

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

CONCORD COMMUNICATIONS INC
Form 10-K
March 26, 2001

1

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
WASHINGTON DC 20549

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 or 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934 FOR THE FISCAL YEAR ENDED DECEMBER 31, 2000

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934 FOR THE TRANSITION PERIOD FROM _____ to _____

Commission file number 0-23067

CONCORD COMMUNICATIONS, INC.
(Exact name of registrant as specified in its charter)

Massachusetts 04-2710876
(State of incorporation) (IRS Employer Identification Number)

600 Nickerson Road
Marlboro, Massachusetts 01752
(508) 460-4646
(Address and telephone number of principal executive offices)
Securities registered pursuant to Section 12(b) of the Act: None

Securities registered pursuant to Section 12(g) of the Act:
Common Stock, par value \$0.01 per share
(Title of class)

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 X NO

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

The aggregate market value of the voting stock held by non-affiliates of the Registrant, based on the closing sale price of the Company's common stock on March 1, 2001, as reported on the Nasdaq National Market was approximately \$200,774,917.

The number of shares outstanding of Common Stock as of March 1, 2001 was 16,558,756.

DOCUMENTS INCORPORATED BY REFERENCE

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Document	Form 10-K Reference
Portions of the Registrant's Proxy Statement for its Annual Meeting of Stockholders to be held on April 25, 2001.	Part III, Items 10, 11 and 12

THIS DOCUMENT CONTAINS 91 PAGES.
THE EXHIBIT INDEX IS ON PAGE 49.

2

PART I

This document contains forward-looking statements. Any statements contained herein that do not describe historical facts are forward-looking statements. Concord makes such forward-looking statements under the provisions of the "safe harbor" section of the Private Securities Litigation Reform Act of 1995. The forward-looking statements contained herein are based on current expectations, but are subject to a number of risks and uncertainties. Concord's actual future results may differ significantly from those stated in any forward-looking statements. Factors that may cause such differences include, but are not limited to, the factors discussed elsewhere in this Form 10-K under the heading "Risk Factors".

ITEM 1. BUSINESS

INTRODUCTION

Concord develops, markets and supports a suite of highly scalable software solutions, our eHealth Suite(TM) family of products, which maximizes the availability and performance of networks, systems, and applications that form the critical underlying internet infrastructure on which businesses depend for their operations.

Concord's software solutions

- Monitor to detect fault conditions throughout the infrastructure in real time,
- Test availability and responsiveness of critical services,
- Collect, consolidate, normalize and analyze high volumes of data from the internet infrastructure,
- Alert IT personnel to faults and potential outages,
- Automatically execute corrective action to restore availability and maximize uptime of the internet infrastructure, if desired.

Concord's unique solution combines real time information about the complete end-to-end infrastructure, with comprehensive historical data, to provide IT operations personnel with the complete picture needed to manage their internet infrastructure. Real-time with historical context enables our eHealth(TM) software to not only detect faults, but also to proactively identify subtle variations in performance that may signify potential outages before a problem occurs. Our eHealth software's easy-to-use, flexible graphical user interface enables network devices, client and server systems, applications, and specific information about those components to be associated with the business services they impact. Using the customizable MyHealth(TM) Web-based interface, IT operators can tailor their own view of business services, selecting a particular component such as the network from reports, or combining reports across the network, systems, and application components of the internet infrastructure for a complete end-to-end view of the business service. Our eHealth software detects faults and performance degradations, notifies IT operations staff, isolates the sources of delay, and enables the automation of corrective action to resolve problems.

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

By providing a global view across applications, systems, and networks comprising the internet infrastructure, Concord's products enable corporate enterprise customers to ensure the availability and performance of the services they are required to supply to their community of users, including internal end users and external customers and suppliers. In addition, service providers engaged in providing network and bandwidth services (carriers), Web hosting, datacenter/co-location services, internet service providers (ISPs), application services (ASPs), managed services (MSPs) and outsourcing services use Concord's products to manage the provision of those services to their end user customers. Concord's eHealth Suite(TM) consists of a set of solutions that identify response time and availability problems and provide information about the underlying causes of those problems within particular applications, clients, servers, networks or services being provided by a corporate enterprise, a carrier, an ISP, an ASP or a MSP. Concord's software-only solutions also provide instrumentation to gather critical application and system information and retrieve vital network statistics from a wide range of network devices and operating systems. Extensive analysis is performed on the data and results are outputted in the form of intuitive, informative, user-friendly graphical reports that can be viewed on a historical basis or in real-time. This information is critically important to IT and service provider executives, managers and technicians who, in turn, use it to proactively affect the availability, response time, performance and capacity of the services they are required to provide.

1

3

Concord's target markets include both business enterprises and service providers, including Web hosting providers, datacenter/co-location service providers, ISPs, ASPs, and MSPs. Concord markets to these potential customers through our own sales force, sales agents, value-added resellers, distributors, network service providers, telecommunication carriers, and OEMs. As of December 31, 2000, Concord had more than 2,100 customers operating in and serving a variety of industries. Representative customers include Aetna, America Online, American Express, Ameritech, Amoco, AT&T Corporation, Bell Atlantic, Blue Cross/Blue Shield, British Telecommunications plc, Cable & Wireless, Delta Air Lines, Deutsche Telekom, EarthLink, excite@home, Fleet Financial, Frontier Communications, Fuji Film, Global One, Goodyear, GTE, Harvard Business School, Lloyds of London, Maxnet, McDonald's, MCI Worldcom, Mercedes-Benz, NATO, The New York Times, Pacific Bell, Pepsi, Qwest, Siemens, Siris, Sprint, Telecom Italia, Toys 'R' Us, Tufts, UUNET, US West, U.S. Customs, US Internetworking, Verso, Visa International, Wang Global and Wiltel. No individual customer accounted for more than 10% of revenue or accounts receivable in 2000, 1999 or 1998.

INDUSTRY BACKGROUND

The rapid emergence of business applications that are based on a complete reliance on the internet infrastructure has significantly increased the amount of business transaction data flowing across corporate and service provider networks and the Internet. As these applications have become integral in transacting business between corporate enterprises and their customers, the requirement for fast response times, high performance, and application availability has become a critical business priority. In order to deliver the highest level of services required in this new environment, businesses continue to expand their internal information technology infrastructure, and in addition, contract with an increasing number of service provider companies supplying a host of different solutions and services ranging from bandwidth to outsourcing. These changes in the market have increased the complexity, difficulty and importance of fault, availability, and performance management of the services and the underlying applications and infrastructure required to deliver those services. Since customers have now moved their business critical operations and applications to the internet infrastructure, there is low tolerance for poor

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

service. Customers are demanding the rapid convergence of management solutions for the components of the internet infrastructure - networks, systems and applications - to enable them to reach their underlying goal: service management. Whether to internal or external audiences, technology providers are now tasked with guaranteeing service levels for availability and performance of critical business services while at the same time reducing costs and maximizing return on investment, leading them to require broad based management solutions, like Concord's eHealth Suite(TM) solution.

The technical complexity of providing for high levels of automation, aggregation, instrumentation and scalability over many critical applications and many thousands of clients, servers and network elements has made comprehensive fault, availability and performance management solutions difficult to develop and deliver. Any comprehensive solution must be able to provide an integrated management solution across a set of business processes as well as both off-the-shelf and customized applications across all major computer and operating systems such as UNIX, Windows NT and Linux, and across all major networking technologies and devices from vendors that include Cisco, Lucent and Nortel. To be truly comprehensive in this arena also requires solutions that provide real-time fault and availability management as well as ongoing performance management, utilizing analysis on historical information.

Other management solutions that are currently available are either point solutions that attempt to compete in a narrow and particular area as a "best of breed" solution, or platforms and frameworks that attempt to provide a comprehensive solution that must be developed in a custom manner. While the point solutions may be reasonably priced and provide adequate functionality in one particular area, they fail to provide the comprehensive solution required for the management of the complete internet infrastructure. Platform and framework solutions can be expensive and time consuming to implement and very difficult to support given the extent to which they must be customized for each different environment.

Although tools that are considered point solutions may enhance the technical management of a discreet area like a network, a set of computers, or a particular application, and while they may be useful in isolating and correcting problems after such problems have been identified, these solutions are not able to

2

4

determine the effect problems have on real users and assess which component of the overall infrastructure - the application, the systems, or the network - is contributing to the problem. Customized solutions that are developed on top of a framework or platform are expensive and time consuming to develop and by their proprietary nature are inflexible and must be implemented in total.

THE CONCORD SOLUTION

Concord is the only companies that provides a single-vendor solution to manage the entire internet infrastructure end-to-end - applications, systems, and networks - in real-time with historical context. Concord's set of solutions, eHealth Suite(TM), is a family of turnkey, automated, scalable, Web-based management solutions for critical applications, systems, and networks that detects faults and potential outages, notifies IT operations staff of problems, isolates sources of delay, enables the automation of corrective action, and provides comprehensive data analysis and reports of both real-time status and historical reports that track constantly changing conditions over time. Our solution is capable of data collection, consolidation, analysis and reporting for up to 80,000 elements by a single console. Further, our distributed

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

architecture allows configurations, viewable from a single console, which supports collection and reporting of up to 1 million data elements. In addition, our self-managing distributed systems and application management agents can work autonomously on any number of systems.

Concord's eHealth(TM) product family provides organizations with the following benefits:

- (i) MAXIMIZE AVAILABILITY WHILE REDUCING COSTS - enables IT operators to do more with less, and faster than ever before, using our eHealth Suite to detect faults and potential outages throughout the infrastructure, test and monitor availability, and even automate corrective action to reduce downtime;
- (ii) IMMEDIATE RETURN ON INVESTMENT - provides immediate value out-of-the-box with embedded intelligence, detailed knowledge, and automated analysis for over 450 different types of networked devices enabling solutions to be up and running within hours or days rather than weeks, months, or even years;
- (iii) DETECTION OF FAULTS BEFORE THEY OCCUR - combines real-time management with historical context to detect developing problem conditions that have been pervasive, or that differ from normal behavior, in order to alert IT operators to problems before services are negatively impacted;
- (iv) BUSINESS VIEW OF SERVICE MANAGEMENT - enables association of organizations and business processes with the underlying infrastructure components - networks, systems, and applications - on which they depend;
- (v) PREDICTIVE AND REAL-TIME PROBLEM SOLVING - provides actionable information about the availability and response time of critical applications and services so that IT management can adjust capacities in a proactive manner to meet the contracted service level agreements; and
- (vi) ALIGNMENT OF MANAGEMENT OPERATIONS WITH CUSTOMER BUSINESS GOALS - provides a total view into the end-to-end performance and availability of the end-user customer environment so that enterprise or service provider operations can deliver services based on the business needs of that customer.

In providing these benefits, Concord's eHealth product family incorporates the following features:

FULLY AUTOMATED, TURNKEY IMPLEMENTATION. Concord's products provide turnkey solutions for fully automated fault, availability, and performance management. Installation can be accomplished in a few hours for most products, and for certain products, installation can actually occur remotely, over the Web. Once installed, our products provide real-time information and also historical reports on critical areas such as (i) important trends and changes for application response times, system and network availability and

capacity; (ii) situations to watch for potential delays or failures in important services and processes; and (iii) exceptions analysis for identifying deviations from specified performance and service levels.

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

SCALEABLE, SOFTWARE-ONLY SOLUTION. The eHealth product family is designed to simplify management of the heterogeneous mix of network devices, client and server operating systems, hardware platforms, technologies, and applications that typically comprise today's internet infrastructures. Our products are easily scaleable to meet the demands for management as an organization's e-business infrastructure expands. Our eHealth solution provides managers with the ability to purchase add-on software licenses or additional agent software as needed.

MULTI-LEVEL REPORTING. Concord's eHealth product family generates a comprehensive package of graphical reports that provide information and analyses on a wide variety of pre-configured parameters. Information is provided for use at multiple levels of management, from a general overview of capacity, availability and response time for chief information officers -- to a detailed analysis of specific transactions, client and server components, network equipment components, network bandwidth components and network services.

BROAD TECHNOLOGY COVERAGE. Our eHealth product family provides management across a broad spectrum of industry standard applications like Microsoft Exchange and Information Internet Server; open source Apache; Lotus Notes; ERP systems from SAP, Baan and Peoplesoft; industry standard operating systems like UNIX, Microsoft Windows NT and Windows 2000, and Linux; and industry standard networking technologies like ATM, Frame Relay and IP.

PRODUCTS AND TECHNOLOGY

The eHealth Suite of products is comprised of the eHealth console - a centralized console and repository where information gathered from throughout the infrastructure is consolidated and analyzed, technology-area solution sets that contain products pertaining to network, systems, and application management respectively, and a number of cross-technology, suite-wide products that operate across all technology areas.

eHEALTH(TM) CONSOLE - providing a centralized view of faults, availability and performance across all the components of the internet infrastructure, the eHealth console combines an extremely efficient polling engine, an industry standard relational database, powerful data analysis algorithms, and flexible reporting capabilities, with an intuitive, easy-to-use customizable graphical user interface that enables eHealth console to collect and analyze data and provide on-demand or scheduled reporting which can be viewed on the console, or accessed via standard Web-based browsers. The eHealth console also provides the interface for administration and configuration tasks such as associating business organizations or processes with underlying resources and scheduling reports. Different technology license keys enable the eHealth console to collect, analyze and report on information from different technology areas including networks, systems, applications, and application service response. Providing out-of-the-box value, eHealth is embedded with the knowledge to discover and report on more than 450 different types of network devices and information; new types of devices can be easily added. Its powerful historical reports include Top-N-Reporting to quickly zero in on trouble spots, At-A-Glance Reporting, which enables users to drill down to examine critical resources, and Trend Reporting for building custom reports. The flexible, customizable MyHealth(TM) interface allows users to tailor their own views of business services, selecting from reports on a particular component such as the network, or combining reports across the network, systems, and application components for a complete end-to-end view of a business service.

NETWORK HEALTH(R) - The Network Health(R) solution set contains products for managing performance and optimizing availability of key network resources including LANs, WANs, Frame Relay, ATM and Remote Access Equipment, in addition to integration with technologies and operational support systems (OSS) from Lucent, Newbridge and Cisco's VPN Solutions Center and NetFlow products. The

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Network Health technology license key enables the eHealth console to automatically discover, collect information from, analyze, and report on LAN/WAN, router/switch, Frame Relay, ATM, and Remote Access technologies enabling network managers to track performance, plan capacity, and detect sources of service

4

6

delay across their networks. Another product in this category, Traffic Accountant(TM) , works with RMON2 probes and Cisco NetFlow routers to track network traffic and report resource consumption by users, business units, regions, or applications, thus enabling network managers to allocate network usage costs back to individual departments or users. Reports from the Network Health solution set make it possible for network managers to understand service levels, proactively address potential network failures, manage bandwidth and capacity, watch for security violations, and understand the usage patterns of the network and the network's various elements.

SYSTEM HEALTH(TM) - Products in Concord's System Health(TM) solution set provide real-time distributed autonomous management of client and server systems, on-demand snap-shot status views and configuration across groups of systems, and comprehensive reporting that tracks system performance over time. Concord's SystemEDGE(TM) agents, distributed on client and server systems throughout the infrastructure, work autonomously to monitor system resources, applications, and log files, detect faults and send notifications, and, if specified, automatically execute user-defined corrective actions such as re-starting failed application processes or services. AdvantEDGE View provides a Web-based graphical user interface for viewing events, real-time status snap-shot views, software and hardware asset reports, and configuring self-management features across groups of SystemEDGE agents. The eHealth - server technology license key enables the eHealth console to collect, consolidate, analyze, and report on the performance of a large number of heterogeneous client and server systems as it changes over time thus enabling systems administrators to track performance and plan capacity across their systems.

APPLICATION HEALTH(TM) - There are two main components of application management: the first is managing the operation of the application running on a host system, the other is tracking the responsiveness and availability experienced in USING the application. Concord's Application Health(TM) solution set provides products for managing application operation, and also products for tracking application availability, usage, and service response time. Concord's Application Response(TM) tracks the application usage and response times experienced by ACTUAL users as they perform application transactions from their desktop clients. With support for important business applications like Oracle, SAP, Peoplesoft and Baan, Application Response enables IT managers to identify which applications are slowest, which business users are most impacted, and whether the source of delay lies within the client, the network, or the server. Concord's Transaction Response(TM) takes it one level deeper to identify exactly which transactions within the application are the most frequently used or suffer the slowest response. Concord's Service Response(TM) product enables the automation of active tests to test availability and service response time for critical internet services such as accessing a Web site, transferring a file, or sending E-mail, and can also support custom, user-specified application tests. IT managers can use Service Response to continuously test critical services and automatically notify the operations center if availability or responsiveness drops below acceptable parameters. For managing the operation of applications on the system, Concord provides plug-in modules for real-time fault, availability and performance management with the ability to track performance, show configuration settings, monitor thresholds and application events, and, if

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

specified, perform automated corrective action such as re-starting failed application processes and services. Plug-in modules are currently available for Microsoft Exchange and Information Internet Server, and open source Apache web servers, with support for additional applications to follow.

LIVE HEALTH(TM) - Concord's Live Health(TM) software is a suite-wide product that combines real-time data with historical context to identify faults, potential outages, and delays BEFORE business services are impacted. Using powerful delay-detection algorithms, Live Health software leverages our strength in historical data collection to offer a precise assessment while automatically eliminating redundant fault noise. Our Live Health product provides out-of-the-box exception profiles that detect performance degradations and subtle "brown-out" conditions, eliminating the need to configure complicated rules. It leverages the data collected by Concord's eHealth solutions to provide real-time management and historical analysis with no additional network traffic or overhead. Applying historical context, our Live Health software identifies pervasive conditions that have been "too wrong for too long" and performance that deviates from normal behavior and alerts the operations center. IT managers can view events in the Live Exceptions browser and instantly drill-down to powerful historical reports to diagnose the problem. Live Health alerts can also be forwarded to other third-party fault management applications. Easy to deploy and

5

7

install, our Live Health software provides unmatched end-to-end visibility of the entire internet infrastructure with an assessment of what's likely to fail and why.

CUSTOMER SERVICE

Concord's post-sales support organization is responsible for providing ongoing technical support and training for our customers. For an annual fee, a customer receives telephone and email support, as well as updated product releases. We offer 24x7 support coverage to customers for an additional fee. We provide a toll-free customer support line to all customers. Support personnel are on call to answer the technical support calls and generally provide same-day responses to questions that cannot be resolved during the initial call. All calls are logged, opened, tracked, and closed with regular updates to the customer, our sales teams and our executive management team. As of December 31, 2000, we employed 40 technical post-sales support personnel, 5 inside sales representatives and one administrative person. In addition, we also had 42 professional service and training personnel who provide services to our customers on a fee-for-service basis.

SALES AND MARKETING

Concord markets our products in the United States to large and medium-sized organizations, as well as service providers, including telecommunications carriers, ISPs, ASPs, MSPs, systems integrators and outsourcers primarily through a direct sales force, sales agents and through value added resellers (VARs). Internationally, Concord markets primarily through distributors. Additionally, we have entered into joint marketing and joint development arrangements with a number of companies.

As of December 31, 2000, Concord had 24 North America sales teams, each comprised of one direct sales person and one or two technical support people targeting the following four regions: East, Central, West and Federal. We had 8 international sales teams, also comprised of one direct sales person and one or two technical support people, targeting the following three geographic regions:

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Europe, Middle East and Africa (EMEA); Asia/Pacific; and Latin America. In addition, we employed 42 inside sales and technical management individuals who support both the North America and International Sales teams.

As of December 31, 2000, we had relationships with 43 North American VARs and 56 international distributors. It is the responsibility of each sales team to manage all sales within its geographic territory by signing up, training, and managing a small number of sales agents, VARs, distributors, network service providers and outsourcers, as well as selling directly to customers. Concord generates sales leads through seminars, trade shows, Internet postings, press articles, referrals, mass mailings and cold calling as well as through relationships with sales agents, distributors, VARs, network service providers and outsourcers.

As of December 31, 2000, Concord had relationships with over 100 service providers. These service providers offer our products as part of their service offerings. On December 31, 2000, we also had joint marketing and development partners that work with our direct sales force, including ADC Telecommunications, Alcatel, Ascend Communications, Inc., Cabletron Systems, Inc., Cisco Systems, Inc., Fore Systems, Inc., Ganymede, Lucent Technologies, Inc., Micromuse, NetScout Systems, Inc., Nortel Networks, Paradyne, Response Networks, Shomiti and Visual Networks, Inc. We also have a professional services referral program aimed at our key network-consulting partners. Under this program, Concord will provide professional services through these partners directly to our customers.

As of December 31, 2000, Concord employed 34 marketing personnel who position, promote and market our products. These individuals are engaged in a variety of activities, including direct marketing, public relations, tradeshow, advertising, Internet postings, and seminars. As of December 31, 2000, we employed 129 sales personnel.

PRODUCT DEVELOPMENT

We believe that our future success depends in large part on our success in enhancing existing products and developing new products that maintain technological competitiveness and deliver value to existing and

6

8

new customers. We have made and intend to continue to make substantial investments in product development. Extensive product development input is obtained through customers and our monitoring of end user needs and changes in the marketplace.

Concord introduced the initial version of our Network Health product focused at the LAN and WAN environments in the first quarter of 1995. During 1996, we introduced three additional versions of our Network Health software -- Frame Relay, Router/Switch and Traffic Accountant. During 1997, we introduced two additional versions of Network Health software -- Server and Service Level Reporting. During 1998, we introduced two additional versions of our Network Health product -- ATM and Remote Access. During 1999, we introduced one additional version of our Network Health product -- Response, which is now incorporated into our Application Health product. During 2000, we introduced our eHealth Suite(TM) which offers end-to-end performance, capacity and availability management across applications, systems, and networks. The introduction of the eHealth Suite is the direct result of the integration of the products of Empire Technologies, Inc. and FirstSense Software, Inc. which we acquired in 1999 and 2000, respectively, into our Network Health product: Systems Management from Empire and Application Management, from FirstSense. We also introduced our first

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Fault Management application, Live Health, which detects and reports performance and availability faults in real time. The eHealth historical database provides the Live Health application the historical context to reduce fault notifications and to detect performance brownouts as well as hard faults. We are now developing a new distributed infrastructure with a focus on large-scale installations and ease of administration. The introduction of new technologies like DSL, VoIP, VPN, SAN, Wireless, and others continually round out the end-to-end solution set. A new Live Health summary display for Network Operation Center (NOC) environments will provide a high level view of overall business health and provide the pivotal point for end-to-end service management. Additionally, a special solution set of products and professional services targeting the service provider market was rolled out in early 2001.

Concord's total expenses for research and development were \$21.1 million, \$14.4 million and \$9.9 million in 2000, 1999 and 1998, respectively. We anticipate that we will continue to commit substantial resources to research and development in the future and that product development expenses may increase in absolute dollars in future periods. To date, our development efforts have not resulted in any capitalized software development costs. As of December 31, 2000, our product development organization consisted of 128 people.

COMPETITION

The market for Concord's products is highly competitive and subject to rapid technological change. Although we have experienced limited competition to date from products with comparable capabilities, we expect competition to increase in the future. We currently compete principally on the basis of: (i) the breadth of our products' features; (ii) the automated, scaleable, and cost effective nature of our products; and (iii) our knowledge, expertise and service abilities gained from years of close interaction with customers. While we believe that we currently compete favorably overall with respect to these factors, there can be no assurance that we will be able to continue to do so.

We compete or may compete directly or indirectly with the following categories of companies:

- (i) report toolset vendors, such as Desktalk Systems, Inc. and InfoVista;
- (ii) large, well established networking OEMs such as International Business Machines Corporation, Lucent Technologies Inc., Hewlett-Packard Company, and Cabletron Systems, Inc. that have developed network management platforms;
- (iii) developers of network element management solutions such as Cisco Systems, Inc., 3Com Corporation and Nortel Networks, Inc.;
- (iv) to a lesser degree, probe vendors such as NetScout Systems, Inc. and Visual Networks, Inc; and

7

9

- (v) enterprise management software, framework and platform providers such as BMC Software, Inc. and Computer Associates, Inc.

Additional competitors, including large networking or telecommunications equipment manufacturers, telecommunications service providers, and computer hardware and software companies, may enter this market, thereby further intensifying competition. Additionally, there can be no assurance that one or more of our customers may not attempt to develop competing products internally

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

or that one or more of the companies we have developed relationships with, such as the network management platform developers and probe vendors, will not try to develop one or more products that compete more directly with our products.

Many of our current and prospective competitors have significantly greater financial, sales and marketing, technical and other resources than Concord. As a result, these competitors may be able to devote greater resources to the development, promotion, sale and support of their products than Concord. Moreover, these companies may introduce additional products that are competitive with or better than Concord's products or may enter into strategic relationships to offer better products than those currently offered. There can be no assurance that our products would effectively compete with such new products.

To remain competitive, we must continue to invest in research and development, sales and marketing, and customer service and support. In addition, as we enter new markets and utilize different distribution channels, the technical requirements and levels and bases of competition may be different than those experienced in our current market. There can be no assurance that we will be able to successfully compete against either current or potential competitors in the future.

PROPRIETARY RIGHTS

Concord relies on a combination of patent, copyright, trademark and trade secret laws, non-disclosure agreements and other contractual provisions to establish, maintain and protect our proprietary rights in our products. We have nine issued U.S. patents, five pending U.S. patent applications and various foreign counterparts. There can be no assurance that patents that have been or may be issued will not be challenged, invalidated or circumvented, or any rights thereunder will provide protection of Concord's intellectual property rights. Certain technologies used in our products are licensed from third parties, including the database technology employed in our Network Health product family. Such third-party licenses are generally non-exclusive, royalty-based licenses. With respect to the database technology, we are obligated to make minimum fixed price payments to the extent that the royalty under such license does not exceed a certain minimum threshold. The termination of any such licenses, or the failure of the third-party licensors to adequately maintain or update their products, could result in delay in our ability to ship certain of our products while we seek to implement technology offered by alternative sources, and any required replacement licenses could prove costly. While it may be necessary or desirable in the future to obtain other licenses relating to one or more of our products or relating to current or future technologies, there can be no assurance that we will be able to do so on commercially reasonable terms or at all.

REVENUE BY GEOGRAPHIC REGION

The following table presents Concord's revenue by major geographic regions:

	Year ended December 31,		
	2000	1999	1998
	-----	-----	-----
United States.....	\$ 62,015	\$ 54,924	\$ 34,469
Europe.....	17,290	9,084	5,582
Rest of the World...	12,179	4,812	1,918
	-----	-----	-----
Total.....	\$ 91,484	\$ 68,820	\$ 41,969
	=====	=====	=====

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

No one country, except the United States, accounts for greater than 10% of total revenues.

EMPLOYEES

As of December 31, 2000, we had a total of 454 employees, all but 37 of whom were based in the United States. Of the total, 128 were in research and development, 89 were in customer service, 129 were in sales, 34 were in marketing, 33 were in operations and information technology and 41 were in finance, human resources and administration. Our future performance depends in significant part upon the continued service of our key engineering, technical support and sales personnel. Competition for such personnel is intense and there can be no assurance that we will be successful in attracting or retaining such personnel in the future. None of our employees are represented by a labor union or are subject to a collective bargaining agreement. We have not experienced any work stoppages and consider our relations with our employees to be good.

8

10

RISK FACTORS

References in these risk factors to "we," "our" and "us" refer to Concord Communications, Inc., a Massachusetts corporation. Any investment in our common stock involves a high degree of risk. If any of the following risks actually occur, our business, results of operations and financial condition would likely suffer.

The information we provide or statements made by our employees may contain forward looking statements. This document contains forward looking statements. Any statements contained in this document that do not describe historical facts are forward looking statements. We make such forward looking statements under the provisions of the "safe harbor" section of the Private Securities Litigation Reform Act of 1995. The forward looking statements contained in this document are based on current expectations, but are subject to a number of risks and uncertainties. In particular, statements contained in Management's Discussion and Analysis of Financial Condition and Results of Operations, which are not historical facts (including, but not limited to, statements concerning: the plans and objectives of management; increases in sales and marketing, research and development, customer support and service, and general and administrative expenses; expectations regarding increased competition and Concord's ability to compete successfully; sustenance of revenue growth; the size, scope and description of Concord's target customer market; future product development, including but not limited to anticipated expense levels to fund product development, acquisitions and the integration of acquired companies; and our expected liquidity and capital resources) constitute forward looking statements. Our actual future results and actions may differ significantly from those stated in any forward looking statements. Factors that may cause such differences include, but are not limited to, the factors discussed below.

OUR FUTURE OPERATING RESULTS ARE UNCERTAIN.

We changed our focus to network management software in 1991 and commercially introduced our first Network Health(R) product in 1995. We acquired Empire Technologies in October 1999 and FirstSense Software in February 2000, bringing us into the broader performance, availability and fault management market. Accordingly, we have a relatively limited operating history in this broader market upon which you can evaluate our business and prospects. We incurred significant net losses in each of the five fiscal years prior to earning a small profit in 1997, and remaining profitable in 1998, 1999 and 2000.

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

As of December 31, 2000, we had accumulated net losses of \$23.5 million. Our limited operating history makes the prediction of future results of operations difficult or impossible. Our prospects must be considered in light of the risks, costs and difficulties frequently encountered by emerging companies, particularly companies in the competitive software industry.

WE CANNOT ASSURE THAT OUR REVENUES WILL GROW OR THAT WE WILL REMAIN PROFITABLE.

Although we have achieved recent revenue growth and profitability for the fiscal years ended 2000, 1999, and 1998, we cannot assure that we can generate substantial additional revenue growth on a quarterly or annual basis, or that we can sustain any revenue growth that we achieve. In addition, we have increased, and plan to increase further, our operating expenses in order to:

- fund higher levels of research and development;
- increase our sales and marketing efforts;
- develop new distribution channels;
- broaden our customer support capabilities; and
- expand our administrative resources in anticipation of future growth.

To the extent that increases in our expenses precede or are not followed by increased revenue, our profitability will suffer. Our revenue must grow substantially in order for us to remain profitable on a quarterly or annual basis. In addition, in view of recent revenue growth, the rapidly evolving nature of our business and markets, our recent acquisitions and our limited operating history in our current market, we believe that one should not rely on period-to-period comparisons of our financial results as an indication of

9

11

our future performance. In light of our strong performance in 1998, we used all of our remaining unrestricted tax net operating loss and credit carryforwards in 1998. Accordingly, we recorded a tax provision of \$532,600 during 1998, \$5.6 million during 1999 and \$447,000 for 2000. The continuing restrictions on our future use of our net operating loss carryforwards will severely limit the benefit, if any, we will attribute to this asset.

OUR QUARTERLY OPERATING RESULTS MAY FLUCTUATE.

We are likely to experience significant fluctuations in our quarterly operating results caused by many factors, including, but not limited to:

- changes in the demand for our products by customers or groups of customers;
- the timing, composition and size of orders from our customers, including the tendency for significant bookings to occur in the last month of each fiscal quarter;
- our success in integrating products from acquisitions to our current product line;
- our customers' spending patterns and budgetary resources for performance management software solutions;
- the success of our new customer generation activities;
- introductions or enhancements of products, or delays in the introductions

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

- or enhancements of products, by us or our competitors;
- changes in our pricing policies or those of our competitors;
- changes in the distribution channels through which products are sold;
- our success in anticipating and effectively adapting to developing markets and rapidly changing technologies;
- changes in networking or communications technologies;
- our success in attracting, retaining and motivating qualified personnel;
- changes in the mix of products sold by us and our competitors;
- the publication of opinions about us and our products, or our competitors and their products, by industry analysts or others; and
- changes in general economic conditions.

Unlike other software companies with a longer history of operations, we do not derive a significant portion of our revenues from maintenance contracts, and therefore we do not have a significant ongoing revenue stream that may mitigate quarterly fluctuations in operating results. Furthermore, we are trying to expand our channels of distribution. Increases in our revenues will depend on our successful implementation of our distribution strategy. Due to the buying patterns of certain of our customers and also to our own sales incentive programs focused on annual sales goals, revenues in our fourth quarter could be higher than revenues in our first quarter of the following year. There also may be other factors, such as seasonality and the timing of receipt and delivery of orders within a fiscal quarter, that significantly affect our quarterly results, which are difficult to predict given our limited operating history.

Our quarterly sales and operating results depend generally on:

- the volume and timing of orders within the quarter;
- the tendency of sales to occur late in fiscal quarters; and
- our fulfillment of orders received within the quarter.

In addition, our expense levels are based in part on our expectations of future orders and sales, which are extremely difficult to predict. A substantial portion of our operating expenses are related to personnel, facilities and sales and marketing programs. Accordingly, we may not be able to adjust our fixed expenses

10

12

quickly enough to address any significant shortfall in demand for our products in relation to our expectations.

Due to all of the foregoing factors, we believe that our quarterly operating results are likely to vary significantly in the future. Therefore, in some future quarter our results of operations may fall below the expectations of securities analysts and investors. In such event, the trading price of our common stock would likely suffer.

THE MARKET FOR PERFORMANCE MANAGEMENT SOFTWARE IS EMERGING.

The market for our products is in an early stage of development. Although

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

the rapid expansion and increasing complexity of computer networks, systems and applications in recent years has increased the demand for performance management software products, the awareness of and the need for such products is a recent development. Because the market for these products is only beginning to develop, it is difficult to assess:

- the size of this market;
- the appropriate features and prices for products to address this market;
- the optimal distribution strategy; and
- the competitive environment that will develop.

The development of this market and our growth will depend significantly upon the willingness of telecommunications carriers, ISPs, systems integrators and outsourcers to integrate performance management software into their product and service offerings. The market for performance management software may not grow or we may fail to assess properly and address the needs of this market.

OUR SUCCESS IS DEPENDENT UPON SALES TO TELECOMMUNICATIONS CARRIERS.

We derive and likely will continue to derive a significant portion of our revenues from the sales of our products to telecommunications carriers. The domestic telecommunications market has suffered from a turbulent economy during 2000 and Concord has been negatively affected by the downturn in capital spending within this market. Our future performance depends upon telecommunications carriers' increased incorporation of our products and services as part of their package of product and service offerings to end users. Our products may fail to perform favorably in and become an accepted component of the telecommunications carriers' product and service offerings. The volume of sales of our products and services to telecommunications carriers may increase slower than we expect or may decrease.

MARKET ACCEPTANCE OF OUR eHEALTH(TM) PRODUCT FAMILY IS CRITICAL TO OUR SUCCESS.

We currently derive substantially all of our revenues from our eHealth(TM) product family, and we expect that revenues from these products will continue to account for substantially all of our revenues for the foreseeable future. Broad market acceptance of these products is critical to our future success. We cannot assure that market acceptance of our eHealth(TM) product will increase or even remain at current levels. Factors that may affect the market acceptance of our products include:

- the availability and price of competing products and technologies; and
- the success of our sales efforts and those of our marketing partners.

Moreover, if demand for performance management software products increases, we anticipate that our competitors will introduce additional competitive products and new competitors could enter our market and offer alternative products. Product introductions by our competitors may also reduce future market acceptance of our products.

OUR INDUSTRY IS SUBJECT TO RAPID TECHNOLOGICAL CHANGE. OUR SUCCESS DEPENDS UPON MAINTENANCE OF STANDARD PROTOCOLS.

The software industry is characterized by:

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

- rapid technological change;
- frequent introductions of new products;
- changes in customer demands; and
- evolving industry standards.

The introduction of products embodying new technologies and the emergence of new industry standards can render existing products obsolete and unmarketable. Our Network Health(R) products' analysis and reporting, as well as the quality of its reports, depends upon its utilization of the industry-standard Simple Network Management Protocol (SNMP) and the data resident in conventional Management Information Bases (MIBs). Any change in these industry standards, the development of vendor-specific proprietary MIB technology, or the emergence of new network technologies could affect the compatibility of our Network Health(R) products with these devices which, in turn, could affect its analysis and generation of comprehensive reports or the quality of the reports. Furthermore, although our products currently run on industry-standard UNIX operating systems and Windows NT, any significant change in industry-standard operating systems could affect the demand for, or the pricing of, our products.

WE MUST INTRODUCE PRODUCT ENHANCEMENTS AND NEW PRODUCTS ON A TIMELY BASIS.

Because of rapid technological change in the software industry and potential changes in the performance management software market and industry standards, the life cycle of versions of our eHealth(TM) products is difficult to estimate. We cannot assure that:

- we will successfully develop and market enhancements to our eHealth(TM) products or successfully develop new products that respond to technological changes, evolving industry standards or customer requirements;
- we will not experience difficulties that could delay or prevent the successful development, introduction and sale of such enhancements or new products; or
- that such enhancements or new products will adequately address the requirements of the marketplace and achieve any significant degree of market acceptance.

OUR ACQUISITIONS MAY NEGATIVELY IMPACT OUR RESULTS OF OPERATIONS.

In October 1999, we acquired Empire Technologies, Inc. Empire is a provider of solutions for proactive self-management of UNIX, Linux and Windows NT systems, as well as mission-critical applications. In February 2000, we acquired FirstSense Software, Inc. FirstSense is a provider of application response management solutions. Because these acquisitions have been recorded as "poolings-of-interests" for accounting and financial reporting purposes, we recorded the expenses of these acquisitions, which were substantial, in the period in which each acquisition occurred. The reporting of expenses of each acquisition as a current charge will have a significant adverse impact on our post-acquisition results of operations.

INTEGRATING OUR ACQUIRED PRODUCTS AND SERVICES MAY BE DIFFICULT.

The anticipated benefits of our acquisitions may not be achieved unless, among other things, our operations, products, services and personnel are successfully combined with those of our acquired companies in a timely and efficient manner. The diversion of our attention, and any difficulties encountered in our transition processes, could harm the combined enterprise. We

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

cannot assure that we will successfully integrate our acquired companies, because, among other things:

- the products and services offered by us and our acquired companies are highly complex and have been developed independently; and

12

14

- integration of our product lines with those of our acquired companies will require coordination of separate development and engineering teams from each company.

If the anticipated benefits of our acquisitions are not achieved or are not achieved in a timely fashion, then our acquisitions could harm our operating results for a significant period of time that cannot now be determined.

THE MARKET FOR OUR PRODUCTS IS INTENSELY COMPETITIVE.

The market for our products is new, intensely competitive, rapidly evolving and subject to technological change. Our current and future competitors include:

- remote monitoring (RMON) probe vendors;
- element management software vendors;
- systems management software vendors;
- other performance analysis and reporting vendors;
- companies offering network performance reporting services;
- large network management platform vendors which may bundle their products with other hardware and software in a manner that may discourage users from purchasing our products; and
- developers of network element management solutions.

We expect competition to persist, increase and intensify in the future with possible price competition developing in our markets. Many of our current and potential competitors have longer operating histories and significantly greater financial, technical and marketing resources and name recognition than us. We do not believe our market will support a large number of competitors and their products. In the past, a number of software markets have become dominated by one or a small number of suppliers, and a small number of suppliers or even a single supplier may dominate our market. If we do not provide products that achieve success in our market in the short term, we could suffer an insurmountable loss in market share and brand name acceptance. We cannot ensure that we will compete effectively with current and future competitors.

OUR FAILURE TO PROTECT OUR INTELLECTUAL PROPERTY RIGHTS MAY HARM OUR COMPETITIVE POSITION IN THE FAULT, AVAILABILITY AND PERFORMANCE MANAGEMENT SOFTWARE MARKET.

Our success depends significantly upon our proprietary technology. We rely on a combination of patent, copyright, trademark and trade secret laws, non-disclosure agreements and other contractual provisions to establish, maintain and protect our proprietary rights. These means afford only limited protection. We have nine issued U.S. patents, five pending U.S. patent applications, and various foreign counterparts. We cannot ensure that patents will issue from our pending applications or from any future applications or that, if issued, any claims allowed will be sufficiently broad to protect our technology. In addition, we cannot assure that any patents that have been or may

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

be issued will not be challenged, invalidated or circumvented, or that any rights granted thereunder would protect our proprietary rights. Failure of any patents to protect our technology may make it easier for our competitors to offer equivalent or superior technology. We have registered or applied for registration for certain trademarks, and will continue to evaluate the registration of additional trademarks as appropriate. Despite our efforts to protect our proprietary rights, unauthorized parties may attempt to copy aspects of our products or services or to obtain and use information that we regard as proprietary. Third parties may also independently develop similar technology without breach of our proprietary rights. In addition, the laws of some foreign countries do not protect proprietary rights to as great an extent as do the laws of the United States. In addition, many of our products are licensed under shrinkwrap license agreements that are not signed by licensees. The law governing the enforceability of shrinkwrap license agreement is not settled in most jurisdictions. There can be no guarantee that we would achieve success in enforcing one or more shrinkwrap license agreements if we sought to do so in a court of law.

13

15

WE LICENSE CERTAIN TECHNOLOGIES FROM THIRD PARTIES.

We license from third parties, generally on a non-exclusive basis, certain technologies used in our products. The termination of any such licenses, or the failure of the third-party licensors to maintain adequately or update their products, could result in delay in our shipment of certain of our products while we seek to implement technology offered by alternative sources, and any required replacement licenses could prove costly. While it may be necessary or desirable in the future to obtain other licenses relating to one or more of our products or relating to current or future technologies, we cannot assure that we will be successful in doing so on commercially reasonable terms or at all.

INTELLECTUAL PROPERTY INFRINGEMENT CLAIMS WOULD HARM OUR BUSINESS.

Although we do not believe that we are infringing the intellectual property rights of others, claims of infringement are becoming increasingly common as the software industry develops and legal protections, including patents, are applied to software products. Litigation may be necessary to protect our proprietary technology, and third parties may assert infringement claims against us with respect to their proprietary rights. Any claims or litigation can be time-consuming and expensive regardless of their merit. Infringement claims against us can cause product release delays, require us to redesign our products or require us to enter into royalty or license agreements, which agreements may not be available on terms acceptable to us or at all.

PRODUCT DEFECTS COULD RESULT IN LOSS OR DELAY IN MARKET ACCEPTANCE OF OUR PRODUCTS.

As a result of their complexity, software products may contain undetected errors or failures when first introduced or as new versions are released. We cannot assure that, despite testing by us and testing and use by current and potential customers, errors will not be found in new products for which we begin commercial shipments or, if discovered, that we will successfully correct such errors in a timely manner or at all. The occurrence of errors and failures in our products could result in loss of or delay in market acceptance of our products, and alleviating such errors and failures could require significant expenditure of capital and other resources by us.

WE MAY NOT HAVE SUFFICIENT PROTECTION AGAINST PRODUCT LIABILITY CLAIMS.

Since our products are used by our customers to predict future network,

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

system and application problems and avoid failures of the network to support critical business functions, design defects, software errors, misuse of our products, incorrect data from network elements or other potential problems within or out of our control that may arise from the use of our products could result in financial or other damages to our customers. We do not maintain product liability insurance. Although our license agreements with our customers typically contain provisions designed to limit our exposure to potential claims as well as any liabilities arising from such claims, such provisions may not effectively protect us against such claims and the liability and costs associated therewith. We provide warranties for our products for a period of time (currently three months) after purchase. Our license agreements generally do not permit product returns by the customer, and product returns for fiscal 2000, 1999 and 1998 represented less than 1.0% of total revenues during each of such periods. We cannot assure that product returns will not increase as a percentage of total revenues in future periods.

WE RELY ON STRATEGIC PARTNERS AND OTHER EVOLVING DISTRIBUTION CHANNELS.

Our distribution strategy is to develop multiple distribution channels, including sales through:

- strategic marketing partners, such as Cisco Systems;
- value added resellers, such as Empowered Networks;
- telecommunications carriers, such as MCI WorldCom;
- OEMs, such as Network Associates Inc.; and
- independent software vendors and international distributors.

14

16

We have developed a number of these relationships and intend to continue to develop new "channel partner" relationships. Our success will depend in large part on our development of these additional distribution relationships and on the performance and success of these third parties, particularly telecommunications carriers and other network service providers. We have recently established many of our channel partner relationships. Accordingly, we cannot predict the extent to which our channel partners will be successful in marketing our products. We generally expect that our agreements with our channel partners may be terminated by either party without cause. None of our channel partners are required to purchase minimum quantities of our products and none of these agreements contain exclusive distribution arrangements. We may:

- fail to attract important and effective channel partners;
- fail to penetrate the market segments of our channel partners; or
- lose any of our channel partners, as a result of competitive products offered by other companies, products developed internally by these channel partners or otherwise.

WE MAY FAIL TO MANAGE SUCCESSFULLY OUR GROWTH.

We have experienced significant growth in our sales and operations and in the complexity of our products and product distribution channels. We have increased and are continuing to increase the size of our sales force and coverage territories. Furthermore, we have established and are continuing to establish additional distribution channels through third party relationships. Our growth, coupled with the rapid evolution of our markets, has placed, and is

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

likely to continue to place, significant strains on our administrative, operational and financial resources and increase demands on our internal systems, procedures and controls.

OUR SUCCESS DEPENDS ON OUR RETENTION OF KEY PERSONNEL.

Our performance depends substantially on the performance of our key technical and senior management personnel, none of whom is bound by an employment agreement. We may lose the services of any of such persons. We do not maintain key person life insurance policies on any of our employees. Our success depends on our continuing ability to identify, hire, train, motivate and retain highly qualified management, technical, and sales and marketing personnel, including recently hired officers and other employees. We experience intense competition for such personnel. We cannot assure that we will successfully attract, assimilate or retain highly qualified technical, managerial or sales and marketing personnel in the future.

OUR FAILURE TO EXPAND INTO INTERNATIONAL MARKETS COULD HARM OUR BUSINESS.

We intend to continue to expand our operations outside of the United States and enter additional international markets, primarily through the establishment of additional reseller arrangements. We expect to commit additional time and development resources to customizing our products and services for selected international markets and to developing international sales and support channels. We cannot assure that such efforts will be successful.

We face certain difficulties and risks inherent in doing business internationally, including, but not limited to:

- costs of customizing products and services for international markets;
- dependence on independent resellers;
- multiple and conflicting regulations;
- exchange controls;
- longer payment cycles;
- unexpected changes in regulatory requirements;

15

17

- import and export restrictions and tariffs;
- difficulties in staffing and managing international operations;
- greater difficulty or delay in accounts receivable collection;
- potentially adverse tax consequences;
- the burden of complying with a variety of laws outside the United States;
- the impact of possible recessionary environments in economies outside the United States; and
- political and economic instability.

Our successful expansion into certain countries will require additional modification of our products, particularly national language support. Our current export sales are denominated in United States dollars and we currently

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

expect to largely continue this practice as we expand internationally. To the extent that international sales continue to be denominated in U.S. dollars, an increase in the value of the United States dollar relative to other currencies could make our products and services more expensive and, therefore, potentially less competitive in international markets. To the extent that future international sales are denominated in foreign currency, our operating results will be subject to risks associated with foreign currency fluctuation. We would consider entering into forward exchange contracts or otherwise engaging in hedging activities. To date, as all export sales are denominated in U.S. dollars, we have not entered into any such contracts or engaged in any such activities. As we increase our international sales, seasonal fluctuations resulting from lower sales that typically occur during the summer months in Europe and other parts of the world may affect our total revenues.

OUR COMMON STOCK PRICE COULD EXPERIENCE SIGNIFICANT VOLATILITY.

We completed an initial public offering of our common stock during October 1997. The market price of our common stock may be highly volatile and could be subject to wide fluctuations in response to:

- variations in results of operations;
- announcements of technological innovations or new products by us or our competitors;
- changes in financial estimates by securities analysts; or
- other events or factors.

In addition, the financial markets have experienced significant price and volume fluctuations that have particularly affected the market prices of equity securities of many high technology companies and that often have been unrelated to the operating performance of such companies or have resulted from the failure of the operating results of such companies to meet market expectations in a particular quarter. Broad market fluctuations or any failure of our operating results in a particular quarter to meet market expectations may adversely affect the market price of our common stock. In the past, following periods of volatility in the market price of a company's securities, securities class action litigation has often been instituted against such a company. Such litigation could result in substantial costs and a diversion of our attention and resources.

WE MAY NEED FUTURE CAPITAL FUNDING.

We plan to continue to expend substantial funds on the continued development, sales and marketing of the eHealth(TM) product family. We cannot assure that our existing capital resources, the proceeds from our initial public offering during October 1997 and any funds that may be generated from future operations together will be sufficient to finance our future operations or that other sources of funding will be available on terms acceptable to us, if at all. In addition, future sales of substantial amounts of our securities in the public market could adversely affect prevailing market prices and could impair our future ability to raise capital through the sale of our securities.

ITEM 2. PROPERTIES

Concord's corporate office and principal facilities are located in Marlboro, Massachusetts. In March 2000 we signed a 7 year operating lease for our principal operating facilities. Aggregate rental payments under the lease

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

will be \$17.4 million. This facility accommodates finance, administration and operations, research and development, customer support and marketing. We also lease, on a short-term basis, sales office space in Atlanta, GA, Tustin, CA, Dallas, TX, Stafford, TX, Plymouth, MI, Barrington, IL, Eden Prairie, MN, Seattle, WA, Vienna, VA, Point Pleasant, NJ, Boca Raton, FL, London, England, Munich, Germany, Paris, France, the Netherlands, Australia and Singapore.

ITEM 3. LEGAL PROCEEDINGS

Concord is not a party to any litigation that we believe could have a material adverse effect on our business, results of operations and financial condition.

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

No matters were submitted to a vote of security holders during the fourth quarter of the fiscal year ended December 31, 2000.

PART II

ITEM 5. MARKET FOR THE REGISTRANT'S COMMON STOCK AND RELATED STOCKHOLDER MATTERS

PRICE RANGE OF COMMON STOCK

Concord effected its initial public offering on October 24, 1997 at a price of \$14.00 per share. Since that date, Concord's Common Stock has traded on the Nasdaq National Market under the symbol CCRD. The following table sets forth, for the period indicated, the high and low sales prices for the Common Stock, all as reported by the Nasdaq National Market.

PERIOD	High -----	Low -----
Fiscal 1998:		
First Quarter.....	\$ 30.38	\$ 14.81
Second Quarter.....	29.38	21.25
Third Quarter.....	46.25	24.38
Fourth Quarter.....	57.38	28.13
Fiscal Year.....	\$ 57.38	\$ 14.81
Fiscal 1999:		
First Quarter.....	\$ 69.75	\$ 42.25
Second Quarter.....	58.50	29.63
Third Quarter.....	62.13	32.56
Fourth Quarter.....	65.38	37.38
Fiscal Year.....	\$ 69.75	\$ 29.63
Fiscal 2000:		
First Quarter.....	\$ 57.81	\$ 32.56
Second Quarter.....	42.00	20.25
Third Quarter.....	45.00	20.88
Fourth Quarter.....	26.50	6.25
Fiscal Year.....	\$ 57.81	\$ 6.25

As of March 1, 2001, Concord had approximately 7,707 holders of our common stock.

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

19

DIVIDEND POLICY

We currently anticipate that we will retain all future earnings for use in our business and we do not anticipate that it will pay any cash dividends in the foreseeable future. The payment of any future dividends will be at the discretion of our Board of Directors and will depend upon, among other things, future earnings, operations, capital requirements and the general financial condition of the Company, general business conditions and contractual restrictions on payment of dividends, if any.

USE OF PROCEEDS

On October 16, 1997, Concord commenced an initial public offering ("IPO") of 2,900,000 shares of common stock, par value \$.01 per share, pursuant to the Company's final prospectus dated October 15, 1997 (the "Prospectus"). The Prospectus was contained in the Company's Registration Statement on Form S-1, which was declared effective by the Securities and Exchange Commission (SEC File No. 333-33227) on October 15, 1997. Of the 2,900,000 shares of Common Stock registered, 2,300,000 shares were offered and sold by the Company and 600,000 shares were offered and sold by certain stockholders of the Company. As part of the IPO, the Company granted the several underwriters an overallotment option to purchase up to an additional 435,000 shares of Common Stock (the "Underwriters' Option"). The IPO closed on October 21, 1997 upon the sale of 2,900,000 shares of Common Stock to the underwriters. The managing underwriters for the IPO were Nationsbanc Montgomery Securities Inc., BancAmerica Roberston Stephens and Wessels, Arnold and Henderson, L.L.C. (the "Representatives"). On October 24, 1997, the Representatives, on behalf of the several underwriters, exercised the Underwriters' Option, purchasing 435,000 additional shares of Common Stock from the Company. The aggregate offering price of the IPO to the public was \$40,600,000 (exclusive of the Underwriters' Option), with proceeds to the Company and selling shareholders, after deduction of the underwriting discount, of \$29,946,000 (before deducting offering expenses payable by the Company) and \$7,812,000 respectively. The aggregate offering price of the Underwriters' Option exercised was \$6,090,000, with proceeds to the Company, after deduction of the underwriting discount, of \$5,663,700 (before deducting offering expenses payable by the Company). The aggregate amount of expenses incurred by the Company in connection with the issuance and distribution of the shares of Common Stock offered and sold in the IPO were approximately \$3.6 million, including \$2.7 million in underwriting discounts and commissions and \$950,000 in other offering expenses.

None of the expenses paid by the Company in connection with the IPO or the exercise of the Underwriters' Option were paid, directly or indirectly, to directors, officers, persons owning ten percent or more of the Company's equity securities, or affiliates of the Company.

The net proceeds to the Company from the IPO, after deducting underwriting discounts and commissions and other offering expenses were approximately \$34.7 million. To date, the Company has not utilized any of the net proceeds from the IPO. The Company has invested all such net proceeds primarily in US treasury obligations and other interest bearing investment grade securities. None of the net proceeds from the IPO were used to pay, directly or indirectly, directors, officers, persons owning ten percent or more of the Company's equity securities, or affiliates of the Company.

ISSUANCE OF SECURITIES

On October 29, 1999, the Company completed a merger with Empire Technologies, Inc. Concord issued an aggregate of 815,248 shares of Concord Common Stock to the stockholders of Empire in the Merger in a private placement transaction pursuant to Section 4(2) under the Securities Act of 1933. A Form

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

S-3 Registration Statement to cover the resale of the securities issued in this merger was declared effective by the Securities and Exchange Commission.

On February 4, 2000, the Company completed a merger with FirstSense Software, Inc. The Company issued an aggregate of 1,940,000 shares of Concord Common Stock to the stockholders of FirstSense in the Merger in a private placement transaction pursuant to Section 4(2) under the Securities Act of 1933. A Form S-3 Registration Statement to cover the resale of the securities issued in the merger was declared effective by the Securities and Exchange Commission.

18

20

ITEM 6. SELECTED FINANCIAL DATA

(in thousands, except per share data)

	Dec. 31, 2000	Dec. 31, 1999	Fiscal 1
CONSOLIDATED STATEMENT OF OPERATIONS DATA:			
Revenues:			
License revenue	\$ 69,464	\$ 53,924	\$ 3
Services revenue	22,020	14,896	
	-----	-----	-----
Total revenues	91,484	68,820	4
Cost of revenues	13,101	8,502	
	-----	-----	-----
Gross profit	78,383	60,318	3
	-----	-----	-----
Operating expenses:			
Research and development	21,102	14,432	
Sales and marketing	42,996	29,442	1
General and administrative	8,113	5,337	
Asset impairment charge (Note 13)	2,337	--	
Stock-based compensation (Note 3)	812	3,039	
Acquisition-related charges (Note 3)	4,300	551	
	-----	-----	-----
Total operating expenses	79,660	52,801	3
	-----	-----	-----
Operating (loss) income	(1,277)	7,517	
Other income, net	3,066	2,964	
	-----	-----	-----
Income (loss) before income taxes	1,789	10,481	5
Provision (benefit) for income taxes	447	4,286	
	-----	-----	-----
Income (loss) before extraordinary items	1,342	6,195	
Extraordinary items - expense (Note 4)	(216)	--	
	-----	-----	-----
Net income (loss)	\$ 1,126	\$ 6,195	\$
	=====	=====	=====
Accretion of redeemable preferred stock	--	125	
	-----	-----	-----
Net income (loss) available to common shareholders	\$ 1,126	\$ 6,070	\$
	=====	=====	=====
Pro forma provision for income taxes on Subchapter S-Corporation income	--	146	

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Pro forma net income	\$ 1,126	\$ 5,924	\$
	=====	=====	=====
Net income (loss) per common and potential common share:			
Basic	\$ 0.07	\$ 0.42	\$
Diluted	\$ 0.07	\$ 0.36	\$
Pro forma diluted	\$ 0.07	\$ 0.35	\$
Weighted average common and potential common shares outstanding:			
Basic	16,144	14,395	1
Diluted	16,746	16,722	1
Pro forma diluted	16,746	16,722	1

(in thousands)

Fiscal Year Ended

	Dec. 31,	Dec. 31,	Dec. 31,	Dec. 31,
	-----	-----	-----	-----
	2000	1999	1998	1997
	-----	-----	-----	-----
CONSOLIDATED BALANCE SHEET DATA:				
Cash and cash equivalents.....	\$ 63,251	\$ 63,569	\$ 56,619	\$ 40,081
Working capital (deficit).....	54,131	55,213	47,913	36,465
Total assets.....	102,276	89,787	67,981	46,745
Long-term debt, net of current portion..	--	2,064	242	189
Redeemable convertible preferred stock..	--	11,723	11,598	5,471
Total stockholders' equity (deficit)....	70,746	52,476	41,213	33,389

19

21

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

OVERVIEW

Concord develops, markets and supports next-generation fault, availability and performance management solutions, offering the only integrated management solution spanning systems, applications and networks in real time with historical context. Managing fault, availability and performance across all of these key areas, Concord's products ensure effective management of the internet infrastructure. This end-to-end view of the internet infrastructure in real time, with historical context, provides the critical insights needed to power day-to-day business operations for some of today's most successful corporations and service providers worldwide.

Concord does not provide forecasts of its future financial performance. From time to time, however, the information provided by Concord or statements made by our employees may contain forward looking statements. In particular, some statements contained in this Annual Report and Concord's Form 10-K for the fiscal year ended December 31, 2000, are not historical statements (including, but not limited to, statements concerning the plan and objectives of management; increases in sales and marketing, research and development and general and administrative expenses (domestically and internationally), Concord's ability to use deferred tax assets, Concord's success in competing in international markets, Concord's expected future profitability and Concord's expected

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

liquidity and capital resources). This document contains forward looking statements. Any statements contained herein that do not describe historical facts are forward looking statements. The Company makes such forward looking statements under the provisions of the "safe harbor" section of the Private Securities Litigation Reform Act of 1995.

The forward looking statements contained herein are based on current expectations, but are subject to a number of risks and uncertainties. The facts that could cause actual results to differ materially from current expectations include the following: risks of intellectual property rights and litigation, risks in technology development and commercialization, risks in product development and market acceptance of and demand for the Company's products, risks of downturns in economic conditions generally, and in the software, networking and telecommunications industries specifically, risks associated with competition and competitive pricing pressures, risks associated with international sales, risks associated with the Company's recent acquisitions and other risks detailed in the Company's filings with the Securities and Exchange Commission.

On February 4, 2000, the Company completed its acquisition of all of the capital stock of FirstSense Software, Inc., a Delaware corporation ("FirstSense"). The Company accounted for the transaction as a pooling of interests in accordance with Accounting Principles Board (APB) Opinion No. 16, Accounting for Business Combinations. As required by APB No. 16, the Company restated all of its financial statements to reflect the combined results of both entities for all periods presented. All transactions between the two companies have been eliminated in the combined results. FirstSense is a provider of applications performance and service level management software designed for distributed applications, including packaged, custom and e-business applications.

REVENUES

Concord's revenues consist of software license revenues and service revenues. Software license revenues are recognized in accordance with the American Institute of Certified Public Accountants' Statement of Position ("SOP") 97-2, Software Revenue Recognition, as modified by SOP 98-9, Modification of SOP 97-2, Software Revenue Recognition with Respect to Certain Transactions. Under SOP 97-2, software license revenues are recognized upon execution of a contract and delivery of software, provided that the license fee is fixed and determinable, no significant production, modification or customization of the software is required and collection is considered probable by management. Service revenues are recognized as the services are performed. Maintenance revenues are derived from customer support agreements generally entered into in connection with initial license sales and subsequent renewals. Maintenance revenues are recognized ratably over the term of the maintenance period. Payments for maintenance fees are generally made in advance.

20

22

INTERNATIONAL REVENUES

Concord recognized \$27.4 million, \$12.0 million and \$7.5 million of revenues from international locations in 2000, 1999 and 1998, representing 30.0%, 17.5% and 17.8% of total revenues, respectively. Our revenues from international locations were primarily generated from customers located in Europe. Revenues from customers located in Europe accounted for 18.9%, 13.2% and 13.3% of total revenues in 2000, 1999 and 1998, respectively. The continued increase in revenues from international locations as a percentage of total revenues is primarily the result of Concord's expansion of its operations outside the United States, which has included both the hiring of additional

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

personnel as well as the establishment of additional reseller relationships. We believe that continued growth and profitability will require further expansion of our sales, marketing and customer service functions in international markets. We expect to commit additional time and development resources to customizing our products and services for selected international markets.

TOTAL REVENUES

Total revenues were \$91.5 million, \$68.8 million and \$42.0 million in 2000, 1999 and 1998, respectively, representing increases of 32.9% from 1999 to 2000 and 64.0% from 1998 to 1999.

LICENSE REVENUES

Concord's license revenues are derived from the licensing of software products. License revenues were \$69.5 million, \$53.9 million and \$35.0 million, in 2000, 1999 and 1998, respectively, representing increases of 28.8% from 1999 to 2000 and 53.9% from 1998 to 1999. License revenues accounted for 75.9%, 78.4% and 83.5% of total revenues in 2000, 1999 and 1998, respectively. The increase in license revenues in absolute dollars resulted from increased penetration of the international markets, increased sales to new customers and additional sales to existing customers for new products and upgrades of existing licenses. The decrease in license revenues as a percent of total revenues was the result of a significant increase in service revenues due to larger service opportunities in the installed customer base. There were no price increases for products during 2000.

SERVICE REVENUES

Concord's service revenues consist of fees for maintenance, training and professional services. Service revenues were \$22.0 million, \$14.9 million and \$6.9 million in 2000, 1999 and 1998, respectively, representing increases of 47.8% from 1999 to 2000 and 115.2% from 1998 to 1999. Service revenues accounted for 24.1%, 21.6% and 16.5% of total revenues in 2000, 1999 and 1998, respectively. The increase in service revenues was attributable to an increase in the number of customers and the resulting demand for services by these customers.

COST OF REVENUES

Cost of revenues includes expenses associated with royalty costs, production, fulfillment and product documentation, along with personnel costs associated with providing customer support in connection with maintenance, training and professional services contracts. Royalty costs are composed of third party software costs. Cost of revenues were \$13.1 million, \$8.5 million and \$4.9 million in 2000, 1999 and 1998, respectively, representing increases of 54.1% from 1999 to 2000 and 73.5% from 1998 to 1999. Cost of revenues accounted for 14.3%, 12.4% and 11.6% of total revenues in 2000, 1999 and 1998, respectively, resulting in gross margins of 85.7%, 87.6% and 88.4% in each respective period. The increase in cost of revenues, as well as the decrease in the gross margin percentages, was primarily the result of increased spending for customer support to be more responsive to growing customer needs.

RESEARCH AND DEVELOPMENT EXPENSES

Research and development expenses consist primarily of personnel costs associated with software development. Research and development expenses were \$21.1 million, \$14.4 million and \$9.9 million in 2000, 1999 and 1998, respectively, representing an increase of 46.2% from 1999 to 2000 and 46.1% from 1998 to 1999. Research and development expenses accounted for 23.1%, 21.0% and 23.5% of total

23

revenues in 2000, 1999 and 1998, respectively. The increase in absolute dollars was primarily due to increased headcount in research and development from 97 to 128 people from 1999 to 2000 and 77 to 97 people from 1998 to 1999. We anticipate that we will continue to commit substantial resources to research and development in the future and that product development expenses may increase in absolute dollars in future periods.

SALES AND MARKETING EXPENSES

Sales and marketing expenses consist primarily of salaries, commissions to sales personnel and agents, travel, tradeshow participation, public relations and other promotional expenses. Sales and marketing expenses were \$43.0 million, \$29.4 million and \$19.9 million in 2000, 1999 and 1998, respectively, representing an increase of 46.0% from 1999 to 2000 and 48.0% from 1998 to 1999. Sales and marketing expenses accounted for 47.0%, 42.8% and 47.4% of total revenues in 2000, 1999 and 1998, respectively. The increase in absolute dollars was primarily the result of increased headcount to continue to build the direct sales force along with strong channel partners to penetrate the market. Additionally, the costs to market a multi-product, multi-market solution set are higher than the prior single product, single market solution sold in prior years. Headcount in sales and marketing at the end of 2000, 1999 and 1998 was 163, 134 and 83 people, respectively. We anticipate that we will continue to commit substantial resources to sales and marketing in the future and that these expenses may increase in absolute dollars in future periods.

GENERAL AND ADMINISTRATIVE EXPENSES

General and administrative expenses consist primarily of salaries for financial, accounting, legal, business development, administrative and management personnel. General and administrative expenses were \$8.1 million, \$5.3 million and \$3.6 million in 2000, 1999 and 1998, respectively, representing an increase of 52.0% from 1999 to 2000 and 46.5% from 1998 to 1999. General and administrative expenses accounted for 8.9%, 7.8% and 8.7% of total revenues in 2000, 1999 and 1998, respectively. The increase in absolute dollars reflects an increased number of general and administrative personnel and an increase of costs in general support areas, such as human resources, finance and legal services, which will enable Concord to scale its infrastructure in anticipation of future growth.

ASSET IMPAIRMENT EXPENSE

Concord acquired a \$3 million interest in Broadband Investment Group (Broadband) in September 2000 in exchange for our products and services. In November 2000, Broadband publicly announced that it was ceasing operations and liquidating its remaining assets following its inability to raise additional capital due to unfavorable market conditions. As a result, Concord recorded a charge for approximately \$2.3 million to write off its investment in Broadband. The remainder of the carrying value of its Broadband investment was reversed against the related deferred revenue for services not yet rendered.

ACQUISITION-RELATED EXPENSES

Acquisition-related expenses incurred in 2000 included accounting, legal and investment banking fees associated with the acquisition of FirstSense Software, Inc. Similar expenses were incurred in 1999 for the acquisition of Empire Technologies, Inc. These acquisition-related expenses were approximately \$4.3 million and \$551,000 in 2000 and 1999, respectively, and they accounted for 4.7% and 0.8% of total revenue in 2000 and 1999, respectively.

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

OTHER INCOME (EXPENSE), NET

Other income consists of interest earned on funds available for investment net of interest expense in connection with the financing of capital equipment. Concord realized net other income of \$3.1 million, \$3.0 million and \$2.5 million, respectively, in 2000, 1999 and 1998.

INCOME TAXES

The difference between the expected combined federal and state tax rate of approximately 40% and Concord's effective tax rate in 2000 relates primarily to the use of currently generated tax credits, favorable

22

24

tax rates on international sales and previously unrecognized net operating loss carryforwards, partially offset by non-deductible acquisition costs. The 1999 effective tax rate approximates the combined statutory rate. The difference in 1998 relates primarily to the use of substantially all of Concord's unrestricted net operating loss carryforwards and the reduction of the related valuation allowance. In addition, we received a tax benefit of approximately \$469,000, \$4.9 million and \$500,000 pursuant to the exercise of employee stock options in 2000, 1999 and 1998, respectively. We recorded this benefit as a component of additional paid-in capital.

EXTRAORDINARY LOSS ON EARLY EXTINGUISHMENT OF DEBT

The Company recognized an extraordinary loss of \$216,000 (net of the related tax benefit of \$72,000) in 2000 related to the early extinguishment of certain debt that the Company assumed as a part of the First-Sense acquisition.

LIQUIDITY AND CAPITAL RESOURCES

Concord has financed its operations primarily through the sale of equity securities and a credit line for equipment purchases. Concord had working capital of \$54.1 million at December 31, 2000.

Net cash provided by operating activities was \$8.2 million, \$11.5 million and \$11.2 million in 2000, 1999 and 1998, respectively. Cash, cash equivalents and marketable securities were \$63.3 million, \$63.6 million and \$56.6 million in 2000, 1999 and 1998, respectively. Deferred revenues increased for the year ended December 31, 2000 by \$7.0 million due to an increase in overall sales activity; \$5.1 million of this increase came from deferred maintenance contracts and \$1.9 million was the result of service and software license sales with remaining contingencies such as completion of services, product acceptance and credit worthiness.

Investing activities consisted of the acquisition of property and equipment, most notably computer and networking equipment to support the growing employee base and corporate infrastructure and also investments in marketable securities. Concord manages its market risk on its marketable securities by selecting investment grade securities with the highest credit ratings of relatively short duration that trade in highly liquid markets.

Financing activities consisted primarily of the issuance of common stock and exercise of options during 2000, 1999 and 1998 and the repayment of subordinated debt of FirstSense, following the acquisition of this company.

Pursuant to the Tax Reform Act of 1986, the utilization of net operating loss (NOL) carryforwards for tax purposes may be subject to an annual limitation if a cumulative change of ownership of more than 50% occurs over a three-year

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

period. As a result of our 1995 preferred stock financings, such a change in ownership has occurred. As a result of this ownership change, the use of the NOL carryforwards will be limited. We have determined that our initial public offering did not cause another ownership change. In addition, NOL carryforwards acquired as a result of the FirstSense acquisition are also restricted as a result of a prior ownership change of FirstSense. Concord has deferred tax assets of approximately \$14,914,000 composed primarily of NOL carryforwards and research and development credits. We have partially reserved for these deferred tax assets by recording a valuation allowance of \$11,414,000. The net tax asset is based on our estimate of the NOL carryforwards we expect to use in the next two years; all other tax assets have been fully reserved.

Pursuant to paragraphs 20 to 25 of Statement of Financial Accounting Standards (SFAS) No. 109, Accounting for Income Taxes, Concord considered both positive and negative evidence in assessing the need for a valuation allowance at December 31, 1998 and 1999. The factors that weighed most heavily on our decision to record a valuation allowance were (i) the substantial restrictions on the use of certain of its existing NOL and credit carryforwards and (ii) the uncertainty of future profitability.

As a result of our ownership change described above, the future use of approximately \$6,577,000 of our NOL carryforwards are limited to only \$330,000 per year; the substantial majority of such NOL carry-

23

25

forwards will expire before they can be used. The FirstSense NOL carryforwards are limited to \$4.2 million per year. Pursuant to the provisions of SFAS No. 109, we used all of our remaining unrestricted NOL and credit carryforwards in computing the 1998 tax provision. As part of the restatement of our 1999 financial statements to reflect the FirstSense acquisition, we determined that approximately \$3.0 million of valuation allowance previously recorded by FirstSense prior to the acquisition was not necessary, given our estimates of future taxable income. Accordingly, pursuant to SFAS No. 109, we recorded an asset and reduced our provision for income taxes in the period in which such NOL carryforwards were generated by FirstSense. We are also subject to rapid technological change, competition from substantially larger competitors, a limited family of products and other related risks.

As a result, we found the evidence described above to be the most reliable objective evidence available in determining that a valuation allowance against our tax assets would be necessary.

Concord's NOL deferred tax asset includes approximately \$3,750,000 pertaining to the benefit associated with the exercise and subsequent disqualifying disposition of incentive stock options by our employees. When and if we realize this asset, the resulting change in the valuation allowance will be credited directly to additional paid-in capital, pursuant to the provisions of SFAS No. 109.

Concord received a tax benefit of approximately \$469,000, \$4.9 million and \$500,000 in 2000, 1999 and 1998, respectively, pursuant to the exercise of employee stock options. We recorded this benefit as a component of additional paid-in capital.

As of December 31, 2000, Concord's principal sources of liquidity included cash and marketable securities. We believe that our current cash and marketable securities and cash provided by future operations will be sufficient to meet our working capital and anticipated capital expenditure requirements for the next 12 months. Although operating activities may provide cash in certain periods, to the extent Concord experiences growth in the future, our operating

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

and investing activities may require significant cash. Consequently, any such future growth may require Concord to obtain additional equity or debt financing.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

DERIVATIVE FINANCIAL INSTRUMENTS, OTHER FINANCIAL INSTRUMENTS AND DERIVATIVE COMMODITY INSTRUMENTS.

Concord does not invest in derivative financial instruments, other financial instruments or derivative commodity instruments for which fair value disclosure would be required under Statement of Financial Accounting Standards (SFAS) No. 133, Accounting for Derivative Instruments and Hedging Activities. All of our investments are in investment grade securities with high credit ratings of relatively short duration that trade in highly liquid markets and are carried at fair value on our books. Accordingly, Concord has no quantitative information concerning the market risk of participating in such investments.

PRIMARY MARKET RISK EXPOSURES.

Concord's primary market risk exposure is in the area of interest rate risk. Our investment portfolio of cash equivalents is subject to interest rate fluctuations, but we believe this risk is immaterial due to the short-term nature of these investments. Substantially all of our business outside the United States is conducted in U.S. dollar-denominated transactions, whereas our operating expenses in our international branches are denominated in local currency. We have no foreign exchange contracts, option contracts or other foreign hedging arrangements. We believe that the operating expenses of our foreign operations are immaterial, and therefore any associated market risk is unlikely to have a material adverse effect on our business, results of operations or financial condition.

Concord's current export sales are denominated in United States dollars. To the extent that international sales continue to be denominated in United States dollars, an increase in the value of United

24

26

States dollar relative to other currencies could make our products and services more expensive and, therefore, potentially less competitive in international markets.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

Concord's financial statements together with the related notes and the report of Arthur Andersen LLP and KPMG LLP, independent accountants, are set forth beginning on page F-1 of Item 14.

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

25

27

PART III

ITEM 10. DIRECTORS AND OFFICERS OF THE REGISTRANT

The information under the captions "Election of Directors" and "Section 16(a) Beneficial Ownership Reporting Compliance" as set forth in the Concord's

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Proxy Statement for its annual stockholders' meeting to be held April 25, 2001 is incorporated herein by reference.

Our executive officers and their ages as of December 31, 2000 are as follows:

NAME	AGE	POSITION
John A. Blaeser.....	59	Chief Executive Officer, President and Director
Melissa H. Cruz	38	Executive Vice President, Business Services Chief Financial Officer, Clerk and Treasurer
Kevin J. Conklin....	47	Executive Vice President, Business Development
Ferdinand Engel.....	52	Executive Vice President, Engineering and Chief Technology Officer
John Hamilton.....	48	Executive Vice President, Worldwide Sales and Technical Services
Ellen Kokos.....	48	Executive Vice President, Marketing

Set forth below is certain information relating to each executive officer's business experience:

John A. Blaeser has been Concord's Chief Executive Officer and President since January 1996 and a director of Concord since 1985. Prior to joining Concord, from 1991 until 1996, Mr. Blaeser was Managing General Partner of EG&G Venture Management, a venture capital firm.

Melissa H. Cruz has been Concord's Executive Vice President, Business Services and Chief Financial Officer since April 2000, Vice President Finance from January 2000 until April, 2000, Director of Finance from August 1998 until January 2000 and Manager, Financial Planning from August 1997 until August 1998. Prior to joining Concord, Ms. Cruz was Director of Finance at SeaChange International, Inc. from November 1996 to August 1997, International Controller at Bay Networks, Inc. from November 1993 to July 1996 and from December 1984 to November 1993, Ms. Cruz held a variety of financial management roles at Digital Equipment Corporation.

Kevin J. Conklin has been Concord's Executive Vice President, Business Development since April 2000, Senior Vice President of Marketing from September 1999 until April 2000 and Vice President of Marketing of Concord from March 1994 until September 1999. Prior to joining Concord, Mr. Conklin was Vice President of Product Marketing and Development at Artel Communications, Inc. from June 1993 until joining Concord in March 1994, and from July 1991 to June 1993 Mr. Conklin served as Director of Marketing at Artel Communications.

Ferdinand Engel has been Concord's Executive Vice President of Engineering and Chief Technology Officer since April 2000, Senior Vice President of Engineering of Concord from September 1999 until April 2000 and Vice President of Engineering of Concord from 1989 until September 1999. Prior to joining Concord, Mr. Engel was Vice President of Engineering for Technology Concepts at Bell Atlantic Corp.

John Hamilton has been Concord's Executive Vice President of International Sales and Technical Service since November 2000, Vice President of Worldwide Sales from April 2000 until November 2000, Vice President North American Sales

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

from September 1999 until April 2000 and National Sales Director from July 1997 until September 1999. Prior to joining Concord, Mr. Hamilton was Area Vice President at FTP Software, Inc. from February 1996 until July 1997 and from February 1995 until February 1996, Mr. Hamilton was the national sales manager for Oxford & Associates, Inc. He also held various management positions at EMC Corporation, Stratus Corporation and International Business Machines Corporation.

Ellen Kokos has been Concord's Executive Vice President, Marketing since January 2001. Prior to joining Concord, Ms. Kokos was Vice President at Epicon, Inc. from November 1998 until September 2000. From July 1996 until September 1997, Ms. Kokos was Vice President, Marketing at Agile Networks, a subsidiary of Lucent Technologies. In 1995, Ms. Kokos was Corporate Vice President, Marketing at Chipcom prior to its acquisition by 3COM Corporation. Ms. Kokos also held executive positions at Digital Equipment Corporation, Novell, Inc. and Sun Microsystems, Inc.

26

28

ITEM 11. EXECUTIVE COMPENSATION

The information under the caption "Executive Compensation" as set forth in the Company's Proxy Statement for its annual stockholders' meeting to be held April 25, 2001 is incorporated herein by reference.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The information under the caption "Securities Ownership of Certain Beneficial Owners and Management" as set forth in Concord's Proxy Statement for its annual stockholders' meeting to be held April 25, 2001 is incorporated herein by reference.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

Not applicable.

27

29

PART IV

ITEM 14. EXHIBITS, FINANCIAL STATEMENT SCHEDULES AND REPORTS ON FORM 8-K

(a) The following documents are filed as part of this Form:

	Page Num
1. Consolidated Financial Statements:	
Reports of Independent Public Accountants	F-1
Consolidated Balance Sheets:	
December 31, 2000 and December 31, 1999	F-3
Consolidated Statements of Income:	
Years ended December 31, 2000, December 31, 1999 and December 31, 1998	F-4
Consolidated Statements of Stockholders' Equity:	
Years ended December 31, 2000, December 31, 1999 and December 31, 1998	F-5
Consolidated Statements of Cash Flows:	
Years ended December 31, 2000, December 31, 1999 and December 31, 1998	F-6
Notes to the Consolidated Financial Statements	F-7

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

2. Consolidated Financial Statement Schedules

Schedule II - Valuation and Qualifying Accounts

Included in Item 11 of Notes to the Consolidated Financial Statements

3. Exhibits:

See Index to Exhibits. The Exhibits listed in the accompanying Index to Exhibits are filed or incorporated by reference as part of this report.

(b) Reports on Form 8-K:

None.

28

30

REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS

To the Board of Directors of
Concord Communications, Inc.:

We have audited the accompanying consolidated balance sheets of Concord Communications, Inc. (a Massachusetts corporation) as of December 31, 2000 and December 31, 1999, and the related consolidated statements of income, stockholders' equity (deficit) and cash flows for each of the three years in the period ended December 31, 2000. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits. We did not audit the financial statements of FirstSense Software, Inc., a company acquired during 2000 in a transaction accounted for as a pooling of interests, as discussed in Note 3(b). Such statements are included in the consolidated financial statements of Concord Communications, Inc. and reflect total assets of 6% as of December 31, 1999 and total revenues of 2% and 1%, respectively, for each of the two years in the period ended December 31, 1999, of the related consolidated totals. These statements were audited by other auditors whose report has been furnished to us and our opinion, insofar as it relates to amounts included for FirstSense Software, Inc., is based solely on the report of the other auditors.

We conducted our audits in accordance with auditing standards generally accepted in the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits and the report of the other auditors provide a reasonable basis for our opinion.

In our opinion, based on our audits and the report of the other auditors, the financial statements referred to above present fairly, in all material respects, the financial position of Concord Communications, Inc. as of December 31, 2000 and December 31, 1999, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2000, in conformity with accounting principles generally accepted in United States.

/s/ Arthur Andersen LLP
ARTHUR ANDERSEN LLP

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Boston, Massachusetts
January 19, 2001

F-1

31

REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS

The Board of Directors
FirstSense Software, Inc.:

We have audited the balance sheet of FirstSense Software, Inc. as of December 31, 1999 and the related statements of operations, stockholders' (deficit) equity, and cash flows for the years ended December 31, 1999 and 1998 (not presented herein). These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of FirstSense Software, Inc. as of December 31, 1999 and the results of its operations and its cash flows for the years ended December 31, 1999 and 1998, in conformity with generally accepted accounting principles.

/s/ KPMG LLP
KPMG LLP

Boston, Massachusetts
April 5, 2000

F-2

32

CONCORD COMMUNICATIONS, INC.

CONSOLIDATED BALANCE SHEETS

December 31,
2000

ASSETS

Current Assets:

Cash, cash equivalents and marketable securities \$ 63,251,427

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Accounts receivable, net of allowance of \$1,525,965 and \$971,490 in 2000 and 1999, respectively	20,000,193
Prepaid expenses and other current assets	2,409,350

Total current assets	85,660,970

Equipment and Improvements, at cost:	
Equipment	16,085,465
Leasehold improvements	6,080,105

	22,165,570
Less -- Accumulated depreciation and amortization	9,140,170

	13,025,400

Deferred Tax Asset	3,500,000
Other Long-Term Assets	89,689

Total long-term assets	3,589,689

	\$102,276,059
	=====
LIABILITIES AND STOCKHOLDERS' EQUITY	
Current Liabilities:	
Current portion of long-term debt	\$ --
Accounts payable	3,117,627
Accrued expenses	11,108,921
Deferred revenue	17,303,928

Total current liabilities	31,530,476

Long-term debt, less current portion	--

Commitments and Contingencies (Note 8)	
Redeemable Preferred Stock (Note 6):	
Series A Redeemable Convertible Preferred Stock, \$0.01 par value; 5,500,000 shares authorized; 5,471,465 shares issued and outstanding at December 31, 1999 (aggregate liquidation value \$5,471,465)	--
Series B Redeemable Convertible Preferred Stock, \$0.01 par value; 2,920,000 shares authorized and 2,800,000 issued and outstanding at December 31, 1999 (aggregate liquidation value \$7,000,000)	--

Total redeemable preferred stock	--

Stockholders' Equity:	
Common Stock, \$0.01 par value:	
Authorized -- 50,000,000 shares	
Issued and outstanding -- 16,554,944 and 14,809,533 shares at December 31, 2000 and 1999, respectively	165,549
Additional paid-in capital	95,479,340
Deferred compensation	(1,509,880)
Accumulated other comprehensive income (loss)	135,159
Accumulated deficit	(23,524,585)

Total stockholders' equity	70,745,583

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

F-3

33

CONCORD COMMUNICATIONS, INC.
CONSOLIDATED STATEMENTS OF INCOME

	Year
	----- 2000 -----
Revenues:	
License revenues	\$ 69,463,790
Service revenues	22,020,064

Total revenues	91,483,854
Cost of Revenues	13,101,272

Gross profit	78,382,582

Operating Expenses:	
Research and development	21,101,448
Sales and marketing	42,996,124
General and administrative	8,113,239
Asset impairment charge (Note 13)	2,336,465
Stock-based compensation (Note 5)	812,333
Acquisition-related charges (Note 3)	4,300,000

Total operating expenses	79,659,609

Operating (loss) income	(1,277,027)

Other Income (Expense):	
Interest income	3,066,333
Interest expense	--
Other expense	--

Total other income, net	3,066,333

Income before income taxes	1,789,306
Provision for (benefit from) income taxes	447,000
Income before extraordinary items	1,342,306
Extraordinary loss on early extinguishment of debt, net of tax benefit of \$72,000 (Note 4)	(216,010)

Net income	\$ 1,126,296
	=====
Accretion of redeemable preferred stock	--

Net income applicable to common stockholders	\$ 1,126,296
	=====
Pro forma provision for income taxes on Subchapter S-Corporation income (unaudited)	--

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Pro forma net income (unaudited)	\$ 1,126,296
	=====
Net income per common and potential common share:	
Basic	\$ 0.07
	=====
Diluted	\$ 0.07
	=====
Pro forma diluted (unaudited)	\$ 0.07
	=====
Weighted average common and potential common shares outstanding:	
Basic	16,143,867
	=====
Diluted	16,745,742
	=====
Pro forma diluted (unaudited)	16,745,742
	=====

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

F-4

34

CONCORD COMMUNICATIONS, INC.
CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY

	COMMON STOCK		
	NUMBER	\$.01	ADDITION
	OF SHARES	PAR VALUE	PAID-IN
	-----	-----	CAPITAL

BALANCE, DECEMBER 31, 1997	12,501,019	\$125,010	\$68,168,
Shares issued in connection with employee stock plans	1,021,421	10,214	1,495,
Accretion of dividends on Preferred stock	--	--	(120,
Tax benefit associated with employee Stock options	--	--	500,
Deferred compensation related to grants of stock options and restricted stock	--	--	484,
Amortization of deferred compensation related to grants of stock options	--	--	
Unrealized gains on available-for-sale securities	--	--	
Distribution to shareholders	--	--	

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Net income	--	--	
	-----	-----	-----
Comprehensive Income			
BALANCE, DECEMBER 31, 1998	13,522,440	135,224	70,528,
Shares issued in connection with employee stock plans	1,287,093	12,871	2,844,
Accretion of dividends on preferred stock	--	--	(125,
Tax benefit associated with employee stock options	--	--	4,900,
Deferred compensation related to grants of stock options and restricted stock	--	--	3,417,
Amortization of deferred compensation related to grants of stock options	--	--	
Issuance of warrants	--	--	357,
Unrealized gains on available-for- Sale securities	--	--	
Distribution to shareholders	--	--	
Net income	--	--	
	-----	-----	-----
Comprehensive Income			
BALANCE, DECEMBER 31, 1999	14,809,533	148,095	81,922,
Shares issued in connection with employee stock plans	474,762	4,748	2,193,
Conversion of redeemable preferred stock	1,252,616	12,526	11,710,
Exercise of warrants	18,033	180	419,
Tax benefit associated with employee stock options	--	--	468,
Deferred compensation related to grants of stock options and restricted stock	--	--	(1,235,
Amortization of deferred compensation related to grants of stock options	--	--	
Unrealized gains on available-for- sale securities	--	--	
Net income	--	--	
	-----	-----	-----
Comprehensive Income			
BALANCE, DECEMBER 31, 2000	16,554,944	\$165,549	\$95,479,
	=====	=====	=====

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

	ACCUMULATED DEFICIT	ACCUMULATED OTHER COMPREHENSIVE INCOME
	-----	-----
BALANCE, DECEMBER 31, 1997	\$ (33,505,297)	\$ 19,750
Shares issued in connection with employee stock plans	--	--
Accretion of dividends on Preferred stock	--	--
Tax benefit associated with employee Stock options	--	--
Deferred compensation related to grants of stock options and restricted stock	--	--
Amortization of deferred compensation related to grants of stock options	--	--
Unrealized gains on available-for- sale securities	--	129,856
Distribution to shareholders	(1,507,938)	--
Net income	6,100,237	--
Comprehensive Income	-----	-----
BALANCE, DECEMBER 31, 1998	(28,912,998)	149,606
Shares issued in connection with employee stock plans	--	--
Accretion of dividends on preferred stock	--	--
Tax benefit associated with employee stock options	--	--
Deferred compensation related to grants of stock options and restricted stock	--	--
Amortization of deferred compensation related to grants of stock options	--	--
Issuance of warrants	--	--
Unrealized gains on available-for- Sale securities	--	(1,535,731)
Distribution to shareholders	(1,933,239)	--
Net income	6,195,356	--
Comprehensive Income	-----	-----
BALANCE, DECEMBER 31, 1999	(24,650,881)	(1,386,125)
Shares issued in connection with		

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

employee stock plans	--	--	
Conversion of redeemable preferred stock	--	--	
Exercise of warrants			
Tax benefit associated with employee stock options	--	--	
Deferred compensation related to grants of stock options and restricted stock	--	--	
Amortization of deferred compensation related to grants of stock options	--	--	
Unrealized gains on available-for-sale securities	--	1,521,284	
Net income	1,126,296	--	
Comprehensive Income			
BALANCE, DECEMBER 31, 2000	\$ (23,524,585)	\$ 135,159	\$

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

F-5

35

CONCORD COMMUNICATIONS, INC.

CONSOLIDATED STATEMENTS OF CASH FLOWS

	Year Ended De	
	2000	1999
Cash Flows from Operating Activities:		
Net income	\$ 1,126,296	\$ 6,195
Adjustments to reconcile net income to net cash provided by operating activities-		
Depreciation and amortization	5,104,220	2,280
Gain on sale of fixed assets	--	--
Stock-based compensation	812,333	547
Amortization of debt issuance costs	--	59
Deferred tax benefit	(500,000)	(1,307)
Changes in current assets and liabilities:		
Accounts receivable	(6,023,264)	(8,339)
Prepaid expenses and other current assets	(1,218,203)	(725)
Accounts payable	997,209	1,120
Accrued expenses	865,012	2,073
Deferred revenue	7,042,594	4,740
Tax benefit associated with exercise of options	468,954	4,900

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Net cash provided by operating activities	8,675,151	11,544
<hr/>		
Cash Flows from Investing Activities:		
Purchases of equipment and improvements	(10,080,218)	(6,883)
Proceeds received on sale of fixed assets	--	
Change in other assets	(89,689)	
Net sales (purchases) of investments in marketable securities .	1,934,795	(15,237)
Net cash used in investing activities	(8,235,112)	(22,121)
<hr/>		
Cash Flows from Financing Activities:		
Proceeds form bank borrowings	--	3,120
Repayments of bank borrowings	(2,962,466)	(219)
Distribution to shareholders	--	(1,933)
Proceeds from issuance of common stock and redeemable preferred stock	2,198,164	2,857
Proceeds from exercise of warrants	420,000	
Net cash (used in) provided by financing activities ..	(344,302)	3,842
<hr/>		
Net Increase (Decrease) in Cash and Cash Equivalents	95,737	(6,751)
Cash and Cash Equivalents, beginning of year	10,629,528	17,381
Cash and Cash Equivalents, end of year	\$ 10,725,265	\$ 10,629
<hr/>		
Supplemental Disclosure of Cash Flow information:		
Cash paid for interest	\$ 19,810	\$ 93
Cash paid for taxes	\$ 819,295	\$ 341
<hr/>		
Supplemental Disclosure of Noncash Transactions:		
Deferred compensation related to grants of stock options	\$ (1,235,581)	\$ 3,417
Conversions of redeemable convertible preferred stock to common stock	\$ 11,723,017	\$
Unrealized gain (loss) on available-for-sale securities	\$ 1,521,284	\$ (1,535)
Retirement of fully depreciated fixed assets	\$ --	\$
<hr/>		

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

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

DECEMBER 31, 2000

(1) ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES

Concord Communications, Inc. (the Company or Concord) is primarily engaged in the development and sale of next-generation fault, availability and performance management solutions to companies principally in the United States, Europe, Latin America and Asia Pacific.

The Company is subject to the risks associated with emerging, technology-oriented companies. Primary among these risks are competition from substitute products and the ability to successfully develop and market the Company's current and future products.

(a) Principles of Consolidation

The accompanying consolidated financial statements include the accounts of the Company and its wholly owned subsidiaries. All material intercompany accounts and transactions have been eliminated in consolidation.

(b) Cash, Cash Equivalents and Marketable Securities

The Company follows the provisions of Statement of Financial Accounting Standards (SFAS) No. 115, Accounting for Certain Investments in Debt and Equity Securities. The Company has classified its marketable securities as available-for-sale and recorded them at fair value, with the unrealized gains and losses reported as a separate component of stockholders' equity. The Company considers highly liquid investments, purchased with an original maturity of 90 days or less, to be cash equivalents. Cash and cash equivalents are \$10,725,265 and \$10,629,528 at December 31, 2000 and 1999, respectively.

(c) Revenue Recognition

The Company's revenues consist of software license revenues and service revenues. Software license revenues are recognized in accordance with the American Institute of Certified Public Accountants' Statement of Position ("SOP") 97-2, Software Revenue Recognition, as modified by SOP 98-9, Modification of SOP 97-2, Software Revenue Recognition with respect to Certain Transactions. Under SOP 97-2, software license revenues are recognized upon execution of a contract and delivery of software, provided that the license fee is fixed and determinable, no significant production, modification or customization of the software is required and collection is considered probable by management. Revenues under multiple element arrangements, which typically include software products and maintenance sold together, are allocated to each element using the residual method in accordance with 98-9. Service revenues are recognized as the services are performed. Maintenance revenues are derived from customer support agreements generally entered into in connection with initial license sales and subsequent renewals. Maintenance revenues are recognized ratably over the term of the maintenance period. Payments for maintenance fees are generally made in advance.

(d) Equipment and Improvements

Equipment and improvements are recorded at cost. Depreciation is provided for on a straight-line basis over the useful lives of the assets, which are estimated to be three to five years for all assets except leasehold improvements, which are amortized over the life of the lease.

(e) Use of Estimates in the Preparation of Financial Statements

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

F-7

37

(f) Concentration of Credit Risk and Significant Customers

SFAS No. 105, Disclosure of Information about Financial Instruments with Off-Balance-Sheet Risk and Financial Instruments with Concentrations of Credit Risk, requires disclosure of any significant off-balance-sheet and credit risk concentrations. The Company has no significant off-balance-sheet or concentration of credit risk exposure such as foreign exchange contracts, option contracts or other foreign hedging arrangements. The Company maintains its cash, cash equivalents and marketable securities with established financial institutions. The Company does not believe it has accounts receivable collection risk in excess of existing reserves. For the years ended December 31, 2000, 1999 and 1998, no individual customer accounted for more than 10% of revenue or accounts receivable.

(g) Derivative Instruments

The Company does not have any derivative financial instruments that require accounting or disclosure under SFAS No. 133, Accounting for Derivative Instruments and Hedging Activities.

(h) Reclassifications

Certain amounts in the prior year's financial statements have been reclassified to conform to the current year's presentation.

(i) Software Development Costs

SFAS No. 86, Accounting for the Costs of Computer Software to be Sold, Leased or Otherwise Marketed, requires the capitalization of certain computer software development costs incurred after technological feasibility is established. The Company believes that once technological feasibility of a software product has been established, the additional development costs incurred to bring the product to a commercially acceptable level are not significant. There were no capitalized software development costs at December 31, 2000 or 1999.

(j) Net Income per Share

The Company computes earnings per share following the provisions of SFAS No. 128, Earnings per Share. SFAS No. 128 establishes standards for computing and presenting earnings per share and applies to entities with publicly held common stock or potential common stock. The dilutive effect of potential common shares in 2000, in 1999 and 1998, consisting of outstanding stock options and warrants and convertible preferred stock (in 2000 and 1999) is determined using the treasury method and the if-converted method, respectively, in accordance with SFAS No. 128. Pro forma diluted net income per common and potential common share assumes earnings from Empire Technologies, Inc., an acquired Subchapter S-Corporation accounted for as a pooling-of-interests (Note 3), were taxed at the Company's effective tax rate.

F-8

38

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Calculations of basic, diluted and pro forma diluted net income per common share and potential common share are as follows:

	Year Ended December 2000	1999
	-----	-----
Net income applicable to common stockholders	\$ 1,126,296	\$ 6,070,071
	-----	-----
Pro forma provision for income taxes on Subchapter S-Corporation income (unaudited)	--	146,325
	-----	-----
Pro forma net income (unaudited)	\$ 1,126,296	\$ 5,923,746
	=====	=====
Weighted average common shares outstanding	16,143,867	14,395,339
Potential common shares pursuant to stock options	498,301	1,083,906
Potential common shares pursuant to conversion of Redeemable convertible preferred stock	103,574	1,242,895
	-----	-----
Diluted and pro forma diluted (unaudited) weighted average shares	16,745,742	16,722,140
	=====	=====
Basic net income per common share	\$ 0.07	\$ 0.42
	=====	=====
Diluted net income per common and potential common share	\$ 0.07	\$ 0.36
	=====	=====
Pro forma diluted net income per common and potential common share	\$ 0.07	\$ 0.35
	=====	=====

The extraordinary loss in 2000 (Note 4) reduced basic, diluted and pro forma income by \$0.01.

Diluted weighted average shares outstanding do not include 1,880,310, 738,801 and 41,632 common equivalent shares for the years ended December 31, 2000, 1999 and 1998, respectively, as their effect would have been antidilutive.

(2) MARKETABLE SECURITIES

It is the Company's intent to maintain a liquid investment portfolio to support current operations and to take advantage of investment opportunities; therefore, all marketable securities are considered to be available-for-sale and are classified as current assets. The amortized cost, unrealized gains (losses) and fair value of marketable securities available-for-sale as of December 31, 2000 with maturity dates from January 1, 2001 through October 17, 2007, are as follows:

	Amortized Cost	Unrealized Gains (Losses)
	-----	-----
US government and municipal obligations	\$29,700,805	\$ 163,644
Foreign government obligations	1,027,063	27,342

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Corporate bonds and notes	24,186,700	(55,827)
	-----	-----
	54,914,568	135,159
Less: Cash equivalents	2,523,565	--
	-----	-----
Available-for-sale marketable securities	\$52,391,003	\$ 135,159
	=====	=====

F-9

39

The amortized cost, unrealized gains (losses) and fair value of marketable securities available-for-sale as of December 31, 1999 with maturity dates from January 1, 2000 through April 20, 2004, are as follows:

	Amortized Cost	Unrealized Gains (Losses)	Fair Value
	-----	-----	-----
US government and municipal obligations	\$ 18,121,819	\$ (699,459)	\$17,422,
Corporate bonds and notes	39,164,353	(686,666)	38,477,
	-----	-----	-----
	57,286,172	(1,386,125)	55,900,
Less: Cash equivalents	2,960,374	--	2,960,
	-----	-----	-----
Available-for-sale marketable securities	\$ 54,325,798	\$ (1,386,125)	\$52,939,
	=====	=====	=====

(3) ACQUISITIONS

(a) Empire Technologies, Inc.

On October 29, 1999, the Company issued 815,248 shares of common stock for all of the issued and outstanding shares of Empire Technologies, Inc. ("Empire") in a transaction accounted for as a pooling-of-interests. Accordingly, all prior-period financial statements presented have been restated as required by Accounting Principles Board (APB) Opinion No. 16, Accounting for Business Combinations. All intercompany transactions have been eliminated as a part of the restatement.

As a part of the transaction, the Company incurred direct, acquisition-related charges of approximately \$551,000. All of such costs were expensed upon the completion of the Empire acquisition. Also, as part of the transaction, the Company assumed an obligation related to Empire's existing stock appreciation rights plan. Pursuant to the terms of the only grant under this plan, the Company settled this obligation in cash within 30 days of closing. The expense relating to the grant was recognized from the date of grant through the date of settlement.

(b) FirstSense Software, Inc.

On February 4, 2000, the Company completed the acquisition of FirstSense Software, Inc. (FirstSense). Under the terms of the agreement, the shareholders and option holders received an aggregate of 1,940,000 Company shares to effect the business combination. The transaction has been accounted for as a pooling of interests. Accordingly, all prior-period financial statements presented have been restated as required by APB Opinion No. 16. All inter-company transactions have been eliminated as a result of the business combination.

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

As part of the transaction, Company incurred direct, acquisition-related charges of approximately \$4,300,000. All of such costs were expensed in fiscal 2000 upon the completion of the FirstSense acquisition.

Separate and combined results of the Company, Empire and FirstSense during the periods preceding the merger were as follows:

	Concord -----	Empire -----	FirstSense -----	Eliminatio adjustme -----
1999				
Net revenues	\$64,762,253	\$2,713,962	\$ 1,562,240	\$ (218,
Net incomes (loss) applicable to common stockholders	12,434,597	471,655	(8,101,318)	1,265,
1998				
Net revenues	\$39,481,330	\$1,976,022	\$ 511,082	\$
Net incomes (loss) applicable to common stockholders	9,078,471	747,615	(5,364,691)	1,518,

Intercompany eliminations represent transactions among the companies prior to the combinations. As discussed in Note 7, the Company made an adjustment to prior period results, in accordance with APB No. 16, to reflect changes to the valuation reserve at FirstSense related to deferred tax assets.

F-10

40

(4) LINE OF CREDIT, TERM LOAN AND SUBORDINATED DEBENTURE

Prior to the Company's acquisition of FirstSense, FirstSense had a revolving line of credit (the Revolving Loan) and a term loan (the Term Loan) with a bank. At December 31, 1999 borrowings of \$0 and \$298,567 were outstanding under the Revolver Loan and the Term Loan, respectively. Immediately following the acquisition, the Company repaid all amounts due and the related agreements terminated.

FirstSense also entered into a subordinated debt agreement with another lender in July 1999. Under the terms of this agreement, FirstSense borrowed \$3,000,000 in 1999. FirstSense also granted the lender a warrant to purchase its Series B Preferred Stock. FirstSense allocated \$357,486 to the value of the warrant, based on the relative fair value of the subordinated note and warrant at the date of issuance. FirstSense was amortizing the resulting original issuance discount over the life of the subordinated note. As of December 31, 1999, the unamortized original issue discount was \$297,984. Immediately following the acquisition, the Company repaid all amounts due under this agreement; upon the early extinguishments of this debt, the Company recorded an extraordinary loss of \$216,000, net of related tax benefit of \$72,000 in fiscal 2000.

Pursuant to the terms of the related warrant agreement, certain of the warrant's terms did not become fixed until the Company's acquisition of FirstSense. The Company applied the applicable provisions of SFAS No. 123, Accounting for Stock-Based Compensation, and determined that no further value should be attributed to the warrant. Concurrent with the closing of the acquisition, the warrant holder exercised the warrant.

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

(5) STOCK OPTION PLANS

The Company maintains several equity award plans (the Plans) under which it may issue options to purchase up to 4,982,310 shares of common stock, of which 1,402,312 options are available for grant as of December 31, 2000. Incentive stock options may be granted under the 1997 Stock Plan at an exercise price not less than the fair market value per share of common stock on the date of grant, as determined by the Board. The price per share relating to each nonqualified option granted under the Plans shall not be less than the lesser of (i) the book value per share of common stock as of the end of the Company's fiscal year immediately preceding the date of grant or (ii) 50% of the fair market value per share of common stock on the date of grant. Vesting of the options is determined by the Board, and the options expire five to ten years from the date of grant.

In accordance with SFAS No. 123, the Company accounts for stock-based compensation for employees under APB Opinion No. 25 and has elected the disclosure-only alternative under SFAS No. 123 for options granted using the Black-Scholes option pricing model prescribed by SFAS No. 123.

The weighted average fair value per share of options granted during 2000, 1999 and 1998 was \$17.51, \$44.24 and \$25.85, respectively. The weighted average assumptions are as follows:

	Year ended December 31,		
	2000	1999	1998
Risk-free interest rate	6%	6%	6%
Expected dividend yield	0%	0%	0%
Expected lives	7 years	7 years	7 years
Expected volatility	190%	82%	80%

Had compensation cost for these plans been determined consistent with SFAS No. 123, the Company's net income (loss) and basic, diluted and pro forma diluted net income (loss) per common and potential common share would have been as follows:

F-11

41

	Year
	----- 2000 -----
Net income applicable to common stockholders, as reported	\$ 1,126,296 =====
Net (loss) income applicable to common stockholders, pro forma	\$(21,591,052) =====
Net income per share available to common stockholders, as reported	

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Basic	\$	0.07
	=====	
Diluted	\$	0.07
	=====	
Pro forma diluted	\$	0.07
	=====	
Net (loss) income per share available to common stockholders, pro forma		
Basic	\$	(1.34)
	=====	
Diluted	\$	(1.34)
	=====	
Pro forma diluted	\$	(1.34)
	=====	

Because the method prescribed by SFAS No. 123 has not been applied to options granted prior to January 1, 1995, the resulting pro forma compensation may not be representative of that to be expected in future years.

The following table summarizes information about options outstanding and exercisable at December 31, 2000:

Range of Exercise Price	Options Outstanding			Options Exercisable	
	Number Outstanding	Weighted Average Remaining Contractual Life	Weighted Average Exercise Price per Share	Number Outstanding	Weighted A Exercise per Sh
\$0.10 - 4.10	245,025	5.65	\$ 1.90	154,156	\$ 1.
4.53 - 6.69	795,648	6.23	6.65	17,436	5.
6.90 - 21.56	527,552	6.38	18.35	154,616	18.
21.63 - 26.19	473,114	6.57	24.31	122,388	23.
26.44 - 35.50	158,031	7.01	31.00	18,433	32.
35.75 - 36.91	632,091	6.67	36.90	209,778	36.
37.25 - 52.38	252,046	6.75	44.89	57,809	46.
52.63 - 52.63	453,992	6.03	52.63	220,764	52.
53.00 - 62.03	38,499	6.68	56.65	13,853	55.
64.25 - 64.25	4,000	6.18	64.25	1,749	64.
	----- 3,579,998 =====			----- 970,982 =====	

F-12

42

The following table summarizes the activity under the stock options plans for the three-year period ended December 31, 2000.

Number of Shares	Price per Share	Weighted Average Price per Share
-----	-----	-----

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Outstanding at December 31, 1997	2,221,900	\$ 0.10 - 22.06	\$ 2.68
Granted	658,112	0.57 - 56.75	20.51
Exercised	(984,707)	0.10 - 21.38	0.98
Terminated	(49,126)	0.10 - 41.00	5.28
	-----	-----	-----
Outstanding at December 31, 1998	1,846,179	\$ 0.10 - 56.75	\$ 9.87
Granted	1,907,624	1.66 - 64.25	41.37
Exercised	(538,648)	0.10 - 44.38	3.79
Terminated	(112,971)	0.10 - 58.25	24.07
	-----	-----	-----
Outstanding at December 31, 1999	3,102,184	\$ 0.10 - 64.25	\$ 29.78
Granted	1,751,065	4.99 - 53.81	17.50
Exercised	(394,635)	0.10 - 36.38	3.53
Terminated	(878,616)	0.10 - 62.81	33.07
	-----	-----	-----
Outstanding at December 31, 2000	3,579,998	\$ 0.10 - 64.25	\$ 25.92
Exercisable at December 31, 2000	970,982	\$ 0.10 - 64.25	\$ 30.51
Exercisable at December 31, 1999	455,364	\$ 0.10 - 56.75	\$ 10.74
Exercisable at December 31, 1998	201,280	\$ 0.10 - 19.46	\$ 4.04
	=====	=====	=====

In 1997, the Company granted one officer and one director options to purchase in total 143,750 shares of common stock at an exercise price of \$1.90 per share. At the date of grant, the estimated fair value per share of the Company's common stock exceeded the exercise price of the options and, accordingly, the Company has recorded deferred compensation of \$191,875 related to this difference at the date of grant. Prior to the Company's acquisition of FirstSense, FirstSense recorded deferred compensation of \$150,274, \$3,417,025 and \$484,500 in 2000, 1999 and 1998 respectively, representing the difference between the exercise price of stock options granted and the estimated fair market value of the underlying common stock at the date of grant. The difference is recorded as a reduction of stockholders' equity and is being amortized over the vesting period of applicable options, typically four years. Including amounts applicable to prior Company grants, the Company amortized \$812,333, \$547,170 and \$125,156 in 2000, 1999 and 1998, respectively.

The amortization of deferred compensation is recorded as an operating expense. Additionally, the Company reversed \$1,385,855 of deferred compensation in 2000 due to the forfeiture of unvested stock options upon the termination of certain employees.

The exercise price of all other options outstanding represents the fair market value per share of common stock as of the date of grant.

(6) REDEEMABLE CONVERTIBLE PREFERRED STOCK

Prior to the combination with the Company, FirstSense had issued Series A Redeemable Convertible Preferred Stock and Series B Redeemable Convertible

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Preferred Stock. Concurrent with the acquisition of FirstSense by the Company (Note 3), the Preferred Stockholders converted all of such shares into FirstSense common stock; such common stock was then exchanged for 1,270,649 shares of the Company's common stock.

(7) INCOME TAXES

The Company accounts for income taxes in accordance with SFAS No. 109, Accounting for Income Taxes. This standard requires, among other things, recognition of future tax effects, measured by enacted tax rates, attributable to deductible temporary differences between the financial statement and income tax bases of assets and liabilities.

The approximate income tax effects of these temporary differences are as follows:

F-13

43

	December 31, 2000	December 31, 1999
	-----	-----
Net operating loss and federal tax credit carryforwards	\$ 9,111,000	\$ 13,121,000
Accruals not yet deductible for tax purposes	2,157,000	2,472,000
Depreciation	195,000	62,000
Deferred revenue	1,716,000	1,695,000
Capitalized research and development expenses	1,696,000	2,257,000
Other	39,000	40,000
Valuation allowance	(11,414,000)	(16,647,000)
	-----	-----
	\$ 3,500,000	\$ 3,000,000
	=====	=====

The Company has available net operating loss carryforwards of approximately \$16,837,000 and federal research and development tax credit carryforwards of approximately \$2,376,000 as of December 31, 2000 to reduce future income tax liabilities. These carryforwards are subject to review and possible adjustment by the appropriate taxing authorities and expire from 2001 through 2013 as follows:

FISCAL YEAR	NET OPERATING LOSS CARRYFORWARDS

2001.....	\$ 2,870,104
2002-2006.....	1,368,704
2007-2013.....	6,984,771
2014-2019.....	5,613,061

	\$ 16,836,640
	=====

Pursuant to the Tax Reform Act of 1986, the utilization of net operating

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

loss (NOL) carryforwards for tax purposes may be subject to an annual limitation if a cumulative change of ownership of more than 50% occurs over a three-year period. As a result of the Company's 1995 preferred stock financings, such a change in ownership has occurred. As a result of this ownership change, the use of the NOL carryforwards will be limited. The Company has determined that its initial public offering did not cause another ownership change. In addition, NOL carryforwards acquired as a result of the FirstSense acquisition are also restricted as a result of a prior ownership change of FirstSense. The Company has deferred tax assets of approximately \$14,914,000, the largest component of which is composed primarily of NOL carryforwards and research and development credits. The Company has partially reserved for these deferred tax assets by recording a valuation allowance of \$11,414,000. The net tax asset is based on the Company's estimate of NOL carryforwards it expects to use in the next two years; all other tax assets have been fully reserved.

Pursuant to paragraphs 20 to 25 of SFAS No. 109, the Company considered both positive and negative evidence in assessing the need for a valuation allowance at December 31, 1999 and 2000. The factors that weighed most heavily on the Company's decision to record a valuation allowance were (i) the substantial restrictions on the use of certain of its existing NOL and credit carryforwards and (ii) the uncertainty of future profitability.

As a result of the Company's ownership change described above, the future use of approximately \$6,577,000 of the Company's NOL carryforwards are limited to only \$330,000 per year; the substantial majority of such NOL carryforwards will expire before they can be used. The FirstSense NOL carryforwards are limited to \$4.2 million per year. Pursuant to the provisions of SFAS No. 109, the Company used all of its remaining unrestricted NOL and credit carryforwards in computing the 1998 tax provision. As a part of the restatement of the Company's 1999 financial statements to reflect the FirstSense acquisition, the Company determined that approximately \$3.0 million of valuation allowance previously recorded by FirstSense prior to the acquisition was not necessary, given the Company's estimates of future taxable income. Accordingly, pursuant to SFAS No. 109, the Company recorded an asset and reduced its provision for income taxes in the periods in which such NOL carryforwards were generated by FirstSense. The Company is also subject to rapid technological change, competition from substantially larger competitors, a limited family of products and other related risks, as more thoroughly described in the "Risk Factors" section. As a result, the Company found the evidence described above to be the most reliable objective evidence available in determining that a valuation allowance against its tax assets would be necessary.

The Company's NOL deferred tax asset includes approximately \$3,750,000 pertaining to the benefit associated with the exercise and subsequent disqualifying disposition of incentive stock options by the Company's employees. When and if the Company realizes this asset, the resulting change in the valuation allowance will be credited directly to additional paid-in capital, pursuant to the provisions of SFAS No. 109.

F-14

44

The Company received a tax benefit of approximately \$469,000, \$4.9 million and \$500,000 in 2000, 1999 and 1998, respectively, pursuant to the exercise of employee stock options. The Company recorded this benefit as a component of additional paid-in capital.

The Components of the Company's tax provision (benefit) are as follows:

Year ended December 31,

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

	2000	1999	1998
Current			
Federal	\$ 730,000	\$ 4,194,500	\$ 399,450
State	145,000	1,398,203	133,150
Total current	875,000	5,592,703	532,600
Deferred			
Federal	(375,000)	(980,404)	(1,138,815)
State	(125,000)	(326,790)	(379,607)
Total deferred	(500,000)	(1,307,194)	(1,518,422)
Total income tax provision (benefit) ..	\$ 375,000	\$ 4,285,509	\$ (985,822)

A reconciliation of the statutory federal tax rate to the Company's effective rate is as follows:

	Year ended December 31,		
	2000	1999	1998
Statutory rate	34.0%	34.0%	34.0%
State tax rate, net of federal benefit ...	4.7	4.6	4.0
Research and development tax credits	(76.3)	(6.3)	(18.2)
Benefit associated with the foreign sales corporation	(18.7)	(1.3)	--
Untaxed S-Corporation earnings	--	(3.5)	(1.9)
Non-deductible travel, meals and Entertainment	8.7	2.3	19.5
Non-deductible transaction costs	81.1	5.2	--
Change in valuation allowance	(15.7)	(5.1)	(58.6)
Other	7.2	11.0	1.9
	25.0%	40.9%	(19.3%)

F-15

45

(8) COMMITMENTS AND CONTINGENCIES

(a) Leases

The Company leases its facilities and certain equipment under lease agreements expiring through June 2007. The Company's remaining lease commitments

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

for all leased facilities and equipment with an initial or remaining term of at least one year are as follows:

	AMOUNT
2001.....	\$ 3,776,018
2002.....	3,191,352
2003.....	3,203,714
2004.....	3,055,357
2005.....	2,944,028
Thereafter	2,337,604
	\$ 18,508,073
	=====

Rent expense was approximately \$2.8 million, \$2.6 million and \$549,000 for the years ended December 31, 2000, 1999 and 1998, respectively.

(b) Royalties

The Company has entered into several software license agreements that provide the Company with exclusive worldwide licenses to distribute or utilize certain patented computer software. The Company is required to pay royalties on all related sales. Under one software license agreement, as amended, the Company was obligated to make minimum quarterly royalty payments from 1995 through 1999. The minimum payments are noncancelable and nonrefundable, but any minimum payments in excess of amounts due for actual license sales in any quarter may be used as a credit against future royalty fees in excess of the specified minimum payments. The minimum royalty payments were paid in full in 1999. Royalty expense under royalty agreements was approximately \$300,000, \$1.0 million and \$665,000 for the years ended December 31, 2000, 1999 and 1998, respectively.

(c) Legal Proceedings

From time to time, the Company may be exposed to litigation relating to its products and operations. The Company is not engaged in any legal proceedings that are expected, individually or in the aggregate, to have a material adverse effect on the Company's financial conditions or results of operations.

(9) ACCRUED EXPENSES

Accrued expenses consist of the following:

	December 31, 2000	December 31, 1999
Payroll and payroll-related.....	\$ 4,430,328	\$ 3,181,908
Royalties.....	152,433	569,656
Deferred rent.....	1,139,231	456,957
Loss on lease abandonment.....	167,520	700,000
Marketing related accruals.....	644,611	337,829
Other.....	4,574,798	4,997,559
	\$ 11,108,921	\$ 10,243,909
	=====	=====

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

(10) EMPLOYEE BENEFIT PLAN

The Company maintains an employee benefit plan under Section 401(k) of the Internal Revenue Code covering all eligible employees, as defined. The Plan allows for employees to defer a portion of their salary up to 15% of pretax compensation. The Company accrued a \$200,000 discretionary contribution to the plan in 2000; no such contributions were made in 1999 or 1998.

F-16

46

(11) VALUATION AND QUALIFYING ACCOUNTS

The following table sets forth activity in the Company's accounts receivable reserve account:

	BALANCE AT BEGINNING OF YEAR -----	CHARGES TO EXPENSES -----	DEDUCTIONS -----	BALANCE AT END OF YEAR -----
1998.....	\$ 280,116	\$ 182,944	\$ --	\$ 463,060
1999.....	\$ 463,060	\$ 508,430	\$ --	\$ 971,490
2000.....	\$ 971,490	\$ 756,000	\$ (201,525)	\$ 1,525,965

(12) SEGMENT REPORTING AND INTERNATIONAL INFORMATION

The Company follows the provisions of SFAS No. 131, Disclosures about Segments of an Enterprise and Related Information. SFAS No. 131 establishes standards for reporting information regarding operating segments in annual financial statements and requires selected information for those segments to be presented in interim financial reports issued to stockholders. SFAS No. 131 also establishes standards for related disclosures about products and services and geographic areas. Operating segments are identified as components of an enterprise about which separate discrete financial information is available for evaluation by the chief operating decision maker, or decision making group, in making decisions on how to allocate resources and assess performance. The Company's chief decision making group, as defined under SFAS 131, is the Executive Management Committee.

The following table presents the revenue by major geographical regions:

	Year ended December 31,		
(in thousands)	2000 -----	1999 -----	1998 -----
United States.....	\$ 62,015	\$ 54,924	\$ 34,469
Europe.....	17,290	9,084	5,582
Rest of the World...	12,179	4,812	1,918

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Total.....	----- \$ 91,484 =====	----- \$ 68,820 =====	----- \$ 41,969 =====
------------	-----------------------------	-----------------------------	-----------------------------

No one country, except the United States, accounts for greater than 10% of total revenues. Substantially all of the Company's assets are located in the United States.

The Company's reportable segments are determined by customer type: service providers/telecommunications companies (SP/T) and enterprise. The accounting policies of the segments are the same as those described in Note 1. The Executive Management Committee evaluates segment performance based on revenue. Accordingly, all expenses are considered corporate level activities and are not allocated to segments. Also, the Executive Management Committee does not assign assets to these segments.

The table presents the revenue by reportable segment:

(in thousands)	Year ended December 31,		
	----- 2000 -----	----- 1999 -----	----- 1998 -----
SP/T.....	\$ 40,219	\$ 18,620	\$ 11,248
Enterprise.....	51,265	50,200	30,721
Total.....	----- \$ 91,484 =====	----- \$ 68,820 =====	----- \$ 41,969 =====

(13) ASSET IMPAIRMENT CHARGE

The Company acquired a \$3 million equity interest in Broadband Investment Group (Broadband) in September 2000 in exchange for Company products and services. In November 2000, Broadband publicly announced that it was ceasing operations and liquidating its remaining assets. As a result, Company recorded a charge for approximately \$2.3 million to write off its investment in Broadband

F-17

47

following its inability to raise additional capital due to unfavorable market conditions. The remainder of the carrying value of Broadband's investments was reversed against related deferred revenue for services not yet rendered.

(14) SUPPLEMENTAL FINANCIAL DISCLOSURE

Unaudited (in thousands, except per share amounts)	Q1-00 -----	Q2-00 -----
Revenue.....	\$ 19,268	\$ 22,810
Gross profit.....	16,912	20,165
(Loss) income before extraordinary items.....	(2,386)	3,828

Per common and potential common share:

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Revenue	\$ 1.25	\$ 1.36
Gross profit.....	1.10	1.20
(Loss) income before extraordinary items.....	(0.15)	0.23

Unaudited (in thousands, except per share amounts)	Q1-99	Q2-99
	-----	-----
Revenue.....	\$ 14,408	\$ 15,926
Gross profit.....	12,619	13,930
Income before extraordinary items.....	1,096	1,423

Per common and potential common share:

Revenue.....	\$ 0.85	\$ 0.94
Gross profit.....	0.74	0.82
Income before extraordinary items.....	0.06	0.08

F-18

48

CONCORD COMMUNICATIONS, INC.

FORM 10-K, December 31, 2000

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 this 21st day of March 2001.

Concord Communications, Inc.

/s/ Melissa H. Cruz

 Name: Melissa H. Cruz
 Title: Executive Vice President, Business Services
 Chief Financial Officer and Treasurer
 (Principal Financial and
 Accounting Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

SIGNATURE	TITLE
-----	-----
/s/ John A. Blaeser	Chief Executive Officer,
-----	President and Director
JOHN A. BLAESER	(Principal Executive Officer)
/s/ Melissa H. Cruz	Executive Vice President, Business Services,
-----	Chief Financial Officer and Treasurer,
MELISSA H. CRUZ	(Principal Financial and

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

Accounting Officer)

/s/ Frederick W.W. Bolander Director

FREDERICK W.W. BOLANDER

/s/ Richard M. Burnes, Jr Director

RICHARD M. BURNES, JR.

/s/ Robert C. Hawk Director

ROBERT C. HAWK

/s/ John Robert Held Director

JOHN ROBERT HELD

/s/ Deepak Kamra Director

DEEPAK KAMRA

/s/ Robert M. Wadsworth. Director

ROBERT M. WADSWORTH

49

EXHIBIT INDEX

The following designated exhibits are either filed herewith or, where information is provided under the SEC Document Reference heading corresponding to such exhibit, incorporated by reference to such filing.

EXHIBIT NO.	DESCRIPTION	SEC DOCUMENT REFERENCE
3.01	Restated Articles of Organization of the Company	Exhibit No. 3.01 on Form December 31, 1997
3.02	Restated By-laws of the Company	Exhibit No. 3.02 on Form December 31, 1998
10.01	Working Capital Loan Agreement between the Company and Silicon Valley Bank dated April 3, 1997	Exhibit No. 10.01 to Reg (No. 333-33227)
10.02	Revolving Promissory Note made by the Company in favor of Silicon Valley Bank	Exhibit No. 10.02 to Reg (No. 333-33227)
10.03	Equipment Line of Credit Letter Agreement between the Company and Fleet Bank dated as of June 9, 1997	Exhibit No. 10.03 to Reg (No. 333-33227)
10.04	1995 Stock Plan of the Company	Exhibit No. 10.04 to Reg (No. 333-33227)
10.05	1997 Stock Plan of the Company	Exhibit No. 10.01 on Form 30, 1998
* 10.06	1997 Stock Plan of the Company, as amended on March 12, 1998, March 1, 1999, May 15, 1999 and March 8, 2000	

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

10.07	1997 Employee Stock Purchase Plan of the Company	Exhibit No. 10.06 to Reg (No. 333-33227)
* 10.08	1997 Non-Employee Director Stock Option Plan of the Company, as amended on March 8, 2000	
10.09	The Profit Sharing/401(k) Plan of the Company	Exhibit No. 10.08 to Reg (No. 333-33227)
10.10	Lease Agreement between the Company and John Hancock Mutual Life Insurance Company dated March 17, 1994, as amended on March 25, 1997	Exhibit No. 10.09 to Reg (No. 333-33227)
10.11	First Amendment to Lease Agreement between the Company and John Hancock Mutual Life Insurance Company dated March 25, 1997	Exhibit No. 10.10 to Reg (No. 333-33227)
10.12	Form of Indemnification Agreement for directors and officers of the Company	Exhibit No. 10.11 to Reg (No. 333-33227)
10.13	Restated Common Stock Registration Rights Agreement between the Company and certain investors dated August 7, 1986	Exhibit No. 10.12 to Reg (No. 333-33227)
10.14	Amended and Restated Registration Rights Agreement between the Company and certain investors dated December 28, 1995	Exhibit No. 10.13 to Reg (No. 333-33227)
10.15	Management Change in Control Agreement between the Company and John A. Blaeser dated as of August 7, 1997	Exhibit No. 10.14 to Reg (No. 333-33227)
10.16	Management Change in Control Agreement between the Company and Kevin J. Conklin dated as of July 23, 1997	Exhibit No. 10.15 to Reg (No. 333-33227)
10.17	Management Change in Control Agreement between the Company and Ferdinand Engel dated as of July 23, 1997	Exhibit No. 10.16 to Reg (No. 333-33227)
10.18	Management Change in Control Agreement between the Company and Gary E. Haroian, dated as of July 23, 1997	Exhibit No. 10.17 to Reg (No. 333-33227)
10.19	Management Change in Control Agreement between the Company and Melissa H. Cruz dated as of June 12, 2000	Exhibit No. 10.18 to Cur August 14, 2000
10.20	Management Change in Control Agreement between the Company and Daniel D. Phillips, Jr. dated as of July 23, 1997	Exhibit No. 10.18 to Reg (No. 333-33227)
10.21	Stock Option Agreement dated January 1, 1996 between the Company and John A. Blaeser	Exhibit No. 10.19 to Reg (No. 333-33227)
10.22	Stock Option Agreement dated January 1, 1996 between the Company and John A. Blaeser	Exhibit No. 10.20 to Reg (No. 333-33227)
10.23	Letter Agreement between the Company and Silicon Valley Bank dated March 25, 1996 together with the Loan Modification Agreement dated November 14, 1996	Exhibit No. 10.21 to Reg (No. 333-33227)

Edgar Filing: CONCORD COMMUNICATIONS INC - Form 10-K

10.24	Form of Shrink-Wrap License	Exhibit No. 10.22 to Reg (No. 333-33227)
10.25	Agreement and Plan of Reorganization dated as of October 19, 1999 by and among Concord Communications, Inc., E Acquisition Corp., Empire Technologies, Inc. and the stockholders of Empire Technologies, Inc.	Exhibit No. 2.1 to Curre November 12, 1999
10.26	Agreement and Plan of Reorganization dated as of January 20, 2000 by and among Concord Communications, Inc., F Acquisition Corp., and FirstSense Software, Inc.	Exhibit No. 2.1 to Curre February 10, 2000
10.27	Registration Rights Agreement dated as of February 4, 2000 by and among Concord Communications, Inc. and Timothy Barrows, as Securityholder Agent	Exhibit No. 99.1 to Curr February 10, 2000
*	10.28	2000 Non-Executive Employee Equity Incentive Plan
*	21.01	Subsidiaries of the Company
*	23.01	Consent of Arthur Andersen LLP
*	23.02	Consent of KPMG LLP
	* filed herewith	