

NETWORK 1 SECURITY SOLUTIONS INC

Form S-8

October 14, 2009

As filed with the Securities and Exchange Commission on October 14, 2009

REGISTRATION NO. 333-_____

SECURITIES AND EXCHANGE

COMMISSION
WASHINGTON, D.C. 20549

FORM S-8

REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

NETWORK-1 SECURITY SOLUTIONS, INC.
(Exact name of registrant as specified in its charter)

DELAWARE
(State or other jurisdiction
of incorporation)

11-3027591
(I.R.S. employer
identification number)

445 PARK AVENUE, SUITE 1018
NEW YORK, NEW YORK 10022
(212) 829-5770

(Address, including zip code, and telephone number, including area code,
of Registrant's principal executive offices)

NETWORK-1 SECURITY SOLUTIONS, INC.
AMENDED AND RESTATED 1996 STOCK OPTION PLAN
18 INDIVIDUAL OPTION AGREEMENTS
(Full title of the plan)

COREY M. HOROWITZ
CHAIRMAN AND CHIEF EXECUTIVE OFFICER
NETWORK-1 SECURITY SOLUTIONS, INC.
445 PARK AVENUE, SUITE 1018
NEW YORK, NEW YORK 10022
(212) 829-5770
(Address, including zip code, and telephone number,
including area code, of agent for service)

COPIES TO:
SAM SCHWARTZ, ESQ.

EISEMAN LEVINE LEHRHAUPT & KAKOYIANNIS, PC
805 THIRD AVENUE, 10TH FLOOR, NEW YORK, NEW YORK 10022
(212) 752-1000

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "Large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer	Accelerated filer	Non-accelerated filer	Smaller reporting company
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Do not check if a smaller reporting company)

CALCULATION OF REGISTRATION FEE

TITLE OF EACH CLASS OF SECURITIES TO BE REGISTERED	AMOUNT TO BE REGISTERED (1)(2)	PROPOSED MAXIMUM OFFERING PRICE PER SHARE (3)	PROPOSED MAXIMUM AGGREGATE OFFERING PRICE (3)	AMOUNT REGISTRATION FEE
Common Stock, par value \$.01 per share, underlying options	750,000	\$ 0.83	\$ 622,500	\$ 34.74
Common Stock, par value \$.01 per share, underlying options	1,787,709	\$ 0.68	\$ 1,215,642	\$ 67.83
Common Stock, par value \$.01 per share, underlying options	100,000	\$ 0.54	\$ 54,000	\$ 3.01
Common Stock, par value \$.01 per share, underlying options	50,000	\$ 0.51	\$ 25,500	\$ 1.42
Common Stock, par value \$.01 per share, underlying options	35,000	\$ 0.35	\$ 12,250	\$ 0.68
		Total Registration Fee:		\$ 107.68

(1) Represents 2,687,709 shares of common stock, par value \$.01 per share (the "Common Stock"), of Network-1 Security Solutions, Inc. (the "Company") issuable upon exercise of 18 individual stock option agreements (the "Option Agreements") issued to employees, officers, directors and consultants of the Company, and 35,000 shares of Common Stock issuable upon exercise of stock options granted by the Company under its Amended and Restated 1996 Stock Option Plan (the "Stock Option Plan"). The prospectus included in this Registration Statement pursuant to General Instruction C of Form S-8 covers the reoffer and resale of the these shares by the selling shareholders. Pursuant to Rule 457(h)(3), no additional registration fee is being paid with respect to the reoffer and resale of the Common Stock being registered pursuant to this Registration Statement.

(2) Pursuant to Rule 416, this registration statement also covers such indeterminate additional shares of Common Stock as may become issuable as a result of any future anti-dilution adjustment in accordance with the terms of the Option Agreements.

(3) Pursuant to Rule 457 (h), based on the price at which the options may be exercised.

EXPLANATORY NOTES

We have prepared this Registration Statement in accordance with the requirements of Form S-8 under the Securities Act of 1933, as amended (the “Securities Act”), to register an aggregate of 2,687,709 shares of our Common Stock issuable to employees, officers directors and consultants pursuant to 18 individual option agreements (the “Option Agreements”) and 35,000 shares of our Common Stock issuable upon exercise of stock options granted under our Amended and Restated 1996 Stock Option Plan (the “Stock Option Plan”).

This Form S-8 includes a Reoffer Prospectus and contains the Form S-3 information required by General Instruction C.1 for Form S-8. The Reoffer Prospectus may be utilized for reofferings and resales of an aggregate of 2,722,709 shares of Common Stock acquired pursuant to the Option Agreements and the Stock Option Plan by selling stockholders who may be deemed “affiliates” (as such term is defined in Rule 405 under the Securities Act) of the Company.

PART I
INFORMATION REQUIRED IN THE SECTION 10(A) PROSPECTUS

Item 1. Plan Information*

Item 2. Registrant Information and Employee Plan Annual Information.*

* Information required by Part I to be contained in the Section 10(a) prospectus is omitted from this Registration Statement in accordance with Rule 428 under the Securities Act and the “Note” to Part I of Form S-8. The Registrant will send or give to all participants in the Plan the document(s) containing information required by Part I of Form S-8, as specified in Rule 428(b)(1) promulgated by the Securities and Exchange Commission (the “SEC”) under the Securities Act. The Registrant has not filed such documents with the SEC, but such documents, along with the documents incorporated by reference into this Registration Statement pursuant to Item 3 of Part II hereof, shall constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

PROSPECTUS

2,722,709 SHARES

NETWORK-1 SECURITY SOLUTIONS, INC.

COMMON STOCK (\$.01 PAR VALUE)

This prospectus relates to the reoffer and resale by certain selling stockholders of 2,687,709 shares of our Common Stock, par value \$0.01 per share (“Common Stock”) that may be issued by us upon exercise of options issued to officers, directors, employees and consultants, pursuant to 18 individual option agreements (the “Option Agreements”), and 35,000 shares of our Common Stock that may be issued upon exercise of stock options granted under our Amended and Restated 1996 Stock Option Plan (the “Stock Option Plan”). The shares are being reoffered and resold for the account of the selling stockholders and we will not receive any of the proceeds from the resale of the shares.

The selling stockholders have advised us that the resale of their shares may be effected from time to time in one or more transactions on the OTC Bulletin Board, in negotiated transactions or otherwise, at market prices prevailing at the time of the sale or at prices otherwise negotiated. See “Plan of Distribution.” We will bear all expenses in connection with the preparation of this prospectus.

Our Common Stock is traded on the OTC Bulletin Board. On October 13, 2009, the closing price for our Common Stock, as reported by the OTC Bulletin Board, was \$1.13.

THE SECURITIES OFFERED IN THIS PROSPECTUS INVOLVE A HIGH DEGREE OF RISK. YOU SHOULD CAREFULLY CONSIDER THE FACTORS DESCRIBED UNDER THE HEADING “RISK FACTORS” BEGINNING ON PAGE 6 OF THIS PROSPECTUS.

NEITHER THE SECURITIES AND EXCHANGE COMMISSION NOR ANY STATE SECURITIES COMMISSION HAS APPROVED OR DISAPPROVED OF THESE SECURITIES OR PASSED UPON THE ADEQUACY OR ACCURACY OF THIS PROSPECTUS. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

THE DATE OF THIS PROSPECTUS IS OCTOBER 14, 2009.

TABLE OF CONTENTS

	PAGE
ABOUT THIS PROSPECTUS	3
THE COMPANY	3
RISK FACTORS	6
WHERE YOU CAN FIND MORE INFORMATION	11
INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE	11
NOTE REGARDING FORWARD-LOOKING STATEMENTS	12
USE OF PROCEEDS	12
SELLING STOCKHOLDERS	13
PLAN OF DISTRIBUTION	15
LEGAL MATTERS	17
EXPERTS	17
DISCLOSURE OF COMMISSION POSITION ON INDEMNIFICATION	17

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement we filed with the Securities and Exchange Commission (the “Commission”) and therefore omits certain information in such registration statement. We have also filed exhibits with the registration statement that are not included in this prospectus, and you should refer to the applicable exhibit for a complete description of any statement referring to any document. You can inspect a copy of the registration statement and its exhibits, without charge, at the Commission’s public reference room, and can copy such material upon paying the Commission’s prescribed rates.

You should rely only on the information and representations provided or incorporated by reference in this prospectus or any related supplement. We have not authorized anyone else to provide you with different information. The Selling Stockholders will not make an offer of these shares in any state where the offer is not permitted. You should not assume that the information in this prospectus or any supplement is accurate as of any date other than the date on the front of those documents.

PROSPECTUS SUMMARY

This summary highlights information contained elsewhere in this prospectus. It does not contain all of the information that you should consider before investing in our common stock. You should read the entire prospectus carefully, including the section entitled “Risk Factors” and our consolidated financial statements and the related notes.

Unless the context otherwise requires, all references to “we,” “us,” “our,” or the “Company” in this prospectus refer to Network-1 Security Solutions, Inc., a Delaware corporation.

THE COMPANY

Our principal business is the acquisition, development, licensing and protection of our intellectual property. We presently own six patents issued by the U.S. Patent Office that relate to various telecommunications and data networking technologies (the “Patent Portfolio”) and include, among other things, patents covering the delivery of power over Ethernet for the purpose of remotely powering Network devices, and the transmission of audio, video, and data over computer and telephony networks. Our strategy is to pursue licensing and strategic business alliances with companies in industries that manufacture and sell products that make use of the technologies underlying our Patent Portfolio as well as with other users of the technologies who benefit directly from the technologies, including corporate, educational and governmental entities.

To date, our efforts with respect to our Patent Portfolio have focused on licensing our patent (U.S. Patent No. 6,218,930) covering the control of power delivery over Ethernet cables (the “Remote Power Patent”). As of the date of this prospectus, we had entered into six license agreements with respect to our Remote Power Patent, which among others, included license agreements with Netgear, Inc., Microsemi Corporation and D-Link. At least for the next twelve months, we do not presently anticipate licensing efforts for our other patents besides our Remote Power Patent. We may seek to acquire additional patents in the future.

Our Remote Power Patent relates to several technologies which describe a methodology for controlling the delivery of power to certain devices over an Ethernet network. 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, are 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 of PoE, 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.

Our future success is largely dependent upon our proprietary technologies, our ability to protect our intellectual property rights and to consummate license agreements with respect to our Patent Portfolio. The complexity of patent and common law, combined with our limited resources, create risk that our efforts to protect our proprietary technologies may not be successful. We cannot be assured that our patents will be upheld or that third parties will not invalidate our patents.

We were incorporated under the laws of the State of Delaware in July 1990. Our executive offices are located at 445 Park Avenue, Suite 1018, New York, New York 10022 and our telephone number at that address is (212) 829-5770. Our web site can be found at <http://www.network-1.com>.

Pending Litigation Against Major Data Networking Equipment Manufacturers

In February 2008, we commenced litigation against several major data networking equipment manufacturers in the United States District Court for the Eastern District of Texas, Tyler Division, for infringement of our Remote Power Patent. The complaint named as defendants Cisco Systems, Inc., Cisco Linksys, LLC, Enterasys Networks, Inc., 3COM Corporation, Inc., Extreme Networks, Inc., Foundry Networks, Inc., Netgear, Inc. and Adtran, Inc. The Company seeks injunctive relief and monetary damages for infringement based upon reasonable royalties as well as treble damages for the defendants continued willful infringement of the Remote Power Patent. The defendants, in their answers to the complaint, asserted that they do not infringe any valid claim of the Remote Power Patent, and further asserted that, based on several different theories, the patent claims are invalid or unenforceable. In addition to these defenses, the defendants also asserted counterclaims for, among other things, non-infringement, invalidity, and unenforceability of the Remote Power Patent. A Markman hearing, a hearing on claim construction of our Remote Power Patent, is currently scheduled for December 2009 and a trial date has been set for July 2010. In the event that the court determines that our Remote Power Patent is not valid or enforceable, and/or that the defendants do not infringe, any such determination would have a material adverse effect on us.

In May 2009 we settled the above referenced litigation with defendant Netgear, Inc. (“Netgear”). As part of the settlement and under our Special Licensing Program, Netgear entered into a license agreement with us for the Remote Power Patent, effective April 1, 2009. Under the terms of the license, Netgear licenses our Remote Power Patent for its full term which expires in March 2020, and pays quarterly royalties (which began as of April 1, 2009) based on its sales of Power over Ethernet products, including those PoE products which comply with the Institute of Electrical and Electronic Engineers 802.3af and 802.3at Standards. Licensed products include Netgear’s Power over Ethernet enabled switches and wireless access points. The royalty rates included in the Netgear license are 1.7% of the sales price of Power Sourcing Equipment, which includes Ethernet switches, and 2% of the sales price of Powered Devices, which includes wireless access points. The royalty rates are subject to adjustment, under certain circumstances, if we grant a license to other licensees with lower royalty rates and Netgear is able to and agrees to assume all material terms and conditions of such other license. In addition, Netgear paid us \$350,000 upon the signing of the license agreement.

D-Link Settlement

In August 2005, we commenced patent litigation against D-Link Corporation and D-Link Systems, Incorporated (collectively “D-Link”) in the United States District Court for the Eastern District of Texas, Tyler division (Civil Action No. 6:05W291), for infringement of our Remote Power Patent (the “D-Link Litigation”). The complaint sought, among other things, a judgment that the our Remote Power Patent is enforceable and has been infringed by the defendants. We also sought a permanent injunction restraining the defendants from continued infringement, or active inducement of infringement by others, of the Remote Power Patent.

In August 2007, we finalized the settlement of the D-Link Litigation. Under the terms of the settlement, D-Link entered into a license agreement for our Remote Power Patent the terms of which included monthly royalty payments of 3.25% (subject to adjustment as noted below) of the net sales of D-Link Power over Ethernet products, including those products which comply with the IEEE 802.3af and 802.3at Standards, for the full term of the Remote Power Patent, which expires in March 2020. In addition, D-Link paid us \$100,000 upon signing of the Settlement Agreement. The royalty rate is subject to adjustment to a rate consistent with other similarly situated licensees of our Remote Power Patent based on units of shipments of licensed products. In June 2009, based upon several licenses issued to third parties under the our Special Licensing Program, we agreed in principle with D-Link to adjust the royalty rate to 1.7% of the sales price for Power Servicing Equipment (which includes Ethernet switches) and 2.0% of the sales price for Powered Devices (which includes wireless access points).

Microsemi Agreement and License

On November 16, 2005 we entered into a Settlement Agreement with PowerDsine, Inc and PowerDsine Ltd. which dismissed, with prejudice, a civil action brought by PowerDsine in the United States District Court for the Southern District of New York that sought a declaratory judgment that our Remote Power Patent was invalid and not infringed by PowerDsine and/or its customers. Under the terms of the Settlement Agreement, we agreed that we will not initiate litigation against PowerDsine for its sale of Power over Ethernet (PoE) integrated circuits. In addition, we agreed that we will not seek damages for infringement from customers that incorporate PowerDsine integrated circuit products in PoE capable Ethernet switches manufactured on or before April 30, 2006. PowerDsine agreed that it will not initiate, assist or cooperate in any legal action relating to the Remote Power Patent.

In June 2008, we entered into a new agreement with Microsemi Corp-Analog Mixed Signal Group Ltd (“Microsemi Analog”), previously PowerDsine Ltd, a subsidiary of Microsemi Corporation (“Microsemi”), a leading manufacturer of high performance analog mixed-signal integrated circuits and high reliability semiconductors, which, among other things, amended the prior Settlement Agreement entered into between the parties in November 2005. As part of our Special Licensing Program and our agreement with Microsemi Analog entered into in June 2008, Microsemi, entered into a license agreement, dated August 13, 2008, with us with respect to the Remote Power Patent. The license agreement provides that Microsemi is obligated to pay us quarterly royalty payments of 2% of the sales price for certain of Microsemi’s Midspan PoE products for the full term of the Remote Power Patent (March 2020).

RISK FACTORS

An investment in our Common Stock involves a high degree of risk. The risk factors listed below are those that we consider to be material to an investment in our Common Stock and those which, if realized, could have material adverse effects on our business, financial condition or results of operations as specifically discussed below. In such an event, the trading price of our Common Stock could decline, and you could lose all or part of your investment. Before you invest in our Common Stock, you should be aware of various risks, including those described below. You should carefully consider these risk factors, together with all of the other information included or incorporated by reference in this prospectus, before you decide whether to purchase our Common Stock. This section includes or refers to certain forward-looking statements. You should refer to the explanation of the qualifications and limitations on such forward-looking statements discussed on page 12.

We have a history of losses and modest revenue from current operations.

We have incurred substantial operating losses since our inception, which has resulted in an accumulated deficit of \$(52,158,000) as of June 30, 2009. For the years ended December 31, 2008 and December 31, 2007 and for the six months ended June 30, 2009, we incurred net losses of \$(1,618,000), \$(2,998,000) and \$(1,262,000), respectively. We have financed our operations primarily by sales of our equity securities and royalty revenue from licensing our Remote Power Patent. We had revenue of \$349,000 and \$514,000 from operations for the year ended December 31, 2008 and the six months ended June 30, 2009, respectively. Our ability to achieve revenue and generate positive cash flow from operations is dependent upon consummating licensing agreements with respect to our patented technologies. As of the date of this prospectus, we had entered into 6 license agreements with respect to our Remote Power Patent, which among others, included license agreements with Netgear, Inc., Microsemi Corporation and D-Link. We may not be successful in achieving additional material licensing agreements with third parties and our failure to do so would have a material adverse effect on our business, financial condition and results of operations. We may not be able to achieve material revenue or generate positive cash flow from operations from our licensing business.

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 cash position of \$3,869,000 at June 30, 2009 will more likely than not be sufficient to satisfy our operations and capital requirements until at least December 31, 2010. However, we may expend our funds 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 December 31, 2010. Our inability to obtain additional financing when needed, absent generating sufficient cash from licensing arrangements, would have a material adverse effect on us, 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.

Our licensing business may not be successful.

In November 2003, we entered the technology licensing business following our acquisition of six patents relating to various telecommunications and data networking technologies including, among others, patents covering the delivery of remote power over Ethernet and the transmission of audio, video and data over computer and telephony networks. As of the date of this prospectus, we have only entered into 6 license agreements with third parties with respect to our patented technology. Accordingly, we have a 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 patented technologies including the risks and uncertainty of litigation. We may not be able to achieve sufficient revenue or profitable operations from our licensing business.

Our future source of licensing revenue is uncertain.

In February 2004, we initiated our first licensing efforts relating to our Remote Power Patent. To date, we have entered into 6 license agreements with respect to our Remote Power Patent. Our inability to consummate additional licensing agreements and achieve material revenue from our patented technologies would have a material adverse effect on our operations and possibly our ability to continue our business. In addition, our existing license agreements, as well as additional license agreements which may be entered into in the future, may not produce a stable or predictable stream of revenue in the foreseeable future. Furthermore, the success of our licensing efforts depends upon the strength of our intellectual property rights.

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 delivery of power to certain devices over PoE networks and the transmission of audio, voice and data over computer and telephony 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 common law, our limited resources, and the uncertainty of the outcome of litigation 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. If our intellectual property rights are not upheld, such an event would have a material adverse effect on us.

Any litigation to protect our intellectual property or any third party claims to invalidate our patents could have a material adverse effect on our business.

Our success depends on our ability to protect our intellectual property rights. In August 2005, we commenced patent litigation against D-Link Corporation and D-Link Systems, Incorporated for infringement of our Remote Power Patent and in April 2007 we entered into a settlement agreement with the D-Link parties. In addition, in February 2008 we commenced patent litigation against Cisco Systems, Inc. and seven other major data networking equipment manufacturers which is currently pending in the United States District Court for the Eastern District of Texas, Tyler Division. Although on May 29, 2009 we announced that we had agreed to settle this litigation with respect to defendant Netgear, Inc., the litigation is still pending with respect to the other defendants. In the future, it may be necessary for us to commence patent litigation against additional third parties whom we believe require a license to our patents. In addition, we may be subject to claims seeking to invalidate our patents, as asserted by the defendants in the aforementioned pending litigation in Texas

with us. These types of claims, with or without merit, may subject us to costly litigation and diversion of management's focus. If we are unsuccessful in enforcing and validating our patents and/or if third parties making claims against us seeking to invalidate our patents 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 not valid or enforceable, and/or that third parties do not infringe, would have a material adverse effect on us.

Our license agreements with Netgear, Inc., D-Link and Microsemi may not result in significant royalties and do not necessarily mean we will achieve additional license agreements.

For the year ended December 31, 2008 and for the six months ended June 30, 2009, we received aggregate royalty payments of \$349,000 and \$514,000, respectively, with respect to our license agreements. Our royalty revenue may not be stable or predictable for the foreseeable future. Notwithstanding our license agreements with the D-Link, Microsemi and Netgear, Inc., there is no assurance that we will achieve significant royalty revenue from such license agreements, that we will be able to achieve additional material license agreements with third parties relating to our Remote Power Patent or any of our other patents. Our failure to achieve significant royalty revenue from our existing license agreements, or if we are unable to enter into additional license agreements resulting in material royalty revenue, would have a material adverse effect on our business, financial condition and results of operations.

We face uncertainty as to the outcome of our litigation against major data networking equipment manufacturers.

In February 2008, we commenced litigation against eight major data networking equipment manufacturers in the United States District Court for the Eastern District of Texas, Tyler Division, for infringement of our Remote Power Patent. The complaint named as defendants Cisco Systems, Inc., Cisco Linksys, LLC, Enterasys Networks, Inc., 3COM Corporation, Inc., Extreme Networks, Inc., Foundry Networks, Inc., Netgear, Inc. and Adtran, Inc. We seek injunctive relief and monetary damages for infringement based upon reasonable royalties as well as treble damages for the defendant's continued willful infringement of our Remote Power Patent. The defendants in their answer asserted that they do not infringe any valid claim of our Remote Power Patent, and further asserted that, based on several different theories, the patent claims are invalid or unenforceable. In addition to these defenses, the defendants also asserted counterclaims for, among other things, non-infringement, invalidity, and unenforceability of our Remote Power Patent. A Markman hearing, a hearing on claim construction of our Remote Power Patent, is currently scheduled for December 2009 and a trial date has been set for July 2010. In the event that the Court determines that our Remote Power Patent is not valid or enforceable, and/or that the defendants do not infringe, any such determination would have a material adverse effect on us.

Material licensing revenues from our Remote Power Patent may be dependent upon the applicability of the IEEE Standard.

The Institute of Electrical and Electronic Engineers (IEEE) is a non-profit, technical professional association of more than 370,000 individual members in approximately 160 countries. The Standards Association of the IEEE is responsible for the creation of global industry standards for a broad range of technology industries. In 2000, 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. In June 2003, 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 including, among others, wireless access points, IP phones and network based cameras. The technology is commonly referred to as PoE. We believe our Remote Power Patent covers several of the key technologies covered by the Standard. However, there is a risk that as a result of litigation a court may determine otherwise and such a determination would have a material adverse effect on our ability to enter into license agreements and achieve material revenue and profits from our Remote Power Patent.

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 PoE 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.

In addition, other companies may develop competing technologies that offer better or less expensive alternatives to PoE and the other technologies covered by our 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 asserts claims relating to our patents, the licensing royalties available to us may be limited. Moreover, technological advances or entirely different approaches developed by one or more of our competitors or adopted by various standards groups could render our Remote Power Patent obsolete, less marketable or unenforceable.

Dependence upon CEO and Chairman.

Our success is largely dependent upon the personal efforts of Corey M. Horowitz, our Chairman and Chief Executive Officer and Chairman of our Board of Directors. On June 8, 2009, we entered into a new employment agreement with Mr. Horowitz pursuant to which he continues to serve as our Chairman and Chief Executive Officer for a three year term. However, any loss of the services of Mr. Horowitz would have a material adverse effect on our business and prospects. We do not maintain key-man life insurance on the life of Mr. Horowitz.

Risks related to low priced stocks.

Our common stock currently trades on the OTC Bulletin Board under the symbol NSSI. Since 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. SEC regulations 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.

The significant number of options and warrants outstanding may adversely effect the market price for our common stock.

As of the date of this prospectus, there are outstanding options and warrants to purchase an aggregate of 12,878,082 shares of our common stock at exercise prices ranging from \$.12 to \$10.00. To the extent that outstanding options and warrants are exercised, existing stockholder 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 our 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.

Our stock price may be volatile.

The market price of our common stock is likely to be highly volatile and could fluctuate widely in price in response to various factors, many of which are beyond our control, including the following:

our ability to successfully enforce and/or defend our Remote Power Patent;

our ability to enter into favorable license agreements with third parties with respect to our Remote Power Patent;

our ability to achieve material revenue and profits;

our ability to raise capital when needed;

sales of our common stock;

our ability to execute our business plan;

technology changes;

legislative, regulatory and competitive developments; and

economic and other external factors.

In addition, the securities markets have from time to time experienced significant price and volume fluctuations that are unrelated to the operating performance of particular companies. These market fluctuations may also materially and adversely affect the market price of our common stock.

Additional stock offerings may dilute current stockholders.

We may need to issue additional shares of our capital stock or securities convertible or exercisable for shares of our capital stock, including preferred stock, options or warrants. The issuance of additional capital stock may dilute the ownership of our current stockholders.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and current reports and other information with the SEC (File No. 001-15288). You may read and copy these reports and other information at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information on the operation of the SEC's Public Reference Room by calling the SEC at 1-800-SEC-0330. Copies may be obtained from the SEC by paying the required fees. The SEC maintains an internet website that contains reports, proxy and information statements and other information regarding us and other issuers that file electronically with the SEC. The SEC's website is <http://www.sec.gov>. Our SEC filings are also available to the public over the Internet at the SEC's web site at <http://www.sec.gov>.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to "incorporate by reference" into this prospectus information we file with them, which means that we can disclose important information to you by referring to documents we have previously filed with the SEC. The information incorporated by reference is considered to be part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. Except to the extent that information is deemed furnished and not filed pursuant to securities laws and regulations, we incorporate by reference the documents listed below and any future documents we file with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934 (the "Exchange Act"), until we terminate this offering:

1. Our Annual Report on Form 10-K for the year ended December 31, 2008 (filed March 31, 2009);
2. Our Quarterly Reports on Form 10-Q for the periods ended March 31, 2009 (filed May 14, 2009) and June 30, 2009 (filed August 13, 2009);
3. Our current reports on Form 8-K filed on March 17, 2009, May 29, 2009 and June 12, 2009; and
4. The description of our Common Stock incorporated by reference in our Registration Statement on Form 8-A (filed October 9, 1998), as amended on November 3, 1998.

Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any other subsequently filed document which is also or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

We will provide at no cost to each person, including any beneficial owner, to whom a prospectus is delivered, upon written or oral request, a copy of any or all of the information that has been incorporated by reference in the prospectus but not delivered with the prospectus, excluding the exhibits to such filings that we have not specifically incorporated by reference in such filings. You should direct such requests to us at 445 Park Avenue, Suite 1018, New York, New York 10021, Attention: Corey M. Horowitz, Chairman and Chief Executive Officer, telephone number (212) 829-5770.

NOTE REGARDING FORWARD-LOOKING STATEMENTS