

U. S. Securities and Exchange Commission  
WASHINGTON, D.C. 20549

FORM 10-KSB

ANNUAL REPORT UNDER SECTION 13 OR 15(D) OF THE  
SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2003.

TRANSITION REPORT UNDER SECTION 13 OR 15(D) OF THE  
SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_.

Commission File Number: 1-14896

NETWORK-1 SECURITY SOLUTIONS, INC.  
(Name of small business issuer in its Charter)

DELAWARE                      11-3027591  
(State or other jurisdiction      (IRS Employer  
of incorporation)              Identification Number)

445 PARK AVENUE, SUITE 1028  
NEW YORK, NEW YORK 10022  
(Address of Principal Executive Offices)

Issuer's telephone number : (212) 829-5770

Securities registered under Section 12(b) of the Exchange Act:

Title of each class	Name of each exchange on which registered
Common Stock, \$.01 par value	None

Securities registered under Section 12(g) of the Exchange Act:

None

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

Check if there is no disclosure of delinquent filers in response to Item 405 of Regulation S-B contained in this form, and no disclosure will 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-KSB or any amendment to this Form 10-KSB.

The issuer's revenues for its most recent fiscal year: \$218,000.

The aggregate market value of the voting common stock of the registrant held by non-affiliates computed by reference to the price at which the stock was sold on March 31, 2004 was approximately \$1,554,094 (after giving effect to the exchange of all convertible preferred stock for common stock completed on April 13, 2004).

The number of shares of Common Stock outstanding as of April 13, 2004 was 15,012,576.

Transitional Small Business Disclosure Format (Check One): Yes  No

PART I

THIS ANNUAL REPORT ON FORM 10-KSB CONTAINS CERTAIN STATEMENTS WHICH ARE FORWARD-LOOKING STATEMENTS WITHIN THE MEANING OF THE SAFE HARBOR PROVISIONS OF SECTION 27A OF THE SECURITIES ACT OF 1933, AS AMENDED, AND SECTION 21E OF THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED. ACTUAL RESULTS, EVENTS AND CIRCUMSTANCES (INCLUDING FUTURE PERFORMANCE, RESULTS AND TRENDS) COULD DIFFER MATERIALLY FROM THOSE SET FORTH IN SUCH STATEMENTS DUE TO VARIOUS RISKS AND UNCERTAINTIES, INCLUDING BUT NOT LIMITED TO, THOSE DISCUSSED IN THE SECTION ENTITLED "RISK FACTORS THAT MAY AFFECT FUTURE RESULTS" IN ITEM 1 OF THIS REPORT AS WELL AS THOSE RISKS DISCUSSED ELSEWHERE IN THIS REPORT.

## ITEM 1. DESCRIPTION OF BUSINESS.

### BACKGROUND

During the period June 1995 until December 2002, Network-1 Security Solutions, Inc. (the "Company") developed, marketed, licensed and supported security software products designed to prevent unauthorized access to information residing on an enterprise's data network. In December 2002, the Company discontinued offering its security software product line as it was unable to achieve sufficient product revenue to support the expenses of such operations. Thereafter, the Company sought a new business either through a merger or other strategic transaction. In May 2003, the Company completed the sale of its security software technology and related intellectual property to an unaffiliated third party for \$415,000. In November 2003, the Company acquired a portfolio of telecommunications and data networking patents. As part of its new business, the Company is pursuing licensing opportunities related to the technologies covered by the patent portfolio. Provided below is a description of the Company's current business and its business activities during the year ended December 31, 2003.

### OVERVIEW

The principal business of the Company is the acquisition, development, licensing and protection of its intellectual property. The Company presently owns six patents covering various telecommunications and data networking technologies. The Company is pursuing licensing and strategic business alliances with companies in the industries that manufacture and sell products that make use of the technologies underlying its patents as well as with other users of the technology who benefit directly from the technology including corporate, educational and governmental entities.

On November 18, 2003, the Company acquired a portfolio of telecommunications and data networking patents (the "Patent Portfolio") from Merlot Communications, Inc., a broadband communications solutions provider. In February 2004, following the acquisition of the Patent Portfolio and its review of applicable markets, the Company commenced initial efforts to license its Patent Portfolio. The Patent Portfolio consists of six patents issued by the U.S. Patent Office that relate to various telecommunications

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and data networking technologies and includes, among other things, patents covering the transmission of audio, video and data over computer and telephony networks and the delivery of power over Ethernet networks for the purpose of remotely powering network devices.

### THE PATENTS

The Company's Patent Portfolio consist of the following patents:

U.S. Patent No. 6,577,631: Communication switching module for the transmission and control of audio, video, and computer data over a single network fabric;

U.S. Patent No. 6,574,242: Method for the transmission and control of audio, video, and computer data over a single network fabric;

U.S. Patent No. 6,570,890: Method for the transmission and control of audio, video, and computer data over a single network fabric using Ethernet packets;

U.S. Patent. No. 6,539,011: Method for initializing and allocating bandwidth in a permanent virtual connection for the transmission and control of audio, video, and computer data over a single network fabric;

U.S. Patent No. 6,218,930: Apparatus and method for remotely powering access equipment over a 10/100 switched Ethernet network; and

U.S. Patent No. 6,215,789: Local area network for the. transmission and control of audio, video, and computer data

The Company's future success is largely dependent upon its proprietary technologies and its ability to protect its intellectual property rights. The complexity of patent and common law, combined with the Company's limited resources, create risk that its efforts to protect its proprietary technologies may not be successful. The Company cannot be assured that its patents will be upheld, or that third parties will not invalidate its patents. In March 2004, PowerDsine Inc. commenced litigation against the Company seeking, among other things, a declaratory judgement that the Company's patent covering remote

delivery of power over Ethernet cables (U.S. Patent No. 6,218,930) is invalid (See "Risk Factors - We Face Uncertainty As To The Outcome of Litigation with PowerDsine" and Item 3. Legal Proceedings).

In February 2004, the Company initiated its licensing efforts relating to its patent (U.S. Patent No. 6,218,930) covering the remote delivery of power over Ethernet cables (the "Remote Power Patent"). As of March 31, 2004, the Company transmitted letters to approximately 80 companies offering licenses to the Remote Power Patent. To date the Company has not entered into any license agreements with third parties with respect to its Remote Power Patent.

The Company was incorporated under the laws of the State of Delaware in July 1990. The Company's offices are located at 445 Park Avenue, Suite 1028, New York, New York 10022 and its telephone number is (212) 829-5770.

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## HISTORICAL BUSINESS

From June 1995 until December 2002, the Company developed, marketed, licensed and supported a suite of security software products designed to prevent unauthorized access to critical information residing on networked servers, desktops and laptops. In May 2003, the Company completed the sale of its security software technology and related intellectual property to an unaffiliated foreign corporation for an aggregate consideration of \$415,000.

## MARKET OVERVIEW

Management has determined that the Company's initial licensing efforts will be focused on its Remote Power Patent. U.S. Patent No. 6,218,930 relates to several technologies which describe a methodology for remotely powering devices on an Ethernet network. The Remote Power Patent application was filed on March 11, 1999 and the patent was granted by the U.S. Office of Patent and Trademark on April 21, 2001. The Remote Power Patent expires on March 11, 2019.

The Institute of Electrical and Electronic Engineers (IEEE) is a non-profit, technical professional association of more than 360,000 individual members in approximately 175 countries. The Standards Association of the IEEE is responsible for the creation of global industry standards for a broad range of technology industries. In 1999, at the urging of several industry vendors, the IEEE formed a task force to facilitate the adoption of a standardized methodology for the delivery of remote power over Ethernet networks which would insure interoperability among vendors of switches and terminal devices. On June 13, the IEEE Standards Association approved the 802.3af Power Over Ethernet standard (the "Standard"), which covers technologies deployed in delivering power over Ethernet cables including whether deployed in switches or as standalone midspan hubs both of which provide power to remote devices such as wireless access point, IP phones and network based cameras. The technology is commonly referred to as Power Over Ethernet ("PoE"). The Company believes its Remote Power Patent covers several of the key technologies covered by the Standard.

Ethernet is the leading local area networking technology in use today. PoE technology allows for the delivery of power over Ethernet cables rather than by separate power cords. As a result, a variety of network devices, including IP telephones, wireless LAN Access Points, web-based network security cameras, data collection terminals and other network devices, will be able to receive power over existing data cables without the need to modify the existing infrastructure to facilitate the provision of power for such devices through traditional AC outlets. Advantages such as lower installation costs, remote management capabilities, lower maintenance costs, centralized power backup, and flexibility of device location as well as the advent of worldwide power compatibility create the possibility of POE becoming widely adopted in networks throughout the world.

The benefits of PoE are compelling as evidenced by the introduction of products by such leading vendors as 3Com, Seimens, Nortel Networks and Avaya, as well as many others. In February 2004, Cisco Systems, Inc., the world's largest network switch manufacturer, announced that all of its switches will be PoE enabled in 2004.

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PowerDsine, Inc., the world's leader in PoE technology and a founding member of the IEEE Task Force that developed the Standard, and Motorola, Inc., have announced a partnership to develop chip-based POE solutions thereby reducing cost and the number of components necessary to deliver manufacture Standard compliant products.

The Company believes the cost savings as well as the other benefits that can be realized by utilizing the technology contained in the Remote Power Patent

will be of significant importance to the growth of the Wireless Local Area Networking (WLAN) industry and Voice Over IP Telephony (VOIP) industry. According to In-Stat/MDRs, a market research firm, purchases of wireless hardware, including Access Points for IEEE 802.11b/g (Wi-Fi) networks, reached \$2.2 billion in 2002 and are expected to exceed \$3.9 billion by 2006. In addition, In-Stat/MDR also estimated that units sold will rise from 18 million to 75 million in 2006, which suggests that the cost of deploying wireless will continue to fall as demand for wireless technologies continues to grow.

The VOIP market is currently one of the fastest growing segments in the telecommunications industry. VOIP traffic has steadily increased over the last several years and is being deployed by service providers and carriers worldwide. IDC, a market research firm, estimates that worldwide IP telephone unit sales are set to grow from 1.5 million units in 2003 to nearly 5 million units in 2007.

The Company also owns five (5) additional patents covering various methodologies that provide for allocating bandwidth and establishing Quality of Service for delay sensitive data, such as voice, on packet data networks. Quality of Service issues become important when data networks carry packets that contain audio and video which may require priority over data packets traveling over the same network. Covered within these patents are also technologies that establish bi-directional communications control channels between network-connected devices in order to support advanced applications on traditional data networks. The Company believes that potential licensees of the technologies contained in these patents would be vendors deploying applications that require the low latency transport of delay sensitive data such as video over data networks.

#### NETWORK-1 STRATEGY

The Company's strategy is to capitalize on its Patent Portfolio through entering into licensing arrangements with third parties including manufacturers and users that utilize the Patent Portfolio's proprietary technologies as well as any additional proprietary technologies covered by patents which may be acquired by the Company in the future.

The Company does not anticipate manufacturing products utilizing the Patent Portfolio or any of the proprietary technologies contained in the Patent Portfolio. Accordingly, the Company does not anticipate establishing a manufacturing, sales or marketing infrastructure. Consequently, the Company believes that its capital requirements will be less than the capital requirements for companies with such infrastructure requirements.

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In connection with the Company's activities relating to the protection of its Patent Portfolio, it may be necessary to assert patent infringement claims against third parties that the Company believes are infringing its Patent Portfolio. Such litigation may be costly and based on the Company's current limited financial resources, it may not be able to pursue litigation as aggressively as companies with substantially greater financial resources.

#### MARKETING AND DISTRIBUTION

In February 2004, the Company commenced licensing efforts for its Remote Power Patent. The Company believes that potential licensees include, among others, Wireless Local Area Networking (WLAN) equipment manufacturers, Wireless Internet Service Providers (WISPs), Local Area Networking (LAN) equipment manufacturers, Voice Over IP Telephony (VOIP) equipment manufacturers, and Network Camera manufacturers. In addition, the Company believes that additional potential licensees include users of the equipment embodying the PoE technology covered by its Remote Power Patent, including corporate, educational and federal, state and local government users, as they are significant beneficiaries of the technologies covered by the Remote Power Patent. As of March 31, 2004, the Company transmitted letters to approximately 80 companies offering licenses to the Remote Power Patent.

#### COMPETITION

The telecommunications and data networking licensing market is characterized by intense competition and rapidly changing business conditions, customer requirements and technologies. The Company's current and potential competitors have longer operating histories, greater name recognition and possess substantially greater financial, technical, marketing and other competitive resources than the Company. Although Management believes that the Company has enforceable patents relating to telecommunications and data networking, there can be no assurance that the Patent Portfolio will be upheld or that third parties will not invalidate any or all of the patents in the Patent Portfolio. In addition, the Company's current and potential competitors

may develop technologies that may be more effective than the Company's proprietary technologies or that would render the Company's technologies less marketable or obsolete. The Company may not be able to compete successfully.

In addition, other companies may develop competing technologies that offer better or less expensive alternatives to PoE and the other technologies covered by the Patent Portfolio. Several companies have notified the IEEE that they may have patents and proprietary technologies that are covered by the Standard. In the event any of those companies assert claims relating to its patents, the licensing royalties available to the Company may be limited. Moreover, technological advances or entirely different approaches developed by one or more of its competitors or adopted by various standards groups could render the Company's Remote Power Patent obsolete, less marketable or unenforceable.

#### EMPLOYEES AND CONSULTANTS

As of March 31, 2004, the Company had one employee and one consultant.

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#### RISK FACTORS THAT MAY AFFECT FUTURE RESULTS

The Company operates in a highly competitive environment that involves a number of risks, some of which are beyond the Company's control. The following discussion highlights the most material of the risks.

#### WE HAVE A HISTORY OF LOSSES, NO REVENUE FROM CURRENT OPERATIONS AND WE MAY NOT BE ABLE TO CONTINUE OUR OPERATIONS IN THE FUTURE.

We have incurred substantial operating losses since our inception, which has resulted in an accumulated deficit of \$(41,036,000) as of December 31, 2003. For the years ended December 31, 2003 and 2002, we incurred net losses of \$(614,000) and \$(5,905,000), respectively. Since December 31, 2003, we have continued to incur operating losses. We have financed our operations primarily from the balance of funds from sales of equity and convertible debt securities as well as the sale of our CyberWall PLUS security software technology in May 2003. Since December 2002, when we discontinued our offering of security software products, we have not had material revenue from operations. We may not have sufficient funds to continue our operations if we are unable to generate sufficient revenue from our new business of licensing our telecommunications and data networking patents.

#### WE COULD BE REQUIRED TO STOP OPERATIONS IF WE ARE UNABLE TO DEVELOP OUR TECHNOLOGY LICENSING BUSINESS OR RAISE CAPITAL WHEN NEEDED.

We anticipate, based on our currently proposed plans and assumptions relating to our operations (including the timetable of, costs and expenses associated with our continued operations), that our current cash position will more likely than not be sufficient to satisfy our operations and capital requirements until at least September 2004. There can be no assurance, however, that such funds will not be expended prior thereto. In the event our plans change, or our assumptions change or prove to be inaccurate (due to unanticipated expenses, difficulties, delays or otherwise), we could have insufficient funds to support our operations prior to September 2004. We are currently pursuing licensing opportunities for our patented technologies. However, to date we have not entered into any such licensing arrangements. In addition, even if we consummate licensing arrangements, such agreements may not result in sufficient cash to support our operations or achieve material revenues or profitability. Since we do not anticipate material revenues from our licensing business in the near term, we intend to make efforts to raise capital during the second or third quarter of 2004 to continue to fund our operations. We have no current arrangements with respect to any additional financing. Consequently, there can be no assurance that any additional financing will be available to the Company when needed, on commercially reasonable terms or at all. Our inability to consummate licensing arrangements and derive revenues therefrom on a timely basis or obtain additional financing when needed would have a material adverse effect on the Company, requiring us to curtail or possibly cease our operations. In addition, any additional equity financing may involve substantial dilution to the interests of our then existing stockholders.

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#### WE RECENTLY ENTERED A NEW LICENSING BUSINESS AND MAY NOT BE SUCCESSFUL.

In November 2003, we entered the technology licensing business as a result of our acquisition of six patents relating to various telecommunications and data networking technologies including, among others, patents covering the transmission of audio, video and data over computer and telephony networks and the delivery of remote power over Ethernet. Accordingly we have a very limited

history in the technology licensing business upon which an evaluation of our prospects and future performance can be made. Our prospects must be considered in light of the risks, expenses and difficulties frequently encountered in the development, operation and expansion of a new business based on rapidly changing technologies in a highly specialized and competitive market. We may not be able to achieve revenues or profitable operations from our new licensing business.

#### OUR FUTURE SOURCE OF LICENSING REVENUE IS UNCERTAIN.

In February 2004, we initiated our first licensing efforts relating to the technologies in our Remote Power Patent (U.S. Patent No. 6,212,930). To date, we have not entered into any licensing agreements with third parties with respect to our patented technologies. Our inability to consummate licensing agreements and achieve revenue from our patented technologies would have a material adverse effect on our operations and our ability to continue our business. In addition, in the event we consummate license arrangements with third parties, such arrangements are unlikely to produce a stable or predictable stream of revenue in the foreseeable future. Furthermore, the success of our licensing efforts may depend upon the strength of our intellectual property rights.

#### WE FACE UNCERTAINTY AS TO THE OUTCOME OF LITIGATION WITH POWERDSINE.

On March 31, 2004, PowerDsine Inc. ("PowerDsine") commenced an action against us in the United District Court, Southern District of New York (Civil Action No. 04 CV 2502) seeking a declaratory judgment that our Remote Power Patent (U.S. Patent No. 6,218,930) is invalid and is not infringed by PowerDsine and/or its customers. PowerDsine further seeks an order permanently enjoining us (i) from making any claims to any person or entity that PowerDsine's products infringe the Remote Power Patent or contributes to infringement of the patent, (ii) from interfering with or threatening to interfere with the importation, sale, license or use of PowerDsine's PoE components or products, and (iii) from instituting or prosecuting any lawsuit or proceeding placing at issue the right of PowerDsine, its customers, licensees, successors, or assigns to import, use or sell PowerDsine's PoE components or products. We believe our Remote Power Patent is valid and that we have meritorious defenses to the action. We intend to vigorously defend the action and take whatever actions are necessary to protect our intellectual property. In the event, however, that the Court granted the declaratory judgment and our patent was determined to be invalid, such a determination would have a material adverse effect on us. Regardless of the outcome, this litigation may subject us to significant costs and diversion of management time.

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#### WE FACE INTENSE COMPETITION AND WE MAY NOT BE ABLE TO SUCCESSFULLY COMPETE.

The telecommunications and data networking licensing market is characterized by intense competition and rapidly changing business conditions, customer requirements and technologies. Our current and potential competitors have longer operating histories, greater name recognition and possess substantially greater financial, technical, marketing and other competitive resources than us. Although we believe that we have rights to enforceable patents relating to telecommunications and data networking, there can be no assurance that third parties will not invalidate any or all of our patents. In addition, our current and potential competitors may develop technologies that may be more effective than our proprietary technologies or that render our technologies less marketable or obsolete. We may not be able to compete successfully.

#### OUR MARKETS ARE SUBJECT TO RAPID TECHNOLOGICAL CHANGE AND OUR TECHNOLOGIES FACE POTENTIAL TECHNOLOGY OBSOLESCENCE.

The telecommunications and data networking technology market including, transmission of audio, video and data over computer and telephony networks and the delivery of remote power over Ethernet markets, are characterized by rapid technological changes, changing customer requirements, frequent new product introductions and enhancements, and evolving industry standards. The introduction of products embodying new technologies and the emergence of new industry standards may render our technologies obsolete or less marketable. To the extent we are able to achieve revenue in the future, such revenue will be derived from licensing our technologies based on existing and evolving industry standards.

#### OUR SUCCESS IS DEPENDENT UPON OUR ABILITY TO PROTECT OUR PROPRIETARY TECHNOLOGIES.

Our success is substantially dependent upon our proprietary technologies and our ability to protect our intellectual property rights. We currently hold 6

patents issued by the U.S. Patent Office that relate to various telecommunications and data networking technologies and include among other things, patents covering the transmission of audio, voice and data over computer and telephony networks and the delivery of remote PoE networks. We rely upon our patents and trade secret laws, non-disclosure agreements with our employees, consultants and third parties to protect our intellectual property rights. The complexity of patent and trade secret law, and common law, combined with our limited resources, create risk that our efforts to protect our proprietary technologies may not be successful. We cannot assure you that our patents will be upheld or that third parties will not invalidate our patent rights. In the event our intellectual property rights are not upheld, such an event would have a material adverse effect on our company. In addition, there is a risk that third parties may independently develop substantially equivalent or superior technologies.

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**ANY LITIGATION TO PROTECT OUR INTELLECTUAL PROPERTY OR ANY THIRD PARTY CLAIMS OF INFRINGEMENT COULD INVOLVE SUBSTANTIAL TIME AND MONEY AND COULD HAVE A MATERIAL ADVERSE EFFECT ON OUR BUSINESS.**

Our success depends on our ability to protect our intellectual property rights. Accordingly, we may be subject to third-party claims seeking to invalidate our patents. These types of claims, with or without merit, may subject us to costly litigation and diversion of management's focus. In addition, based on our limited financial resources, we may not be able to pursue litigation as aggressively as competitors with substantially greater financial resources. If third parties making claims against us seeking to invalidate our patent are successful, they may be able to obtain injunctive or other equitable relief, which effectively could block our ability to license or otherwise capitalize on our proprietary technologies. Successful litigation against us resulting in a determination that our patents are invalid, would have a material adverse effect on our company.

**DEPENDENCE UPON CEO AND CHAIRMAN.**

Our success will largely be dependent upon the personal efforts of Corey M. Horowitz, Chairman and Chief Executive Officer and Chairman of the Board of Directors. Mr. Horowitz does not currently have an employment agreement with the Company and serves as an employee-at-will. The loss of the services of Mr. Horowitz could have a material adverse effect on our business and prospects.

**DELISTING OF OUR SECURITIES FROM NASDAQ; RISKS RELATING TO LOW-PRICED STOCKS.**

On March 26, 2003 our common stock was delisted from The Nasdaq Stock Market's SmallCap Market. As a result of the delisting, an investor could find it more difficult to dispose of or to obtain accurate quotations as to the market value of our common stock. Our common stock currently trades on the over-the-counter market in the "pink sheets."

In addition, since our common stock has been delisted from trading on Nasdaq and the trading price of our common stock is below \$5.00 per share, our common stock is considered a penny stock. SEC regulations generally define a penny stock to be an equity security that is not listed on Nasdaq or a national securities exchange and that has a market value of less than \$5.00 per share, subject to certain exceptions. The SEC regulations would require broker-dealers to deliver to a purchaser of our common stock a disclosure schedule explaining the penny stock market and the risks associated with it. Various sales practice requirements are also imposed on broker-dealers who sell penny stocks to persons other than established customers and accredited investors (generally institutions). Broker-dealers must also provide the customer with current bid and offer quotations for the penny stock, the compensation of the broker-dealer and monthly account statements disclosing recent price information for the penny stock held in the customer's account. As a result of the delisting of our Common Stock from Nasdaq, investors may find it more difficult to obtain timely and accurate quotes and execute trades in our common stock.

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**THE SIGNIFICANT NUMBER OF OPTIONS AND WARRANTS OUTSTANDING MAY ADVERSELY AFFECT THE MARKET PRICE FOR OUR COMMON STOCK.**

As of March 31, 2004, there are outstanding (i) options and warrants to purchase an aggregate of 5,841,860 shares of our common stock at exercise prices ranging from \$.12 to \$10.13, and (ii) 727,630 additional shares of our common stock which may be issued in the future under our stock option plan. To the extent that outstanding options and warrants are exercised, your percentage ownership will be diluted and any sales in the public market of the common stock underlying such options may adversely affect prevailing market prices for our

common stock.

WE HAVE A SIGNIFICANT AMOUNT OF AUTHORIZED BUT UNISSUED PREFERRED STOCK, WHICH MAY AFFECT THE LIKELIHOOD OF A CHANGE OF CONTROL IN OUR COMPANY.

Our Board of Directors has the authority, without further action by the stockholders, to issue 10,000,000 shares of preferred stock on such terms and with such rights, preferences and designations as our Board of Directors may determine. Such terms may include restricting dividends on our common stock, dilution of the voting power of our common stock or impairing the liquidation rights of the holders of our common stock. Issuance of such preferred stock, depending on the rights, preferences and designations thereof, may have the effect of delaying, deterring or preventing a change in control. In addition, certain "anti-takeover" provisions in Delaware law may restrict the ability of our stockholders to authorize a merger, business combination or change of control.

#### ITEM 2. DESCRIPTION OF PROPERTY

The Company currently leases office space in New York City at a cost of \$2,700 per month. The lease is for six months with automatic renewals unless terminated upon 60 days notice.

#### ITEM 3. LEGAL PROCEEDINGS

##### PowerDsine Litigation

On March 31, 2004, PowerDsine Inc. commenced an action against the Company in the United District Court, Southern District of New York (Civil Action No. 04 CV 2502) seeking a declaratory judgment that the Company's Remote Power Patent (U.S. Patent No. 6,218,930) is not infringed by PowerDsine and/or its customers. PowerDsine further seeks an order permanently enjoining the Company (i) from making any claims to any person or entity that PowerDsine's products infringe the Remote Power Patent or contributes to infringement of the patent, (ii) from interfering with or threatening to interfere with the importation, sale, license or use of PowerDsine's PoE components or products, and (iii) from instituting or prosecuting any lawsuit or proceeding placing at issue the right of PowerDsine, its customers, licensees, successors, or assigns to import, use or sell PowerDsine's PoE components or products. The Company believes its Remote Power Patent is valid and has meritorious defenses to the action. The Company intends to vigorously defend the action and take whatever actions are necessary to protect its intellectual property. In the event, however, that

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the Court granted the declaratory judgment and the patent was determined to be invalid, such a determination would have a material adverse effect on the Company.

##### Additional Litigation

In January 2003, Richard J. Kosinski, former Chief Executive Officer, President and a director of the Company, and Murray P. Fish, former Chief Financial Officer and a director of the Company, commenced lawsuits against the Company in the Commonwealth of Massachusetts, County of Essex, Superior Court, seeking severance and bonus compensation and other benefits allegedly due them in the aggregate amount of \$400,000. In June 2003, the Company entered into a settlement agreement with Mr. Kosinski pursuant to which the Company paid Mr. Kosinski the sum of \$127,000 in full settlement of all claims asserted by him in the litigation. In addition, as part of the settlement, Mr. Kosinski agreed to forfeit options to purchase 1,200,000 shares of the Company's Common Stock. In February 2004, the Company reached an agreement in principal with Mr. Fish pursuant to which the Company has agreed to pay Mr. Fish the sum of \$55,000 in full settlement of all claims asserted by him in the litigation.

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

None



## PART II

## ITEM 5. MARKET FOR COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND SMALL BUSINESS PURCHASES OF EQUITY SECURITIES

MARKET INFORMATION. The Company's Common Stock had traded from November 12, 1998 until March 26, 2003 on the NASDAQ SmallCap Market under the symbol "NSSI." The Company's Common Stock currently trades on the over-the-counter market in the "Pink Sheets" under the symbol NSSI.PK. The following table sets forth, for the periods indicated, the range of the high and low closing bid prices for the Common Stock as reported on NASDAQ and thereafter on the "Pink Sheets". Such prices reflect inter-dealer quotations, without retail mark-up, mark-down or commission and may not necessarily represent actual transactions.

YEAR ENDED DECEMBER 31, 2003		HIGH	LOW
Fourth Quarter	\$0.22	\$0.01	
Third Quarter	\$0.04	\$0.01	
Second Quarter	\$0.06	\$0.01	
First Quarter	\$0.16	\$0.05	
YEAR ENDED DECEMBER 31, 2002		HIGH	LOW
Fourth Quarter	\$0.56	\$0.13	
Third Quarter	\$0.93	\$0.50	
Second Quarter	\$1.38	\$0.62	
First Quarter	\$2.23	\$1.26	

On March 31, 2004, the last sale price for the Common Stock as reported on the Pink Sheets was \$.25 per share. The number of record holders of the Company's Common Stock was approximately 60 as of March 31, 2004.

DIVIDEND POLICY. The Company has never declared or paid any cash dividends on its Common Stock and does not intend to declare or pay cash or other dividends in the foreseeable future. The Board of Directors currently expects to retain any future earnings, if any, for use in the operation and expansion of its business. The declaration and payment of any future dividends will be at the discretion of the Board of Directors and will depend upon a variety of factors, including future earnings, if any, operations, capital requirements, the general financial condition of the Company, the preferences of any series of Preferred Stock, the general business conditions and future contractual restrictions on payment of dividends, if any.

RECENT ISSUANCES OF UNREGISTERED SECURITIES. None.

ISSUER PURCHASES OF EQUITY SECURITIES. None.

## EQUITY COMPENSATION PLAN INFORMATION

The following table summarizes share and exercise price information about the Company's equity compensation plans as of December 31, 2003.

<TABLE><CAPTION>

<S>	NUMBER OF SECURITIES REMAINING AVAILABLE		
	NUMBER OF SECURITIES TO BE ISSUED UPON EXERCISE OF OUTSTANDING OPTIONS, WARRANTS AND RIGHTS (a)	WEIGHTED-AVERAGE EXERCISE PRICE OF OUTSTANDING OPTIONS, WARRANTS AND RIGHTS (a)	FOR FUTURE ISSUANCE UNDER EQUITY COMPENSATION PLANS (EXCLUDING SECURITIES REFLECTED IN COLUMN)
Equity compensation plans approved by security holders	3,272,370	\$0.99	727,630
Equity compensation plans not			

approved by security holders 0 -- 0

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Total	3,272,370	\$0.99	727,630
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ITEM 6. MANAGEMENT'S DISCUSSION AND ANALYSIS OR PLAN OF OPERATION

THE FOLLOWING DISCUSSION AND ANALYSIS SHOULD BE READ IN CONJUNCTION WITH THE COMPANY'S FINANCIAL STATEMENTS, INCLUDING THE NOTES THERETO, INCLUDED ELSEWHERE IN THIS FORM 10-KSB. EXCEPT FOR THE HISTORICAL INFORMATION CONTAINED HEREIN, THIS DISCUSSION CONTAINS FORWARD-LOOKING STATEMENTS THAT INVOLVE RISKS AND UNCERTAINTIES, INCLUDING, BUT NOT LIMITED TO, THOSE DISCUSSED IN THE SECTION ABOVE ENTITLED "RISK FACTORS WHICH MAY AFFECT FUTURE RESULTS" IN ITEM 1 OF THIS REPORT AS WELL AS THOSE RISKS DISCUSSED IN THIS SECTION AND ELSEWHERE IN THIS REPORT. BECAUSE SUCH STATEMENTS INVOLVE RISKS AND UNCERTAINTIES, ACTUAL RESULTS MAY DIFFER MATERIALLY FROM THOSE EXPRESSED OR IMPLIED BY SUCH FORWARD-LOOKING STATEMENTS.

OVERVIEW

From June 1995 until December 2002, the Company licensed and supported a suite of security software products designed to prevent unauthorized access to critical information residing on networked servers, desktops and laptops. In December 2002, in order to preserve cash as the Company sought a merger or other strategic transaction, the Company discontinued its products offerings, as operating expenses continued to exceed product revenues. In May 2003, the Company completed the sale of its security software technology and related intellectual property to an unaffiliated foreign corporation for an aggregate consideration of \$415,000. As a part of this sale, the Company also assigned its rights under its Distribution and License Agreement with

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FalconStor Software, Inc. ("FalconStor") pursuant to which FalconStor had the right to distribute the Company's software product offerings in its indirect and OEM channels.

On November 18, 2003, the Company acquired the Patent Portfolio from Merlot Communications, Inc., a broadband communications solutions provider. As part of its new business, the Company is pursuing licensing opportunities related to the technologies covered by the Patent Portfolio. After reviewing numerous opportunities, the Company's Board of Directors decided that the acquisition of the Patent Portfolio and the pursuit of licensing opportunities related thereto was the most attractive available alternative for its shareholders.

The Patent Portfolio consists of six patents issued by the U.S. Patent Office that relate to various telecommunications and data networking technologies and include, among other things, patents covering the transmission of audio, voice and data over computer and telephony networks and the delivery of remote power over Ethernet networks. The consideration paid by the Company to Merlot Communications, Inc. ("Merlot") for the acquisition of the Patent Portfolio consisted of a cash payment of \$100,000 and contingent future payments equal to 20% of the net income (as defined in the acquisition agreement) of the Company from the sale or licensing of the Patent Portfolio after the Company achieves \$4.0 million of net income from each patent comprising the Patent Portfolio ("Net Profit Payments"). The Company has an option to terminate the Net Profit Payments, at any time between January 1, 2007 through March 31, 2007, and from January 1 through March 31 of each year thereafter, by making payments to Merlot in an amount equal to the greater of (i) two times the payment due for the twelve month period following the notice of termination or (ii) \$3.0 million plus 10% for each additional year starting January 1, 2008. Wheatley Partners II, L.P. and its affiliates and related parties (the "Wheatley Parties"), who are principal stockholders of the Company, owned a majority of the outstanding voting stock of Merlot at the time of the Company's acquisition of the Patent Portfolio. The Wheatley Parties did not participate in the negotiation or the approval of the patent acquisition transaction by Merlot or the Company.

As of the date hereof, the Company has not entered into any license arrangements with respect to the Patent Portfolio, although it is pursuing such arrangements with third parties. The Company does not currently have any revenue from operations. The success of the Company and its ability to achieve revenue is largely dependent on its ability to consummate such licensing arrangements with third parties.

To date the Company has incurred significant losses and at December 31, 2003, had an accumulated deficit of \$(41,036,000). At March 31, 2004, the Company had approximately \$600,000 of cash and cash equivalents. Management

believes that based on its current cash position, the Company has sufficient capital to fund its operations until September 2004, although there is no assurance that the Company will not have sufficient capital prior to such date. (See "Liquidity and Capital Resources" at page 18 hereof).

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#### CRITICAL ACCOUNTING POLICIES:

##### Revenue recognition:

License revenue is recognized upon delivery of software or delivery of a required software key. License revenue from distributors or resellers is recognized as the distributor or reseller delivers software or the required software key to end users or original equipment manufacturers. Service revenues consist of maintenance and training services. Annual renewable maintenance fees are a separate component of each contract, and are recognized ratably over the contract term. Training revenues are recognized as such services are performed. Revenue from advance license fees are deferred until they are earned pursuant to the agreements.

##### Software development costs:

Costs to maintain developed programs and development costs incurred to establish the technological feasibility of computer software are expensed as incurred. The Company capitalized costs incurred in producing computer software after technological feasibility of the software has been established through the date that the software is ready for general release to customers. Such costs are amortized based on current and estimated future revenue of each product with an annual minimum equal to the straight-line amortization over the remaining estimated economic life of the product. The Company estimates the economic life of its software to be three years. At each balance sheet date, the unamortized capitalized software costs of each product are compared with the estimated net realizable value of that product and any excess capitalized costs are written-off.

##### Patents:

The Company owns a Patent Portfolio that relates to various telecommunications and data networking technologies. The Company capitalizes the costs associated with acquisition, registration and maintenance of the patents and amortizes these assets over their remaining useful lives on a straight-line basis. Any further payments made to maintain or develop the patents would be capitalized and amortized over the balance of the useful life for the patents.

##### Impairment of long-lived assets:

In accordance with Statement of Financial Accounting Standards ("SFAS") No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets", the Company records impairment losses on long-lived assets used in operations or expected to be disposed of when indicators of impairment exist and the cash flows expected to be derived from those assets are less than carrying amounts of those assets. During the year ended December 31, 2002, the Company recorded an impairment charge related to its network security software of approximately \$401,000, which has been included in amortization of software development costs. Subsequently, in May 2003, the Company sold its network security software (see Note A). The Company also reduced the carrying value of its fixed assets to their net realizable amount (see Note B[6]).

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##### Use of estimates:

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America 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.

#### RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS:

See Note B[13] on page F-10 to the Financial Statements.

#### RESULTS OF OPERATIONS

YEAR ENDED DECEMBER 31, 2003 COMPARED TO YEAR ENDED DECEMBER 31, 2002.

Revenues decreased by \$374,000 or 63%, from \$592,000 for the year ended

December 31, 2002 ("2002") to \$ 218,000 for the year ended December 31, 2003 ("2003"). Revenues during 2003 consisted of \$130,000 related to the recognition of deferred revenue with respect to the FalconStor license agreement and \$88,000 of revenues were related to the amortization of deferred maintenance revenues from customers who had elected to purchase maintenance and support contracts in earlier periods.

The cost of revenues during 2003 was \$51,000. This cost relates to one employee who provided services under the Company's maintenance and support contracts. Amortization of software development costs decreased by \$741,000 or 100%, from 2002 to 2003. Cost of licenses consists of software media (disks), documentation, product packaging, production costs and product royalties. Cost of licenses decreased by \$15,000 or 100% from 2002 to 2003. Cost of services consisted of salaries, benefits and overhead associated with the technical support of maintenance contracts. Cost of services decreased by \$196,000 or 65%, from 2002 to 2003. The decrease in the cost of revenue is directly a result of the Company's decision to discontinue its software product line in December 2002.

Gross profit was \$167,000 for 2003 compared to a gross loss of \$ 311,000 for 2002.

Product development costs consists of salaries, benefits, bonuses, travel and related costs of the Company's product development personnel, including consulting fees and the costs of computer equipment used in product and technology development. Product development expenses were \$1,599,000 for 2002. The Company made no expenditures on product development in 2003.

Sales and marketing expenses consist primarily of salaries, including commissions, benefits, bonuses, travel, advertising, public relations, consultants and trade shows. Sales and marketing expenses were \$1,831,000 in 2002. The Company had no sales and marketing expenses in 2003 as a result of its decision to discontinue its software product line in December 2002.

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General and administrative expenses include employee costs, including salary, benefits, travel and other related expenses associated with management, finance and accounting operations, and legal and other professional services provided to the Company. General and administrative expenses decreased by \$1,021,000 or 46%, from \$2,229,000 in 2002 to \$1,208,000 in 2003. The decrease in general and administrative expenses was primarily due to substantial reduction in employees following the discontinuance of the Company's software business in December 2002.

Interest income decreased by \$53,000 or 82% from \$65,000 in 2002 to \$12,000 in 2003 primarily due to a decrease in funds invested in short term instruments and reduced interest rates.

On May 30, 2003, the Company completed the sale of its CyberwallPlus technology and related intellectual property (the "Assets") and assignment of rights under the FalconStor license agreement for \$415,000. The carrying value of the Assets were written down to zero in the third quarter of 2002. The \$415,000 is included as "Gain on Sale of Assets" in the statements of operations.

No provision for or benefit from federal, state or foreign income taxes was recorded for 2002 or 2003 since the Company incurred net operating losses for each year and fully reserved its deferred tax assets as their future realization could not be determined.

As a result of the foregoing, the net loss decreased by \$5,578,00 or 92%, from \$5,905,000 for 2002 to \$614,000 for 2003.

#### LIQUIDITY AND CAPITAL RESOURCES

At December 31, 2003, the Company had \$984,000 of cash and cash equivalents and working capital of \$472,000. The Company has financed its operations primarily through sales of equity and debt securities, and the sale of its security software technology in May 2003. Net cash used in operating activities was \$4,927,000 in 2002 and \$1,360,000 in 2003. Net cash used in operating activities for 2003 was primarily attributable to the net loss of \$614,000, a decrease in accounts payable, accrued expenses and other current liabilities of \$205,000 and the recognition of deferred revenue of \$218,000.

Net cash used in investing activities during 2003 was financed with the remaining funds raised in the October 2001 financing of \$6,765,000 and \$415,000 received from the sale of its CyberwallPlus software and related intellectual property in May 2003. The Company does not currently have a line of credit from a commercial bank or other institution.

The Company anticipates, based on currently proposed plans and assumptions, relating to its operations that its cash balance of approximately \$600,000 as of March 31, 2004 will more likely than not be sufficient to satisfy the Company's operations and capital requirements until September 2004. There can be no assurance, however, that such funds will not be expended prior thereto. In the event the Company's plans change, or its assumptions change, or prove to be inaccurate (due to unanticipated

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expenses, difficulties, delays or otherwise), the Company may have insufficient funds to support its operations prior to September 2004. The Company is currently pursuing licensing opportunities for its Remote Power Patent, however, to date the Company has not entered into any such licensing arrangements. Since the Company does not anticipate material revenues from its licensing business in the near term, the Company currently intends to make efforts to raise capital during the second or third quarter of 2004. The Company has no current arrangements with respect to any additional financing. Consequently, there can be no assurance that any additional financing will be available to the Company when needed, on commercially reasonable terms or at all. The Company's inability to consummate licensing arrangements and derive revenues therefrom on a timely basis or obtain additional financing when needed would have a material adverse effect on the Company, requiring it to curtail or cease operations. In addition, any equity financing may involve substantial dilution to the stockholders of the Company.

#### ITEM 7. FINANCIAL STATEMENTS

The financial statements required hereby are located on pages F-1 through F-20 which follow Part III.

#### ITEM 8. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE.

None.

#### ITEM 8A. CONTROLS AND PROCEDURES.

##### (a) Evaluation of Disclosure Controls and Procedures.

The Company's Chief Executive Officer and Chief Financial Officer have reviewed the disclosure controls and procedures of the Company as of the end of the period covered by this Annual Report on Form 10-KSB. Based upon this review, these officers concluded that, as of the end of the period covered by this Annual Report on Form 10-KSB, the Company's disclosure controls and procedures are adequately designed to ensure that information required to be disclosed by the Company in the reports it files or submits under Securities and Exchange Act of 1934 is recorded, processed, summarized and reported, within the time periods specified in applicable rules and forms.

##### (b) Changes in Internal Controls.

There were no significant changes in the Company's internal controls or in other factors that could significantly affect these controls during the last fiscal quarter included in this report or from the end of the reporting period to the date of this Annual Report on Form 10-KSB.

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### PART III

#### ITEM 9. DIRECTORS, EXECUTIVE OFFICERS, PROMOTERS, AND CONTROL PERSONS; COMPLIANCE WITH SECTION 16(A) OF THE EXCHANGE ACT.

NAME	AGE	POSITION
---	---	-----
Corey M. Horowitz	49	Chairman and Chief Executive Officer, Chairman of the Board of Directors
David C. Kahn	52	Chief Financial Officer
Harry B. Schessel	39	Director
Robert Graifman	47	Director
Robert M. Pons	47	Director

COREY M. HOROWITZ, AGE 49, became Chairman and Chief Executive Officer

of the Company in December 2003. Mr. Horowitz has also served as Chairman of the Board of Directors of the Company since January 1996 and has been a member of the Board of Directors since April 1994. In January 2003, Mr. Horowitz also became Secretary of the Company. During the period June 2001 through December 2003, CMH Capital Management Corp. ("CMH"), an entity solely owned by Mr. Horowitz, rendered financial advisory services to the Company. Mr. Horowitz is a private investor and President and sole shareholder of CMH, a New York investment advisory and merchant banking firm, which he founded in September 1991. From January 1986 to February 1991, Mr. Horowitz was a general partner in charge of mergers and acquisitions at Plaza Securities Co., a New York investment partnership.

DAVID C. KAHN, CPA, age 52, became Chief Financial Officer of the Company in January 2004. Since December 1989, Mr. Kahn has provided accounting and tax services on a consulting basis to private and public companies. He also serves as a faculty member of Yeshiva University in New York, a position he has held since August 2000.

HARRY B. SCHELSEL, age 39, has been a director of the Company since July 2001. Since July 2002, Mr. Schessel has been a real estate developer. From July 2001 until July 2002, Mr. Schessel was employed at Kroll, Inc. ("Kroll") as the Global Practice Leader for the Information Security Group. From June 2000 to July 2001, Mr. Schessel advised security companies, including Kroll, in the areas of strategy, operations, marketing and business development and also as a consultant to investment banking firms and venture capital firms for purposes of evaluating investments in the information security industry. From March 2000 until June 2000, Mr. Schessel was Vice President of Cybersafe, Inc., a security software company. In June 1997, Mr. Schessel co-founded Centrax, Inc., a company engaged in the development and marketing of intrusion detection software, and was employed from June 1997 until its sale in March

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1999 in various capacities, including Chief Operating Officer and Executive Vice President.

ROBERT GRAIFMAN, age 47, became a director of the Company in December 2003. Mr. Graifman currently serves as Managing Member of Skyfarm Management, LLC, a New Jersey based investment management company, and also as a Managing Member of Federal Autocat Recycling, LLC, a resource reclamation and recycling Company. From June 2000 to August 2003, Mr. Graifman also served as Chief Financial Officer of Gilo Ventures, LLP, a California based venture capital firm focused on emerging technology companies.

ROBERT M. PONS, age 47, became a director of the Company in December 2003. Mr. Pons currently serves as President and Chief Executive Officer of SmartServ Online, Inc., a wireless applications service provider, (OTCBB:SSRV), a position he has held since January 2004. From August 2003 until January 2004, Mr. Pons served as Interim Chief Executive Officer of SmartServ Online, Inc. on a consulting basis. From March 1999 to August 2003, he was President of FreedomPay, Inc., a wireless device payment processing company. During the period January 1994 to March 1999, Mr. Pons was President of Lifesafety Solutions, Inc., an enterprise software company. Mr. Pons has over 20 years of management experience with telecommunications companies including MCI, Inc., Sprint, Inc. and Geotek, Inc.

COREY M. HOROWITZ and ROBERT GRAIFMAN are brothers-in-law.

#### COMMITTEES OF THE BOARD OF DIRECTORS

During 2003 Harry Schessel was the sole member of the Audit Committee. In March 2004, Robert Graifman was added to the Audit Committee. Mr. Graifman is the audit committee financial expert. The Audit Committee meets with the Company's independent auditors at least annually to review the scope and results of the annual audit; reviews with the Company's independent auditors the Company's quarterly reports on Form 10-QSB prior to filing, recommends to the Board the independent auditors to be retained; and receives and considers the auditors' comments as to internal controls, accounting staff and management performance and procedures in connection with audit and financial controls. The Audit Committee has adopted a written Audit Committee Charter. Harry Schessel served as the sole member of the Compensation Committee during 2003. In March 2004 Robert Pons was added to the Compensation Committee. The Compensation Committee is responsible for determining compensation for the executive officers of the Company, including bonuses and benefits, and administration of the Company's compensation programs, including the Company's Stock Option Plan.

#### LIMITATION ON LIABILITY AND INDEMNIFICATION MATTERS

The Company's Certificate of Incorporation limits the liability of directors to the maximum extent permitted by Delaware law. Delaware law provides

that directors of a corporation will not be personally liable for monetary damages for breach of their fiduciary duties as directors, except for liability (i) for any breach of their duty of loyalty to the corporation or its stockholders, (ii) for acts or omissions not in good faith or that involve intentional misconduct or a knowing violation of law, (iii) for unlawful payments

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of dividends or unlawful stock repurchases or redemptions as provided in Section 174 of the Delaware General Corporation Law or (iv) for any transaction from which the director derived an improper personal benefit. The Company's Bylaws provide that the Company shall indemnify its directors, officers, employees and agents to the fullest extent permitted by law. The Company's Bylaws also permit the Company to secure insurance on behalf of any officer, director, employee or other agent for any liability arising out of his or her actions in such capacity. The Company currently maintains liability insurance for its officers and directors. At present, there is no pending material litigation or proceeding involving any director, officer, employee or agent of the Company where indemnification will be required or permitted. The Company is not aware of any threatened litigation or proceeding that might result in a material claim for such indemnification.

#### DIRECTOR COMPENSATION

The Company has compensated each director, who is not an employee of the Company, by granting to each outside director (upon joining the Board) stock options to purchase between 25,000 - 50,000 shares of Common Stock, at an exercise price equal to the closing price of the Common Stock on the date of grant, with the options vesting over a one year period in equal quarterly amounts. In addition, each non-employee director receives an option grant to purchase 5,000 - 25,000 shares of Common Stock for each year of service (after the first year) as a member of the Board of Directors. Such options vest over a one year period in equal quarterly amounts. In addition to the aforementioned option grants, directors may be granted additional options at the discretion of the Board of Directors and the Compensation Committee.

#### SECTION 16(A) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE

Section 16(a) of the Exchange Act requires the Company's executive officers, directors, and persons who own more than 10% of the Company's outstanding Common Stock to file initial reports of ownership and changes in ownership with the Securities and Exchange Commission. Officers, directors and greater than 10% stockholders are required by Commission regulations to furnish the Company with copies of all Section 16(a) forms they file. The Company believes that its executive officers, directors, and greater than 10% stockholders complied during the year ended December 31, 2003.

#### CODE OF ETHICS

The Board of Directors has adopted a Code of Ethics that applies to the principal executive officers, principal financial officer, principal accounting officer or controller, or persons performing similar functions. The Code of Ethics is filed as Exhibit 14 of this Annual Report on Form 10-KSB.

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#### ITEM 10. EXECUTIVE COMPENSATION

The following table summarizes compensation, for the fiscal years indicated, awarded to, earned by or paid to the Company's Chief Executive Officer ("CEO") and to each of its executive officers, (collectively, the "Named Executive Officers") who received annual salary and bonus in excess of \$100,000 for the year ended December 31, 2003 for services rendered in all capacities to the Company.

##### SUMMARY COMPENSATION TABLE

<TABLE><CAPTION>

NAME AND PRINCIPAL POSITION	YEAR ENDED	ANNUAL COMPENSATION			LONG TERM COMPENSATION AWARDS		
		DECEMBER 31	OTHER ANNUAL SALARY (\$)	SHARES	UNDERLYING BONUS (\$)	ALL OTHER ANNUAL COMPENSATION(1)	OPTIONS(2)
Corey M. Horowitz Chairman and Chief Executive Officer	2003	\$210,000(2)	--	--	1,600,000	--	
	2002	--	--	--	--	--	
	2001	--	--	--	--	--	
Edward James	2003	\$148,750(3)	--	--	55,000	--	

Interim Chief Executive Officer and Chief Financial Officer	2002	\$ --	\$ --	--	--	--
	2001	\$ --	\$ --	--	--	--

</TABLE>

- (1) The Company has concluded that the aggregate amount of perquisites and other personal benefits paid to each of the Named Executive Officers did not exceed the lesser of ten percent (10%) of such individual's annual salary and bonus for each fiscal year indicated or \$50,000.
- (2) On December 22, 2003, Mr. Horowitz became Chairman and Chief Executive Officer of the Company. CMH Capital Management Corp. ("CMH"), the sole stockholder and officer of which is Mr. Horowitz, rendered financial consulting services from June 2001 until December 2003 and was paid consulting fees of \$205,398 for 2003 which is included in Mr. Horowitz's salary. Mr. Horowitz's salary for 2003 includes (i) his salary for December 2003 as Chairman and Chief Executive Officer and (ii) consulting fees received by CMH for the period January 2003 until December 2003.
- (3) Mr. James was elected interim Chief Executive Officer and Chief Financial Officer in January 2003. Mr. James was no longer employed by the Company as of January 31, 2004.

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#### EMPLOYMENT CONTRACTS, TERMINATION OF EMPLOYMENT AND CHANGE-IN-CONTROL ARRANGEMENTS

On December 22, 2003, the Company entered into an offer letter with Corey M. Horowitz, pursuant to which Mr. Horowitz agreed to serve as the Company's Chairman and Chief Executive Officer, on an at-will basis, at an annual base salary of \$210,000 per annum. In addition, Mr. Horowitz was granted options to purchase an aggregate of 1,600,000 shares of the Company's common stock consisting of (i) incentive stock options to purchase 1,084,782 shares of common stock at an exercise price of \$.23 per share, of which 434,782 shares vested on the date of grant, 250,000 shares vest on December 22, 2004 and 200,000 shares vest on each of December 22, 2005 and December 22, 2006 and (ii) a non-qualified stock option to purchase an aggregate of 515,218 shares of common stock at an exercise price of \$.13 per share which vested in full on the date of grant. In the event of a Change of Control (as defined in the Option Agreement), 100% of the unvested option shall accelerate and immediately vest. Mr. Horowitz also received certain anti-dilution protection in the event the Company completes a securities offering (common stock or any other securities convertible or exercisable into common stock) so that Mr. Horowitz shall be issued additional options, up to a maximum of options to purchase 600,000 shares, so that he maintains the same percentage ownership of options and warrants (15.6%) that he maintained on December 22, 2003.

On January 22, 2004, the Company entered into an agreement with David C. Kahn pursuant to which he agreed to serve as Chief Financial Officer of the Company for the year ending December 31, 2004 on a consulting basis, in consideration for annual compensation of \$54,000. In addition, Mr. Kahn was also granted a ten-year option to purchase 50,000 shares of Common Stock, at an exercise price of \$.35 per share, of which 20,000 shares vested on the date of grant and the balance vest on an equal monthly basis through December 31, 2004. In the event that Mr. Kahn's services are terminated "without good cause" (as defined in the agreement), he is entitled to receive the balance of cash compensation due him through December 31, 2004 and 100% accelerated vesting of all unvested options.

#### OPTION GRANTS IN 2003

The following stock options were granted to each of the Named Executive Officers during the year ended December 31, 2003:

<TABLE><CAPTION>

	NUMBER OF SHARES UNDERLYING OPTIONS GRANTED	% OF TOTAL OPTIONS GRANTED TO EMPLOYEES IN 2003(1)	EXERCISE PRICE PER SHARE(2)	EXPIRATION DATE
<S>	<C>	<C>	<C>	<C>
Corey M. Horowitz	1,084,782(3)	97%	\$.23	12/22/08
	515,218(3)	\$.13		
Edward James	30,000	3%	\$.19	01/07/13
	25,000	\$.12	11/24/13	

</TABLE>

- (1) The number of options granted to employees during the year ended December 31, 2003 used to compute this percentage is based on 1,139,782



incentive stock options and 515,218 non-qualified stock options.

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- (2) All options were granted at an exercise price equal to the fair market value of the Company's Common Stock at the date of grant, as determined by the Board of Directors except for the grant to Corey M. Horowitz of options to purchase 515,218 shares of Common Stock at an exercise price of \$13 per share (at a time when the fair market value was \$.23 per share).

FISCAL YEAR-END OPTION VALUES

No options were exercised by any of the Named Executive Officers during the year ended December 31, 2003. The following table sets forth information relating to the fiscal year-end value of unexercised options held by Named Executive Officers on an aggregated basis:

<TABLE><CAPTION>

Name	Number of Securities Underlying Unexercised Options at 12/31/2003		Value of Unexercised In-the-Money Options at Fiscal Year-End (\$)(1)	
	Exercisable	Unexercisable	Exercisable	Unexercisable
<S> Corey M. Horowitz(2)	<C> 1,971,616	<C> 1,160,625	<C> \$30,913	\$-0-
Edward James	42,500	32,500	\$1,125	\$-0-

</TABLE>

- (1) Options are "in-the-money" if the market price of the Common Stock on December 31, 2003 (\$.19) exceeds the exercise price of such options. The value of such options is calculated by determining the difference between the aggregate market price of the Common Stock underlying the options on December 31, 2003 and the aggregate exercise price of such options.
- (2) Includes (i) options to purchase 750,000 shares held by CMH Capital Management Corp. ("CMH"), an entity in which Mr. Horowitz is the sole owner and officer, (ii) warrants to purchase 85,220 shares held by Mr. Horowitz and (iii) warrants to purchase 643,896 shares of Common Stock held by CMH.

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ITEM 11. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT

The following table sets forth information regarding the beneficial ownership of the Company's shares of Common Stock as of April 13, 2004 (i) each person known by the Company to be the beneficial owner of more than 5% of the outstanding shares of Common Stock, (ii) each director and nominee, (iii) each of the executive officers of the Company, and (iv) all executive officers and directors of the Company as a group.

<TABLE><CAPTION>

NAME AND ADDRESS(1) OF BENEFICIAL OWNER	NUMBER OF SHARES BENEFICIALLY OWNED	PERCENTAGE OF SHARES BENEFICIALLY OWNED(2)
<S> Corey M. Horowitz(3)	<C> 5,574,085	<C> 32.5%
Barry Rubenstein(4)	4,343,204	28.0%
CMH Capital Management Corp. (5)	3,917,800	24.4%
Irwin Lieber (6)	2,696,607	17.4%
Barry Fingerhut (7)	2,607,203	16.9%
Wheatley Partners II, L.P. (8)	1,430,507	9.5%
Woodland Venture Fund(9)	1,016,064	6.7%

First New York Securities L.L.C.(10)	848,900		5.7%
Harry B. Schessel (11)	93,750	*	
Robert Graifman(12)	67,277	*	
David C. Kahn (13)	32,500	*	
Robert Pons(14)	12,500	*	
All officers and directors as a group (5 Persons)	5,780,112		33.4%

</TABLE>

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\* Less than 1%.

- (1) Except as otherwise indicated, the address for each beneficial owner is c/o Network-1 Security Solutions, Inc., 445 Park Avenue, Suite 1028, New York, New York 10022
- (2) Unless otherwise indicated, the Company believes that all persons named in the above table have sole voting and investment power with respect to all shares of Common Stock beneficially owned by them. A person is deemed to be the beneficial owner of securities that can be acquired by such person within 60 days from the date hereof upon the exercise of options, warrants or convertible securities. Each beneficial owner's percentage ownership is determined by assuming that options, warrants and convertible securities held by such person (but not those held by any other person) and which are exercisable or convertible within 60 days have been exercised and converted. Assumes a base of 15,012,576 shares of Common Stock outstanding.
- (3) Includes (i) 486,303 shares of Common Stock held by Mr. Horowitz, (ii) 992,500 shares of Common Stock subject to currently exercisable stock options held by Mr. Horowitz, (iii) 2,867,800 shares of Common Stock held by CMH Capital Management Corp. ("CMH"), (iv) 550,000 shares of Common Stock subject to currently exercisable warrants

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held by CMH, (v) 500,000 shares of Common Stock subject to currently exercisable options held by CMH, (vi) 85,220 shares of Common Stock subject to currently exercisable warrants held by Mr. Horowitz, (vii) 89,971 shares of Common Stock owned by Donna Slavitt, the wife of Mr. Horowitz and (viii) 2,291 shares of Common Stock held by Horowitz Partners, a general partnership of which Mr. Horowitz is a partner. Does not include options to purchase 910,625 shares of Common Stock which are not currently exercisable. The address of CMH Capital Management Corp. is 445 Park Avenue, New York, New York 10022.

- (4) Includes (i) 1,430,507 shares of Common Stock held by Wheatley Partners II, L.P., (ii) 216,980 shares of Common Stock held by Wheatley Partners, L.P., (iii) 18,868 shares of Common Stock held by Wheatley Foreign Partners, L.P., (iv) 150,012 shares of Common Stock held by Mr. Rubenstein, (v) 47,500 shares of common stock subject to currently exercisable stock options held by Mr. Rubenstein, (vi) 829,226, 619,983, 309,316 and 294,810 shares of Common Stock held by Woodland Venture Fund, Seneca Ventures, Woodland Partners and Brookwood Partners, L.P., respectively, and (vii) 186,838, 93,417, 46,247, 47,170, 50,997 and 1,333 shares of common stock subject to currently exercisable warrants held by Woodland Venture Fund, Seneca Ventures, Woodland Partners, Brookwood Partners, L.P., Barry Rubenstein and Marilyn Rubenstein, respectively. Does not include options to purchase 11,875 shares of Common Stock held by Mr. Rubenstein which are not currently exercisable. Barry Rubenstein is a general partner of Wheatley Partners II, L.P. and a member of the general partner of each of Wheatley Partners, L.P. and Wheatley Foreign Partners, L.P. Barry Rubenstein and Woodland Services Corp. are the general partners of Woodland Venture Fund and Seneca Ventures. Barry Rubenstein is the President and sole director of Woodland Services Corp. Marilyn Rubenstein is the wife of Barry Rubenstein. Mr. Rubenstein disclaims beneficial ownership of the shares of Common Stock held by Wheatley Partners II, L.P., Wheatley Partners, L.P. and Wheatley Foreign Partners, L.P., except to the extent of his equity interest therein. The address of Barry Rubenstein is 68 Wheatley Road, Brookville, New York 11545. The address of Wheatley Partners II, L.P. and Wheatley Partners, L.P. is 60 Cuttermill Road, Great Neck, New York 11021. The address of Wheatley Foreign Partners, L.P. is c/o Fiduciary Trust, One Capital Place, Snedden Road, P.O. Box 162, Grand Cayman, British West Indies. The address for Woodland Venture Fund, Seneca Ventures, Brookwood Partners, L.P. and Woodland Partners is c/o Barry Rubenstein, 68 Wheatley Road, Brookville, New York 11545.
- (5) Includes (i) 2,867,800 shares of Common Stock; (ii) 550,000 shares of Common Stock subject to currently exercisable warrants and (iii) 500,000 shares of Common Stock subject to currently exercisable stock options.

Does not include options to purchase 250,000 shares of Common Stock which are not currently exercisable.

- (6) Includes (i) 1,430,507 shares of Common Stock held by Wheatley Partners II, L.P., (ii) 216,980 shares of Common Stock held by Wheatley Partners, L.P., (iii) 18,868 shares of Common Stock held by Wheatley Foreign Partners, L.P., (iv) 509,483 shares of Common Stock owned by Mr. Lieber, (v) 47,500 shares of Common Stock subject to currently exercisable stock options owned by Mr. Lieber, and (vi) 473,269 shares of Common Stock subject to currently exercisable warrants owned by Mr. Lieber. Does not include options to purchase 11,875 shares of Common Stock owned by Mr. Lieber which are not currently exercisable. Mr. Lieber disclaims beneficial ownership of the shares of Common Stock held by Wheatley Partners II, L.P., Wheatley Partners, L.P. and Wheatley Foreign Partners, L.P., except to the extent of his equity interest therein. The address of Irwin Lieber is c/o Wheatley Partners, II, L.P., 80 Cuttermill Road, Great Neck, New York 11021.

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- (7) Includes (i) 1,430,507 shares of Common Stock held by Wheatley Partners, II, L.P., (ii) 216,980 shares of Common Stock held by Wheatley Partners, L.P., (iii) 18,868 shares of Common Stock held by Wheatley Foreign Partners, L.P., (iv) 517,243 shares of Common Stock owned by Mr. Fingerhut, and (v) 423,605 shares of Common Stock subject to currently exercisable warrants owned by Mr. Fingerhut. Mr. Fingerhut disclaims beneficial ownership of the shares of Common Stock held by Wheatley Partners II, L.P., Wheatley Partners, L.P. and Wheatley Foreign Partners, L.P., except to the extent of his equity interest therein. The address of Barry Fingerhut is c/o Wheatley Partner, II, L.P., 80 Cuttermill Road, Great Neck, New York 11021.
- (8) Includes 1,430,507 shares of Common Stock. Does not include (i) 2,439,195, 745,331, 760,851, 140,945 and 32,584 shares of Common Stock beneficially owned by Barry Rubenstein (including related entities), Irwin Lieber, Barry Fingerhut, Jonathan Lieber and Seth Lieber, respectively, each of whom is a general partner of Wheatley Partners II, L.P. and (ii) an aggregate of 1,559,152 shares of Common Stock subject to currently exercisable warrants and options owned by Barry Rubenstein (473,502 shares), Irwin Lieber (520,769 shares), Barry Fingerhut (423,605 shares), Jonathan Lieber (117,692 shares) and Seth Lieber (23,584 shares). Each of Messrs. Rubenstein, I. Lieber, Fingerhut, J. Lieber and S. Lieber disclaims beneficial ownership of the securities held by Wheatley Partners II, L.P., except to the extent of their equity interest therein. Jonathan Lieber and Seth Lieber each beneficially owns less than 1% of the outstanding Common Stock of the Company exclusive of shares beneficially owned by Wheatley Partners II, L.P., Wheatley Partners, L.P. and Wheatley Foreign Partners, L.P. and as such have not been included in the beneficial ownership table. Wheatley Partners II, L.P.'s business address is 80 Cuttermill Road, Great Neck, New York 11021.
- (9) Includes (i) 829,226 shares of Common Stock and (ii) 186,838 shares of Common Stock subject to currently exercisable warrants. Woodland Venture Fund's business address is 68 Wheatley Road, Brookville, New York 11546.
- (10) Includes (i) 566,700 shares of Common Stock owned together by First New York Securities, LLC ("FNY") and (ii) 282,200 shares of Common Stock owned by Jay Goldstein (150,000 shares), Douglas Lipton and his wife (82,200 shares), and Michael Marvin (50,000 shares), all employees of FNY. The aforementioned is based upon an Amended Schedule 13G filed jointly by the parties with the SEC on March 22, 2004 and a Form 3 filed by FNY on the same date.
- (11) Includes 93,750 shares of Common Stock subject to currently exercisable stock options issued to Mr. Schessel pursuant to the Stock Option Plan. Does not include 31,250 shares of Common Stock subject to stock options which are not currently exercisable.
- (12) Includes (i) 54,777 shares of Common Stock and (ii) 12,500 shares subject to currently exercisable stock options issued to Mr. Graifman pursuant to the Stock Option Plan. Does not include 37,500 shares of Common Stock subject to options which are not currently exercisable.
- (13) Includes 32,500 shares of Common Stock subject to currently exercisable stock options issued to Mr. Kahn pursuant to the Stock Option Plan. Does not include 17,500 shares of Common Stock subject to stock options which are not currently exercisable.
- (14) Includes 12,500 shares subject to currently exercisable stock options

issued to Mr. Pons pursuant to the Stock Option Plan. Does not include 37,500 shares of Common Stock subject to options which are not exercisable.

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The Equity Compensation Plan information presented in Item 5 of this Annual Report is incorporated herein in its entirety.

#### ITEM 12. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS

From June 2001 until December 2003 the Company paid CMH Capital Management Corp ("CMH") a monthly fee of \$17,500 and issued to CMH warrants to purchase an aggregate of 1,300,000 shares of Common Stock (at exercise prices ranging from \$.70 per share to \$1.48 per share) in consideration for financial advisory and consulting services rendered. Corey M. Horowitz, Chairman, Chief Executive Officer, Chairman of the Board of Directors and a principal stockholder of the Company, is the sole officer, director and stockholder of CMH. In addition, in connection with such financial advisory and consulting services, CMH was reimbursed for expenses during 2002 and 2003 in the amount of \$50,000 and \$41,000, respectively, including the allocable portion of rent for office space in New York City. In December 2003, the Company employed Mr. Horowitz as Chairman and Chief Executive Officer at which time CMH no longer provided financial and advisory services to the Company.

In February 2003, the Company closed its principal offices in Waltham, Massachusetts and moved its principal offices to space in New York City occupied by CMH. Network-1 pays rent on a month to month basis of \$2,700 per month for its principal offices in New York City.

During 2002, Edward James was paid consulting fees of \$68,164 by the Company. In December 2002 Mr. James became a director of the Company and was elected interim Chief Executive Officer and Chief Financial Officer in January 2003. From January 2003 until January 1, 2004, Mr. James was paid \$12,500 per month for his services as interim Chief Executive Officer and Chief Financial Officer.

On November 18, 2003, the Company acquired six patents relating to various telecommunications and data networking technologies from Merlot Communications, Inc. ("Merlot"), a broadband communications solutions provider, for a purchase price of \$100,000 and contingent future payments equal to 20% of the net income (as defined in the acquisition agreement) of the Company from the sale or licensing of the Patent Portfolio after the Company achieves \$4.0 million of net income for each patent comprising the Patent Portfolio ("Net Profit Payments"). The Company has an option to terminate the Net Profit Payments, at any time between January 1, 2007 through March 31, 2007, and from January 1 through March 31 of each year thereafter, by making payments to Merlot in an amount equal to the greater of (i) two times the payment due for the twelve month period following the notice of termination or (ii) \$3.0 million plus 10% for each additional year starting January 1, 2008. Wheatley Partners, II, L.P. and its affiliates and related parties (the "Wheatley Parties"), who are principal stockholders of the Company, also owned a majority of the outstanding voting stock of Merlot at the time of the transaction. The Wheatley Parties

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did not participate in the negotiation or the approval of the patent acquisition transaction by Merlot or the Company.

On April 13, 2004, the Company as part of a recapitalization entered into an exchange agreement with each of its outstanding holders of preferred stock pursuant to which such holders exchanged an aggregate of 2,714,562 shares of Preferred Stock (231,054 shares of Series D Preferred Stock and 2,483,508 shares of Series E Preferred Stock) for an aggregate of 6,698,118 shares of Common Stock. Holders of preferred stock received 1.25 shares of Common Stock for each share of Common Stock such holders would have received based upon the conversion rate of their Preferred Stock. The holders of preferred stock participating in the exchange included among the 27 holders, CMH (1,084,935 shares of Series E Preferred Stock), Donna Slavitt, the wife of Corey M. Horowitz (35,377 shares of Series E Preferred Stock), Barry Rubenstein, his wife and affiliated entities (471,686 shares of Series E Preferred Stock and 139,747 shares of Series D Preferred Stock), Wheatley Partners II, L.P. (94,339 shares of Series E Preferred Stock), Wheatley Partners, L.P. (86,792 shares of Series E Preferred Stock) and Wheatley Foreign Partners, L.P. (7,547 shares of Series E Preferred Stock), Irwin Lieber (165,094 shares of Series E Preferred Stock and 34,689 shares of Series D Preferred Stock) and Barry Fingerhut (165,094 shares of Series D Preferred Stock and 34,689 shares of Series D Preferred Stock).

#### ITEM 13. EXHIBITS LIST AND REPORTS ON FORM 8-K

(a) Exhibits

NO.	DESCRIPTION
3.1	Certificate of Incorporation, as amended. Previously filed as Exhibit 3.1 to the Company's Registration Statement on Form SB-2 (Registration No. 333-59617), declared effective by the SEC on November 12, 1998 (the "1998 Registration Statement"), and incorporated herein by reference.
3.1.1	Certificate of Amendment to the Certificate of Incorporation dated November 27, 2001. Previously filed as Exhibit 3.1.1 to the Company's Registration Statement on Form S-3 (Registration No. 333-81344) declared effective by the SEC on February 12, 2002, and incorporated herein by reference (the "February 2002 Form S-3").
3.2	Certificate of Designations of Series D Preferred Stock. Previously filed as Exhibit 3.1 to the Company's current report on Form 8-K filed January 5, 2000 and incorporated herein by reference.
3.3	Certificate of Designations of Series E Preferred Stock. Previously filed as Exhibit 3.1 to the Company's current report on Form 8-K filed October 12, 2001 (the "October 2001 Form 8-K") and incorporated herein by reference.
3.4	By-laws, as amended. Previously filed as Exhibit 3.2 to the 1998 Registration Statement and incorporated herein by reference.
4.1	Form of Common Stock certificate. Previously filed as Exhibit 4.1 to the 1998 Registration Statement and incorporated herein by reference.

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10.1	Assignment Agreement, dated May 20, 2003, between the Company and Trend Micro Incorporated (including exhibits). Previously filed as Exhibit 10.8 to the Company's Current Report on Form 8-K filed June 2, 2003 and incorporated herein by reference.
10.2	Patents Purchase, Assignment and License Agreement, dated November 18, 2003, between the Company and Merlot Communications, Inc. Previously filed as Exhibit 10.10 to the Company's current report on Form 8-K filed December 3, 2003 and incorporated herein by reference.
10.3*	Letter Agreement, dated December 21, 2003, between the Company and Corey M. Horowitz, including exhibits.
10.4*	Letter Agreement dated January 22, 2004, between the Company and David Kahn.
10.5*	Exchange Agreement, dated April 13, 2004, between the Company and its Preferred Stockholders.
14*	Code of Ethics.
23.1*	Consent of Eisner LLP, Independent Auditors'.
31.1*	Controls and Procedure Certification of Chief Executive Officer and Chief Financial Officer dated as of April 13, 2004.
32.1*	Certification of Chief Executive Officer and Chief Financial Officer dated April 13, 2004.

-----  
\* Filed herewith.

(b) Reports on Form 8-K

On December 3, 2003, the Company filed a current report on Form 8-K with respect to the acquisition of a patent portfolio from Merlot Communications, Inc.

## ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

## AUDIT FEES

Eisner LLP billed the Company aggregate fees of \$88,000 and \$119,000 for the year ended December 31, 2003 and December 31, 2002, respectively, for the audit of the Company's annual financial statements and review of financial statements included in the Company's Form 10-QSB's and for other services in connection with statutory or regulatory filings. Before Eisner LLP was engaged to render audit services for the Company, the engagement was pre-approved by the Company's Audit Committee.

## AUDIT RELATED FEES, TAX FEES AND ALL OTHER FEES

Eisner LLP did not render any other professional service other than those discussed above for the year ended December 31, 2003 or December 31, 2002.

## SIGNATURES

In accordance with the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of New York, State of New York, on the 13 day of April 2004.

NETWORK-1 SECURITY SOLUTIONS, INC.

By /s/ Corey M. Horowitz

-----  
Corey M. Horowitz  
Chairman and Chief Executive Officer

In accordance with the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant caused this report to be signed on its behalf by the following persons in the capacities and on the dates indicated:

NAME	TITLE	DATE
----	----	----
/s/ Corey M. Horowitz	Chairman and Chief Executive	April 13, 2004
----- Corey M. Horowitz	Officer, Chairman of the Board of Directors (principal	

executive officer.)

/s/ David Kahn            Chief Financial Officer      April 13, 2004

-----  
David Kahn

/s/ Harry Schessel        Director                      April 13, 2004

-----  
Harry Schessel

/s/ Robert Graifman      Director                      April 13, 2004

-----  
Robert Graifman

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NETWORK-1 SECURITY SOLUTIONS, INC.

FINANCIAL STATEMENTS

DECEMBER 31, 2003 AND 2002

NETWORK-1 SECURITY SOLUTIONS, INC.

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Statements of stockholders' equity for the years ended December 31, 2003 and 2002	F-5
Statements of cash flows for the years ended December 31, 2003 and 2002	F-6
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INDEPENDENT AUDITORS' REPORT

Board of Directors and Stockholders  
 Network-1 Security Solutions, Inc.  
 New York, New York

We have audited the accompanying balance sheets of Network-1 Security Solutions, Inc. (the "Company") as of December 31, 2003 and 2002 and the related statements of operations, stockholders' equity and cash flows for each of the years then ended. 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 auditing standards generally accepted in the United States of America. 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 enumerated above present fairly, in all material respects, the financial position of Network-1 Security Solutions, Inc. as of December 31, 2003 and 2002 and the results of its operations and its cash flows for each of the years then ended in conformity with accounting principles generally accepted in the United States of America.

The accompanying financial statements have been prepared assuming that the Company will continue as a going concern. As more fully described in Note A[2], the Company has incurred a net loss during 2003 and has a substantial accumulated deficit, and needs to obtain additional capital. These conditions raise substantial doubt about the Company's ability to continue as a going concern. Management's plans in regard to these matters are also described in Note A[2]. The financial statements do not include any adjustments that may result from the outcome of this uncertainty.

New York, New York  
 March 24, 2004

Except as to Note M[3] and M[4]  
 as to which the dates are  
 March 31, 2004 and April 13, 2004, respectively

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NETWORK-1 SECURITY SOLUTIONS, INC.

BALANCE SHEETS  
 <TABLE><CAPTION>

	DECEMBER 31,	
	2003	2002
<S>	<C>	<C>
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 984,000	\$ 2,029,000
Accounts receivable		6,000
Prepaid expenses and other current assets	86,000	96,000
	-----	-----
Total current assets	1,070,000	2,131,000
Equipment and fixtures - net		22,000
Patents	99,000	
Security deposits		8,000
	-----	-----
	\$ 1,169,000	\$ 2,161,000
	=====	=====
<b>LIABILITIES</b>		
Current liabilities:		
Accounts payable	\$ 78,000	\$ 193,000



Accrued expenses and other current liabilities	520,000	610,000
Deferred revenue	218,000	
	-----	-----
Total current liabilities	598,000	1,021,000
	-----	-----
Liability to be settled with equity instrument	54,000	55,000
	-----	-----
Commitments and contingencies (Note G)		
STOCKHOLDERS' EQUITY		
Preferred stock - \$.01 par value; 10,000,000 shares authorized; Series D - convertible, voting, authorized 1,250,000 shares; 231,054 shares issued and outstanding; liquidation preference of \$705,000	2,000	2,000
Series E - convertible, authorized 3,500,000 shares; 2,483,508 shares issued and outstanding; liquidation preference of \$5,265,000	25,000	25,000
Common stock - \$.01 par value; authorized 40,000,000 shares; 8,314,458 shares issued and outstanding	83,000	83,000
Additional paid-in capital	41,443,000	41,397,000
Accumulated deficit	(41,036,000)	(40,422,000)
	-----	-----
	517,000	1,085,000
	-----	-----
	\$ 1,169,000	\$ 2,161,000
	=====	=====

</TABLE>

SEE NOTES TO FINANCIAL STATEMENTS

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NETWORK-1 SECURITY SOLUTIONS, INC.

STATEMENTS OF OPERATIONS

<TABLE><CAPTION>

	YEAR ENDED DECEMBER 31,	
	2003	2002
	<C>	<C>
<S>		
Revenues:		
Licenses	\$ 130,000	\$ 374,000
Services	88,000	218,000
	-----	-----
Total revenues	218,000	592,000
	-----	-----
Cost of revenues:		
Amortization and impairment of software development costs		741,000
Cost of licenses	15,000	
Cost of services	51,000	147,000
	-----	-----
Total cost of revenues	51,000	903,000
	-----	-----
Gross profit (loss)	167,000	(311,000)
	-----	-----
Operating expenses:		
Product development costs	1,599,000	
Selling and marketing	1,831,000	
General and administrative	1,208,000	2,229,000
	-----	-----
Total operating expenses	1,208,000	5,659,000
	-----	-----
Loss before interest income	(1,041,000)	(5,970,000)
Interest income - net	12,000	65,000
Gain on sale of assets	415,000	
	-----	-----
NET LOSS	\$ (614,000)	\$ (5,905,000)
	=====	=====

LOSS PER COMMON SHARE - BASIC AND DILUTED \$ (0.07)    \$ (0.78)

WEIGHTED AVERAGE NUMBER OF COMMON SHARES OUTSTANDING 8,314,458    7,584,911

</TABLE>

SEE NOTES TO FINANCIAL STATEMENTS F-4

NETWORK-1 SECURITY SOLUTIONS, INC.

STATEMENTS OF STOCKHOLDERS' EQUITY

<TABLE><CAPTION>

	SERIES D CONVERTIBLE PREFERRED STOCK		SERIES E CONVERTIBLE PREFERRED STOCK		COMMON STOCK		
	SHARES	AMOUNT	SHARES	AMOUNT	SHARES	AMOUNT	
BALANCE - DECEMBER 31, 2001		231,054	2,000	3,191,037	32,000	6,781,374	68,000
Conversion of Series E preferred stock		(707,529)	(7,000)	1,415,058	14,000		
Exercise of Series E warrants				9,432			
Exercise of Series D warrants				108,594	1,000		
Net loss							
BALANCE - DECEMBER 31, 2002		231,054	2,000	2,483,508	25,000	8,314,458	83,000
Non-employee compensation paid with stock options							
Issuance of options for compensation to an employee director							
Net loss							
BALANCE - DECEMBER 31, 2003		231,054	2,000	2,483,508	25,000	8,314,458	83,000

ADDITIONAL  
PAID-IN CAPITAL    ACCUMULATED DEFICIT    TOTAL

BALANCE - DECEMBER 31, 2001	\$ 41,274,000	\$(34,517,000)	\$ 6,859,000
Conversion of Series E preferred stock	(7,000)	0	
Exercise of Series E warrants	12,000	12,000	
Exercise of Series D warrants	118,000	119,000	
Net loss	(5,905,000)	(5,905,000)	
BALANCE - DECEMBER 31, 2002	41,397,000	(40,422,000)	1,085,000
Non-employee compensation paid with stock options	5,000	5,000	
Issuance of options for compensation to an employee director	41,000	41,000	
Net loss	(614,000)	(614,000)	
BALANCE - DECEMBER 31, 2003	\$ 41,443,000	\$(41,036,000)	\$ 517,000

</TABLE>

SEE NOTES TO FINANCIAL STATEMENTS F-5

NETWORK-1 SECURITY SOLUTIONS, INC.

STATEMENTS OF CASH FLOWS

<TABLE><CAPTION>

	YEAR ENDED DECEMBER 31,	
	2003	2002
CASH FLOWS FROM OPERATING ACTIVITIES:		
Net loss	\$ (614,000)	\$ (5,905,000)
Adjustments to reconcile net loss to net cash used in operating activities:		
Issuance of options for compensation to an employee director		41,000
Valuation adjustment for outstanding stock options		4,000
Gain on sale of assets	(415,000)	55,000

Depreciation, amortization and impairment charge	23,000	1,154,000	
Changes in:			
Accounts receivable	6,000	56,000	
Prepaid expenses and other current assets	10,000	17,000	
Security deposits	8,000		
Accounts payable, accrued expenses and other current liabilities		(205,000)	(277,000)
Deferred revenue	(218,000)	(27,000)	

Net cash used in operating activities	(1,360,000)	(4,927,000)	
---------------------------------------	-------------	-------------	--

CASH FLOWS FROM INVESTING ACTIVITIES:

Acquisitions of equipment and fixtures		(116,000)	
Capitalized software costs		(180,000)	
Acquisition of patents	(100,000)		
Proceeds from sale of assets	415,000		

Net cash provided by (used in) investing activities	315,000	(296,000)	
---	---------	-----------	--

CASH FLOWS FROM FINANCING ACTIVITIES:

Proceeds from exercise of warrants		131,000	
------------------------------------	--	---------	--

NET DECREASE IN CASH AND CASH EQUIVALENTS

		(1,045,000)	(5,092,000)
--	--	-------------	-------------

Cash and cash equivalents - beginning of year	2,029,000	7,121,000	
---	-----------	-----------	--

CASH AND CASH EQUIVALENTS - END OF YEAR

	\$ 984,000	\$ 2,029,000
--	------------	--------------

NON-CASH TRANSACTIONS:

Non-employee compensation paid with stock options	\$ 5,000
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SEE NOTES TO FINANCIAL STATEMENTS

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NETWORK-1 SECURITY SOLUTIONS, INC.

NOTES TO FINANCIAL STATEMENTS

DECEMBER 31, 2003 AND 2002

NOTE A - THE COMPANY

[1] BUSINESS:

Network-1 Security Solutions, Inc. (the "Company") developed, marketed, licensed and supported its proprietary network security software products designed to provide comprehensive security to computer networks. The Company also provided maintenance and training services.

In December 2002, the Company discontinued its software product line and associated operations, ceased its product development and eliminated its sales and marketing efforts and during May 2003, sold substantially all of its intellectual property. Through a series of layoffs, the Company has reduced its workforce to a current level of two employees. The Company has closed its various offices upon termination of leases during 2002 and 2003. In February 2003, the Company closed its principal office in Waltham, Massachusetts and moved its principal offices to space in New York City in offices occupied by CMH Capital Management Corp. ("CMH") (a company owned by the Chairman and CEO). The Company reimburses CMH for rent in the amount of \$2,700 per month on a month-to-month basis (see Note G[1]).

As part of its new business strategy, in November 2003, the Company acquired a portfolio of telecommunications and data networking patents (the "Patent Portfolio") and is pursuing licensing opportunities related to the technologies covered by the Patent Portfolio. As of December 31, 2003, the Company has not entered into any license arrangements with respect to the Patent Portfolio. However, it is pursuing such arrangements with third parties.

[2] GOING CONCERN:

The Company has incurred substantial net losses from operations during 2003. The Company as of December 31, 2003 has cash and cash equivalents of \$984,000 and currently is not generating revenues to support its operations. The Company has been dependent upon capital raised through

both public and private placement of equity to finance its business operations. This raises substantial doubt about the Company's ability to continue as a going concern.

In November 2003, the Company acquired a Patent Portfolio (see Note E) and is pursuing licensing opportunities for these patents. However, the Company has not entered into any license arrangements as of December 31, 2003. Until the Company generates positive cash flows from operations, of which there can be no assurance, the Company plans to seek additional financing through the issuance of debt and/or equity securities.

The accompanying financial statements have been prepared assuming that the Company will continue as a going concern and do not include any adjustments that may result from the outcome of this uncertainty.

#### NOTE B - SIGNIFICANT ACCOUNTING POLICIES

##### [1] CASH EQUIVALENTS:

The Company considers all highly liquid short-term investments purchased with a maturity of three months or less to be cash equivalents.

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#### NETWORK-1 SECURITY SOLUTIONS, INC.

#### NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2003 AND 2002

#### NOTE B - SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

##### [2] REVENUE RECOGNITION:

License revenue is recognized upon delivery of software or delivery of a required software key. License revenue from distributors or resellers is recognized as the distributor or reseller delivers software or the required software key to end users or original equipment manufacturers. Service revenues consist of maintenance and training services. Annual renewable maintenance fees are a separate component of each contract, and are recognized ratably over the contract term. Training revenues are recognized as such services are performed. Revenue from advance license fees are deferred until they are earned pursuant to the agreements.

##### [3] EQUIPMENT AND FIXTURES:

Equipment and fixtures are stated at cost and are depreciated using the straight-line method over their estimated useful lives of five years.

##### [4] SOFTWARE DEVELOPMENT COSTS:

Costs to maintain developed programs and development costs incurred to establish the technological feasibility of computer software are expensed as incurred. The Company capitalizes costs incurred in producing computer software after technological feasibility of the software has been established through the date that the software is ready for general release to customers. Such costs are amortized based on current and estimated future revenue of each product with an annual minimum equal to the straight-line amortization over the remaining estimated economic life of the product. The Company estimates the economic life of its software to be three years.

##### [5] PATENTS:

The Company owns a Patent Portfolio that relates to various telecommunications and data networking technologies. The Company capitalizes the costs associated with acquisition, registration and maintenance of the patents and amortizes these assets over their remaining useful lives on a straight-line basis. Any further payments made to maintain or develop the patents would be capitalized and amortized over the balance of the useful life for the patents.

##### [6] IMPAIRMENT OF LONG-LIVED ASSETS:

In accordance with Statement of Financial Accounting Standards ("SFAS") No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets," intangible assets with finite lives are tested for impairment whenever events or circumstances indicate that the carrying amount may not be recoverable. Accordingly, the Company records impairment losses on long-lived assets used in operations or expected to be disposed of when indicators of impairment exist and the cash flows expected to be derived

from those assets are less than carrying amounts of those assets. During the year ended December 31, 2002, the Company recorded an impairment charge related to its network security software of approximately \$401,000, which was included in amortization of software development costs. On May 30, 2003, the Company completed the sale of its network security software to an unrelated third party for \$415,000. At December 31, 2002, the Company also reduced the carrying value of its fixed assets to their net realizable amount and sold them in January 2003 for \$22,000, that being their carrying value at December 31, 2002 (see Note C).

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NETWORK-1 SECURITY SOLUTIONS, INC.

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2003 AND 2002

NOTE B - SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

[7] INCOME TAXES:

The Company utilizes the liability method of accounting for income taxes. Under such method, deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using enacted tax rates in effect at the balance sheet date. The resulting asset or liability is adjusted to reflect enacted changes in tax law. Deferred tax assets are reduced, if necessary, by a valuation allowance when the likelihood of realization is not assured.

[8] LOSS PER SHARE:

Basic loss per share is calculated by dividing the net loss by the weighted average number of outstanding common shares during the year. Diluted per share data includes the dilutive effects of options, warrants and convertible securities. Potential common shares of 11,495,493 and 18,081,581 at December 31, 2003 and 2002, respectively, are anti-dilutive, and are not included in the calculation of diluted loss per share. Such potential common shares reflect options, warrants, convertible preferred stock and convertible notes.

[9] USE OF ESTIMATES:

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America 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.

[10] FINANCIAL INSTRUMENTS:

The carrying amounts of cash and cash equivalents, accounts receivable, accounts payable and accrued expenses approximate their fair value due to the short period to maturity of these instruments.

[11] STOCK-BASED COMPENSATION:

The Company accounts for stock-based employee compensation under Accounting Principles Board ("APB") Opinion No. 25, "Accounting for Stock Issued to Employees," and related interpretations. The Company has adopted the disclosure-only provisions of SFAS No. 123, "Accounting for Stock-Based Compensation" and SFAS No. 148, "Accounting for Stock-Based Compensation - Transition and Disclosure," which was released in December 2002 as an amendment of SFAS No. 123. The following table illustrates the effect on net loss and loss per share if the fair value-based method had been applied to all awards:

<TABLE><CAPTION>

	YEAR ENDED DECEMBER 31,		
	2003	2002	
<S>	<C>	<C>	
Reported net loss attributable to common stockholders	\$ (614,000)	\$ (5,905,000)	
Stock-based employee compensation expense included in reported net loss	41,000		

Stock-based employee compensation determined under the fair value-based method	(203,000)	(298,000)
Pro forma net loss	\$ (776,000)	\$ (6,203,000)
Loss per common share (basic and diluted):		
As reported	\$ (0.07)	\$ (0.78)
Pro forma	\$ (0.09)	\$ (0.82)

</TABLE>

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NETWORK-1 SECURITY SOLUTIONS, INC.

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2003 AND 2002

NOTE B - SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

[11] STOCK-BASED COMPENSATION: (CONTINUED)

The fair value of options on the date of grant is estimated using the Black-Scholes option-pricing model utilizing the following weighted average assumptions:

	YEAR ENDED DECEMBER 31,	
	2003	2002
Risk-free interest rates	2.74 - 5.07%	2.63 - 6.44%
Expected option life in years	3.04	6.60
Expected stock price volatility	113.75 - 229.03%	112.00%
Expected dividend yield	0.00%	0.00%

[12] ADVERTISING COSTS:

Advertising costs are expensed as incurred. Advertising expense was \$0 and \$93,000 for the years ended December 31, 2003 and 2002, respectively.

[13] RECENTLY ISSUED ACCOUNTING STANDARDS:

SFAS No. 150, "Accounting for Certain Financial Instruments with Characteristics of Both Liabilities and Equity," which was issued in May 2003, will require redeemable preferred stock to be classified, in certain circumstances, as a liability, upon adoption by a public company at the beginning of the first interim period beginning after June 15, 2003. SFAS No. 150 provides that mandatorily redeemable preferred stock should be classified as a liability if it embodies an unconditional obligation requiring the issuer to redeem the shares by transferring its assets at a specified or determinable date or upon an event certain to occur. The Company does not currently have any financial instruments with these characteristics. SFAS No. 150 had no effect on the Company's results of operations and financial position.

In November 2002, the FASB issued Interpretation No. 45, "Guarantor's Accounting and Disclosures Requirements for Guarantees, Including Indirect Guarantees of Indebtedness of Others" ("FIN 45"). FIN 45 requires that upon issuance of a guarantee, the guarantor must recognize a liability for the fair value of the obligation it assumes under that guarantee. FIN 45 is effective on a prospective basis to guarantees issued or modified after December 15, 2002, but has certain disclosure requirements effective for financial statements of interim or annual periods ending after December 15, 2002. The Company does not currently have any guarantees. The adoption of the disclosure requirements of FIN 45 had no effect on the Company's financial position or results of operations.

In January 2003, the FASB issued FIN No. 46, "Consolidation of Variable Interest Entities" ("FIN 46"). FIN 46 relates to certain entities in which equity investors do not have the characteristics of a controlling financial interest or do not have sufficient capital at risk for the entity to finance its activities without additional subordinated financial support from other parties. Under certain circumstances, an

enterprise may be required to consolidate such an entity if it will absorb a majority of the entity's expected losses, receive a majority of the entity's residual returns, or both. FIN 46 became effective for variable interest entities created after January 31, 2003, and had no effect on the Company's financial position as of December 31, 2003, and its results of operations for the year then ended.

[14] RECLASSIFICATION:

Certain prior year amounts have been reclassified to conform to the 2003 presentation.

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NETWORK-1 SECURITY SOLUTIONS, INC.

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2003 AND 2002

NOTE C - EQUIPMENT AND FIXTURES

Equipment and fixtures are summarized as follows at December 31, 2002:

Office and computer equipment	\$ 649,000
Furniture and fixtures	146,000
	-----
	795,000
Less accumulated depreciation	(773,000)
	-----
	\$ 22,000
	=====

Depreciation expense was \$0 and \$413,000 for the years ended December 31, 2003 and 2002, respectively. In January 2003, the Company sold all the remaining equipment and fixtures at its carrying value as at December 31, 2002, resulting in no profit or loss on sale of its assets.

NOTE D - CAPITALIZED SOFTWARE COSTS

	YEAR ENDED DECEMBER 31, 2002
	-----
Balance, beginning of year (net of accumulated amortization)	\$ 561,000
Additions	180,000
Amortization	(741,000)
	-----
Balance, end of year (net of accumulated amortization)	\$ 0
	=====

During 2002, the Company wrote-off the remaining balance of \$401,000 attributable to its capitalized software cost when it discontinued its software product offering which is included in amortization expense.

NOTE E - PATENTS

In November 2003, the Company acquired a portfolio of telecommunications and data networking patents (six patents) from Merlot Communications, Inc. (the "Seller") in which controlling stockholders of the Company currently own a majority of Merlot's voting stock. The purchase price for the Patent Portfolio was \$100,000, paid in cash. The cash price paid has been capitalized and is being amortized over the remaining useful life of each patent. In addition, the Company shall pay the Seller 20% of the net income, as defined, after the first \$4,000,000 of net income realized by the Company on a per patent basis from the sale or licensing of the patents. However, the Company has an option to terminate these payments for each of the patents, commencing January 1, 2007 through March 31, 2007, and for each January 1 through March 31 period thereafter, by paying the greater of: (i) two times the payment due for the 12 months immediately following the notice for each patent; or (ii) \$3 million plus an extra 10% for each additional year starting the fourth year after the closing of the patent agreement for each patent.

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NETWORK-1 SECURITY SOLUTIONS, INC.

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2003 AND 2002

NOTE E - PATENTS (CONTINUED)

The Company has granted the Seller a nonexclusive, royalty free, license for the term of each patent to use the patents for the development, manufacture or sale of its own branded products to end users.

For the year ended December 31, 2003, the Company has not derived any income from sale or licensing of these patents.

Balance - January 1, 2003	
Additions	\$ 100,000
Amortization	(1,000)
	-----
Balance - December 31, 2003	\$ 99,000
	=====

NOTE F - STOCKHOLDERS' EQUITY

[1] PREFERRED STOCK:

(a) Series D preferred stock:

Pursuant to a private placement in December 1999, the Company received \$1,500,000 from the sale of 491,803 shares of Series D convertible preferred stock at \$3.05 per share, including 172,129 shares to related parties. Such stock is convertible into common shares at a conversion rate of 1.69431 (as adjusted), has identical voting rights as the Company's common stock, and is entitled to equivalent dividend rights as those paid on shares of common stock obtainable on conversion. The holders of the Series D convertible preferred stock are entitled to a liquidation preference of \$3.05 per share plus any declared but unpaid dividends before any payments are made to holders of common stock, and rank equal with Series E preferred stock in the event of liquidation, dissolution or winding up of the Company. Through December 31, 2001, 384,780 shares of the Series D preferred stock were converted to common stock and prior outstanding notes were converted into 124,031 shares of the Series D preferred stock. In connection therewith, the Company also issued five-year warrants to purchase 491,803 shares of common stock at an exercise price of \$3.05 per share. The exercise price of the warrants was reduced to \$1.00 because the Company did not achieve a specified revenue target. Holders of warrants for 444,857 shares waived such exercise price reduction. Of these warrants, 147,149 were exercised during 2000.

Pursuant to anti-dilution features of the Series D convertible preferred stock and warrants, in connection with the October 2, 2001 private offering of Series E preferred stock and warrants (see (b) below), the holders of outstanding Series D preferred stock and related warrants received the right to purchase 1,145,207 additional shares of common stock upon conversion or exercise of Series D preferred stock and warrants as a result of the anti-dilution provisions of such securities. The warrants expire in December 2004. In addition, the exercise price of outstanding warrants was adjusted from \$3.05 to \$1.114.

(b) Series E preferred stock:

On October 2, 2001, the Company completed a \$6,765,000 private offering of Series E preferred stock ("Series E") and warrants (the "2001 Financing"). An aggregate of 3,191,037 shares of Series E together with warrants to purchase 6,882,074 shares of common stock were sold. The warrants were issued at the rate of two warrants, each to purchase a share of common stock at \$1.27 per share, with every share of Series E, plus an additional warrant to purchase 500,000 shares to an investor,



[1] PREFERRED STOCK: (CONTINUED)

(b) Series E preferred stock: (continued)

Falconstor Software, Inc. ("Falconstor"), for investing more than \$2,000,000 (the "Additional Warrant"). Out of the above warrants, 6,382,074 warrants expired on October 2, 2003. In connection with the 2001 Financing, the Company and Falconstor entered into a ten-year License and Distribution Agreement (the "Falconstor Agreement") pursuant to which Falconstor has the right to distribute the Company's product offerings in its indirect and OEM channels. As part of the Falconstor Agreement, Falconstor paid the Company a non-refundable advance of \$500,000 against future royalty payments (the "Advance"). For accounting purposes, \$350,000 of the Advance, representing the estimated fair value of the Additional Warrant, was accounted for as its purchase price, resulting in total proceeds attributable to the 2001 Financing of \$7,115,000. For accounting purposes, an allocation of \$4,952,000 and \$2,163,000 was made to the Series E and warrants, respectively, based on the relative fair values of the common stock obtainable upon conversion of the Series E and the warrants on the date of the 2001 Financing. The warrants were valued using the Black-Scholes option pricing model using the following assumptions: volatility of 113.45%, expected life of 1 year and 3 years, dividend yield of 0, and risk-free interest rates of 2.47% and 3.14%, respectively. The difference between the proceeds allocated to the Series E and the fair market value of the common stock obtainable upon conversion of the Series E represents a beneficial conversion feature, which has been imputed as a preferred stock dividend in calculating the net loss available to common stockholders. On May 30, 2003, as part of the Company's sale of its CyberwallPLUS technology and related intellectual property (the "Assets") to an unrelated third party (the "Purchaser"), the Company assigned its rights under the Falconstor Agreement to the Purchaser.

Holders of the Series E may convert each such share into two shares of common stock at any time, subject to adjustment. During the year ended December 31, 2002, holders of 707,529 shares of Series E converted their shares into 1,415,058 shares of common stock. The Series E is entitled to vote on all matters with the holders of the Company's common stock based on the number of shares of common stock into which such shares may be converted, except that the holders of the Series E have irrevocably waived any increased voting rights that may be afforded to the holders of Series E resulting from anti-dilution protection. Holders of Series E shall receive dividends and other distributions, when, as and if declared by the Board of Directors, out of funds legally available therefore equivalent to those dividends paid on shares of common stock. The holders of Series E will be entitled to a liquidation preference of \$2.12 per share plus any declared but unpaid dividends before any payments are made to holders of common stock, and the Series E ranks equal with the Series D preferred stock upon liquidation. The Company also agreed with the holders of the Series E that, without the approval of the Series E designee, a principal stockholder of the Company (see Note J[3]), it will not take certain actions, including (i) issue securities except for securities issued under its stock option plan, (ii) incur debt in excess of \$250,000, (iii) enter into a merger, acquisition or sale of substantially all of its assets and (iv) take any action to amend its Certificate of Incorporation or by-laws that could in any way adversely affect the rights of the holders of the Series E. In addition, the investors were granted registration rights with respect to the shares of common stock to be received upon conversion of the Series E preferred stock and exercise of the warrants.

[2] STOCK OPTIONS:

During 1996, the Board of Directors and stockholders approved the adoption of the 1996 Stock Option Plan (the "1996 Plan"). The 1996 Plan, as amended, provides for the granting of both incentive and non-qualified options to purchase common stock of the Company. A total of 4,000,000 shares are provided for under the 1996 Plan.

## NOTE F - STOCKHOLDERS' EQUITY (CONTINUED)

## [2] STOCK OPTIONS: (CONTINUED)

The term of options granted under the 1996 Plan may not exceed ten years (five years in the case of an incentive stock option granted to an optionee owning more than 10% of the voting stock of the Company) ("10% stockholder"). The option price for incentive stock options can not be less than 100% of the fair market value of the shares of common stock at the time the option is granted (110% for a 10% stockholder). Option terms and vesting periods are set by the Compensation Committee in its discretion.

The following table summarizes stock option activity for the years ended December 31:

&lt;TABLE&gt;&lt;CAPTION&gt;

	2003		2002		
	WEIGHTED AVERAGE OPTIONS OUTSTANDING	EXERCISE PRICE	WEIGHTED AVERAGE OPTIONS OUTSTANDING	EXERCISE PRICE	
<S>	<C>	<C>	<C>	<C>	
Options outstanding at beginning of year		3,154,498	\$ 2.25	1,761,652	\$ 3.36
Granted	1,860,000(d)	0.19	2,520,000(a)(c)	1.48	
Cancelled/expired	(1,742,128)(c)	2.42	(1,127,154)	2.26	
Options outstanding at end of year	<u>3,272,370</u>	<u>0.99</u>	<u>3,154,498(b)</u>	<u>2.25</u>	
Options exercisable at end of year	<u>1,964,545</u>	<u>1.30</u>	<u>788,165</u>	<u>4.03</u>	

&lt;/TABLE&gt;

(a) On April 18, 2002, in consideration of additional consulting and financial advisory services, the Company issued to CMH Capital Management Corp. ("CMH") an option to purchase 750,000 shares of the common stock at an exercise price of \$1.20 per share, which was the market price of the Company's common stock on the date of issuance. Corey M. Horowitz, Chairman of the Board of Directors of the Company, is the sole owner and officer of CMH. The shares underlying the option vest over a three-year period in equal amounts of 250,000 shares per year beginning April 18, 2003. In addition, the shares underlying the option shall vest in full in the event of a "change of control" or in the event that the closing price of the Company's common stock reaches a minimum of \$3.50 per share for 20 consecutive trading days. These options are treated as contingent options and were originally priced in the quarter ended June 30, 2002 at \$416,000. Subsequently, they were revalued to \$55,000 at December 31, 2002 and \$14,000 at March 31, 2003. The fair value of these options remained unchanged at April 18, 2003. On April 18, 2003, 250,000 of these options, having a fair value of \$5,000 as of that date, vested. Accordingly, \$5,000 was reallocated to additional paid-in capital by correspondingly reducing the liability. The options to purchase the remaining 500,000 shares continue to be treated as contingent options and valued utilizing the Black-Scholes option pricing model at each balance sheet date. At December 31, 2003 the 500,000 unvested options were valued at \$54,000. Any increase/decrease in the valuation has been reflected as addition/reduction of general and administrative expenses at each balance sheet date.

(b) Includes a five-year option to purchase 294,879 shares of common stock at an exercise price of \$2.42 per share issued outside the 1996 Plan which expired in May 2003. The option was issued in May 1998 in connection with an employment agreement with the Company's former President and Chief Executive Officer.

[2] STOCK OPTIONS: (CONTINUED)

- (c) On March 11, 2002, the Company entered into a two-year employment agreement with Richard J. Kosinski, as Chief Executive Officer and President, and issued to Mr. Kosinski ten-year options to purchase 1,200,000 shares of the Company's common stock at an exercise price of \$1.65 per share. The vesting schedule for these options was as follows: (i) 25% of the shares (300,000 shares) on March 11, 2003 and (ii) the balance of 75% of the shares over a three-year period in equal amounts of 6.25% (75,000 shares) at the end of each three-month period beginning March 11, 2003, subject to acceleration upon a change of control of the Company. In July 2003, all of these options issued were forfeited in connection with the settlement of a lawsuit by Mr. Kosinski against the Company.
- (d) Includes five-year options to purchase 1,600,000 shares of the Company's common stock issued to Corey M. Horowitz, Chief Executive Officer and Chairman of the Company in connection with an agreement in December 2003 (see Note K) as follows: (i) incentive stock options to purchase 1,084,782 shares of common stock, at an exercise price of \$0.23 per share, of which 434,782 shares vested immediately, 250,000 shares vest on December 22, 2004 and 200,000 shares each vest on December 22, 2005 and December 22, 2006 and (ii) non-qualified stock options to purchase 515,218 shares of common stock, at an exercise price of \$0.13 per share, which vested immediately. The Company recognized \$41,000 of expense in 2003 related to the 515,218 options representing the difference between the exercise price of the options and the market price on the date of grant.
- (e) The following table presents information relating to stock options outstanding and exercisable at December 31, 2003:

<TABLE><CAPTION>

	RANGE OF EXERCISE PRICES	WEIGHTED AVERAGE			WEIGHTED AVERAGE	
		OPTIONS OUTSTANDING	EXERCISE PRICE	REMAINING LIFE IN YEARS	OPTIONS EXERCISABLE	EXERCISE PRICE
<S>	<C>	<C>	<C>	<C>	<C>	<C>
	\$ 0.12 - \$ 2.91	2,955,093	\$ 0.58	9.18	1,648,188	\$ 0.63
	\$ 3.00 - \$ 3.75	146,625	3.44	6.34	146,625	3.44
	\$ 4.13 - \$ 5.69	69,600	5.17	6.14	68,680	5.16
	\$ 6.00 - \$ 6.875	91,052	6.22	5.98	91,052	6.22
	\$10.00 - \$10.125	10,000	10.00	6.08	10,000	10.00
		3,272,370	0.99	8.76	1,964,545	1.30

</TABLE>

The weighted average fair value on the option grant date during the years ended December 31, 2003 and 2002 were \$0.20 and \$1.13 per option, respectively.

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NETWORK-1 SECURITY SOLUTIONS, INC.

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2003 AND 2002

NOTE F - STOCKHOLDERS' EQUITY (CONTINUED)

[3] WARRANTS:

As of December 31, 2003, the Company has the following outstanding warrants to purchase shares of common stock:

NUMBER OF WARRANTS	EXERCISE PRICE	EXPIRATION DATE
31,040	\$ 1.61	January 15, 2004
62,856	2.42	April 4, 2004
100,104	6.44	March 14, 2006 - February 24, 2007
93,120	9.66	March 14, 2006
20,000	7.50	January 2, 2004 (a)
20,000	10.00	February 28, 2004 (a)
300,000	.70	July 11, 2011 (b)
250,000	1.48	October 8, 2006 (b)

1,352,048	1.11	December 22, 2004 (c)
500,000	1.27	October 2, 2006 (d)
66,621	2.03	April 13, 2006 (e)
64,352	2.00	July 2, 2006 (e)
4,489	2.10	October 1, 2006 (e)
-----		
2,864,630		
=====		

- (a) Represents warrants issued pursuant to a consulting agreement with an advisory firm. Under the agreement, entered into on October 31, 2000, the Company was required to pay a monthly fee and issue 60,000 warrants. The warrants have exercise prices ranging from \$5.00 to \$10.00, expire three years after issuance, and were issued 1/3 at the inception of the agreement, 1/3 at 60 days, and 120 days after inception. The warrants were valued at \$82,000 using the Black-Scholes option pricing model using the following weighted average assumptions on the issuance dates: risk-free interest rate of 5.60, volatility of 113%, dividend yield of 0 and expected life of 3 years.
- (b) Issued to CMH in 2001, a company owned by the Chairman and Chief Executive Officer (see Note J[1]).
- (c) Issued in connection with the Series D preferred stock and notes.
- (d) Issued with private offering of Series E preferred stock (see Note F[1]).
- (e) Issued to a software development company for services rendered. The Company recognized an \$80,000 expense in 2001 related to the warrants based on their estimated fair value using the Black-Scholes option pricing model utilizing the following weighted average assumptions: risk free rate of 4.5%, expected life of 3 years, volatility of 113%, and a dividend yield of 0. The software development company has claimed they are entitled to additional warrants for the services rendered (see Note G[4]).

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#### NETWORK-1 SECURITY SOLUTIONS, INC.

#### NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2003 AND 2002

#### NOTE G - COMMITMENTS AND CONTINGENCIES

##### [1] OPERATING LEASES:

At December 31, 2002, the Company leased an office facility in Massachusetts, being its principal office, which expired during February 2003. During 2002, the Company closed its New Hampshire and Shanghai, China, office facilities. The Company moved its principal offices to a space in New York City and pays rent on a month-to-month basis (see Note A).

Rental expense for the years December 31, 2003 and 2002 aggregated \$42,000 and \$376,000, respectively.

##### [2] SOFTWARE DISTRIBUTION AGREEMENT:

Pursuant to an agreement under which certain technology was developed for the Company, royalty payments of up to \$100,000 may be payable. As of December 31, 2003, royalties owed pursuant to such agreement were not significant.

##### [3] SAVINGS AND INVESTMENT PLAN:

The Company has a Savings and Investment Plan which allows participants to make contributions by salary reduction pursuant to Section 401(k) of the Internal Revenue Code of 1986. The Company also may make discretionary annual matching contributions in amounts determined by the Board of Directors, subject to statutory limits. The Company did not make any contributions to the 401(k) Plan during the years ended December 31, 2003 and 2002.

##### [4] SOFTWARE DEVELOPMENT CONTRACT DISPUTE:

The Company has a dispute with a software development company pertaining to the number of warrants the Company is required to issue for services

rendered. The software development company has claimed they are entitled to approximately 325,000 additional warrants than the Company has included in the warrants outstanding in Note F[3]. The Company has included in accrued expenses any additional liability it reasonably expects to incur regarding this matter.

NOTE H - INCOME TAXES

At December 31, 2003, the Company has available net operating loss carryforwards to reduce future federal taxable income of approximately \$31,165,000 for tax reporting purposes, which expire from 2009 through 2023. Pursuant to the provisions of the Internal Revenue Code, future utilization of these past losses is subject to certain limitations based on changes in the ownership of the Company's stock that have occurred.

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NETWORK-1 SECURITY SOLUTIONS, INC.

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2003 AND 2002

NOTE H - INCOME TAXES (CONTINUED)

The principal components of the net deferred tax asset are as follows:

	YEAR ENDED DECEMBER 31,	
	2003	2002
Deferred tax assets:		
Net operating loss carryforwards	\$ 11,687,000	\$ 11,238,000
Options and warrants not yet deducted, for tax purposes	676,000	659,000
Other	146,000	382,000
	12,509,000	12,279,000
Valuation allowance	(12,509,000)	(12,279,000)
Net deferred tax assets	\$ 0	\$ 0

The Company has recorded a valuation allowance for the full amount of its deferred tax assets as the likelihood of its future realization cannot be presently determined. The valuation allowance increased by \$230,000 in 2003 and \$2,138,000 in 2002.

The reconciliation between the taxes as shown and the amount that would be computed by applying the statutory federal income tax rate to the loss before income taxes is as follows:

	YEAR ENDED DECEMBER 31,	
	2003	2002
Income tax benefit - statutory rate	(34.0)%	(34.0)%
State and local, net	(3.5)	(3.5)
Increase in valuation allowance on deferred tax assets	37.5	37.5
	0.0%	0.0%

NOTE I - CONCENTRATIONS

The Company places its cash investments in high quality financial institutions insured by the Federal Deposit Insurance Corporation ("FDIC"). At December 31, 2003, the Company maintained cash balances of \$878,000 in excess of FDIC limits.

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NETWORK-1 SECURITY SOLUTIONS, INC.

NOTES TO FINANCIAL STATEMENTS  
DECEMBER 31, 2003 AND 2002

## NOTE J - RELATED PARTY TRANSACTIONS AND RELATIONSHIPS

- [1] In June 2001, upon the resignation of the Company's Chief Executive Officer, the Company entered into a six-month consulting agreement with CMH, a company owned by the Chairman of the Board of the Company. Pursuant to the agreement, the Company paid CMH \$17,500 per month and issued a warrant to purchase 300,000 shares of the Company's common stock at an exercise price of \$.70 per share, which was the market price of the common stock on the date of issuance. The warrants were valued utilizing the Black-Scholes option pricing model, resulting in an estimated fair value of \$180,000, which was expensed in 2001. In addition, in October 2001, as consideration for additional consulting and financial services, the Company issued warrants to purchase 250,000 shares of common stock at an exercise price of \$1.48 per share which were expensed. In January 2002, the agreement was extended to the lesser of six months or three months after the date of hire of a new Chief Executive Officer. In July 2002, the agreement was further extended until December 31, 2002. Until December 2003, the Company continued its consulting arrangement with CMH on a month-to-month basis. In addition, CMH was reimbursed for \$41,000 and \$50,000 of expenses incurred during the years ended December 31, 2003 and 2002, respectively, including the allocable portion of rent for office space in New York City. In December 2003, Mr. Horowitz, the sole officer and stockholder of CMH, became Chairman and Chief Executive Officer of the Company (see Note K) and the CMH consulting agreement was terminated.
- [2] In December 2001, the Company entered into a one-year financial advisory agreement with an investment banking firm, which required the Company to pay \$200,000 over the next ten months. At the time of entering into the agreement, the firm's Chairman of the Board owned shares of Series E preferred stock and an affiliate was the general partner of a partnership that owned common stock and held convertible notes, subsequently converted into common stock. During 2002, the Company agreed with the investment banking firm that no further services would be needed and that payments in the aggregate of \$40,000 be considered as full satisfaction under the agreement which was accrued at December 31, 2002 and paid in January 2003. The Company charged \$153,000 to operations during the year ended December 31, 2002.
- [3] As noted in F[1], the Company entered into a ten-year License and Distribution Agreement with Falconstor, an investor in the 2001 Financing. This agreement required Falconstor to pay royalties after utilizing the Advance as a credit. Deferred revenue at December 31, 2002 included \$130,000 from this agreement, representing the unearned portion of the \$150,000 allocated from the Advance to the license fee, less accumulated royalties earned of \$20,000 through December 31, 2002. On May 30, 2003, as part of the Company's sale of its assets to the purchaser, the Company assigned its rights under the Falconstor Agreement to the Purchaser of its software (Note L) and recognized as income, the balance of the deferred revenue during 2003. One of the Company's principal stockholders is also a principal stockholder of Falconstor, and an affiliated entity is the Series E designee noted in F[1].

## NOTE K - EMPLOYMENT ARRANGEMENTS

On December 22, 2003, the Company entered into an arrangement with Corey M. Horowitz to serve as the Chairman and Chief Executive Officer of the Company. The Company will pay a salary of \$210,000. In addition, Mr. Horowitz received options to purchase 1,600,000 shares of common stock (see Note F[2](d)). If, at anytime up to December 31, 2005, the Company completes a financing transaction and issues common stock or any other securities convertible or exercisable into common stock, Mr. Horowitz will receive additional options to purchase common stock, up to a maximum of 600,000 options, so that he will maintain his ownership percentage of options and warrants as of December 22, 2003.

F-19

## NETWORK-1 SECURITY SOLUTIONS, INC.

### NOTES TO FINANCIAL STATEMENTS DECEMBER 31, 2003 AND 2002

## NOTE L - GAIN ON SALE OF ASSETS

On May 30, 2003, the Company completed the sale of its CyberwallPlus technology and related intellectual property and assignment of its rights under the Falconstar Agreement for aggregate proceeds of \$415,000. The carrying value of these assets was written down to zero in the third quarter of 2002. The \$415,000

is reflected as "Gain on Sale of Assets" in the statements of operations.

#### NOTE M - SUBSEQUENT EVENTS

- [1] In January 2003, the former Chief Financial Officer and a director (the "Former CFO") of the Company commenced a lawsuit against the Company for breach of his employment agreement for \$190,000. In February 2004, the Company agreed to pay \$55,000 to the Former CFO in full settlement of all claims asserted, which is accrued in the accompanying financial statements.
- [2] In January 2004, the Company entered into an agreement with an individual to serve as the Company's Chief Financial Officer (the "New CFO"). The agreement expires on December 31, 2004 and provides for a base salary of \$5,500 per month for the period January 22, 2004 through April 30, 2004, \$4,500 per month for the period May 1, 2004 through August 31, 2004 and \$3,500 per month from September 1, 2004 through December 31, 2004. In connection with his agreement, the New CFO received options to purchase 50,000 shares of common stock of the Company at \$0.35 per share under the Company's stock option plan, at the fair market value of the shares on the date of the grant, 20,000 of these options vest immediately and the balance vests on a monthly basis through December 31, 2004.
- [3] In March 2004, PowerDsine Inc. ("PowerDsine") commenced an action against the Company in the United District Court, Southern District of New York, seeking a declaratory judgment that the Company's patent (U.S. Patent No. 6,218,930) covering the remote delivery of power over Ethernet (the "Remote Power Patent") is not infringed by PowerDsine and/or its customers. PowerDsine further seeks an order permanently enjoining the Company (i) from making any claims to any person or entity that PowerDsine's products infringe the Remote Power Patent or contribute to infringement of the patent, (ii) from interfering with or threatening to interfere with the importation, sale, license or use of PowerDsine's power over Ethernet components or products, and (iii) from instituting or prosecuting any lawsuit or proceeding, placing at issue the right of PowerDsine, its customers, licensees, successors, or assigns to import, use or sell PowerDsine's power over Ethernet components or products. The Company believes its Remote Power Patent is valid and has meritorious defenses to the action. The Company intends to vigorously defend the action and take whatever actions are necessary to protect its intellectual property.
- [4] In April 2004, the Company entered into an exchange agreement with the holders of the Company's Series E ("Series E") and Series D ("Series D") convertible preferred stock to exchange 2,483,508 shares of Series E into 6,208,770 shares of common stock and 231,054 shares of Series D into 489,348 shares of common stock. As an inducement for agreeing to such conversion, the holders of the Series E and Series D received 1.25 times the number of shares of common stock that each preferred stockholder would have otherwise received upon conversion. The holders of preferred stock participating in the exchange included, among others, CMH (1,084,935 of Series E shares), the wife of Corey M. Horowitz (35,377 of Series E shares) and other principal stockholders of the Company (990,552 of Series E shares and 209,125 of Series D shares).

NETWORK-1 SECURITY SOLUTIONS, INC.  
445 PARK AVENUE, SUITE 1028  
NEW YORK, N.Y. 10022

December 22, 2003

Corey M. Horowitz  
c/o CMH Capital Management Corp.  
445 Park Avenue, Suite 1028  
New York, N.Y. 10022

Dear Corey:

On behalf of Network-1 Security Solutions, Inc. ("Network-1"), this offer letter will confirm our mutual understanding concerning your agreeing to become Chief Executive Officer and Chairman of Network-1 as of the date hereof, subject to the terms and provisions set forth herein. You will also continue to serve as Chairman of Network-1's Board of Directors. The following is a summary of the material terms of your employment.

1. Title. Effective upon the date hereof, you will become Chief Executive Officer and Chairman of Network-1 and will receive the base salary set forth in paragraph 2 hereof. As a result of your assuming these positions on the date hereof, Network-1's consulting arrangement with CMH will cease to exist as of the date hereof.
2. Compensation. Your base salary will be \$210,000 (equal to the annual consulting fees previously paid to CMH Capital Management Corp. ("CMH")).
3. Benefits. You shall be entitled to participate in group health, dental, life insurance benefits, and Network-1's retirement plan benefits made available to executive officers and other employees. You will be entitled to four (4) weeks vacation per year.
4. Options. (a) Upon the execution of this offer letter, you are hereby granted five (5) year options to purchase an aggregate of 1.6 million shares of common stock of Network-1 (the "Options"), under the Company's Stock Option Plan, as follows: (i) an incentive stock option to purchase an aggregate of 1,084,782 shares of Common Stock, at an exercise price of \$.23 per share, of which 434,782 shares shall vest on the date hereof, 250,000 shares shall vest on December 22, 2004, and 200,000 shares shall vest on each of December 22, 2005 and December 22, 2006 and (ii) a non-qualified stock option to purchase an aggregate of 515,218 shares of Common Stock, at an exercise price of \$.13 per share, which shall vest in full on the date hereof.

The form of incentive stock option and non-qualified stock option are attached as Exhibits A and B hereto. After the issuance of the Options, the ownership interest of you and CMH in Network-1 represented by currently owned stock options (including the Options) and warrants as of the date hereof will be equal to 15.6% on a fully diluted basis (assuming the exercise and conversion of all outstanding options, warrants and convertible securities) (the "Derivative Ownership Percentage"), as set forth on Exhibit C hereto.

(b) At anytime during the period ended December 31, 2005, in the event that Network-1 completes a financing (either a single transaction or series of transactions) consisting of the issuance of common stock or any other securities convertible or exercisable into common stock, you shall receive from Network-1 such number of additional options to purchase Common Stock up to a maximum of 600,000 shares (subject to adjustment in the event of a stock split, reorganization, etc.) so that you maintain your Derivative Ownership Percentage.

5. Employee-At-Will. This offer letter does not constitute an employment agreement and your relationship with Network-1 shall be one of an employee-at-will until such time (if at all) a mutually acceptable employment agreement is executed by you and Network-1.



6. Confidentiality Agreement. You agree to execute Network-1's standard confidentiality agreement that is required to be executed by all of our employees.

If this letter correctly confirms our understanding, kindly execute below.

Sincerely,

s/Edward James

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Edward James  
Interim Chief Executive Officer and Chief  
Financial Officer  
Network-1 Security Solutions, Inc.

Agreed and Accepted:

s/Corey M. Horowitz

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Corey M. Horowitz

EXHIBIT A

NETWORK-1 SECURITY SOLUTIONS, INC.

INCENTIVE STOCK OPTION

Date of Grant: December 22, 2003

To: Corey M. Horowitz  
1085 Park Avenue  
New York, New York 10128

You are hereby granted an option (the "Option"), effective as of the date hereof, to purchase 1,084,782 shares of Common Stock, par value \$.01 per share ("Common Stock"), of Network-1 Security Solutions, Inc. (the "Company") at an exercise price of \$.23 per share (the "Exercise Price") pursuant to the Company's Stock Option Plan, as amended (the "Plan"). Your Exercise Price is intended to equal at least the fair market value of the Company's Common Stock as of the date hereof; provided, however, that if, at the time this Option is granted, you own stock possessing more than 10% of the total combined voting power of all shares of stock of the Company or any parent or subsidiary (an "Affiliate") of the Company (a "10% Shareholder"), your Exercise Price is intended to be at least 110% of the fair market value of the Company's Common Stock as of the date hereof.

Your Option shall vest over a three (3) year period as follows: (i) 434,782 shares on the date hereof; (ii) 250,000 shares on the one year anniversary from the date hereof; (iii) 200,000 shares on the two year anniversary from the date hereof; and (iv) 200,000 shares on the three year anniversary from the date hereof.

In the event of (i) a "change of control" (as hereinafter defined) of the Company occurs at any time prior to the Expiration Date (as hereinafter defined), your Option may, from and after such date, and notwithstanding the second paragraph of this Option, be exercised for up to 100% of the total number of shares then subject to the Option minus the number of shares previously purchased upon exercise of the Option (as adjusted for any changes in the outstanding Common Stock by reason of a stock dividend, stock split, combination of shares, recapitalization, merger, consolidation, transfer of assets, reorganization, conversion or what the Compensation Committee deems in its sole discretion to be similar circumstances).

A "Change of Control" shall be deemed to have occurred upon the happening of any of the following events:(i) the shareholders of the Company approve a

merger or consolidation of the Company with any other entity, other than a merger or consolidation which would result in the voting securities of the Company outstanding immediately prior thereto continuing to represent more than fifty percent (50%) of the total voting power represented by the voting securities of the Company or such surviving entity outstanding immediately after such merger or consolidation, or the shareholders of the Company approve a plan of complete liquidation of the Company or consummate the sale or disposition by the Company of all or substantially all of the Company's assets (other than to a subsidiary or subsidiaries) or (ii) any other event deemed to constitute a "Change of Control" by the Board of Directors of the Company.

In lieu of paying the Exercise Price in cash and/or upon exercise of the Option, you may elect a "cashless exercise" in which event you will receive upon exercise a reduced number of shares equal to (i) the number of shares that would be issuable pursuant to this Option upon payment of the Exercise Price minus (ii) the number of shares that have an aggregate Market Price (as defined below) equal to the Exercise Price.

The shares subject to this Option shall be adjusted for any change in the outstanding shares of the Common Stock of the Company by reason of a stock dividend, stock split, combination of shares, recapitalization, merger, consolidation, transfer of assets, reorganization, conversion or what the Compensation Committee deems in its sole discretion to be similar circumstances. No fractional shares shall be issued or delivered.

This Option shall terminate and is not exercisable after the expiration of five years from the date of its grant (five years from the date of grant rather than ten years from the time of the grant, because you are a 10% Shareholder), except if terminated earlier as hereinafter provided (the "Expiration Date").

You may exercise your option as set forth in Section 7 of the Plan.

If the Company's Common Stock has not been registered under Section 12 of the Securities Exchange Act of 1934, the exercise of your Option will not be effective unless and until you execute and deliver to the Company a Stock Restriction Agreement, in the form on file in the office of the Secretary of the Company.

Your Option will, to the extent not previously exercised by you, terminate one (1) year after the date on which your employment by the Company or Affiliate of the Company is terminated, whether such termination is voluntary or not, whether by reason of disability as defined in Section 22(e)(3) of the Internal Revenue Code of 1986, as amended (the "Code"), and the regulations thereunder, or death. After the date your employment is terminated, as aforesaid, you may exercise this Option only for the number of shares which you had a right to purchase and did not purchase on the date your employment terminated. If you are employed by an Affiliate of the Company, your employment shall be deemed to have terminated on the date your employer ceases to be an Affiliate of the Company, unless you are on that date transferred to the Company or

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another Affiliate of the Company. Your employment shall not be deemed to have terminated if you are transferred from the Company to an Affiliate, or vice versa, or from one Affiliate to another Affiliate.

If you die while employed by the Company or an Affiliate of the Company, your legatee(s), distributee(s), executor(s) or administrator(s), as the case may be, may, at any time within one (1) year after the date of your death, exercise the Option as to any shares which you had a right to purchase and did not purchase during your lifetime. If your employment with the Company, or an Affiliate is terminated by reason of your becoming disabled (within the meaning of Section 22(e)(3) of the Code and the regulations thereunder), you or your legal guardian or custodian may at any time within one (1) year after the date of such termination, exercise the Option as to any shares which you had a right to purchase and did not purchase prior to such termination. Your legatee, distributee, executor, administrator, guardian or custodian must present proof of his authority satisfactory to the Company prior to being allowed to exercise this Option.

This Option is not transferable otherwise than by will or the laws of descent and distribution, and is exercisable during your lifetime only by you, including, for this purpose, your legal guardian or custodian in the event of

disability. Until the Option Price has been paid in full pursuant to due exercise of this Option and the purchased shares are delivered to you, you do not have any rights as a shareholder of the Company. The Company reserves the right not to deliver to you the shares purchased by virtue of the exercise of this Option during any period of time in which the Company deems, in its sole discretion, that such delivery would violate a federal, state, local or securities exchange rule, regulation or law.

The following two paragraphs shall be applicable if, on the date of exercise of this Option, the Common Stock to be purchased pursuant to such exercise has not been registered under the Securities Act of 1933, as amended, and under applicable state securities laws, and shall continue to be applicable for so long as such registration has not occurred:

(a) You hereby agree, warrant and represent that you will acquire the Common Stock to be issued hereunder for your own account for investment purposes only, and not with a view to, or in connection with, any resale or other distribution of any of such shares, except as hereafter permitted. You further agree that you will not at any time make any offer, sale, transfer, pledge or other disposition of such Common Stock to be issued hereunder without an effective registration statement under the Securities Act of 1933, as amended, and under any applicable state securities laws or an opinion of counsel acceptable to the Company to the effect that the proposed transaction will be exempt from such registration. You shall execute such instruments, representations, acknowledgements and agreements as the Company may, in its sole discretion, deem advisable to avoid any violation of federal, state, local or securities exchange rule, regulation or law; (b) The certificates for Common Stock to be issued to you hereunder shall bear the following legend:

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"The shares represented by this certificate have not been registered under the Securities Act of 1933, as amended, or under applicable state securities laws. The shares have been acquired for investment and may not be offered, sold, transferred, pledged or otherwise disposed of without an effective registration statement under the Securities Act of 1933, as amended, and under any applicable state securities laws or an opinion of counsel acceptable to the Company that the proposed transaction will be exempt from such registration."

The foregoing legend shall be removed upon registration of the legended shares under the Securities Act of 1933, as amended, and under any applicable state laws or upon receipt of any opinion of counsel acceptable to the Company that said registration is no longer required.

The sole purpose of the agreements, warranties, representations and legend set forth in the two immediately preceding paragraphs is to prevent violations of the Securities Act of 1933, as amended, and any applicable state securities laws.

It is the intention of the Company and you that this option shall, if possible, be an "Incentive Stock Option" as that term is used in Section 422 of the Code and the regulations thereunder. In the event this Option is in any way inconsistent with the legal requirements of the Code or the regulations thereunder for an "Incentive Stock Option" this Option shall be deemed automatically amended as of the date hereof to conform to such legal requirements, if such conformity may be achieved by amendment.

This Option shall be subject to the terms of the Plan in effect on the date this Option is granted, which terms are hereby incorporated herein by reference and made a part hereof. In the event of any conflict between the terms of this Option and the terms of the Plan in effect on the date of this Option, the terms of the Plan shall govern. This Option constitutes the entire understanding between the Company and you with respect to the subject matter hereof and no amendment, modification or waiver of this Option, in whole or in part, shall be binding upon the Company unless in writing and signed by an appropriate officer of the Company. This Option and the performances of the parties hereunder shall be construed in accordance with and governed by the laws of the State of New York without regard to principles of conflict of law.

Please sign the copy of this Option and return it to the Company, thereby indicating your understanding of and agreement with its terms and conditions.

NETWORK-1 SECURITY SOLUTIONS, INC.

By:

-----  
Edward James  
Chief Financial Officer

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I hereby acknowledge receipt of a copy of the foregoing Stock Option for 1,084,782 shares at an Exercise Price of \$.23 per share and the Network-1 Security Solutions, Inc. Stock Option Plan, and having read such documents, hereby signify my understanding of, and my agreement with, their terms and conditions.

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Corey M. Horowitz

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(Date) December 22, 2003

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EXHIBIT B

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NON-QUALIFIED STOCK OPTION

To: Corey M. Horowitz  
1085 Park Avenue  
New York, New York 10128

Date of Grant: December 22, 2003

You are hereby granted an option (the "Option"), effective as of the date hereof, to purchase 515,218 shares of Common Stock, par value \$.01 per share

("Common Stock"), of Network-1 Security Solutions, Inc. (the "Company") at an exercise price of \$.13 per share (the "Option Price") pursuant to the Company's 1996 Option Plan, as amended (the "Plan"). Your Option shall terminate and is not exercisable after the expiration of five (5) years from the date of its grant (the "Expiration Date"). Your Option shall vest in its entirety on the date hereof.

The shares subject to this Option shall be adjusted for any change in the outstanding shares of the Common Stock of the Company by reason of a stock dividend, stock split, combination of shares, recapitalization, merger, consolidation, transfer of assets, reorganization, conversion or what the Compensation Committee deems in its sole discretion to be similar circumstances. No fractional shares shall be issued or delivered.

In lieu of paying the Option Price in cash and/or upon exercise of the Option, you may elect a "cashless exercise" in which event you will receive upon exercise a reduced number of shares equal to (i) the number of shares that would be issuable pursuant to this Option upon payment of the Option Price minus (ii) the number of shares that have an aggregate Market Price (as defined below) equal to the Option price.

You may exercise your Option as set forth in Section 7 of the Plan.

If the Company's Common Stock has not been registered under Section 12 of the Securities Exchange Act of 1934, the exercise of your Option will not be effective unless and until you execute and deliver to the Company a Stock Restriction Agreement, in the form on file in the office of the Secretary of the Company.

This Option is not transferable (except to a Permitted Transferee as provided in the Plan) otherwise than by will or the laws of descent and distribution. Until the Option price has been paid in full pursuant to due exercise of this Option and the purchased shares are delivered to you, you do not have any rights as a shareholder of the Company. The Company reserves the right not to deliver to you the shares purchased by virtue of the exercise of this Option during any period of time in which the Company deems, in its sole discretion, that such delivery would violate a federal state, local or securities exchange rule, regulation or law.

For purposes of any computations made hereunder, "Market Price" per share of Common Stock on any date shall be: (i) if the Common Stock is listed or admitted for trading on any national securities exchange, the last reported sales price as reported on such national securities exchange; (ii) if the Common Stock is not listed or admitted for trading on any national securities exchange, the last reported closing price for the Common Stock as reported on the Nasdaq Stock Market's National Market ("NNM") or Nasdaq Stock Market's Small Cap Market ("NSM") or a similar service if NNM or NSM are not reporting such information; (iii) if the Common Stock is not listed or admitted for trading on any national securities exchange, NNM or NSM or a similar service, the average of the last reported bid and asked quotation for the Common Stock as quoted by a market maker in the Common Stock (or if there is more than one market maker, the bid and asked quotation shall be obtained from two market makers and the average of the lowest bid and highest asked quotation shall be the "Market Price"); or (iv) if the Common Stock is not listed or admitted for trading on any national securities exchange or NNM or quoted by NSM and there is no market maker in the Common Stock, the fair market value of such shares as determined in good faith by the Board of Directors of the Company.

This Option shall be subject to the terms of the Plan in effect on the date this Option is granted, which terms are hereby incorporated herein by reference and made a part hereof. In the event of any conflict between the terms of this Option and the terms of the Plan in effect on the date of this Option, the terms of the Plan shall govern. This Option constitutes the entire understanding between the Company and you with respect to the subject matter hereof and no amendment, modification or waiver of this Option, in whole or in part, shall be binding upon the Company unless in writing and signed by an appropriate officer of the Company. This Option and the performances of the parties hereunder shall be construed in accordance with and governed by the laws of the State of New York without regard to principles of conflict of law.

Please sign the copy of this Option and return it to the Company, thereby indicating your understanding of and agreement with its terms and conditions.

NETWORK-1 SECURITY SOLUTIONS, INC.

By:

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Edward James  
Chief Financial Officer

The undersigned hereby acknowledges receipt of a copy of the foregoing Stock Option and the Network-1 Security Solutions, Inc. 1996 Stock Option Plan, as amended, and having read such documents, hereby signify my understanding of, and my agreement with, their terms and conditions.

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Corey M. Horowitz

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(Date) December 22, 2003

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EXHIBIT C

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Capitalization of Network-1

Common Stock	8,314,458
Preferred D Stock (as converted)	391,478
Preferred E Stock (as converted)	4,967,016
Warrants (issued in Preferred E financing)	500,000
Warrants (issued in Preferred D financing)	1,352,048
Other Warrants	992,582
Options under Stock Option Plan (including New 1,600,000 CMH options)	3,252,370
Total Fully Diluted	19,769,952

CMH/Corey Horowitz Options/Warrants	3,132,241
Derivative Percentage	15.8%

EXHIBIT 10.4

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NETWORK-1 SECURITY SOLUTIONS, INC.  
445 PARK AVENUE, SUITE 1028  
NEW YORK, N.Y. 10022

January 22, 2004

Mr. David Kahn  
380 Hempstead Ave, Suite 5  
West Hempstead, NY 11552

Dear David;

On behalf of Network-1 Security Solutions, Inc. (the "Company"), this letter summarizes the terms upon which Network-1 will retain the services of David C. Kahn, CPA to serve as Chief Financial Officer of the Company.

The Company has agreed to use your services for the year ending December 31, 2004. In consideration thereof, you shall be paid as follows:

- (i) \$5500 per month for the period from the date of this letter through April 30, 2004;
- (ii) \$4500 per month from May 1, 2005 through August 31, 2004; and
- (iii) \$3500 per month from September 1, 2004 through December 31, 2004.

Subject to the approval of the Company's Board of Directors, you will also receive options (the "Option") to purchase 50,000 shares of common stock of Network-1, under the Company's Stock Option Plan, at an exercise price equal to the fair market value of the shares on the date of approval by the Company's Board of Directors. 20,000 shares underlying the Option shall vest immediately and the balance shall vest on a monthly basis through December 31, 2004.

As Chief Financial Officer of the Company you will be responsible, among other things, for the maintenance of the books and records of the Company, the preparation of tax returns and financial statements for the Board of Directors of the Company and for required financial filings with the Securities and Exchange Commission including certifications required to be signed by you as Chief Financial Officer. You will be also be required to sign the Company's standard work for hire non-competition, nondisclosure, and confidentiality agreement.

You understand that your relationship with the Company will be as an independent contractor and not as an employee. The Company may terminate this letter agreement and your services at anytime for any reason. However, in the event your employment is terminated without "Good Cause" (as defined below), you shall be entitled to receive the balance of the payments owed to you through December 31, 2004 and the accelerated vesting of all remaining unvested Options. A termination for "Good Cause" shall be defined as follows: (i) commission of an act constituting a felony or involving fraud, moral turpitude, theft or dishonesty which is not a felony and which materially adversely affects the Company or could reasonably be expected to materially adversely affect the Company, (ii) failure to perform your duties as Chief Financial Officer which, if curable, shall not have been cured with 10 days written notice from the Company, (iii) failure to follow the lawful directions of the Board of Directors of the Company, which, if curable, shall not have been cured within 10 days written notice from the Company, or (iv) a material breach of the terms of this letter agreement.

This letter agreement shall be governed by the laws of the State of New York without regard to principles of conflict of laws.

It is a great pleasure to welcome you to Network-1 Security Solutions, Inc. I fully expect that you will make a major contribution to the Company's success.

Sincerely,

/s/ Corey M. Horowitz



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Corey M. Horowitz,  
Chairman and CEO

I accept the offer to join Network-1 Security Solutions, Inc. and confirm the understanding of the above terms and conditions.

/s/ David C. Kahn, CPA

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David C. Kahn, CPA

Date: January 22, 2004

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EXCHANGE AGREEMENT  
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AGREEMENT, dated as of April 13, 2004, by and among NETWORK-1 SECURITY SOLUTIONS, INC. (the "Company"), a Delaware corporation with offices at 445 Park Avenue, Suite 1028, New York, New York 10022, and the holders of the Company's Series E Convertible Stock (the "Series E Preferred Stock") and the Series D Convertible Preferred Stock (the "Series D Preferred Stock") signatory hereto (collectively, the "Preferred Stockholders").

WHEREAS, as part of a recapitalization of the Company, the Board of Directors of the Company has determined that it is in the best interest of the Company to eliminate its outstanding shares of Preferred Stock (the "Preferred Stock") by exchanging such securities for shares of Common Stock, par value \$.01 per share, of the Company (the "Common Stock"), upon the terms and subject to the conditions set forth herein;

WHEREAS, each of the Preferred Stockholders and the Company desire that the Preferred Stockholders exchange (i) 2,483,508 shares of Series E Preferred Stock which is convertible into 4,967,016 shares of Common Stock and (ii) 231,054 shares of Series D Preferred Stock which is convertible into 391,478 shares of Common Stock, for an aggregate of 6,698,118 shares of Common Stock, or 1.25 times the number of shares of Common Stock for each share of Common Stock that each Preferred Stockholder would have received upon conversion of their Preferred Stock, all upon the terms and subject to the conditions set forth therein. The Common Stock issuable in exchange for the shares of Preferred Stock are referred to herein as the "Shares."

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

ARTICLE I

Issuance of Shares for Preferred Stock  
-----

1.1 Exchange Agreement. At the Closing provided for in Section 1.2, the Company will issue to each Preferred Stockholder and, subject to the terms and conditions of this Agreement, each Preferred Stockholder will exchange the Preferred Stock for the number of Shares set forth in Exhibit A hereto (the "Exchange") in accordance with Schedule A hereto.

1.2 The Closing. The closing of the Exchange (the "Closing") shall take place at the offices of Olshan Grundman Frome Rosenzweig & Wolosky, LLP, Park Avenue Tower, 65 East 55th Street, New York, New York on the date that this Agreement is executed by the parties hereto (the time and date of the Closing being herein referred to as the "Closing Date"). On the Closing Date there will be delivered to the Preferred Stockholders the Shares on the Closing Date against delivery and cancellation of the original Preferred Stock in accordance with Schedule A hereto.

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ARTICLE II

Representations, Warranties, and Agreements of the Company  
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The Company represents and warrants to the Preferred Stockholders as follows:

2.1 Corporate Organization and Qualification. The Company is a corporation duly organized and validly existing under the laws of the State of Delaware and is qualified to transact business as a foreign corporation in every jurisdiction in which its ownership, leasing, licensing, or use of property or assets or the conduct of its business makes such qualification necessary, except in such jurisdictions where the failure to be so qualified would not have a material adverse effect on the business, results of operations, financial condition, or prospects of the Company. The Company has all required power and

authority to own its property and to carry on its business as now conducted and proposed to be conducted.

2.2 Validity of Transaction. The Company has all requisite power and authority to execute, deliver, and perform this Agreement, and to issue the Shares in exchange for the Preferred Stock as part of the Exchange. All necessary corporate proceedings of the Company have been duly taken to authorize the execution, delivery, and performance of this Agreement, and to authorize the issuance of the Shares for the Preferred Stock as part of the Exchange. This Agreement, has been duly authorized, executed, and delivered by the Company, and constitutes the legal, valid, and binding obligation of the Company, and is enforceable as to the Company in accordance with its respective terms, except as may be limited by applicable bankruptcy, reorganization, insolvency, moratorium, or other similar laws or by legal or equitable principles relating to or limiting creditors' rights generally or as rights to indemnification may be limited by applicable securities laws. Except as to filings which may be required under applicable state securities regulations, no consent, authorization, approval, order, license, certificate, or permit of or from, or declaration or filing with, any Federal, state, local, or other governmental authority or of any court or other tribunal is required by the Company in connection with the transactions contemplated hereby. No consent of any party to any contract, agreement, instrument, lease, license, arrangement, or understanding to which the Company is a party, or by which any of its properties or assets is bound, is required for the execution, delivery, or performance by the Company of this Agreement, and the execution, delivery, and performance of this Agreement, will not violate, result in a breach of, conflict with, or (with or without the giving of notice or the passage of time or both) entitle any party to terminate or call a default under any such contract, agreement, instrument, lease, license, arrangement, or understanding, or violate or result in a breach of any term of the Certificate of Incorporation or By-laws of the Company, or violate, result in a breach of, or conflict with any law, rule, regulation, order, judgment, or decree binding on the Company or to which any of its operations, business, properties, or assets is subject. The Shares issuable in exchange for the Shares are duly authorized, will be validly issued, fully paid, and nonassessable, will not have been issued in violation of any preemptive right of stockholders or rights of first refusal, and the Preferred Stockholders will have good title to the Shares, free and clear of all liens, security interests, pledges, charges, encumbrances, stockholders agreements and voting trusts (other than any created by the Preferred Stockholders).

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2.3 Capitalization. The authorized capital stock of the Company consists of 40,000,000 shares of Common Stock and 10,000,000 shares of preferred stock, par value \$.01 per share (the "Preferred Stock"), of which 1,250,000 shares have been designated Series D Convertible Preferred Stock and 3,500,000 shares have been designated Series E Convertible Preferred Stock, having the designations, dividend rights, voting powers, conversion and redemption rights, rights on liquidation or dissolution, and other preferences and relative, participating, optional, or other preferences and relative, participating, optional, or other special rights, and the qualifications, limitations or restrictions thereof, set forth in their respective Certificates of Designations. Immediately prior to the Closing, the Company shall have 8,314,458 shares of Common Stock, 2,483,508 shares of Series E Convertible Preferred Stock, and 231,054 shares of Series D Convertible Preferred Stock outstanding. All issued and outstanding shares of Common Stock and Preferred Stock have been validly issued and are fully paid and nonassessable and have not been issued in violation of any Federal or state securities laws. Except for (a) upon the exercise of the options and warrants which are currently outstanding to purchase 5,481,860 shares of Common Stock (including options to purchase 3,297,370 under the Company's Stock Option Plan), there are not, as of the date hereof, any outstanding or authorized subscriptions, options, warrants, calls, rights, commitments, or any other agreements obligating the Company to issue (i) any additional shares of its capital stock or (ii) any securities convertible into, or exercisable or exchangeable for, or evidencing the right to subscribe for, any shares of its capital stock. Other than the Company's Stock Option Plan, the Company has not adopted or authorized any plan for the benefit of its officers, employees, or directors which require or permit the issuance, sale, purchase, or grant of any shares of the Company's capital stock, any securities convertible into, or exercisable or exchangeable for, or evidencing the right to subscribe for any shares of the Company's capital stock, or any phantom shares or any stock appreciation rights.

2.4 SEC Filings. The Company has filed all forms, reports, statements and other documents required to be filed with (i) the SEC including, without limitation, (A) all Annual Reports on Form 10-KSB, (B) all Quarterly Reports on Form 10-QSB, (C) all Reports on Form 8-K, (D) all other reports or registration statements and (E) all amendments and supplements to all such reports and registration statements (collectively referred to as the "SEC Reports") and (ii) any other applicable state securities authorities (all such forms, reports, statements and other documents in (i) and (ii) of this Section 2.4 being referred to herein, collectively, as the "Reports"). The Reports (i) were prepared in all material respects in accordance with the requirements of applicable law (including, with respect to the SEC Reports, the Securities Act of 1933, as amended (the "Securities Act"), and the Securities Exchange Act of 1934, as amended (the "Exchange Act"), as the case may be, and the rules and regulations of the SEC thereunder applicable to such SEC Reports) and (ii) did not at the time they were filed contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. In addition, since the last quarterly report of the Company on Form 10-QSB filed with the SEC, there have been no material events that require disclosure under the Exchange Act.

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### ARTICLE III

#### Representations and Warranties of the Preferred Stockholders

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Each of the Preferred Stockholders, severally and not jointly, represents and warrants to the Company as follows:

3.1 Organization. Such Preferred Stockholder (if not an individual) is duly organized under the laws of the state of its jurisdiction of organization and has full power and authority to enter into this Agreement and to consummate the transactions set forth herein. All necessary proceedings have been duly taken to authorize the execution, delivery, and performance of this Agreement by such Preferred Stockholder (if not an individual).

3.2 Accredited Investor; Access to Information. Such Preferred Stockholder and, to the knowledge of such Preferred Stockholder, each limited partner of such Preferred Stockholder in the case of a Preferred Stockholder which is a limited partnership, and each partner of such Preferred Stockholder in the case of a Preferred Stockholder which is a general partnership, is an "accredited investor," as that term is defined in Rule 501 of Regulation D promulgated under the Securities Act. Such Preferred Stockholder, shareholders of the general partner of such Preferred Stockholder, if any, and each of the limited partners of such Preferred Stockholder, if any, has had substantial experience in private securities transactions like this one and has had a full opportunity to discuss the business, management, and financial affairs of the Company with the Company's management. Such Preferred Stockholder has received all requested documents from the Company and has had a full opportunity to ask questions of, and receive answers from, the officers of the Company.

3.3 Authorization. All actions on the part of such Preferred Stockholder necessary for the authorization, execution, delivery, and performance by such Preferred Stockholder of this Agreement have been taken. This Agreement has been duly authorized, executed, and delivered by such Preferred Stockholder, is the legal, valid, and binding obligation of such Preferred Stockholder, and are enforceable as to such Preferred Stockholder in accordance with their respective terms, except as may be limited by applicable bankruptcy, reorganization, insolvency, moratorium, or other similar laws or by legal or equitable principles relating to or limiting creditors' rights generally or as rights to indemnification may be limited by applicable securities laws.

3.4 Investment Intent. Such Preferred Stockholder is acquiring the Shares for its, his or her own account for investment and not with a view to, or for sale in connection with, any public distribution thereof in violation of the Securities Act. Such Preferred Stockholder understands that Shares have not been registered for sale under the Securities Act or qualified under applicable state securities laws and that the Shares are being offered and sold to such Preferred Stockholder pursuant to one or more exemptions. Such Preferred Stockholder understands that it, he or she must bear the economic risk of the investment in the Company for an indefinite period of time, as the Shares cannot be sold

unless subsequently registered under the Securities Act and qualified under state securities laws, unless an exemption from such registration and qualification is available.

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3.5 Transfer of Securities. Such Preferred Stockholder will not sell or otherwise dispose of the Shares unless (a) a registration statement with respect thereto has become effective under the Securities Act and such Shares have been qualified under applicable state securities laws or (b) there is presented to the Company notice of the proposed transfer and, if it so requests, a legal opinion reasonably satisfactory to the Company that such registration and qualification is not required; provided, however, that no such registration or qualification or opinion of counsel shall be necessary for a transfer by such Preferred Stockholder (i) to any entity controlled by, or under common control with, such Preferred Stockholder (ii) to a partner or officer of such Preferred Stockholder, (iii) to a partner or officer of the general partner of such Preferred Stockholder, or (iv) to the spouse, lineal descendants, estate, or a trust for the benefit of any of the foregoing, provided the transferee agrees in writing to be subject to the terms hereof to the same extent as if he were such Preferred Stockholder. Such Preferred Stockholder consents that any transfer agent of the Company may be instructed not to transfer any Shares unless it receives satisfactory evidence of compliance with the foregoing provisions, and that there may be endorsed upon any certificate representing such shares (and any certificates issued in substitution therefor) the following legend calling attention to the foregoing restrictions on transferability of such shares, stating in substance:

"THE SECURITIES REPRESENTED BY THIS CERTIFICATE HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE "ACT"), OR APPLICABLE STATE SECURITIES LAWS AND MAY NOT BE TRANSFERRED, SOLD OR OTHERWISE DISPOSED OF IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT WITH RESPECT TO THE SECURITIES EVIDENCED BY THIS CERTIFICATE, OR UNLESS THE COMPANY RECEIVES AN OPINION OF COUNSEL REASONABLY SATISFACTORY TO THE COMPANY TO THE EFFECT THAT REGISTRATION UNDER SUCH ACT AND APPLICABLE SECURITIES LAWS IS NOT REQUIRED."

The Company shall, upon the request of any holder of a stock certificate bearing the foregoing legend and the surrender of such certificate, issue a new stock certificate without such legend if (A) the stock evidenced by such certificate has been effectively registered under the Securities Act and qualified under any applicable state securities law and sold by the holder thereof in accordance with such registration and qualification, or (B) such holder shall have delivered to the Company a legal opinion reasonably satisfactory to the Company to the effect that the restrictions set forth herein are no longer required or necessary under the Securities Act or any applicable state law.

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#### ARTICLE IV

##### Additional Provisions.

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4.1 Indemnification. From and after the Closing, the Company, on the one hand, and the Preferred Stockholders (severally and not jointly), on the other hand, shall indemnify and save harmless the other (including officer, directors, employees, agents and representatives) against any loss, claim, liability, expense (including reasonable attorney's fees) or other damage caused by or arising out of (i) the breach of any representation or warranty made by any such party or (ii) the failure by the party against whom indemnification is sought to perform any of its covenants or agreements in this Agreement.

4.2 Communications. All notices or other communications hereunder shall be in writing and shall be given by registered or certified mail (postage prepaid and return receipt requested), by an overnight courier service which obtains a receipt to evidence delivery, or by telex or facsimile transmission (provided that written confirmation of receipt is provided), addressed as set forth below:

If to the Company:

Network- 1 Security Solutions, Inc.

445 Park Avenue, Suite 1028  
New York, New York 10022  
Attention: Corey M. Horowitz, Chairman and Chief Executive  
Officer

With a copy to:

Olshan Grundman Frome Rosenzweig & Wolosky, LLP  
Park Avenue Tower  
65 East 55th Street  
New York, New York 10022  
Attention: Sam Schwartz, Esq.

If to the Preferred Stockholders, at their respective addresses as set forth on Exhibit A hereto, or such other address as any party may designate to the other in accordance with the aforesaid procedure. All notices and other communications sent by overnight courier service shall be deemed to have been given as of the next business day after delivery thereof to such courier service, those given by telex or facsimile transmission shall be deemed given when sent, and all notices and other communications sent by mail shall be deemed given as of the third business day after the date of deposit in the United States mail.

4.3 Successors and Assigns. The Company may not sell, assign, transfer, or otherwise convey any of its rights or delegate any of its duties under this Agreement, except to a corporation which has succeeded to substantially all of the business and assets of the Company and has assumed in writing its obligations under this Agreement, and this Agreement shall be

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binding on the Company and such successor. This Agreement shall be binding upon, inure to the benefit of, and be enforceable by, the Preferred Stockholders and their successors and assigns.

4.4 Amendments and Waivers. Neither this Agreement nor any term hereof may be changed or waived (either generally or in a particular instance and either retroactively or prospectively) absent the written consent each party hereto.

4.5 Survival of Representations. The representations, warranties, covenants, and agreements made herein or in any certificate or document executed in connection herewith shall survive the execution and delivery of this Agreement and the issuance and delivery of the Shares to the Preferred Stockholders.

4.6 Delays or Omissions; Waiver. No delay or omission to exercise any right, power, or remedy accruing to either the Company or the Preferred Stockholders upon any breach or default by the other under this Agreement shall impair any such right, power, or remedy nor shall it be construed to be a waiver of any such breach or default, or any acquiescence therein or in any similar breach or default thereafter occurring; nor shall any waiver of any single breach or default be deemed a waiver of any other breach or default theretofore or thereafter occurring.

4.7 Entire Agreement; Binding Effect. This Agreement (together with Schedule A attached hereto) contains the entire understanding of the parties with respect to their respective subject matter and all prior negotiations, discussions, commitments, and understandings heretofore had between them with respect thereto are merged herein and therein. This Agreement and the Exchange shall be binding on each Preferred Stockholder who executes this Agreement, provided, that, Preferred Stockholders holding at least 75% of the outstanding shares of Preferred Stock have executed this Agreement (the "Required Percentage"). The failure of any Preferred Stockholder named in Exhibit A to execute this Agreement shall not effect the Closing of the Exchange with respect to those Preferred Stockholders who have executed this Agreement so long as the Agreement has been signed by the Required Percentage.

4.8 Headings. All article and section headings herein are inserted for convenience only and shall not modify or affect the construction or interpretation of any provision of this Agreement.

4.9 Counterparts; Governing Law. This Agreement may be executed in any

number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument. This Agreement shall be governed by, and construed in accordance with, the laws of the State of New York, without giving effect to conflict of laws.

4.10 Further Actions. At any time and from time to time, each party agrees, without further consideration, to take such actions and to execute and deliver such documents as may be reasonably necessary to effectuate the purposes of this Agreement.

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IN WITNESS WHEREOF, this Agreement has been duly executed on the date hereinabove set forth.

NETWORK-1 SECURITY SOLUTIONS, INC.

s/Corey M. Horowitz

-----  
Name: Corey M. Horowitz  
Title: Chairman and Chief Executive  
Officer

APPLEGREEN PARTNERS

s/Seth Lieber

-----  
Name: Seth Lieber  
Title: Partner

BROOKWOOD PARTNERS, L.P.

s/Barry Rubenstein

-----  
Name: Barry Rubenstein  
Title: General Partner

CASILLI REVOCABLE TRUST

S/Gerald S. Casilli

-----  
Name: Gerald S. Casilli  
Title: Trustee

CMH CAPITAL MANAGEMENT CORP.

S/Corey M. Horowitz

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Name: Corey M. Horowitz  
Title: President

s/Andrew Fingerhut

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Andrew Fingerhut

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s/Barry Fingerhut

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Barry Fingerhut

s/Robert Gladstone

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Robert Gladstone

s/Amy Katz

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Amy Katz

s/Erwin Lieber

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Erwin Lieber

s/Jonathan Lieber

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Jonathan Lieber

s/Seth Lieber

-----  
Seth Lieber

s/ David Nussbaum

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David Nussbaum

s/Jennifer Olsen

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Jennifer Olsen

s/Harvey Pollak

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Harvey Pollak

s/Barry Rubenstein

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Barry Rubenstein

s/Marilyn Rubenstein

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Marilyn Rubenstein

s/James Scibelli

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James Scibelli

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SENECA VENTURES

By:s/Barry Rubenstein

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Name: Barry Rubenstein  
Title: General Partner

s/Donna Slavitt

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Donna Slavitt



s/John Slavitt

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John Slavitt

WHEATLEY PARTNERS, L.P.

By:s/Barry Rubenstein

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Name: Barry Rubenstein  
Title: CEO, WHEATLEY PARTNERS LLC  
General Partner

WHEATLEY PARTNERS II, L.P.

By:s/Barry Rubenstein

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Name: Barry Rubenstein  
Title: General Partner

WHEATLEY FOREIGN PARTNERS, L.P.

By:s/Barry Rubenstein

-----  
Name: Barry Rubenstein  
Title: CEO, WHEATLEY PARTNERS LLC  
General Partner

WOODLAND PARTNERS

By:s/Barry Rubenstein

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Name: Barry Rubenstein  
Title: General Partner

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WOODLAND VENTURE FUND

By:s/Barry Rubenstein

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Name: Barry Rubenstein  
Title: General Partner

s/Emanuel Pearlman

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Emanuel Pearlman

SANDLER COMPANY INVESTMENT PARTNERS

Sandler Co-Investment Partners, L.P.

By: Sandler Capital Management, General  
Partner

By: MJDM Corp., a General Partner  
s/Moira Mitchell

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Name: Moira Mitchell  
Title: President

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SCHEDULE A

PREFERRED STOCKHOLDERS

Series E Convertible Preferred Stock

<TABLE><CAPTION>

Name and Address of Preferred Stockholder	Number of Shares of Common Stock		Number of Shares of Common Stock Upon Exchange
	Number of Shares of Preferred Stock	Upon Conversion of Preferred Stock	
<S> Applegreen Partners c/o Jonathan Lieber 271 Hamilton Road Chappaqua, NY 10514	<C> 35,377	<C> 70,754	<C> 88,442
Brookwood Partners, L.P. 68 Wheatley Road Brookville, NY 11545	117,924	235,848	294,810
Casilli Revocable Trust 2905 Woodside Road Woodside, CA 94062	47,169	94,338	117,922
Andrew Fingerhut 70 East 10th St. Apt. 11L New York, NY 10003	11,792	23,584	29,480
Barry Fingerhut Wheatley Partners, L.P. 825 Third Avenue, 32th Floor New York, New York 10028-1170	165,094	330,188	412,735
Robert Gladstone 25 Evans Drive Brookville, NY 11545	11,792	23,584	29,480
CMH Capital Management Corp. 445 Park Avenue, Suite 1028 New York, NY 10022 Attn: Corey M. Horowitz, President	1,084,935	2,169,870	2,712,337
Amy Katz 26 North Moore Street, Apt. 8W New York, NY 10013	9,433	18,866	23,583
Irwin Lieber 8 Applegreen Drive Old Westbury, NY 11568	165,094	330,188	412,735
Jonathan Lieber 271 Hamilton Road Chappaqua, NY 10514	11,792	23,584	29,480

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<TABLE><CAPTION>

Name and Address of Preferred Stockholder	Number of Shares of Common Stock		Number of Shares of Common Stock Upon Exchange
	Number of Shares of Preferred Stock	Upon Conversion of Preferred Stock	
<S> Seth Lieber 103 Greene Street New York, NY 10012-3859	<C> 11,792	<C> 23,584	<C> 29,480
David Nussbaum 83 Village Road Roslyn Heights, NY 11577	11,792	23,584	29,480

Jennifer Olsen c/o Lawrence S. Dolin 16111 Parkland Drive Shaker Heights, OH 44120	11,792	23,584	29,480
Harvey Pollak 14 Pine Drive North Roslyn, NY 11576	11,792	23,584	29,480
Barry Rubenstein 68 Wheatley Road Brookville, NY 11545	47,169	94,338	117,922
James Scibelli Roberts & Greene, Inc. One Hollow Lane, Suite 208 Lake Success, NY 11040	23,584	47,168	58,960
Seneca Ventures 68 Wheatley Road Brookville, NY 11545	165,094	330,188	412,735
Donna Slavitt 1085 Park Avenue, Apt. 3B New York, NY 10028	35,377	70,754	88,442
John Slavitt 250 Baldwin Avenue, Apt. 801 San Mateo, CA 94401	9,433	18,866	23,582
Wheatley Partners, L.P. 80 Cuttermill Road, Suite 311 Great Neck, NY 11021	86,792	173,584	216,980
Wheatley Partners II, L.P. 80 Cuttermill Road, Suite 311 Great Neck, NY 11021	94,339	188,678	235,848
Wheatley Foreign Partners, L.P. 80 Cuttermill Road, Suite 311 Great Neck, NY 11021	7,547	15,094	18,868

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<TABLE><CAPTION>

Name and Address of Preferred Stockholder	Number of Shares of Common Stock		Number of Shares of Common Stock Upon Exchange
	Number of Shares of Preferred Stock	Upon Conversion of Preferred Stock	
----- <S> Woodland Partners 68 Wheatley Road Brookville, NY 11545	<C> 94,339	<C> 188,678	<C> 235,848
Woodland Venture Fund 68 Wheatley road Brookville, NY 11545	212,264	424,528	530,660
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Total Series E Preferred Stock	2,483,508	4,967,016	6,208,770
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</TABLE>

## Series D Convertible Preferred Stock

&lt;TABLE&gt;&lt;CAPTION&gt;

Name and Address of Preferred Stockholder	Number of Shares of Common Stock		Number of Shares of Common Stock Upon Exchange
	Number of Shares of Preferred Stock	Upon Conversion of Preferred Stock	
<S> Woodland Venture Fund 68 Wheatley Road Brookville, NY 11545	<C> 69,379	<C> 117,550	146,936
Seneca Ventures 68 Wheatley Road Brookville, NY 11545	34,689	58,774	73,468
Woodland Partners 68 Wheatley Road Brookville, NY 11545	34,689	58,774	73,468
Irwin Lieber Wheatley Partners, L.P. 825 Third Avenue New York, NY 10028-1170	34,689	58,774	73,468
Barry Fingerhut Wheatley Partners, L.P. 825 Third Avenue New York, NY 10028-1170	34,689	58,774	73,468
Applegreen Partners c/o Jonathan Lieber 271 Hamilton Road Chappaqua, NY 10514	8,672	14,693	18,364
Emanuel Pearlman Liberation Investment Group 11766 Wilshire Blvd., Suite 870 Los Angeles, CA 90025	4,098	6,943	8,677
Barry Rubenstein 68 Wheatley Road Brookville, NY 11545	495	839	1,049
Marilyn Rubenstein 68 Wheatley Road Brookville, NY 11545	495	839	1,049
Sandler Company Investment Partners 767 Fifth Avenue - 45th Floor New York, NY 10153	9,159	15,518	19,398
Total Series D Preferred Stock	231,054	391,478	489,348

TOTAL PREFERRED STOCK (SERIES E AND SERIES D)	2,714,562	5,358,494	6,698,118
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</TABLE>

EXHIBIT 14

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CODE OF ETHICS  
OF  
NETWORK-1 SECURITY SOLUTIONS, INC

March 12, 2004

Employment by Network-1 Security Solutions, Inc. (the "Company") carries with it the duty and responsibility to be constantly aware of the importance of ethical conduct when dealing with competitors, suppliers, customers and other employees. Each of us, whether an employee, officer or director, has an individual responsibility to deal ethically in all aspects of the Company's business and to comply fully with all laws, regulations, and Company policies. Each individual is expected to assume the responsibility for applying these standards of ethical conduct and for acquainting himself or herself with the various laws, regulations and policies applicable to his or her assigned duties. This Code of Ethics is applicable not only to the conduct of each employee of the Company, but also to the conduct of any associate or relative of such employee in regard to the Company and to competitors, suppliers, customers and employees of the Company. For the purposes of this Code of Ethics, a relative is any person who is related by blood, marriage or adoption or whose relationship with the employee is similar to that of persons who are related by blood, marriage or adoption. For the purposes of this Code of Ethics, an associate of an employee is (1) a corporation or other entity of which such employee is an officer or partner, or is, directly or indirectly, the beneficial owner of 10 percent or more of any class of equity securities; and (2) any trust or other estate in which such employee has a substantial beneficial interest or as to which such employee serves as trustee or in a similar capacity. In complying with the Company's Code of Ethics, you are expected to exercise high standards of integrity and good judgment and to apply the following guiding principles:

- to conduct yourself in an honest manner in dealing with others and to accept responsibility for your actions, including actions that may be unethical or improper.
- to avoid conflicts of interest and to refrain from taking part or exercising influence in any transaction in which your personal interest may conflict with the best interests of the Company, including (i) taking for yourself personally opportunities that are discovered through the use of corporate property, information or position, (ii) using corporate property, information or position for personal gain, and (iii) competing with the Company. You owe a duty to the Company to advance the Company's legitimate interests when the opportunity to do so arises.
- never to induce or encourage co-employees to engage in illegal or unethical conduct.
- to protect the Company's assets and ensure their efficient use. Theft, carelessness and waste have a direct impact on the Company's profitability. All Company assets should be used for legitimate business purposes. The personal use of Company assets without proper approval is prohibited.
- to exercise good judgment in the use of information you may acquire in the course of doing Company business including, but not limited to, methods of operation, sales, products, profits, costs, markets, key personnel, licenses, trade secrets and other know-how of the Company and to maintain the confidentiality of all such information (except when disclosure is authorized or legally mandated).
- to make commercial decisions that are in the best interests of the Company.
- to endeavor to deal fairly with the Company's customers, suppliers, competitors and employees by not taking advantage of anyone through manipulation, concealment, abuse of privileged information, misrepresentation of material facts, or any other unfair-dealing practice.

- to provide fair and equal opportunity to all employees regardless of race, color, sex, sexual orientation, religion, age, national origin, veteran's status or disability and to avoid harassment or unequal treatment of co-employees.
- to establish and maintain a work environment that is free from intimidation, threats or violent acts and the effects of alcohol and drug abuse.
- never to make a payment, contribution, gift or provide services or facilities to a public official on behalf of the Company. (You are free to contribute personal time or funds to any political candidate or party without expectation of reimbursement or time off from work to conduct political activities.)
- to comply with all laws, rules, regulations, policies and guidelines applicable to the operation of the Company.
- to fully and fairly disclose the financial condition and results of operations of the Company in accordance with applicable accounting principles, laws, rules and regulations, and in such connection, to keep the books and records of the Company so as to fully and fairly reflect all Company transactions.
- to provide full, fair, accurate, timely and understandable disclosure in reports and documents that the Company files with or submits to regulatory authorities, as well as in financial, stockholder and other internal or external reports, documentation or audits.
- to promptly report knowledge of any illegal or improper activity or violations of laws, rules, regulations or this Code of Ethics to the Chief Executive Officer of the Company, with the assurance that the Company will not allow retaliation for reports made in good faith.
- to implement necessary changes in programs, systems, practices or procedures to avoid future ethical problems.

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Failure to comply with this Code of Ethics may result in disciplinary action, including warnings, suspensions, termination of employment or such other actions as may be appropriate under the circumstances.

Any questions pertaining to the Code of Ethics are to be directed to the Chief Executive Officer of the Company.

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CERTIFICATION  
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I hereby state that I have read the Network-1 Security Solutions, Inc. Code of Ethics dated March 12, 2004 and that I understand my responsibilities thereunder. I agree to abide by the Code of Ethics to the best of my ability. I am not aware of any violation, or any possible violation, of the Code of Ethics or any applicable law or regulation.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_, 2004

Name (please print): \_\_\_\_\_



EXHIBIT 23.1

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INDEPENDENT AUDITORS' CONSENT

We consent to the incorporation by reference in the Registration Statement of Network-1 Security Solutions, Inc. (the "Company") on Form S-8 (333-64066), of our report dated March 24, 2004, except as to notes M[3] and M[4] as to which the dates are March 31, 2004 and April 13, 2004, respectively, on our audits of the financial statements of the Company as of December 31, 2003 and 2002 and for each of the years then ended, which report is included in this Annual Report on Form 10-KSB.

Eisner LLP

New York, New York  
April 13, 2004

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CERTIFICATION OF CHIEF EXECUTIVE OFFICER

Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (18 U.S.C.ss.1350)

I, Corey M. Horowitz, Chairman and Chief Executive Officer of Network-1 Security Solutions, Inc. (the "Registrant"), certify that:

1. I have reviewed this report on Form 10-KSB of the Registrant;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the Registrant as of, and for, the periods presented in this report;
4. The Registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) for the Registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the Registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the Registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the Registrant's internal control over financial reporting that occurred during the Registrant's most recent fiscal quarter (the Registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Registrant's internal control over financial reporting; and
5. The Registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Registrant's auditors and the audit committee of the Registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the Registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the Registrant's internal control over financial reporting.

Date: April 13, 2004                      s/Corey M. Horowitz

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Corey M. Horowitz

CERTIFICATION OF CHIEF FINANCIAL OFFICER

Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 (18 U.S.C.ss.1350)

I, David C. Kahn, Chief Financial Officer of Network-1 Security Solutions, Inc. (the "Registrant"), certify that:

1. I have reviewed this report on Form 10-KSB of the Registrant;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the Registrant as of, and for, the periods presented in this report;
4. The Registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) for the Registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the Registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the Registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the Registrant's internal control over financial reporting that occurred during the Registrant's most recent fiscal quarter (the Registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the Registrant's internal control over financial reporting; and
5. The Registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the Registrant's auditors and the audit committee of the Registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the Registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the Registrant's internal control over financial reporting.

Date: April 13, 2004

/s/ Edward C. Kahn

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Edward C. Kahn  
Chief Financial Officer



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CERTIFICATION OF CHIEF EXECUTIVE OFFICER

Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. ss. 1350)

Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. ss. 1350), the undersigned, Corey M. Horowitz, Chief Executive Officer and Chairman of Network-1 Security Solutions, Inc., a Delaware corporation (the "Company"), does hereby certify to his knowledge, that:

The Annual Report of Form 10-KSB for the year ended December 31, 2003 of the Company (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Act of 1934, and the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ Corey M. Horowitz

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Chief Executive Officer and Chairman  
April 13, 2004

CERTIFICATION OF CHIEF FINANCIAL OFFICER

Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. ss. 1350)

Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. ss. 1350), the undersigned, David C. Kahn, Chief Financial Officer of Network-1 Security Solutions, Inc., a Delaware corporation (the "Company"), does hereby certify to his knowledge, that:

The Annual Report of Form 10-KSB for the year ended December 31, 2003 of the Company (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Act of 1934, and the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

s/David C. Kahn

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Chief Financial Officer  
April 13, 2004