

EMC CORP  
Form 10-Q  
May 09, 2002

[QuickLinks](#) -- Click here to rapidly navigate through this document

---

---

## SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

---

### FORM 10-Q

---

#### QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the Quarter Ended: March 31, 2002

Commission File Number 1-9853

---

### EMC CORPORATION

(Exact name of registrant as specified in its charter)

**Massachusetts**  
(State or other jurisdiction of  
incorporation or organization)

**04-2680009**  
(I.R.S. Employer  
Identification Number)

**35 Parkwood Drive**  
**Hopkinton, Massachusetts 01748-9103**  
(Address of principal executive offices, including zip code)

**(508) 435-1000**  
(Registrant's telephone number, including area code)

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 ☐

The number of shares of common stock, par value \$.01 per share, of the registrant outstanding as of March 31, 2002 was 2,223,384,654.

---

---

---

#### EMC CORPORATION

	Page No.
Part I Financial Information	
Consolidated Balance Sheets at March 31, 2002 and December 31, 2001	3

	Page No.
Consolidated Statements of Operations for the Three Months Ended March 31, 2002 and 2001	4
Consolidated Statements of Cash Flows for the Three Months Ended March 31, 2002 and 2001	5
Consolidated Statements of Comprehensive Income (Loss) for the Three Months Ended March 31, 2002 and 2001	6
Notes to Interim Consolidated Financial Statements	7-13
Management's Discussion and Analysis of Financial Condition and Results of Operations	14-25
Part II Other Information	26
Signatures	27
Exhibit Index	28

## EMC CORPORATION

PART I  
FINANCIAL INFORMATIONCONSOLIDATED BALANCE SHEETS  
(in thousands, except per share amounts)

	March 31, 2002	December 31, 2001
	(unaudited)	
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 1,832,031	\$ 2,129,019
Short-term investments	526,393	445,428
Accounts and notes receivable, less allowance for doubtful accounts of \$45,935 and \$36,169	1,072,692	1,348,569
Inventories	513,704	583,985
Deferred income taxes	271,399	287,597
Other current assets	117,347	128,644
Total current assets	4,333,566	4,923,242
Long-term investments	2,933,608	2,509,112
Property, plant and equipment, net	1,820,560	1,827,331
Intangible and other assets, net	573,952	583,110
Deferred income taxes	43,266	46,840
Total assets	\$ 9,704,952	\$ 9,889,635

Edgar Filing: EMC CORP - Form 10-Q

	March 31, 2002	December 31, 2001
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
Current liabilities:		
Notes payable and current portion of long-term obligations	\$ 56,548	\$ 56,677
Accounts payable	437,807	424,132
Accrued expenses	927,834	1,024,211
Income taxes payable	267,002	315,368
Deferred revenue	417,373	359,026
Total current liabilities	2,106,564	2,179,414
Other liabilities	88,585	109,401
Commitments and contingencies		
Stockholders' equity:		
Series preferred stock, par value \$.01; authorized 25,000 shares, none outstanding		
Common stock, par value \$.01; authorized 6,000,000 shares; issued 2,223,385 and 2,221,442 shares	22,234	22,214
Additional paid-in capital	3,483,184	3,470,325
Deferred compensation	(24,621)	(29,209)
Retained earnings	4,111,896	4,188,755
Accumulated other comprehensive loss, net	(64,632)	(33,007)
Treasury stock, at cost; 1,060 shares	(18,258)	(18,258)
Total stockholders' equity	7,509,803	7,600,820
Total liabilities and stockholders' equity	\$ 9,704,952	\$ 9,889,635

The accompanying notes are an integral part of the consolidated financial statements.

**EMC CORPORATION**  
**CONSOLIDATED STATEMENTS OF OPERATIONS**  
(in thousands, except per share amounts)  
(unaudited)

	For the Three Months Ended	
	March 31, 2002	March 31, 2001
Revenues:		
Net sales	\$ 1,024,623	\$ 2,056,926
Services	277,355	287,869
	1,301,978	2,344,795
Costs and expenses:		
Cost of sales	634,599	876,611

Edgar Filing: EMC CORP - Form 10-Q

	For the Three Months Ended	
Cost of services	166,334	175,673
Research and development	200,951	224,040
Selling, general and administrative	454,668	593,036
Operating income (loss)	(154,574)	475,435
Investment income	55,525	71,609
Interest expense	(2,861)	(3,258)
Other income (expense), net	(7,890)	2,506
Income (loss) before taxes	(109,800)	546,292
Income tax provision (benefit)	(32,941)	147,497
Net income (loss)	\$ (76,859)	\$ 398,795
Net income (loss) per weighted average share, basic	\$ (0.03)	\$ 0.18
Net income (loss) per weighted average share, diluted	\$ (0.03)	\$ 0.18
Weighted average shares, basic	2,221,685	2,203,865
Weighted average shares, diluted	2,221,685	2,248,773

The accompanying notes are an integral part of the consolidated financial statements.

**EMC CORPORATION**  
**CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(in thousands)  
(unaudited)

	For the Three Months Ended	
	March 31, 2002	March 31, 2001
<b>Cash flows from operating activities:</b>		
Net income (loss)	\$ (76,859)	\$ 398,795
Adjustments to reconcile net income (loss) to net cash provided by operating activities:		
Depreciation and amortization	158,814	144,931
Other than temporary declines in equity investments	3,315	
Reversal of non-cash inventory provision	(28,071)	
Amortization of deferred compensation	4,267	5,256
Provision for doubtful accounts	20,275	8,989
Deferred income taxes	18,820	(7,743)
Net loss on disposal of property, plant and equipment	62	1,324
Tax benefit from stock options exercised	359	90,315
Minority interest		29

Edgar Filing: EMC CORP - Form 10-Q

For the Three Months Ended

<b>Changes in assets and liabilities:</b>		
Accounts and notes receivable	261,620	188,603
Inventories	98,359	(75,507)
Other assets	16,438	(85,361)
Accounts payable	12,475	(43,002)
Accrued expenses	(96,587)	(37,429)
Income taxes payable	(48,366)	(113,949)
Deferred revenue	53,321	32,920
Other liabilities	(10,355)	3,130
Net cash provided by operating activities	387,887	511,301
<b>Cash flows from investing activities:</b>		
Additions to property, plant and equipment	(115,128)	(281,121)
Proceeds from sales of property, plant and equipment		17,128
Capitalized software development costs	(28,752)	(29,737)
Purchases of short and long-term available for sale securities	(3,836,705)	(1,133,922)
Sales of short and long-term available for sale securities	3,197,647	927,925
Maturity of short and long-term available for sale securities	98,966	74,175
Net cash used by investing activities	(683,972)	(425,552)
<b>Cash flows from financing activities:</b>		
Issuance of common stock	12,841	54,835
Cash portion of McDATA Corporation spin-off dividend		(141,981)
Payment of long-term obligations	(6,211)	(8,484)
Proceeds from short-term obligations, net	718	
Net cash provided (used) by financing activities	7,348	(95,630)
Effect of exchange rate changes on cash	(8,251)	(3,735)
Net decrease in cash and cash equivalents	(296,988)	(13,616)
Cash and cash equivalents at beginning of period	2,129,019	1,983,221
Cash and cash equivalents at end of period	\$ 1,832,031	\$ 1,969,605
<b>Non-cash activity:</b>		
Distribution of net assets in McDATA Corporation dividend	\$	\$ 234,152

The accompanying notes are an integral part of the consolidated financial statements.

Edgar Filing: EMC CORP - Form 10-Q

	For the Three Months Ended	
	March 31, 2002	March 31, 2001
Net income (loss)	\$ (76,859)	\$ 398,795
Other comprehensive income (loss), net of taxes (benefit):		
Foreign currency translation adjustments, net of taxes (benefit) of \$(4,283) and \$(2,090)	(4,634)	(5,647)
Equity adjustment for minimum pension liability, net of taxes (benefit) of \$343 and \$(7,616)	(343)	(20,592)
Changes in market value of derivatives, net of taxes (benefit) of \$(22) and \$4,758	(196)	12,863
Changes in market value of investments, net of taxes (benefit) of \$(8,181) and \$6,402	(26,452)	17,312
Other comprehensive income (loss)	(31,625)	3,936
Comprehensive income (loss)	\$ (108,484)	\$ 402,731

The accompanying notes are an integral part of the consolidated financial statements.

6

**EMC CORPORATION**  
**NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS**

**1. Basis of Presentation**

*Company*

EMC Corporation and its subsidiaries ("EMC") design, manufacture, market and support a wide range of storage platforms and software offerings, as well as related services, that enable its customers to store, manage, protect and share electronic information.

*Accounting*

The accompanying interim consolidated financial statements are unaudited and have been prepared in accordance with generally accepted accounting principles. These statements include the accounts of EMC and its subsidiaries. Certain information and footnote disclosures normally included in EMC's annual consolidated financial statements have been condensed or omitted. The interim consolidated financial statements, in the opinion of management, reflect all adjustments (consisting only of normal recurring accruals) necessary to fairly present the results as of and for the periods ended March 31, 2002 and 2001.

The results of operations for the interim periods are not necessarily indicative of the results of operations to be expected for the entire fiscal year. These interim consolidated financial statements should be read in conjunction with the audited consolidated financial statements for the year ended December 31, 2001, which are contained in EMC's Annual Report on Form 10-K filed with the Securities and Exchange Commission on March 22, 2002.

Certain prior year amounts have been reclassified to conform with the 2002 presentation.

**2. Inventories**

Inventories consist of (table in thousands):

<b>March 31, 2002</b>	<b>December 31, 2001</b>
---------------------------	------------------------------

Edgar Filing: EMC CORP - Form 10-Q

Purchased parts	\$ 26,174	\$ 28,508
Work-in-process	387,094	396,304
Finished goods	100,436	159,173
	<u>\$ 513,704</u>	<u>\$583,985</u>

### 3. Property, Plant and Equipment

Property, plant and equipment consists of (table in thousands):

	March 31, 2002	December 31, 2001
Furniture and fixtures	\$ 147,439	\$ 146,369
Equipment	1,934,432	1,888,361
Buildings and improvements	764,949	683,515
Land and improvements	92,171	93,159
Construction in progress	256,560	328,172
	<u>3,195,551</u>	<u>3,139,576</u>
Accumulated depreciation	<u>(1,374,991)</u>	<u>(1,312,245)</u>
	<u>\$ 1,820,560</u>	<u>\$ 1,827,331</u>

7

**EMC CORPORATION**  
**NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

### 4. Accrued Expenses

Accrued expenses consist of (table in thousands):

	March 31, 2002	December 31, 2001
Salary and benefits	\$ 284,605	\$ 310,214
Warranty	114,228	118,347
2001 restructuring	159,289	199,281
Other	369,712	396,369
	<u>\$ 927,834</u>	<u>\$ 1,024,211</u>

### 5. Net Income (Loss) Per Share

Calculation of diluted earnings (loss) per share is as follows (table in thousands, except per share amounts):

	For the Three Months Ended	
	March 31, 2002	March 31, 2001
Net income (loss)	\$ (76,859)	\$ 398,795

Edgar Filing: EMC CORP - Form 10-Q

	For the Three Months Ended	
Weighted average shares, basic	2,221,685	2,203,865
Weighted common stock equivalents		44,908
Weighted average shares, diluted	2,221,685	2,248,773
Net income (loss) per share, diluted	\$ (0.03)	\$ 0.18

Options to acquire 155.8 million and 50.3 million shares of common stock, par value \$.01 per share, of EMC ("Common Stock") for the three months ended March 31, 2002 and March 31, 2001, respectively, were excluded from the calculation of diluted earnings per share because of their antidilutive effect.

## 6. Goodwill and Other Intangible Assets

In July 2001, the Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standards ("FAS") No. 142, "Goodwill and Other Intangible Assets." FAS No. 142 requires goodwill to be tested for impairment and written down when impaired, rather than being amortized over useful lives, as previous standards required. This standard became effective for EMC commencing with its 2002 fiscal year. As a result of adopting FAS No. 142, approximately \$45.0 million of goodwill amortization will not be recognized in 2002.

8

## EMC CORPORATION NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## 6. Goodwill and Other Intangible Assets (Continued)

The following is the pro-forma effect on net income and net income per share had FAS No. 142 been in effect for the three months ended March 31, 2001 (table in thousands, except per share amounts):

Net income	\$ 398,795
Add back: Impact of goodwill amortization, net of tax benefit of \$455	11,027
Pro forma net income	\$ 409,822
Net income per share, basic	\$ 0.18
Add back: Impact of goodwill amortization, net of taxes	0.01
Pro forma net income per share, basic	\$ 0.19
Net income per share, diluted	\$ 0.18
Add back: Impact of goodwill amortization, net of taxes	
Pro forma net income per share, diluted	\$ 0.18

## 7. Equity Transactions

On February 7, 2001, EMC distributed to its stockholders of record as of the close of business on January 24, 2001, all of its shares of McDATA Corporation ("McDATA") Class A common stock. The distribution was effected by means of a pro rata dividend of approximately .0368069 of a share of McDATA Class A common stock for each share of Common Stock. In lieu of fractional shares of McDATA Class A common stock, each stockholder received a cash payment. The distribution, which totaled \$376.1 million, has been accounted for as a tax-free dividend to EMC stockholders and charged to retained earnings based on the book value as of the date of the distribution. As a result of the distribution, EMC no longer has any equity ownership interest in McDATA.



**8. Commitments and Contingencies***Lines of Credit*

EMC has available for use credit lines of \$50.0 million in the United States and \$50.0 million in Brazil. The Brazilian line requires EMC to borrow in Brazilian currency. As of March 31, 2002, EMC had \$40.8 million outstanding on its line of credit in Brazil and none outstanding on its line of credit in the United States. The U.S. credit line bears interest at the bank's base rate and requires EMC, upon utilization of the credit line, to meet certain financial covenants with respect to limitations on losses. The Brazilian credit line bears interest at the rate quoted by the lender (20% at March 31, 2002) and requires EMC to meet certain financial covenants with respect to limitations on losses and maintaining minimum levels of cash and investments. In the event the covenants are not met, the lender may require EMC to provide collateral to secure the outstanding balance. As of March 31, 2002, EMC was in compliance with the covenants. The Brazilian line of credit is denominated in local currency and as such, bears an interest rate commensurate with local currency short-term interest rates. The Brazilian line of credit has been established to help manage currency volatility between the local currency and the U.S. dollar and facilitate cash repatriation.

9

**EMC CORPORATION**  
**NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

**8. Commitments and Contingencies (Continued)***Litigation*

In April 2002, EMC filed a complaint against Hitachi, Ltd. ("Hitachi") and Hitachi Data Systems Corporation ("HDS") with the International Trade Commission ("ITC") and in the United States Federal District Court in Worcester, Massachusetts. The ITC complaint alleges that Hitachi and HDS have engaged in unlawful activities by importing into the United States products that infringe six EMC patents. EMC has asked the ITC to issue an injunction to block importation of Hitachi's infringing software, including those software products sold by HDS. The suit in District Court seeks preliminary and permanent injunctions as well as unspecified monetary damages for patent infringement. Thereafter, also in April 2002, Hitachi and Hitachi Computer Products (America), Inc. ("Hitachi America") filed a complaint against EMC in the United States Federal District Court for the Western District of Oklahoma alleging that certain EMC products infringe eight Hitachi patents and seeking preliminary and permanent injunctions as well as unspecified monetary damages for patent infringement. EMC believes that Hitachi and Hitachi America's claims are without merit.

EMC is a party to other litigation that it considers routine and incidental to its business. Management does not expect the results of any of these actions to have a material adverse effect on EMC's business, results of operations or financial condition.

**9. Segment Information**

EMC operates in the following segments: information storage products, information storage services and other businesses. The following table presents the revenue components for information storage products (table in thousands):

	<b>For the Three Months Ended</b>	
	<b>March 31, 2002</b>	<b>March 31, 2001</b>
Information storage systems	\$ 741,578	\$ 1,564,312
Information storage software	282,323	467,519
	<b>\$ 1,023,901</b>	<b>\$ 2,031,831</b>

10

**EMC CORPORATION**  
**NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

## 9. Segment Information (Continued)

EMC's management makes financial decisions and allocates resources based on revenues and gross profit achieved at the segment level. EMC does not allocate selling, general and administrative or research and development expenses to each segment, as management does not use this information to measure the performance of the operating segments. The revenues and gross profit attributable to these segments are included in the following table (table in thousands, except for footnote):

For the Three Months Ended	Information Storage Products	Information Storage Services	Other Businesses	Consolidated
<b>March 31, 2002</b>				
Revenues	\$ 1,023,901	\$ 238,530	\$ 39,547	\$ 1,301,978
Gross profit	361,325 <sup>(1)</sup>	95,444	16,205	472,974 <sup>(1)</sup>
Gross profit percentage	35.3% <sup>(1)</sup>	40.0%	41.0%	36.3% <sup>(1)</sup>
<b>March 31, 2001</b>				
Revenues	\$ 2,031,831	\$ 231,986	\$ 80,978	\$ 2,344,795
Gross profit	1,173,904	91,517	27,090	1,292,511
Gross profit percentage	57.8%	39.4%	33.5%	55.1%

(1)

Excludes the first quarter of 2002 reduction of \$28.1 million related to the third quarter of 2001 provision for excess and obsolete inventory. See Note 10.

EMC's revenues are attributed to the geographic areas according to the location of customers. Revenues by geographic area are included in the following table (table in thousands):

	For the Three Months Ended	
	March 31, 2002	March 31, 2001
<b>Sales:</b>		
United States	\$ 749,680	\$ 1,370,033
Other North America	19,156	44,674
Europe, Middle East, Africa	285,609	596,694
Asia Pacific	223,845	279,226
Latin America	23,688	54,168
Total International	552,298	974,762
Total	\$ 1,301,978	\$ 2,344,795

No country other than the United States accounted for 10% or more of revenues during the three months ended March 31, 2002 or March 31, 2001.

At March 31, 2002, long-lived assets, excluding financial instruments, intangible assets and deferred tax assets, were \$1,564.1 million in the United States and \$176.5 million in Ireland. At December 31, 2001, the long-lived assets, excluding financial instruments, intangible assets and deferred tax assets, totaled \$1,551.5 million in the United States and \$181.4 million in Ireland. No other country accounted for 10% or more of these assets at March 31, 2002 or December 31, 2001.

**EMC CORPORATION**  
**NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

**10. Restructuring Costs and Other Special Charges**

In the third quarter of 2001, EMC implemented a restructuring program to reduce its cost structure and focus its resources on the highest potential growth areas of its business. As a result of the program, EMC incurred restructuring and other special charges of \$825.2 million. The restructuring charges consisted of \$111.5 million for employee termination benefits, \$104.5 million related to the impairment of goodwill, purchased intangibles and other long-lived assets, \$158.1 million to consolidate excess facilities and \$34.5 million for other contractual obligations for which EMC will no longer derive an economic benefit. The other special charges included a provision for excess and obsolete inventory of \$310.0 million and an other than temporary decline in certain equity investments of \$106.6 million.

The following is a summary of the activity in the reserve for the restructuring liabilities from December 31, 2001 to March 31, 2002 (table in thousands):

Category	Balance as of December 31, 2001	Current Utilization	Balance as of March 31, 2002
Workforce reduction	\$ 48,149	\$ (21,043)	\$ 27,106
Impairment of goodwill, purchased intangibles and other long-lived assets and related and other contractual obligations	23,645	(11,807)	11,838
Consolidation of excess facilities	127,487	(7,142)	120,345
Total	\$ 199,281	\$ (39,992)	\$ 159,289

The restructuring program included a reduction in force of approximately 4,000 employees across all business functions and geographic regions. Approximately 62% of such employees are or were based in North America and the remainder are or were based in Europe, Latin America and the Asia Pacific region. As of March 31, 2002, approximately 3,600 employees had been terminated with the remainder to be terminated by the end of the second quarter of 2002.

The following is a summary of the activity in the reserve for excess and obsolete inventory established as part of the third quarter 2001 restructuring program. Activity is shown from December 31, 2001 to March 31, 2002 (table in thousands):

Category	Balance as of December 31, 2001	Current Utilization	Reduction	Balance as of March 31, 2002
Excess and obsolete inventory	\$ 255,467	\$ (46,114)	\$ (28,071)	\$ 181,282

The \$28.1 million reduction resulted from a combination of favorable settlements with vendors on amounts due for cancelled orders and the usage of previously identified obsolete inventory.

The restructuring program is expected to be substantially completed by June 30, 2002, although the ability to sell and sublet facilities is subject to appropriate market conditions. The expected cash impact of the charge is \$254.7 million, of which \$55.4 million was paid in 2001 and \$30.8 million was paid in the first quarter of 2002. Remaining cash expenditures relating to workforce reductions and contractual obligations will be substantially paid by the end of 2002. Amounts relating to the consolidation of facilities will be paid over the respective lease terms through 2015.

**EMC CORPORATION**  
**NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS (Continued)**

**11. New Accounting Pronouncements**

In October 2001, the FASB issued FAS No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets." FAS No. 144 provides guidance on the accounting for the impairment or disposal of long-lived assets. The objectives of FAS No. 144 are to address issues relating to the implementation of FAS No. 121, "Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to Be Disposed Of", and to develop a model for long-lived assets to be disposed of by sale, whether previously held and used or newly acquired. FAS No. 144 was effective for EMC commencing with its 2002 fiscal year. Upon adoption, this accounting pronouncement did not have a significant impact on EMC's financial position or results of operations.

---

## MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

This Management's Discussion and Analysis of Financial Condition and Results of Operations ("MD&A") should be read in conjunction with our interim consolidated financial statements and notes thereto which appear elsewhere in this Quarterly Report and MD&A contained in EMC's Annual Report on Form 10-K filed with the Securities and Exchange Commission (the "SEC") on March 22, 2002. The following discussion contains forward-looking statements and should also be read in conjunction with "FACTORS THAT MAY AFFECT FUTURE RESULTS" beginning on page 19.

**All dollar amounts in this MD&A are in millions.**

### Results of Operations First Quarter of 2002 Compared to First Quarter of 2001

#### *Revenues*

Total revenues for the first quarter of 2002 were \$1,302.0, compared to \$2,344.8 for the first quarter of 2001, representing a decrease of \$1,042.8, or 44%.

Information storage systems revenues were \$741.6 in the first quarter of 2002, compared to \$1,564.3 in the first quarter of 2001, representing a decrease of \$822.7, or 53%. Information storage software revenues were \$282.3 in the first quarter of 2002, compared to \$467.5 in the first quarter of 2001, representing a decrease of \$185.2, or 40%. The decrease in both information storage systems and software revenues was primarily due to declining sales volume. Sales were negatively influenced by the global economic slowdown that began in 2001, which has led to a reduction in information technology spending. Competitive pricing pressures also had an adverse effect on revenues. Continued adverse changes in the economy, further reductions in information technology spending or continued pricing pressures may continue to negatively impact revenue during 2002.

Information storage services revenues were \$238.5 in the first quarter of 2002, compared to \$232.0 in the first quarter of 2001, representing an increase of \$6.5, or 3%. The increase was primarily due to a greater volume of professional services.

Total information storage revenues were \$1,262.4 in the first quarter of 2002, compared to \$2,263.8 in the first quarter of 2001, representing a decrease of \$1,001.4, or 44%.

Other businesses revenues were \$39.5 in the first quarter of 2002, compared to \$81.0 in the first quarter of 2001, representing a decrease of \$41.5, or 51%. Other businesses revenues consist of revenues from AViiON server products and related services. Included in the first quarter of 2001 were revenues from AViiON server products of \$25.1. In the third quarter of 2001, EMC stopped selling AViiON server products. Accordingly, other businesses revenues for the first quarter of 2002 and future quarters are and will be comprised only of AViiON services revenues. These revenues are expected to continue to decline in future quarters.

Revenues on sales into the North American markets were \$768.8 in the first quarter of 2002, compared to \$1,414.7 in the first quarter of 2001, representing a decrease of \$645.9, or 46%. Revenues on sales into the European, Middle East and African markets were \$285.6 in the first quarter of 2002, compared to \$596.7 in the first quarter of 2001, representing a decrease of \$311.1, or 52%. Revenues on sales into the Asia Pacific markets were \$223.8 in the first quarter of 2002, compared to \$279.2 in the first quarter of 2001, representing a decrease of \$55.4, or 20%. Revenues on sales into the Latin American markets were \$23.7 in the first quarter of 2002, compared to \$54.2 in the first quarter of 2001, representing a decrease of \$30.5, or 56%. The decline in revenues in all these markets was attributable to the global economic slowdown that began in 2001, which has led to a reduction in information technology spending. Competitive pricing pressures also had an adverse effect on revenues. The decline in revenues in Europe was also attributable to lower sales workforce productivity caused by the reduction in force related to our third quarter 2001 restructuring program, which, because of local labor laws, did not take place in Europe until well into the first quarter of 2002.

---

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)**

Changes in exchange rates in the first quarter of 2002 compared to the first quarter of 2001 negatively impacted revenues by approximately 2%. The impact was most significant in Japan, Argentina and Brazil.

*Gross Margins*

Gross margin decreased to \$501.0 in the first quarter of 2002 from \$1,292.5 in the first quarter of 2001, a decrease of \$791.5, or 61%. Included in the first quarter of 2002 results is a reduction of \$28.1 related to the third quarter of 2001 provision for excess and obsolete inventory, equal to \$310.0. The reduction resulted from a combination of favorable settlements with vendors on amounts due for cancelled orders and the usage of previously identified obsolete inventory. Included in the first quarter of 2001 was goodwill amortization of \$11.1. As a result of implementing Statement of Financial Accounting Standards ("FAS") No. 142, "Goodwill and Other Intangible Assets," goodwill is no longer amortized. Excluding the effects of these two items, gross margin decreased to \$472.9 in the first quarter of 2002 from \$1,303.6 in the first quarter of 2001, a decrease of \$830.7, or 64%, and the gross margin percentage declined to 36.3% in the first quarter of 2002 from 55.6% in the first quarter of 2001. The decline in gross margin dollars and percentage was primarily attributable to the reduction in revenues resulting from lower sales volume, which caused fixed overhead costs to be absorbed over a lower sales base. In addition, lower average selling prices also contributed to the decline.

Gross margin for information storage products, excluding the effects of the \$28.1 reduction to the provision for excess and obsolete inventory in 2002 and \$10.2 related to goodwill amortization in 2001, decreased to 35.3% in the first quarter of 2002, compared to 58.3% in the first quarter of 2001. The decline was primarily attributable to the reduction in revenues resulting from lower sales volume, which caused fixed overhead costs to be absorbed over a lower sales base. In addition, lower average selling prices also contributed to the decline. Partially offsetting these declines was an increase in gross margin from information storage software revenues. Information storage software revenues, which have a higher gross margin than information storage systems revenues, accounted for 28% of information storage products revenues in the first quarter of 2002 compared to 23% in the first quarter of 2001.

Gross margin for information storage services, excluding the effect of the \$0.9 related to goodwill amortization in 2001, increased to 40.0% in the first quarter of 2002, compared to 39.9% in the first quarter of 2001. The increase in the gross margin percentage was attributable to greater productivity of our professional services personnel.

Gross margin for other businesses increased to 41.0% in the first quarter of 2002, compared to 33.5% in the first quarter of 2001. The increase in the gross margin percentage resulted from this segment consisting only of services revenue in the first quarter of 2002 compared to both systems and services revenue in the first quarter of 2001.

*Research and Development*

Research and development ("R&D") expenses were \$201.0 and \$224.0 in the first quarters of 2002 and 2001, respectively, a decline of 10%. As a percentage of revenues, R&D expenses were 15.4% and 9.6% in 2002 and 2001, respectively. In addition, we spent \$28.8 and \$29.7 in the first quarters of 2002 and 2001, respectively, on software development, which costs were capitalized. Included in R&D expenses in the first quarter of 2001 was \$0.4 related to goodwill amortization. As a result of implementing FAS No. 142, goodwill is no longer amortized.

---

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)**

R&D spending reflects our efforts to continue to improve our long-term competitive position. These efforts include enhancements to information storage software and information storage systems, including networked information storage systems. Significant efforts underway include R&D associated with our AutoIS software strategy, as well as enhancements to our Symmetrix, CLARiiON and Celerra systems.

*Selling, General and Administrative*

## Edgar Filing: EMC CORP - Form 10-Q

Selling, general and administrative ("SG&A") expenses were \$454.7 and \$593.0 in the first quarters of 2002 and 2001, respectively, a decrease of 23%. As a percentage of revenues, SG&A expenses were 34.9% and 25.3% in the first quarters of 2002 and 2001, respectively. The decrease in SG&A expenses was primarily due to our continued cost cutting efforts as well as a decrease in commissions due to lower revenues.

### *Restructuring Costs and Other Special Charges*

In the third quarter of 2001, we implemented a restructuring program to reduce our cost structure and focus our resources on the highest potential growth areas of our business. As a result of the program, we incurred restructuring and other special charges of \$825.2. The restructuring charges consisted of \$111.5 for employee termination benefits, \$104.5 related to the impairment of goodwill, purchased intangibles and other long-lived assets, \$158.1 to consolidate excess facilities and \$34.5 for other contractual obligations for which we will no longer derive an economic benefit. The other special charges included a provision for excess and obsolete inventory of \$310.0 and an other than temporary decline in certain equity investments of \$106.6.

The following is a summary of the activity in the reserve for the restructuring liabilities from December 31, 2001 to March 31, 2002:

Category	Balance as of December 31, 2001	Current Utilization	Balance as of March 31, 2002
Workforce reduction	\$ 48.2	\$ (21.1)	\$ 27.1
Impairment of goodwill, purchased intangibles and other long-lived assets and related and other contractual obligations	23.7	(11.8)	11.9
Consolidation of excess facilities	127.4	(7.1)	120.3
Total	\$ 199.3	\$ (40.0)	\$ 159.3

The restructuring program included a reduction in force of approximately 4,000 employees across all business functions and geographic regions. Approximately 62% of such employees are or were based in North America and the remainder are or were based in Europe, Latin America and the Asia Pacific region. As of March 31, 2002, approximately 3,600 employees had been terminated with the remainder to be terminated by the end of the second quarter of 2002.

The following is a summary of the activity in the reserve for excess and obsolete inventory established as part of the third quarter 2001 restructuring program. Activity is shown from December 31, 2001 to March 31, 2002:

Category	Balance as of December 31, 2001	Current Utilization	Reduction	Balance as of March 31, 2002
Excess and obsolete inventory	\$ 255.5	\$ (46.1)	\$ (28.1)	\$ 181.3

## MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (Continued)

The \$28.1 reduction resulted from a combination of favorable settlements with vendors on amounts due for cancelled orders and the usage of previously identified obsolete inventory.

The restructuring program is expected to be substantially completed by June 30, 2002, although the ability to sell and sublet facilities is subject to appropriate market conditions. The expected cash impact of the charge is \$254.7, of which \$55.4 was paid in 2001 and \$30.8 was paid in 2002. Remaining cash expenditures relating to workforce reductions and contractual obligations will be substantially paid by the end of 2002. Amounts relating to the consolidation of facilities will be paid over the respective lease terms through 2015. The restructuring program has reduced costs in all areas of our operations, favorably impacting cost of sales, SG&A expenses and R&D expenses. As of March 31, 2002, we have reduced operating expenses by approximately \$210.0 per quarter compared to our operating cost structure for the quarter ended June 30, 2001.

### *Investment Income*

## Edgar Filing: EMC CORP - Form 10-Q

Investment income decreased to \$55.5 in the first quarter of 2002, from \$71.6 in the first quarter of 2001. Investment income was earned primarily from investments in cash equivalents, short and long-term investments and sales-type leases. Investment income decreased because of lower realized gains on sales of investments and lower yields on outstanding investment balances. The weighted average return on investments, excluding realized gains, was 3.6% and 5.4% in the first quarters of 2002 and 2001, respectively.

### *Other Income (Expense), net*

Other expense, net was \$7.9 in the first quarter of 2002, compared to other income, net of \$2.5 in the first quarter of 2001. The change was primarily due to foreign currency losses incurred in the first quarter of 2002 compared to foreign currency gains realized in the first quarter of 2001.

### *Provision (Benefit) for Income Taxes*

The benefit for income taxes was \$32.9 in the first quarter of 2002 compared to a provision for income taxes of \$147.5 in the first quarter of 2001. As a result of our loss in the first quarter of 2002, we had an income tax benefit with an effective tax rate of 30.0%. In the first quarter of 2001, we had pre-tax earnings resulting in an effective tax rate of 27.0%. The rate of benefit in the first quarter of 2002 is higher than the rate of the tax provision in the first quarter of 2001 due to the projected annual mix of income and losses in the countries in which we operate.

### *Financial Condition*

Cash and cash equivalents and short and long-term investments were \$5,292.0 and \$5,083.6 at March 31, 2002 and December 31, 2001, respectively, an increase of \$208.4. During the first quarter of 2002, cash and cash equivalents decreased by \$297.0 and short and long-term investments increased by \$505.4.

Cash provided by operating activities in the first quarter of 2002 was \$387.9, compared to \$511.3 in the first quarter of 2001. The decline in the first quarter of 2002 compared to the first quarter of 2001 was primarily attributable to the \$76.9 net loss incurred in the first quarter of 2002 compared to the \$398.8 of net income generated in the first quarter of 2001. Partially offsetting the reduction in net income was an improvement in working capital associated with reductions in accounts and notes receivable and inventories.

---

## MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (Continued)

Cash used for investing activities was \$684.0 in the first quarter of 2002, compared to \$425.6 in the first quarter of 2001. Capital additions were \$115.1 and \$281.1 in the first quarters of 2002 and 2001, respectively. The decrease in capital additions resulted from cost containment measures implemented during the third quarter of 2001. Net purchases and maturities of investments, consisting primarily of debt securities, were \$540.1 and \$131.8 in the first quarters of 2002 and 2001, respectively.

Cash provided by financing activities was \$7.3 in the first quarter of 2002, compared to cash used for financing activities totaling \$95.6 in the first quarter of 2001. During the first quarter of 2001, we distributed our ownership interest in McDATA. As a result of the distribution, McDATA's net assets were no longer consolidated with our assets, which resulted in a \$142.0 reduction in cash.

We employ several strategies to enhance our liquidity and income. We derive revenues from both selling and leasing activity. We customarily sell the notes receivable resulting from our leasing activity. Generally, we do not retain any recourse on the sale of these notes. If recourse is retained, we assess and provide for any exposure that may exist. Additionally, from time to time we may sell accounts receivable when it is economically beneficial. We also lend certain fixed income securities to generate investment income. During the first quarter of 2002, we entered into various agreements to loan fixed income securities generally on an overnight basis. Under these securities lending agreements, the value of the collateral is equal to 102% of the fair market value of the loaned securities. The collateral is generally cash, U.S. government-backed securities or letters of credit. At March 31, 2002, there were no outstanding securities lending transactions.

We have available for use credit lines of \$50.0 in the United States and \$50.0 in Brazil. The Brazilian line requires us to borrow in Brazilian currency. As of March 31, 2002, we had \$40.8 outstanding on our line of credit in Brazil and none outstanding on our line of credit in the United States. The Brazilian line of credit requires us to meet certain financial covenants with respect to limitations on losses and maintaining minimum levels of cash and investments. In the event the covenants are not met, the lender may require us to provide collateral to secure the outstanding balance. As of March 31, 2002, we were in compliance with the covenants. The Brazilian line of credit has been established to help manage currency volatility between the local currency and the U.S. dollar and facilitate cash repatriation.

## Edgar Filing: EMC CORP - Form 10-Q

Based on our current operating and capital expenditure forecasts, we believe that the combination of funds currently available, funds generated from operations and our available lines of credit will be adequate to finance our ongoing operations for the next twelve months.

To date, inflation has not had a material impact on our financial results.

### *New Accounting Pronouncements*

In October 2001, the Financial Accounting Standards Board issued FAS No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets." FAS No. 144 provides guidance on the accounting for the impairment or disposal of long-lived assets. The objectives of FAS No. 144 are to address issues relating to the implementation of FAS No. 121, "Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to Be Disposed Of", and to develop a model for long-lived assets to be disposed of by sale, whether previously held and used or newly acquired. FAS No. 144 was effective for us commencing with our 2002 fiscal year. Upon adoption, this accounting pronouncement did not have a significant impact on our financial position or results of operations.

18

---

## MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (Continued)

### FACTORS THAT MAY AFFECT FUTURE RESULTS

Our prospects are subject to certain uncertainties and risks. This Quarterly Report on Form 10-Q also contains certain forward-looking statements within the meaning of the Federal securities laws. Our future results may differ materially from our current results and actual results could differ materially from those projected in the forward-looking statements as a result of certain risk factors, including but not limited to those set forth below, other one-time events and other important factors disclosed previously and from time to time in our other filings with the SEC.

#### **Our business could continue to be materially adversely affected as a result of general economic and market conditions.**

We are subject to the effects of general global economic and market conditions. Our operating results have been materially adversely affected as a result of recent unfavorable economic conditions and reduced information technology spending. If economic and market conditions do not improve, our business, results of operations or financial condition could continue to be materially adversely affected.

#### **Our business could continue to be materially adversely affected as a result of a lessening demand in the information technology market.**

Our revenue and profitability depend on the overall demand for information storage systems, software and services, particularly in the product segments in which we compete. During 2001 and the first quarter of 2002, there was a decrease in demand for information storage products as customers delayed or reduced information technology expenditures. For 2002, customer forecasts indicate that information technology budgets may be further reduced. Further delays or reductions in information technology spending, domestically or internationally, could continue to materially adversely affect demand for our products and services which could result in decreased revenues or earnings.

#### **We may have difficulty managing operations.**

With the weakened global economy, we have experienced lower than expected revenues and, in the third quarter of 2001, we implemented a restructuring program to reduce our cost structure and focus our resources on the highest potential growth areas of our business. Our future operating results will depend on the success of our restructuring program as well as on our overall ability to manage operations, which includes, among other things:

retaining and hiring, as required, the appropriate number of qualified employees

enhancing and expanding, as appropriate, our infrastructure, including but not limited to, our information systems and management team

accurately forecasting revenues



managing inventory levels to minimize excess and obsolete inventory

controlling expenses

managing our manufacturing capacity, real estate facilities and other assets

executing on our plans

An unexpected further decline in revenues without a corresponding and timely reduction in expenses or a failure to manage other aspects of our operations could have a further material adverse effect on our business, results of operations or financial condition.

## **MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS (Continued)**

### **Competitive pricing and difficulty managing product costs could materially adversely affect our revenues and earnings.**

Competitive pricing pressures exist in the information storage market and have had, and in the future may have, a material adverse effect on our revenues and earnings. There also has been and may continue to be a willingness on the part of certain competitors to reduce prices or provide information storage products or services, together with other products or services, at minimal or no additional cost in order to preserve or gain market share. We currently believe that pricing pressures are likely to continue.

To date, we have been able to manage our component and product design costs. However, there can be no assurance that we will be able to continue to achieve reductions in component and product design costs. Further, the relative and varying rates of increases or decreases in product price and component cost could have a material adverse effect on our earnings.

### **Our business could be materially adversely affected as a result of war or acts of terrorism.**

The terrorist attacks of September 11, 2001 exacerbated global economic conditions and adversely impacted many businesses, including our business. Terrorist acts or acts of war may cause damage or disruption to our employees, facilities, customers, partners, suppliers and distributors and resellers, which could have a material adverse effect on our business, results of operations or financial condition. Such conflicts may also cause damage or disruption to transportation and communication systems and to our ability to manage logistics in such an environment, including receipt of components and distribution of products.

### **We may be unable to keep pace with rapid industry, technological and market changes.**

The markets in which we compete are characterized by rapid technological change, frequent new product introductions, evolving industry standards and changing needs of customers. There can be no assurance that our existing products will continue to be properly positioned in the market or that we will be able to introduce new or enhanced products into the market on a timely basis, or at all. We spend a considerable amount of money on research and development and introduce new products from time to time. There can be no assurance that enhancements to existing products or new products will receive customer acceptance.

Risks associated with the development and introduction of new products include delays in development and changes in data storage, networking and operating system technologies which could require us to modify existing products. Risks inherent in the transition to new products include the difficulty in forecasting customer preferences or demand accurately, the inability to expand production capacity to meet demand for new products, the impact of customers' demand for new products on the products being replaced, thereby causing an excessive obsolete supply of inventory, and delays in initial shipments of new products. Further risks inherent in new product introductions include the uncertainty of price-performance relative to products of competitors, competitors' responses to the introductions and the desire by customers to evaluate new products for longer periods of time. Our failure to introduce new or enhanced products on a timely basis, keep pace with rapid industry, technological or market changes or effectively manage the transitions to new products or new technologies could have a material adverse effect on our business, results of operations or financial condition.

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)**

**If our suppliers do not meet our quality or delivery requirements, we could have decreased revenues and earnings.**

We purchase many sophisticated components and products from one or a limited number of qualified suppliers, including some of our competitors. These components and products include disk drives, high density memory components and power supplies. We have experienced delivery delays from time to time because of high industry demand or the inability of some vendors to consistently meet our quality or delivery requirements. If any of our suppliers were to cancel contracts or commitments with us or fail to meet the quality or delivery requirements needed to satisfy customer orders for our products, we could lose time-sensitive customer orders and have significantly decreased quarterly revenues and earnings, which would have a material adverse effect on our business, results of operations and financial condition.

Additionally, we periodically transition our product line to incorporate new technologies. The importance of transitioning our customers smoothly to new technologies, along with our historically uneven pattern of quarterly sales, intensifies the risk that a supplier who fails to meet our quality or delivery requirements will have a material adverse impact on our revenues and earnings.

**Our business may suffer if we are unable to retain or attract key personnel.**

Our business depends to a significant extent on the continued service of senior management and other key employees, the development of additional management personnel and the hiring of new qualified employees. Competition for highly skilled personnel is intense in the high technology industry. Because of the importance of stock-based incentive compensation in our total compensation program, the volatility or lack of positive performance in our stock price may from time to time adversely affect our ability to retain or attract key employees. There can be no assurance that we will be successful in retaining existing personnel or recruiting new personnel. The loss of one or more key or other employees, our inability to attract additional qualified employees or the delay in hiring key personnel could have a material adverse effect on our business, results of operations or financial condition.

**Historically uneven sales patterns could significantly impact our quarterly revenues and earnings.**

Our quarterly sales have historically reflected an uneven pattern in which a disproportionate percentage of a quarter's total sales occur in the last month and weeks and days of each quarter. This pattern makes prediction of revenues, earnings and working capital for each financial period especially difficult and uncertain and increases the risk of unanticipated variations in quarterly results and financial condition. We believe this uneven sales pattern is a result of many factors including:

the significant size of our average product price in relation to our customers' budgets, resulting in long lead times for customers' budgetary approval, which tends to be given late in a quarter

the tendency of customers to wait until late in a quarter to commit to purchase in the hope of obtaining more favorable pricing from one or more competitors seeking their business

the fourth quarter influence of customers' spending their remaining capital budget authorization prior to new budget constraints in the first quarter of the following year

seasonal influences

Our uneven sales pattern also makes it extremely difficult to predict near-term demand and adjust manufacturing capacity accordingly. If predicted demand is substantially greater than orders, there will be excess inventory. Alternatively, if orders substantially exceed predicted demand, the ability to assemble, test and ship orders received in the last weeks and days of each quarter may be limited, which could materially adversely affect quarterly revenues and earnings.

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)**

In addition, our revenues in any quarter are substantially dependent on orders booked and shipped in that quarter and our backlog at any particular time is not necessarily indicative of future sales levels. This is because:

we assemble our products on the basis of our forecast of near-term demand and maintain inventory in advance of receipt of firm orders from customers

we generally ship products shortly after receipt of the order

customers may reschedule or cancel orders with little or no penalty

Moreover, delays in product shipping, caused by loss of power or telecommunications or similar services, or an unexpected decline in revenues without a corresponding and timely slowdown in expenses, could intensify the impact of these factors on our business, results of operations and financial condition.

**Risks associated with our distribution channels may materially adversely affect our financial results.**

In addition to our direct sales force, we have agreements in place with many distributors, systems integrators, resellers and original equipment manufacturers to market and sell our products and services. We may, from time to time, derive a significant percentage of our revenues from such distribution channels. Our financial results could be materially adversely affected if our contracts with channel partners were terminated, if our relationship with channel partners were to deteriorate or if the financial condition of our channel partners were to weaken. In addition, as our market opportunities change, we may have an increased reliance on channel partners, which may negatively impact our gross margins. There can be no assurance that we will be successful in maintaining or expanding these channels. If we are not successful, we may lose sales opportunities, customers and market share. Furthermore, the partial reliance on channel partners may materially reduce the visibility to our management of potential customers and demand for products and services, thereby making it more difficult to accurately forecast such demand. In addition, there can be no assurance that our channel partners will not develop or market products or services in competition with us in the future.

**Our business could be materially adversely affected as a result of the risks associated with acquisitions and investments.**

As part of our business strategy, we seek to acquire businesses that offer complementary products, services or technologies. These acquisitions are accompanied by the risks commonly encountered in an acquisition of a business including, among other things:

the effect of the acquisition on our financial and strategic position and reputation

the failure of an acquired business to further our strategies

the difficulty of integrating the acquired business

the lack of experience in new markets, products or technologies or the initial dependence on unfamiliar supply or distribution partners

the diversion of our management's attention from other business concerns

the impairment of relationships with customers of the acquired business

the potential loss of key employees of the acquired company

the potential impairment of acquired assets

22

---

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)**

These factors could have a material adverse effect on our business, results of operations or financial condition. To the extent that we issue shares of our common stock or other rights to purchase common stock in connection with any future acquisition, existing stockholders may experience dilution and potentially decreased earnings per share.

We also seek to invest in businesses that offer complementary products, services or technologies. These investments are accompanied by risks similar to those encountered in an acquisition of a business.

**The markets we serve are highly competitive, and we may be unable to compete effectively.**

We compete with many established companies in the markets we serve and some of these companies (whether independently or by establishing alliances) may have substantially greater financial, marketing and technological resources, larger distribution capabilities, earlier access to customers and more opportunity to address customers' various information technology requirements than us. We also compete with many smaller, less established companies in specific product segments. Some of these companies may develop new technologies or products in advance of us or establish business models or technologies disruptive to us. Our business may be materially adversely affected by the announcement or introduction of new products by our competitors, including hardware and software products and services, and the implementation of effective marketing or sales strategies by our competitors.

**Changes in foreign conditions could impair our international sales.**

A substantial portion of our revenues is derived from sales outside the United States. In addition, a substantial portion of our products is manufactured outside of the United States. Accordingly, our future results could be materially adversely affected by a variety of factors, including changes in foreign currency exchange rates, changes in a specific country's or region's political or economic conditions, trade restrictions, import or export licensing requirements, the overlap of different tax structures or changes in international tax laws, changes in regulatory requirements, compliance with a variety of foreign laws and regulations and longer payment cycles in certain countries.

**Undetected problems in our products could directly impair our financial results.**

If flaws in design, production, assembly or testing of our products were to occur by us or our suppliers, we could experience a rate of failure in our products that would result in substantial repair or replacement costs and potential damage to our reputation. Continued improvement in manufacturing capabilities, control of material and manufacturing quality and costs and product testing, are critical factors in our future growth. There can be no assurance that our efforts to monitor, develop, modify and implement appropriate test and manufacturing processes for our products will be sufficient to permit us to avoid a rate of failure in our products that results in substantial delays in shipment, significant repair or replacement costs or potential damage to our reputation, any of which could have a material adverse effect on our business, results of operations or financial condition.

23

---

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)**

**Our business could be materially adversely affected as a result of the risks associated with alliances.**

We have alliances with leading information technology companies and we plan to continue our strategy of developing key alliances in order to expand our reach into markets. There can be no assurance that we will be successful in our ongoing strategic alliances or that we will be able to find further suitable business relationships as we develop new products and strategies. Any failure to continue or expand such relationships could have a material adverse effect on our business, results of operations or financial condition.

There can be no assurance that companies with which we have strategic alliances, certain of which have substantially greater financial, marketing or technological resources than us, will not develop or market products in competition with us in the future, discontinue their alliances with us or form alliances with our competitors.

**Our business may suffer if we cannot protect our intellectual property.**

We generally rely upon patent, copyright, trademark and trade secret laws and contract rights in the United States and in other countries to establish and maintain our proprietary rights in our technology and products. However, there can be no assurance that any of our proprietary rights will not be challenged, invalidated or circumvented. In addition, the laws of certain countries do not protect our proprietary rights to the same extent as do the laws of the United States. Therefore, there can be no assurance that we will be able to adequately protect our proprietary technology against unauthorized third-party copying or use, which could adversely affect our competitive position. Further, there can be no assurance that we will be able to obtain licenses to any technology that we may require to conduct our business or that, if obtainable, such technology can be licensed at a reasonable cost.

From time to time, we receive notices from third parties claiming infringement by our products of third-party patent or other intellectual property rights. Responding to any such claim, regardless of its merit, could be time-consuming, result in costly litigation, divert management's attention and resources and cause us to incur significant expenses. In the event there is a temporary or permanent injunction entered prohibiting us from marketing or selling certain of our products or a successful claim of infringement against us requiring us to pay royalties to a third party, and we fail to develop or license a substitute technology, our business, results of operations or financial condition could be materially adversely affected.

**We may become involved in litigation that may materially adversely affect us.**

In the ordinary course of business, we may become involved in litigation, administrative proceedings and governmental proceedings. Such matters can be time-consuming, divert management's attention and resources and cause us to incur significant expenses. Furthermore, there can be no assurance that the results of any of these actions will not have a material adverse effect on our business, results of operations or financial condition.

**We may have exposure to additional income tax liabilities.**

As a multinational corporation, we are subject to income taxes in both the United States and various foreign jurisdictions. Our domestic and international tax liabilities are subject to the allocation of revenues and expenses in different jurisdictions and the timing of recognizing revenues and expenses. Additionally, the amount of income taxes paid is subject to our interpretation of applicable tax laws in the jurisdictions in which we file. From time to time, we are subject to income tax audits. While we believe we have complied with all applicable income tax laws, there can be no assurance that a governing tax authority will not have a different interpretation of the law and assess us with additional taxes. Should we be assessed with additional taxes, there could be a material adverse effect on our results of operations or financial condition.

---

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION  
AND RESULTS OF OPERATIONS (Continued)**

**Changes in regulations could materially adversely affect us.**

Our business, results of operations or financial condition could be materially adversely affected if laws, regulations or standards relating to us or our products were newly implemented or changed.

**Our stock price is volatile.**

Our stock price, like that of other technology companies, is subject to significant volatility because of factors such as:

the announcement of new products, services or technological innovations by us or our competitors

quarterly variations in our operating results

changes in revenue or earnings estimates by the investment community

speculation in the press or investment community

In addition, our stock price is affected by general economic and market conditions and has recently been negatively affected by unfavorable global economic conditions. If such conditions continue to deteriorate, our stock price could decline further.

25

---

**EMC CORPORATION**

**PART II  
OTHER INFORMATION**

**Item 1. Legal Proceedings**

In April 2002, EMC filed a complaint against Hitachi, Ltd. ("Hitachi") and Hitachi Data Systems Corporation ("HDS") with the International Trade Commission ("ITC") and in the United States Federal District Court in Worcester, Massachusetts. The ITC complaint alleges that Hitachi and HDS have engaged in unlawful activities by importing into the United States products that infringe six EMC patents. We have asked the ITC to issue an injunction to block importation of Hitachi's infringing software, including those software products sold by HDS. The suit in District Court seeks preliminary and permanent injunctions as well as unspecified monetary damages for patent infringement. Thereafter, also in April 2002, Hitachi and Hitachi Computer Products (America), Inc. ("Hitachi America") filed a complaint against us in the United States Federal District Court for the Western District of Oklahoma alleging that certain of our products infringe eight Hitachi patents and seeking preliminary and permanent injunctions as well as unspecified monetary damages for patent infringement. We believe that Hitachi and Hitachi America's claims are without merit.

We are a party to other litigation which we consider routine and incidental to our business. Management does not expect the results of any of these actions to have a material adverse effect on our business, results of operations or financial condition.

**Item 6. Exhibits and Reports on Form 8-K**

*(a) Exhibits*

See index to Exhibits on page 28 of this report.

*(b) Reports on Form 8-K*

We did not file any current report on Form 8-K during the quarter ended March 31, 2002.

26

---

**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.

EMC CORPORATION

Date: May 9, 2002

By: /s/ WILLIAM J. TEUBER, JR.

\_\_\_\_\_  
William J. Teuber, Jr.

*Executive Vice President and  
Chief Financial Officer  
(Principal Financial Officer)*  
27

---

## EXHIBIT INDEX

- 3.1 Restated Articles of Organization of EMC Corporation, as amended. (1)
  - 3.2 Amended and Restated By-laws of EMC Corporation. (2)
  - 4.1 Form of Stock Certificate. (3)
- 

- (1) Incorporated by reference to EMC Corporation's Quarterly Report on Form 10-Q filed August 9, 2001 (No. 1-9853).
- (2) Incorporated by reference to EMC Corporation's Annual Report on Form 10-K filed March 17, 2000 (No. 1-9853).
- (3) Incorporated by reference to EMC Corporation's Annual Report on Form 10-K filed March 31, 1988 (No. 0-14367).

## QuickLinks

[EMC CORPORATION](#)

[EMC CORPORATION PART I FINANCIAL INFORMATION CONSOLIDATED BALANCE SHEETS \(in thousands, except per share amounts\)](#)

[EMC CORPORATION CONSOLIDATED STATEMENTS OF OPERATIONS \(in thousands, except per share amounts\) \(unaudited\)](#)

[EMC CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS \(in thousands\) \(unaudited\)](#)

[EMC CORPORATION CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME \(LOSS\) \(in thousands\) \(unaudited\)](#)

[EMC CORPORATION NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS](#)

[MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS](#)

[EMC CORPORATION](#)

[PART II OTHER INFORMATION](#)

[SIGNATURES](#)

[EXHIBIT INDEX](#)