturers.**

Most of our products are assembled and tested by contract manufacturers using testing equipment that we provide. Currently, our modems are sole sourced from our manufacturer in Thailand. As a result of our dependence on these contract manufacturers for the assembly and testing of our products, we do not directly control product delivery schedules or product quality. Any product shortages or quality assurance problems could increase the costs of manufacturing, assembling or testing our products. In addition, as

**Table of Contents**

manufacturing volume increases, we will need to procure and assemble additional testing equipment and provide it to our contract manufacturers. The production and assembly of testing equipment typically requires significant lead times. We could experience significant delays in the shipment of our products if we are unable to provide this testing equipment to our contract manufacturers in a timely manner.

**There Are Many Risks Associated with International Operations.**

We expect sales to customers outside of the United States to continue to represent a significant percentage of our revenues for the foreseeable future. For the three months ended June 30, 2003 and June 30, 2002, approximately 42%, and 72%, respectively, of our net revenues were from customers outside of the U.S. For the six months ended June 30, 2003 and June 30, 2002, approximately 41%, and 81%, respectively, of our net revenues were from customers outside of the U.S. International sales are subject to a number of risks, including the following:

changes in foreign government regulations and communications standards;

export license requirements, tariffs and taxes;

trade barriers;

difficulty in protecting intellectual property;

difficulty in collecting accounts receivable;

currency fluctuations;

difficulty in managing foreign operations; and

political and economic instability.

If our customers are affected by currency devaluations or general economic downturns, such as the economic downturns affecting many Asian, European and Latin American economies, their ability to purchase our products could be reduced significantly. Payment cycles for international customers typically are longer than those for customers in North America.

While we generally invoice our foreign sales in U.S. dollars, we invoice the majority of our sales in Europe in Euros. Since we have also elected to take payment in Euros from our customers in Europe and may elect to take payment in other foreign currencies, in the future, we are exposed to losses as the result of foreign currency fluctuations. Additionally, we have an Israel based operation whose expenses are denominated in Israel NIS. We currently do not engage in foreign currency hedging transactions. We may in the future choose to limit our exposure by the purchase of forward foreign exchange contracts or through similar hedging strategies. No currency hedging strategy can fully protect against exchange-related losses. In addition, if the relative value of the U.S. dollar in comparison to the currency of our foreign customers should increase, the resulting effective price increase of our products to those foreign customers could result in decreased sales.

Furthermore, foreign countries may decide to prohibit, terminate or delay the construction of new cable infrastructures for a variety of reasons. These reasons include environmental issues, economic downturns and availability of favorable pricing for other communications services or the availability and cost of related equipment. Any action like this by foreign countries would reduce the market for our products.

**Our Business May Be Affected By Conditions In Israel.**

We have significant operations in Israel. Our operations in Israel consist primarily of research and development, and to a lesser extent sales and manufacturing. Revenues generated by our business in Israel were \$4.7 million and \$2.0 million for the three months ending June 30, 2003 and June 30, 2002, respectively. Revenues generated by our business in Israel were \$5.5 million and \$6.5 million for the six months ending June 30, 2003 and June 30, 2002, respectively. Our research and development operations

**Table of Contents**

may be significantly affected by conditions in Israel. Since the establishment of the State of Israel in 1948, a number of armed conflicts have taken place between Israel and its Arab neighbors and a state of hostility, varying in degree and intensity, has led to security and economic problems for Israel. Hostilities within Israel have continued to escalate over the past year, which could disrupt some of our operations. We could be adversely affected by any major hostilities involving Israel. As a result of the hostilities and unrest presently occurring within Israel, the future of the peace efforts between Israel and its Arab neighbors is uncertain. A number of our employees based in Israel are currently obligated to perform annual military reserve duty and are subject to being called to active duty at any time under emergency circumstances. We cannot assess the full impact of these requirements and the hostilities on our workforce, business or operations if conditions should change, and we cannot predict the effect of any expansion or reduction of these obligations or the hostilities.

**We May Be Unable to Provide Adequate Customer Support.**

Our ability to achieve our planned sales growth and retain current and future customers will depend in part upon the quality of our customer support operations. Our customers generally require significant support and training with respect to our products, particularly in the initial deployment and implementation stages. Spikes in demand of our support services may cause us to be unable to serve our customers. We may not have adequate personnel to provide the levels of support that our customers may require during initial product deployment or on an ongoing basis especially during peak periods. Our inability to provide sufficient support to our customers could delay or prevent the successful deployment of our products. In addition, our failure to provide adequate support could harm our reputation and relationships with our customers and could prevent us from selling product to existing customers or gaining new customers.

**Our Industry Is Highly Competitive with Many Established Competitors.**

The market for our products is extremely competitive and is characterized by rapid technological change. Our direct competitors include Cisco Systems, ADC, Arris, BigBand Networks, Motorola, Thomson Consumer Electronics (which markets products under the brand name RCA), Scientific-Atlanta and Toshiba. We also compete with companies that develop integrated circuits for broadband products, such as Broadcom, Conexant and Texas Instruments. The principal competitive factors in our market include the following:

- product performance, features and reliability;
- price;
- size and stability of operations;
- breadth of product line;
- sales and distribution capabilities;
- technical support and service;
- relationships with providers of service providers; and
- compliance with industry standards.

Some of these factors are outside of our control. Conditions in the market could change rapidly and significantly as a result of technological advancements. The development and market acceptance of alternative technologies could decrease the demand for our products or render them obsolete. Our competitors may introduce products that are less costly, provide superior performance or achieve greater market acceptance than our products.

## **Table of Contents**

Many of our current and potential competitors have greater financial, technical, marketing, distribution, customer support and other resources, as well as better name recognition and access to customers than we do. The widespread adoption of DOCSIS and other industry standards has and is likely to continue to cause increased price competition. We believe that the adoption of these standards have resulted in and are likely to continue to result in lower ASPs for our products. Any increased price competition or reduction in sales of our products, particularly our higher margin head-end products, has resulted and will continue to result in decreased revenue and downward pressure on our gross margin. These competitive pressures have and are likely to continue to adversely impact our business.

### **We Are Dependent on Key Personnel.**

Due to the specialized nature of our business, we are highly dependent on the continued service of, and on the ability to attract and retain, qualified engineering, sales, marketing and senior management personnel. The competition for some of these personnel is intense. The loss of any of these individuals may harm our business. In addition, if we are unable to hire qualified personnel as needed, we may be unable to adequately manage and grow our business.

Highly skilled employees with the education and training that we require, especially employees with significant experience and expertise in both data networking and radio frequency design, are in high demand. We may be unable to continue to attract and retain qualified personnel necessary for the development of our business. We do not have key person insurance coverage for the loss of any of our employees. Any officer or employee can terminate his or her relationship with us at any time. Our employees are not bound by non-competition agreements with us.

### **Our Business Is Subject to the Risks of Product Returns, Product Liability and Product Defects.**

Products like ours are very complex and can frequently contain undetected errors or failures, especially when first introduced or when new versions are released. Despite testing, errors may occur. The occurrence of errors could result in product returns and other losses to us and/or our customers. This occurrence could result in the loss of or delay in market acceptance of our products. We have limitation of liability provisions in our standard terms and conditions of sale. However, these terms and conditions may not be effective as a result of federal, state or local laws or ordinances or unfavorable judicial decisions in the United States or other countries. The sale and support of our products entails the risk of product liability claims. In addition, any failure by our products to properly perform could result in claims against us by our customers. We maintain insurance to protect against certain claims associated with the use of our products, but our insurance coverage may not adequately cover any claim asserted against us. In addition, even claims that ultimately are unsuccessful could result in our expenditure of funds in litigation and divert management's time and other resources.

### **We May Be Unable to Adequately Protect or Enforce Our Intellectual Property Rights.**

We rely on a combination of patent, trade secret, copyright and trademark laws and contractual restrictions to establish and protect proprietary rights in our products. Even though we seek to establish and protect proprietary rights in our products, there are risks. Our pending patent applications may not be granted.

Even if they are granted, the claims covered by any patent may be reduced from those included in our applications. Any patent might be subject to challenge in court and, whether or not challenged, might not be broad enough to prevent third parties from developing equivalent technologies or products without a license from us.

We also believe that companies may be increasingly subject to infringement claims as distressed companies and individuals attempt to generate cash by enforcing their patent portfolio against a wide range of products. We, as well as our customers, have received letters from companies claiming that our technology and products infringe on their patents. We have consulted with our patent counsel and are in the process of reviewing the allegations made by such companies. There can be no assurance that, if the issues



## **Table of Contents**

were to be submitted to a court, such court would not find that our products infringe the patents, nor that the companies will not continue to allege infringement. If we are found to have infringed such company's patents, we could be subject to substantial damages and/or an injunction preventing us from conducting our business. Additionally, there can be no assurance that other third parties will not assert infringement claims against us in the future. Any such claim, whether meritorious or not, could be time-consuming, result in costly litigation, cause product shipment delays or require us to enter into royalty or licensing agreements. Such royalty or licensing agreements may not be available on terms acceptable to us or at all, which could have a material adverse effect upon our business, operating results and financial condition.

We have entered into confidentiality and invention assignment agreements with our employees, and we enter into non-disclosure agreements with many of our suppliers, distributors and appropriate customers so as to limit access to and disclosure of our proprietary information. These contractual arrangements, as well as statutory protections, may not prove sufficient to prevent misappropriation of our trade secrets or technology or deter independent third-party development of similar technologies. In addition, the laws of some foreign countries may not protect our intellectual property rights to the same extent as do the laws of the United States.

CableLabs DOCSIS 2.0 specification includes two modulation techniques, S-CDMA and A-TDMA. In connection with the development of the DOCSIS 2.0 specification by CableLabs, we entered into an agreement with CableLabs, on a royalty-free basis, whereby we licensed to CableLabs many of our intellectual property rights to the extent that such rights may be asserted against a party desiring to design, manufacture or sell DOCSIS-based products, including DOCSIS 2.0-based products. This license agreement grants to CableLabs the right to sublicense our intellectual property, including our intellectual property rights in our S-CDMA patents, to manufacturers that compete with us in the marketplace for DOCSIS based products.

We pursue the registration of our trademarks in the United States and have applications pending to register several of our trademarks throughout the world. However, the laws of certain foreign countries might not protect our products or intellectual property rights to the same extent as the laws of the United States. Effective trademark, copyright, trade secret and patent protection may not be available in every country in which our products may be manufactured, marketed or sold.

### **Our Business and Our Customers Are Subject to Regulation.**

Our business and customers are subject to varying degrees of regulation by regulatory bodies in the United States and foreign countries. Although these regulations have not materially restricted our operations to date or the operations of our customers, future regulations applicable to our business or customers could be adopted. The adoption of future regulations may adversely affect our customers, our ability to sell our products and therefore our operating results.

### **Our Products Are Subject to Safety Approvals and Certifications.**

In the United States, our products are required to meet certain safety requirements. For example, we are required to have our products certified by Underwriters Laboratory in order to meet federal requirements relating to electrical appliances to be used inside the home. Outside the United States, our products are subject to the regulatory requirements of each country in which the products are manufactured or sold. These requirements are likely to vary widely. We may be unable to obtain on a timely basis or at all the regulatory approvals that may be required for the manufacture, marketing and sale of our products.

### **We Are Vulnerable to Earthquakes, Labor Issues and Other Unexpected Events.**

Our corporate headquarters, as well as the majority of our research and development activities and some manufacturing operations are located in California, an area known for seismic activity. In addition, the operations of some of our key suppliers are also located in this area and in other areas known for seismic activity, such as Taiwan. An earthquake, or other significant natural disaster, could result in an interruption in our business or the operations of one or more of our key suppliers. Our business may also be

**Table of Contents**

impacted by labor issues related to our operations and/or those of our suppliers, service providers, or customers. Such an interruption could harm our operating results. We may not carry sufficient business interruption insurance to compensate for any losses that we may sustain as a result of any natural disasters or other unexpected events.

**Our Indebtedness Could Adversely Affect our Financial Condition; We May Incur Substantially More Debt.**

As of June 30, 2003, we had approximately \$69.0 million of long-term obligations. This level of indebtedness may adversely affect our stockholders by:

making it more difficult for us to satisfy our obligations with respect to our indebtedness;

increasing our vulnerability to general adverse economic and industry conditions;

limiting our ability to obtain additional financing;

requiring the dedication of a substantial portion of our cash flow from operations to the payment of principal of, and interest on, our indebtedness, thereby reducing the availability of our cash flow to fund our growth strategy, working capital, capital expenditures and other general corporate purposes;

limiting our flexibility in planning for, or reacting to, changes in our business and the industry; and

placing us at a competitive disadvantage relative to our competitors with less debt.

We may incur substantial additional debt in the future. The terms of our outstanding debt do not fully prohibit us from doing so. If new debt is added to our current levels, the related risks described above could intensify.

**Our Stock Price Has Been and Is Likely to Continue To Be Highly Volatile.**

The trading price of our common stock has been and is likely to continue to be highly volatile. Our stock price could be subject to extreme fluctuations in response to a variety of factors, including the following:

actual or anticipated variations in quarterly operating results;

announcements of technological innovations;

new products or services offered by us or our competitors;

changes in financial estimates by securities analysts;

conditions or trends in the broadband services industry;

changes in the economic performance and/or market valuations of Internet, online service or broadband service industries;

our announcement of significant acquisitions, strategic partnerships, joint ventures or capital commitments;

adoption of industry standards and the inclusion or compatibility of our technology with such standards;

**Table of Contents**

adverse or unfavorable publicity regarding us or our products;

additions or departures of key personnel;

sales of common stock; and

other events or factors that may be beyond our control.

In addition, the stock markets in general, and the NASDAQ National Market and the stock price of broadband services and technology companies in particular, have experienced extreme price and volume volatility and a significant cumulative decline since the second quarter of 2000. This volatility and decline has affected many companies irrespective of or disproportionately to the operating performance of these companies. Additionally, industry factors may materially adversely affect the market price of our common stock, regardless of our actual operating performance.

**Threatened Terrorist Attacks May Negatively Impact All Aspects of Our Operations, Revenues, Costs and Stock Price.**

The events of September 11, 2001, as well as future events occurring in response to or in connection with them, including, without limitation, future terrorist attacks against United States targets, or military or trade disruptions impacting our domestic or foreign suppliers of components required for the manufacturing of our products, may cause delays or losses of customer orders. More generally, any of these events could cause consumer confidence and spending to decrease or result in increased volatility in the United States and worldwide financial markets and economic. They also could result in economic recession in the United States or abroad. Any of these occurrences could have a significant impact on our operating results, revenues and costs.

**We May Not Be Able to Raise Additional Funds to Continue Operating Our Business.**

Our main source of liquidity continues to be our unrestricted cash on hand. In addition and as a result of our history of operating losses, we expect to continue to use our unrestricted cash to fund operating losses in the future. We believe that our current unrestricted cash on hand should be adequate to fund our working capital needs through at least the next twelve months. However, if our operating losses are more severe than expected or continue longer than expected, we may find it necessary or desirable to seek other sources of financing to support our capital needs and provide available funds for working capital. Given the current state of the telecommunications industry (including equipment manufacturers that supply products to the telecommunications industry) and the capital markets, there are few available sources of financing. Commercial bank financing may not be available to us on acceptable terms. Accordingly, any plan to raise additional capital, if available to us, would likely involve an equity-based or equity-linked financing, such as the issuance of convertible debt, common stock or preferred stock, which would be dilutive to our stockholders. If we are unable to procure additional working capital, as necessary, we may be unable to continue operations.

**Our Restructuring Efforts Could Result in the Erosion of Employee Morale, Legal Actions Against Us and Management Distractions, and Could Impair Our Ability to Respond Rapidly to Growth Opportunities in the Future.**

As a result of the significant economic downturn and the related uncertainties in the technology sector, we have implemented a number of restructuring plans, including the most recent in March 2003, which has resulted in personnel reduction. These reductions could result in an erosion of morale, and affect the focus and productivity of our remaining employees, including those directly responsible for revenue generation, which in turn may affect our revenue in the future. Additionally, employees directly affected by the reductions may seek future employment with our business partners, customers or competitors. Although all employees are required to sign a proprietary information agreement with us at the time of hire, there can be no assurances that the confidential nature of our proprietary information will be maintained in the course of such future employment. Our employees are not bound by non-competition agreements with us. Additionally, we may face wrongful termination, discrimination, or other

**Table of Contents**

claims from employees affected by the reduction related to their employment and termination. We could incur substantial costs in defending ourselves or our employees against such claims, regardless of the merits of such actions. Furthermore, such matters could divert the attention of our employees, including management, away from our operations, harm productivity, harm our reputation and increase our expenses. We cannot assure you that our restructuring efforts will be successful, and we may need to take additional restructuring efforts, including additional personnel reduction, in the future.

**We May Dispose of Existing Product Lines, Which May Adversely Impact Our Future Results.**

On an ongoing basis, we evaluate our various product offerings in order to determine whether any should be discontinued or, to the extent possible, divested. Moreover, the worldwide downturn in the telecommunications industry led us to reassess our business strategy, which in turn caused us to discontinue investment in certain product lines. Specifically, we have reduced our investment in the telecom and satellite spaces sold our MiniPlex product line, and shutdown our Mainsail product line. Beginning in July 2003, we entered into two transactions to further decrease our telecom business. In July 2003, we discontinued our Mainsail line of products and entered into an agreement with a third party to supply warranty services for the Mainsail products. In July 2003, we entered into an agreement with Verilink Corporation (Verilink) to sell certain telecom assets to Verilink, supply Verilink certain telecom inventory, and assign all telecom warranty obligations to Verilink with the exception of \$2.4 million, which we will continue to be responsible for.

We cannot assure you that we correctly forecasted the right product lines to discontinue or that our decision to discontinue various investments and product lines is prudent if market conditions change. In addition, we cannot assure you that the discontinuance of various product lines will reduce our operating expenses. Furthermore, future plans to discontinue existing product lines entail various risks, including the risks that we will not be able to find a buyer for a product line or the purchase price obtained will not be equal to the book value of the assets for the product line.

**Products Currently Under Development May Fail to Realize Anticipated Benefits.**

The markets in which we operate are characterized by rapidly changing technologies, evolving industry standards, frequent new product introductions and relatively short product life. The pursuit of necessary technological advances and the development of new products require substantial time and expense. For example, we made ten acquisitions during the period between 1999 and 2000. Due to various economic conditions, none of the products from our acquired businesses have achieved the level of market acceptance that was forecasted at the time of their acquisitions. Additionally, certain product groups have not achieved the level of technological development needed to be marketable or to expand the market. As a result, we recorded an aggregate of approximately \$576.8 million related to impairment charges and write-down of in-process research and development related to the acquired technologies, both of which negatively impacted our operating results. We cannot assure you that technologies currently under development will achieve feasibility or that even if we are successful, the developed product will be accepted by the market. We may not be able to recover the costs of existing and future product developments and our failure to do so may materially and adversely impact our business, financial condition and results of operations.

**We Are Exposed to the Credit Risk of Our Customers and to Credit Exposures in Weakened Markets, Which Could Result in Material Losses.**

Most of our sales are on an open credit basis, with payment terms of 30 days typically in the United States, and because of local customs or conditions, longer in some markets outside the United States. Beyond our open credit arrangements, we have also experienced a request for customer financing and facilitation of leasing arrangements, which we have not provided to date and do not expect to provide in the future. We expect demand for enhanced open credit terms, for example, longer payment terms, customer financing and leasing arrangements to continue

**Table of Contents**

and believe that such arrangements are a competitive factor in obtaining business. Our decision not to provide these types of financing arrangements may adversely affect our ability to sell product, and therefore, our revenue, operations and business.

Because of the current slowdown in the global economy, our exposure to credit risks relating to sales on an open-credit basis has increased. Although we monitor and attempt to mitigate the associated risk, there can be no assurance that our efforts will be effective in reducing credit risk. Additionally, there have been significant insolvencies and bankruptcies among our customers, which have and may continue to cause us to incur economic and financial losses. For example, we recorded a loss of \$0.9 million related to the settlement of all outstanding accounts receivables due from Net Servicios, a customer in the third quarter of 2002. There can be no assurance that additional losses would not be incurred and that such losses would not be material. Although these losses have generally not been material to date, future losses, if incurred, could harm our business and have a material adverse effect on our operating results and financial condition.

**We Have and We May Seek to Expand Our Business Through Acquisitions; Acquisitions Could Disrupt Our Business Operations and Harm Our Operating Results.**

In order to expand our business, we may make strategic acquisitions of other companies. We plan to continue to evaluate opportunities for strategic acquisitions from time to time, and may make an acquisition at some future point. However, the current volatility in the stock market and the current price of our common stock may adversely affect our ability to make such acquisitions.

Any acquisition that we make involves substantial risks, including the following:

difficulties in integrating the operations, technologies, products and personnel of an acquired company;

diversion of management's attention from normal daily operations of the business;

potential difficulties in completing projects associated with in-process research and development;

difficulties in entering markets in which we have no or limited direct prior experience and where competitors in such markets have stronger market positions;

initial dependence on unfamiliar supply chains or relatively small supply partners;

insufficient revenues to offset increased expenses associated with acquisitions; and

the potential loss of key employees of the acquired companies.

Acquisitions may also cause us to:

issue common stock that would dilute our current stockholders' percentage ownership;

assume liabilities;

record goodwill and non-amortizable intangible assets that will be subject to impairment testing and potential periodic impairment charges;

incur amortization expenses related to certain intangible assets;

incur large and immediate write-offs; or

become subject to litigation.

## **Table of Contents**

Mergers and acquisitions of high-technology companies are inherently risky, and no assurance can be given that our future acquisitions will be successful and will not materially adversely affect our business, operating results or financial condition. Failure to manage and successfully integrate acquisitions we make could harm our business and operating results in a material way. Even when an acquired company has already developed and marketed products, there can be no assurance that product enhancements will be made in a timely fashion or that all pre-acquisition due diligence will have identified all possible issues that might arise with respect to such products.

We made ten acquisitions during the period between 1999 and 2000. Due to various economic conditions, none of the products from our acquired businesses have achieved the level of market acceptance that was forecasted at the time of their acquisitions. Additionally, certain product groups have not achieved the level of technological development needed to be marketable or to expand the market. We recorded impairment losses of approximately \$4.0 million and \$572.8 million of intangible assets related to these acquisitions in December 31, 2002 and 2001. As of June 30, 2003, no intangible assets from these acquisitions remain.

### **We Have Adopted a Stockholder Rights Plan, Which, Together With Provisions in Our Charter Documents and Delaware Law, May Delay or Prevent an Acquisition of Us, Which Could Decrease the Value of Our Stock.**

We adopted a stockholder rights plan pursuant to which we distributed one right for each outstanding share of common stock held by stockholders of record as of February 20, 2001. Because the rights may substantially dilute the stock ownership of a person or group attempting a take-over of us, even if such a change in control is beneficial to our stockholders, without the approval of our board of directors, the plan could make it more difficult for a third party to acquire us, or a significant percentage of our outstanding capital stock, without first negotiating with our board of directors. Additionally, provisions of our Certificate of Incorporation and our Bylaws could make it more difficult for a third party to acquire control of us in a transaction not approved by our Board of Directors, and we have also opted out of the anti-takeover provisions of Section 203 of the Delaware General Corporation Law, which could also have the effect of delaying or preventing our acquisition by a third party.

### **Various Export Licensing Requirements Could Materially and Adversely Affect Our Business or Require Us to Significantly Modify Our Current Business Practices.**

Various government export regulations may apply to the encryption or other features of our products. We may have to make certain filings with the government in order to obtain permission to export certain of our products. In the past, we may have inadvertently failed to file certain export applications and notices, and we may have to make certain filings and request permission to continue exportation of any affected products without interruption while these applications are pending. If we do have to make such filings, we cannot assure you that we will obtain permission to continue exporting the affected products or that we will obtain any required export approvals now or in the future. If we do not receive the required export approvals, we may be unable to ship those products to certain customers located outside of the United States. In addition, we may be subject to fines or other penalties due to the failure to file certain export applications and notices.

### **New Laws and Regulations Affecting Corporate Governance May Impede Our Ability to Retain and Attract Board Members and Executive Officers, and Increase the Costs Associated with Being a Public Company.**

On July 30, 2002, President George W. Bush signed into law the Sarbanes-Oxley Act of 2002. The new act is designed to enhance corporate responsibility through new corporate governance and disclosure obligations, increase auditor independence, and tougher penalties for securities fraud. In addition, the Securities and Exchange Commission and NASDAQ have adopted rules in furtherance of the act and are considering adopting others. This act and the related new rules and regulations will likely have the effect of increasing the complexity and cost of our company's corporate governance and the time our executive officers spend on such issues, and may increase the risk of personal liability for our board members, chief executive officer, chief financial officer and other executives involved in our company's corporate governance process. As a result, it may become more difficult for us to attract and retain board members and executive officers involved in the corporate governance process. In addition, we have experienced, and will continue to experience, increased costs associated with being a public company, including additional professional and independent auditor fees.

## **ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK**

### ***Interest Rate Risk.***

Our exposure to market risk for changes in interest rates relates primarily to our investment portfolio. The primary objective of our investment activities is to preserve principal while maximizing yields without significantly increasing risk. This is accomplished by investing in widely diversified short-term investments, consisting primarily of investment grade securities, substantially all of which mature



**Table of Contents**

within the next twenty-four months. A hypothetical 50 basis point increase in interest rates would result in an approximate \$142,000 decline (less than 1%) in the fair value of our available-for-sale securities.

***Foreign Currency Risk.***

A substantial majority of our revenue, expense and capital purchasing activity are transacted in U.S. dollars. However, we do enter into transactions from Belgium, United Kingdom, Hong Kong, Korea, Canada, and Israel denominated in local currencies. A hypothetical adverse change of 10% in exchange rates would result in a decline in income before taxes of approximately \$0.4 million.

All of the potential changes noted above are based on sensitivity analyses performed on our financial positions at June 30, 2003. Actual results may differ materially.

**ITEM 4. CONTROL AND PROCEDURES**

As of the end of the period covered by report, we carried out an evaluation, under the supervision and with the participation of our Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures. Based on this evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures are effective in timely alerting them to material information this report.

There has been no change in our internal controls over financial reporting that occurred during our most recent fiscal quarter that has materially affected or is reasonably likely to materially affect our internal controls over financial reporting.

**PART II. OTHER INFORMATION**

**ITEM 1. LEGAL PROCEEDINGS**

See "Litigation" under Part I, Item 2, "Management's Discussion and Analysis of Financial Condition and Results of Operations."

**ITEM 2. CHANGES IN SECURITIES AND USE OF PROCEEDS**

None

**ITEM 3. DEFAULTS UPON SENIOR SECURITIES**

None

**ITEM 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS**

- (a) The registrant's 2003 Annual Meeting of Stockholders was held on May 28, 2003.
- (b) The meeting involved the election of two officers: Selim (Shlomo) Rakib and David M. Woodrow. The terms of the following directors continued after the meeting: Zaki Rakib, Christopher Schaepe, Aleksander Krstajic, and Lewis Solomon.
- (c) There were two matters voted on at the Meeting. A brief description of each of these matters, and the results of the votes thereon, are as follows:



**Table of Contents**

1. Election of Directors

Nominee	For	Withheld
Selim (Shlomo) Rakib	61,049,229	433,619
David M. Woodrow	61,079,649	403,199

2. Ratification of the appointment of Ernst & Young LLP as the registrant's auditors for the fiscal year ending December 31, 2003

For	Against	Abstain
60,973,637	446,049	63,162

**ITEM 5. OTHER INFORMATION**

None

**ITEM 6. EXHIBITS AND REPORTS ON FORM 8-K**

(a) EXHIBITS

- 10.4 1998 Employee Stock Purchase Plan, as amended on May 22, 2002 (1)
- 10.10 1999 Non-Officer Equity Incentive Plan, as amended May 28, 2003.
- 10.24 Employment Agreement dated July 3, 2003, between Terayon Communication Systems, Inc. and Doug Sabella.
- 10.25 Employment Agreement dated September 28, 1999, between Terayon Communication Systems, Inc. and Edward Lopez.
- 10.26 Executive Compensation Plan, as adopted May 28, 2003.
- 31.1 Certification of the Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 31.2 Certification of the Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 32.1 Certification of the Chief Executive Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 32.2 Certification of the Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

(1) Incorporated by reference to our Registration Statement on Form S-8 filed on August 30, 2002.

(b) REPORTS ON FORM 8-K

During the three months ended June 30, 2003, the Company filed the following Current Reports on Form 8-K:

- 1. On April 1, 2003, the Company filed a report on Form 8-K announcing the deployment of its DM3200 CherryPicker by Time Warner Cable's New York City division.
- 2. On April 16, 2003, the Company filed a report on Form 8-K announcing that its first quarter results would be announced on April 29, 2003 and that two models of its TJ715 modem had been certified by the Cable Television Laboratories, Inc. as DOCSIS 2.0.
- 3. On April 30, 2003, the Company filed a report on Form 8-K announcing the Company's preliminary results for the first quarter ended March 31, 2003.

**Table of Contents**

4. On May 9, 2003, the Company filed a report on Form 8-K announcing the addition of redundancy to its BW3500 Cable Modem Termination System.
5. On May 15, 2003, the Company filed a report on Form 8-K announcing the addition of new network interfaces to its DM CherryPicker line of products and the demonstration of the redundancy feature of its BW 32500 cable modem termination system at the Cable-Tec Expo.
6. On May 30, 2003, the Company filed a report on Form 8-K announcing that Hanvit I&B, a customer located in Korea, deployed the Company's DOCSIS 2.0 cable data system and that its DM 6400 Network CherryPicker won the advanced video category in Communications Technology magazine's 2003 Readers' Choice Awards.
7. On June 24, 2003, the Company filed a report on Form 8-K announcing the certification of its TJ 720x cable modem as European Euro-DOCSIS 1.1 (Data Over Cable Service Interface Specification) by TComLabs, a laboratory commissioned by the Euro-DOCSIS Certification Board.

**Table of Contents**

SIGNATURES

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 thereunto duly authorized.

Date: August 14, 2003

TERAYON COMMUNICATION SYSTEMS, INC.

By /s/ Arthur T. Taylor

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Arthur T. Taylor  
Chief Financial Officer

**Table of Contents**

**EXHIBIT INDEX**

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