

NETWORK-1 SECURITY SOLUTIONS, INC.

Filed Pursuant to Rule 424(b)(3)
Registration No. 333-126013

PROSPECTUS SUPPLEMENT NO. 3
(To Prospectus dated June 12, 2007)

This is a prospectus supplement to our prospectus dated June 12, 2007 (the "Prospectus") relating to the resale from time to time by selling stockholders of up to 14,127,191 shares of our common stock, including shares issuable upon exercise of outstanding warrants and options. On November 14, 2007, we filed with the Securities and Exchange Commission a Quarterly Report on Form 10-QSB. The text of the Quarterly Report on Form 10-QSB is attached to and a part of this supplement.

This prospectus supplement should be read in conjunction with the Prospectus and may not be delivered or utilized without the Prospectus. This prospectus supplement is qualified by reference to the Prospectus, except to the extent that the information provided by this prospectus supplement supersedes the information contained in the Prospectus.

The securities offered by the Prospectus involve a high degree of risk. You should carefully consider the "Risk Factors" referenced on page 4 of the Prospectus in determining whether to purchase the Common Stock.

The date of this prospectus supplement is November 14, 2007.

U.S. SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 10-QSB

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE QUARTERLY PERIOD ENDED SEPTEMBER 30, 2007

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

COMMISSION FILE NUMBER 1-14896

NETWORK-1 SECURITY SOLUTIONS, INC.

(EXACT NAME OF SMALL BUSINESS ISSUER AS SPECIFIED IN ITS CHARTER)

DELAWARE

11-3027591

(STATE OR OTHER JURISDICTION OF INCORPORATION OR ORGANIZATION) (IRS EMPLOYER IDENTIFICATION NO.)

445 Park Avenue, Suite 1028, New York, New York 10022
(ADDRESS OF PRINCIPAL EXECUTIVE OFFICES)

212-829-5770
(Issuer's Telephone Number)

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

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

The number of shares of Common Stock, \$.01 par value per share, outstanding as of November 12, 2007 was 23,218,057

NETWORK-1 SECURITY SOLUTIONS, INC.

INDEX

Page No.

PART I. FINANCIAL INFORMATION

Item 1. FINANCIAL STATEMENTS

Condensed Balance Sheets as of September 30, 2007 (unaudited) and December 31, 2006.....	3
Condensed Statements of Operations for the three and nine months ended September 30, 2007 and 2006 (unaudited).....	4
Condensed Statements of Cash Flows for the nine months ended June 30, 2007 and 2006 (unaudited).....	5
Notes to Condensed Financial Statements.....	6

Item 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OR PLAN OF OPERATION.....	14
--	----

Item 3. CONTROLS AND PROCEDURES.....	24
--------------------------------------	----

PART II. OTHER INFORMATION

Item 1. Legal Proceedings.....	24
Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.....	25
Item 3. Defaults Upon Senior Securities.....	25
Item 4. Submission of Matters to a Vote of Security Holders.....	25
Item 5. Other Information.....	25
Item 6. Exhibits.....	25

SIGNATURES.....	26
-----------------	----

NETWORK-1 SECURITY SOLUTIONS, INC.
CONDENSED BALANCE SHEETS
UNAUDITED

SEPTEMBER 30, DECEMBER 31,
2007 2006

(UNAUDITED)

ASSETS

Current assets:

Cash and cash equivalents	\$ 4,973,000	\$ 1,797,000
Accounts Receivable	40,000	
Prepaid Expenses	11,000	71,000
Other current assets	2,000	4,000
	-----	-----
Total current assets	5,026,000	1,875,000
Equipment, net	8,000	11,000
Security Deposits	6,000	6,000
Patents	74,000	79,000
	-----	-----

\$ 5,114,000 \$ 1,971,000

LIABILITIES

Current liabilities:

Accounts payable	\$ 83,000	\$ 350,000
Accrued expenses and other current liabilities	98,000	219,000
Total current liabilities	181,000	569,000

Commitments and contingencies

STOCKHOLDERS' EQUITY

Common stock - \$0.01 par value ; authorized 50,000,000 shares; 23,198,057 shares issued and outstanding at September 30, 2007 and 19,764,724 at December 31, 2006

232,000 197,000

Additional paid-in capital	53,511,000	47,484,000
Accumulated deficit	(48,846,000)	(46,279,000)

4,933,000 1,402,000

\$ 5,114,000 \$ 1,971,000

See notes to condensed financial statements

3

NETWORK-1 SECURITY SOLUTIONS, INC.
CONDENSED STATEMENTS OF OPERATIONS
UNAUDITED

<TABLE><CAPTION>

	THREE MONTHS ENDED SEPTEMBER 30,		NINE MONTHS ENDED SEPTEMBER 30,		
	2007	2006	2007	2006	
<S>	<C>	<C>	<C>	<C>	
Revenues					
Royalties	\$ 181,000	--	\$ 181,000	--	
Cost of Royalties	9,000	--	9,000	--	
Gross Margin	172,000	--	172,000	--	
Operating expenses:					
General and Administrative	300,000	404,000	1,533,000	\$ 949,000	
Non Cash Compensation	67,000	54,000	1,294,000	156,000	
Total Expenses	367,000	459,000	2,827,000	1,105,000	
LOSS BEFORE INTEREST INCOME		(195,000)	(459,000)	(2,655,000)	(1,105,000)
Interest income - net	61,000	19,000	124,000	49,000	
Net Loss	<u>\$ (134,000)</u>	<u>\$ (440,000)</u>	<u>\$ (2,531,000)</u>	<u>\$ (1,056,000)</u>	

LOSS PER COMMON SHARE: BASIC AND DILUTED \$ (.01) \$ (.02) \$ (.12) \$ (.06)

WEIGHTED AVERAGE SHARES: BASIC AND DILUTED 23,198,057 19,208,474 21,869,913 18,702,034

</TABLE>

4

NETWORK-1 SECURITY SOLUTIONS, INC.
CONDENSED STATEMENTS OF CASH FLOW
UNAUDITED

<TABLE><CAPTION>

	NINE MONTHS ENDED SEPTEMBER 30,		
	2007	2006	
<S>	<C>	<C>	
Cash flows from operating activities:			
Net loss	\$ (2,531,000)	\$ (1,056,000)	
Adjustments to reconcile net loss to net cash used in operating activities:			
Depreciation and amortization		8,000	5,000
Non-Cash Compensation		1,294,000	156,000
Changes in:			
Prepaid expenses and other current assets		25,000	69,000
Accounts payable, accrued expenses and other current liabilities	(387,000)	(122,000)	
Net cash used in operating activities	(1,591,000)	(938,000)	
Cash Flows from Investing Activities	--	--	
Cash Flows from Financing Activities			
Issuance of Common Stock, net of expenses of \$275,000	4,767,000	2,129,000	
NET INCREASES IN CASH AND CASH EQUIVALENTS	3,176,000	1,119,000	
Cash and cash equivalents, beginning of period	1,797,000	938,000	
CASH AND CASH EQUIVALENTS, END OF PERIOD	\$ 4,973,000	\$ 2,129,000	

</TABLE>

See notes to condensed financial statements

5

NETWORK-1 SECURITY SOLUTIONS, INC.
NOTES TO CONDENSED FINANCIAL STATEMENTS
(UNAUDITED)

NOTE A - NATURE OF BUSINESS AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

[1] BASIS OF PRESENTATION:

The accompanying condensed financial statements as of September 30, 2007 and for the three and nine month periods ended September 30, 2007 and September 30, 2006, are unaudited, but, in the opinion of the management of Network-1 Security Solutions, Inc. (the "Company"), contain all adjustments consisting only of normal recurring items which the Company considers necessary for the fair presentation of the Company's financial position as of September 30, 2007, and the results of its operations and its cash flows for the three and nine month periods ended September 30, 2007 and September 30, 2006. The condensed financial statements included herein have been prepared in accordance with the accounting principles generally accepted in the United States of America for interim financial information and the instructions to Form 10-QSB. Accordingly, certain information and footnote disclosures normally included in the financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been omitted pursuant to such rules and

regulations, although management believes that the disclosures are adequate to make the information presented not misleading. These financial statements should be read in conjunction with the audited financial statements for the year ended December 31, 2006 included in the Company's Annual Report on Form 10-KSB filed with the Securities and Exchange Commission. The results of operations for the nine months ended September 30, 2007 are not necessarily indicative of the results of operations to be expected for the full year.

[2] BUSINESS:

(a) 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 including, among others, patents covering the delivery of power over Ethernet cable for the purpose of remotely powering network devices, and the transmission of audio, video and data over computer and telephony networks. The Company's strategy is to pursue 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.

In February 2004, the Company initiated licensing efforts relating to one of its patents (U.S. Patent No. 6,218,930) covering the remote delivery of power over Ethernet cables (the "Remote Power Patent"). In August 2007, as part of its Settlement Agreement pertaining to the Company's patent infringement litigation with D-Link Corporation and D-Link Systems (collectively, D-Link), the Company entered into its first license agreement for its Remote Power Patent with D-Link (See Note E-Litigation). To date the Company has not entered into any other license agreements with third parties with respect to its Remote Power Patent or its other patents.

6

NETWORK-1 SECURITY SOLUTIONS, INC.
NOTES TO CONDENSED FINANCIAL STATEMENTS
(UNAUDITED)

NOTE A - [2] BUSINESS: (CONTINUED)

(b) As reflected in the accompanying financial statements, the Company has incurred substantial losses and has experienced net cash outflows from operations for the year ended December 31, 2006 and the three and nine month period ended September 30, 2007. For the year ended December 31, 2006 the Company had no revenue and for the three and nine month periods ended September 30, 2007, the Company had revenue of \$181,000. The Company will continue to have operating losses for the foreseeable future until it is successful in licensing its patented technologies. The Company is dependent upon equity financing until it generates cash flows from operations. In April 2007, the Company completed a \$5 million private placement of its securities. (See Note B - Private Placement). During the nine month period ended September 30, 2007, warrants to purchase 100,000 shares of common stock were exercised, at exercise prices of \$.12, \$.14, \$.19 and \$1.25 per share, resulting in aggregate proceeds to the Company of \$42,250. The Company had cash and cash equivalents of \$4,973,000 as of September 30, 2007. The Company believes its current cash position will more likely than not be sufficient to satisfy the Company's operations and capital requirements until at least December 31, 2008, although there can be no assurance that such funds will not be expended prior thereto.

[3] STOCK-BASED COMPENSATION:

In December 2004, the FASB issued Statement No. 123 (Revised 2004), "Share-Based Payment" ("SFAS No. 123R"). SFAS No. 123R supersedes APB 25 and requires the recognition of the cost of employee services received in exchange for stock options and awards of equity instruments based on the grant-date fair value of such options and awards, over the period they vest. Under APB 25, no compensation was recorded in earnings for the Company's stock-based options granted under the 1996 Stock Incentive Plan (the "Plan"). The pro forma effects on net income and earnings per share for the awards issued under the Plan were instead disclosed in a footnote to the financial statements. Under SFAS No. 123R, all share-based compensation is measured at the grant date, based on the fair value of the award, and is recognized as an expense in earnings over the

requisite service period. On January 1, 2006, the Company adopted the provisions of SFAS No. 123R, for its share-based compensations plans and began recognizing the unvested portion of employee compensation from stock options and awards equal to the unamortized grant-date fair value over the remaining vesting period. Furthermore, compensation costs will also be recognized for any awards issued, modified, repurchased, or canceled after January 1, 2006.

7

NETWORK-1 SECURITY SOLUTIONS, INC.
 NOTES TO CONDENSED FINANCIAL STATEMENTS
 (UNAUDITED)

[3] STOCK-BASED COMPENSATION: (continued)

On February 28, 2007, the Company granted options to its Chairman and CEO to purchase 375,000 shares at an exercise price of \$1.46 per share in accordance with a new employment agreement (See Note D - Employment Arrangements and Other Agreements). Such options vest in equal quarterly amounts of 93,750 shares beginning March 31, 2007 through December 31, 2007. The Company recorded compensation expenses of \$189,000 for these options for the nine months ended September 30, 2007 based on the Black-Scholes option-pricing model. In addition, during the nine months ended September 30, 2007, the Company also recorded compensation expense of \$16,000 and \$19,000 for the vested portion of options granted to directors and consultants, respectively, prior to January 1, 2007. On April 18, 2007, the Company issued to its Chairman and CEO a five year option to purchase 732,709 shares of common stock at an exercise price of \$1.67 per share. Such option was issued pursuant to the anti-dilution provisions of an employment agreement with the Company's CEO and Chairman as a result of the Company's completion of a \$5 million private offering in April 2007. The Company recorded an additional expense of \$699,000 as a result of such option issuance during the nine months ended September 30, 2007. (See Notes B and D)

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

NINE MONTHS ENDED SEPTEMBER 30,

	2007	2006
	-----	-----
Risk-free interest rates	4.62%	4.51%
Expected option life in years	5 yrs.	5 yrs.
Expected stock price volatility	45.92%	69.8%
Expected dividend yield	-0-	-0-

8

NETWORK-1 SECURITY SOLUTIONS, INC.
 NOTES TO CONDENSED FINANCIAL STATEMENTS
 (UNAUDITED)

[4] REVENUE RECOGNITION:

The Company recognizes its revenue received from the licensing of its intellectual property portfolio in accordance with Staff Accounting Bulletin No. 104, "Revenue Recognition" ("SAB No. 104") and related authoritative pronouncements. Revenue is recognized when (i) persuasive evidence of an arrangement exists, (ii) all obligations have been performed pursuant to the terms of the license agreement, (iii) amounts are fixed or determinable and (iv) collectibility of amounts is reasonably assured.

[5] LOSS PER SHARE:

Basic net loss per share is calculated by dividing the net loss by the weighted average number of outstanding common shares during the period. Diluted per share data includes the dilutive effects of options, warrants and convertible securities. Potential shares of 12,315,857 and 9,060,970 at September 30, 2007 and 2006, respectively, are anti-dilutive, and are not included in the calculation of diluted loss per share. Such potential common shares reflect options and warrants.

[6] CASH EQUIVALENTS:

The Company places cash investments in high quality financial institutions insured by the Federal Deposit Insurance Corporation ("FDIC"). At September 30, 2007, the Company maintained cash balance of approximately \$4,873,000 in excess of FDIC limits.

NOTE B - PRIVATE PLACEMENT

On April 16, 2007, the Company completed a \$5 million private placement of its securities consisting of 3,333,333 shares of its common stock, at a purchase price of \$1.50 per share, and five year warrants to purchase an aggregate of 1,666,667 shares of common stock at an exercise price of \$2.00 per share. In connection with the Closing of the private placement, the Company paid placement agent fees of \$275,000 and issued 5 year warrants to purchase 360,000 shares of common stock (240,000 shares at an exercise price of \$1.50 per share and 120,000 shares at an exercise price of \$2.00 per share). Pursuant to the anti-dilution provisions of his employment agreement, Corey M. Horowitz, Chairman and CEO, was issued a 5 year option to purchase 732,709 shares of common stock, at an exercise price of \$1.67 per share, with respect to the private placement. (See Note A[3])

NOTE C - COMMITMENTS AND CONTINGENCIES

On November 30, 2004, the Company entered into a master services agreement (the "Agreement") with ThinkFire Services USA, Ltd. ("ThinkFire") pursuant to which ThinkFire has been granted the exclusive worldwide rights (except for direct efforts by the Company and related companies) to negotiate license agreements for the Remote Power Patent with respect to certain potential licensees agreed to between the parties. Either the Company or ThinkFire can terminate the Agreement upon 60 days' notice for any reason or upon 30 days' notice in the event of a material breach. The Company has agreed to pay ThinkFire a fee up to 20% of the royalty payments received from license agreements consummated by ThinkFire on its behalf.

9

NETWORK-1 SECURITY SOLUTIONS, INC.
NOTES TO CONDENSED FINANCIAL STATEMENTS
(UNAUDITED)

NOTE C - COMMITMENTS AND CONTINGENCIES: (CONTINUED)

On January 18, 2005, the Company and Merlot Communications, Inc. ("Merlot") amended the Patent Purchase Agreement originally entered into in November 2003 (the "Amendment") pursuant to which the Company paid additional purchase price of \$500,000 to Merlot in consideration for the restructuring of future contingent payments to Merlot from the licensing or sale of the Patents. The Amendment provides for future contingent payments by the Company to Merlot of \$1.0 million upon achievement of \$25 million of Net Royalties (as defined), an additional \$1.0 million upon achievement of \$50 million of Net Royalties and an additional \$500,000 upon achievement of \$62.5 million of Net Royalties from licensing or sale of the patents acquired from Merlot. Certain principal stockholders of the Company and related parties were also principal stockholders and directors of Merlot at the time of the original agreement in November 2003 and the Amendment.

With respect to legal services rendered to the Company by Blank Rome, LLP ("Blank Rome") on a contingency basis pertaining to the Company's patent infringement litigation against D-Link Corporation and D-Link Systems (collectively, "D-Link"), after the Company has recovered royalties from D-Link pursuant to the settlement agreement sufficient to cover its out-of-pocket expenses related to the litigation, in accordance with its engagement agreement with Blank Rome the Company is obligated to pay Blank Rome legal fees in an amount equal to 25% of the royalties received by the Company from D-Link pursuant to the settlement agreement.

NOTE D - EMPLOYMENT ARRANGEMENTS AND OTHER AGREEMENTS

On February 28, 2007, the Company entered into a new Employment Agreement with Corey M. Horowitz pursuant to which Mr. Horowitz continued to serve as Chairman and Chief Executive Officer for a two year term at an annual base salary of

\$288,750 for the first year, increasing by 5% for the second year. In connection with his employment agreement, Mr. Horowitz was issued a five (5) year option to purchase 375,000 shares of common stock at an exercise price of \$1.46 per share which vests, on a quarterly basis over a one year period subject to acceleration upon a change of control. The Company also agreed to issue to Mr. Horowitz on the one year anniversary date of the employment agreement an additional five (5) year option to purchase a minimum of 375,000 shares of common stock at an exercise price equal to the closing price of the Company's common stock on the date of grant, which option will vest on a quarterly basis over a one year period. In addition to the aforementioned option grants, the Company agreed to extend for an addition three (3) years the expiration dates of all options and warrants (an aggregate of 2,620,000 shares) expiring in calendar year 2007 and 2008 owned by Mr. Horowitz and CMH Capital Management Corp. ("CMH"), an affiliate. In connection with the extension of

10

NETWORK-1 SECURITY SOLUTIONS, INC.
NOTES TO CONDENSED FINANCIAL STATEMENTS
(UNAUDITED)

NOTE D - EMPLOYMENT ARRANGEMENTS AND OTHER AGREEMENTS: (CONTINUED)

the expiration dates of such options and warrants, the Company recorded compensation expense of \$371,000 during the nine months ended September 30, 2007 based on the Black-Scholes option pricing model. Under the terms of his Employment Agreement, Mr. Horowitz shall receive bonus compensation in a amount equal to 5% of Company royalties or other payments (before deduction of payments to third parties including, but not limited to, legal fees and expenses and third party license fees) received from licensing its patents (including patents currently owned and acquired or licensed on an exclusive basis during the period in which Mr. Horowitz continues to serve as an executive officer of the Company) (the "Royalty Bonus Compensation"). With respect to royalties paid for the three month period ended September 30, 2007 by D-Link pursuant to its settlement agreement with the Company (See Note E-"Litigation"), Mr. Horowitz earned Royalty Bonus Compensation of \$9,050. Mr. Horowitz shall also receive bonus compensation equal 5% of the gross proceeds from (i) the sale of any of the Company's patents or (ii) the Company's merger with or into another corporation or entity. The Royalty Bonus Compensation shall continue to be paid to Mr. Horowitz for the life of each of the Company's patents with respect to licenses entered into by the Company with third parties during Mr. Horowitz's term of employment or at anytime thereafter, whether Mr. Horowitz is employed by the Company or not, provided, that, Mr. Horowitz's employment has not been terminated by the Company "For Cause" (as defined) or terminated by Mr. Horowitz without "Good Reason" (as defined). In the event that Mr. Horowitz's employment is terminated by the Company "Other Than For Cause" (as defined) or by Mr. Horowitz for "Good Reason" (as defined), Mr. Horowitz shall be entitled to a severance of 12 months base salary.

In accordance with his employment agreement, Mr. Horowitz also has certain anti-dilution rights which provide that if at any time during the period ended December 31, 2008, in the event that the Company completes an offering of its common stock or any securities convertible or exercisable into common stock (exclusive of securities issued upon exercise of outstanding options, warrants or other convertible securities), Mr. Horowitz shall receive from the Company, at the same price as the securities issued in the financing, such number of additional options to purchase common stock so that he maintains the same derivative ownership percentage (21.47%) of the Company based upon options and warrants owned by Mr. Horowitz and CMH (an affiliated entity) and exclusive of his ownership of shares of common stock as he and CMH owned as of the time of execution of his employment agreement; provided, that, the aforementioned anti-dilution protection shall be afforded to Mr. Horowitz up to maximum financings of \$2.5 million. In April 2007, in connection with the Company's completion of a \$5 million private offering, Mr. Horowitz was issued a 5 year option to purchase 732,709 shares of the Company's common stock, at an exercise price of \$1.67 per share, in accordance with the aforementioned anti-dilution provisions of his employment agreement. (See Note A[3])

11

NETWORK-1 SECURITY SOLUTIONS, INC.
NOTES TO CONDENSED FINANCIAL STATEMENTS
(UNAUDITED)

NOTE E - LITIGATION

D-LINK LITIGATION

On August 10, 2005, the Company 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 the Company's Remote Power Patent. The Company's complaint sought, among other things, a judgment that its Remote Power Patent is enforceable and has been infringed by the defendants. The Company also sought a permanent injunction restraining the defendants from continued infringement, or active inducement of infringement by others, of the Company's Remote Power Patent.

In August 2007 the Company finalized the settlement of its patent infringement litigation against D-Link. Under the terms of the settlement, D-Link agreed to license the Remote Power Patent the terms of which include monthly royalty payments of 3.25% 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. The royalty rates are subject to adjustment beginning after the first quarter of 2008 to a rate consistent with other similarly situated licensees of the Remote Power Patent based on units of shipments of licensed products. In addition, D-Link paid the Company \$100,000 upon signing the settlement agreement.

POWERDSINE SETTLEMENT

On November 17, 2005, the Company entered into a Settlement Agreement with PowerDsine, Inc. (NASDAQ: PDSN) and PowerDsine Ltd. (collectively, "PowerDsine") which dismissed, with prejudice, patent litigation brought by PowerDsine against the Company in March 2004 in the United States District Court for the Southern District of New York that sought a declaratory judgment that the Company's Remote Power Patent (U.S. Patent No. 6,218,930) was invalid and not infringed by PowerDsine and/or its customers.

Under the terms of the Settlement Agreement, the Company agreed that it will not initiate litigation against PowerDsine for its sale of Power over Ethernet (PoE) integrated circuits. In addition, the Company has agreed that it 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. The Company has also

12

NETWORK-1 SECURITY SOLUTIONS, INC. NOTES TO CONDENSED FINANCIAL STATEMENTS (UNAUDITED)

NOTE E - LITIGATION: (CONTINUED)

agreed that it will not initiate litigation against PowerDsine or its customers for infringement of the Remote Power Patent arising from the manufacture and sale of PowerDsine Midspan products until November 23, 2008 (three years from the dismissal date). At such time, the Company may seek damages for infringement of the Remote Power Patent from PowerDsine or its customers with respect to the purchase and sale of Midspan products. The benefits afforded to PowerDsine under the Settlement Agreement will cease in the event PowerDsine institutes, assists or cooperates in any legal proceeding related to the Remote Power Patent adverse to the Company (unless otherwise required by law to do so) and PowerDsine customers will also forfeit benefits under the Settlement Agreement if they engage in similar actions.

No licenses to use the technologies covered by the Remote Power Patent were granted to PowerDsine or its customers under the terms of the settlement. The Settlement Agreement further provides that PowerDsine is obligated to provide each of its customers with written notice of the settlement which notice shall disclose that no license for the Remote Power Patent has been provided to PowerDsine's customers and that in order to combine, modify or integrate any PowerDsine product with or into any other device or software, PowerDsine's customers may need to receive patent license(s) for such third party patents

which is the customer's responsibility. For the full text of the Company's Settlement Agreement with PowerDsine, see Exhibit 10.1 of the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission on November 17, 2005.

ITEM 2: MANAGEMENT'S DISCUSSION AND ANALYSIS OR PLAN OF OPERATION

THIS QUARTERLY REPORT ON FORM 10-QSB CONTAINS FORWARD-LOOKING STATEMENTS WHICH ARE STATEMENTS THAT INCLUDE INFORMATION BASED UPON BELIEF OF OUR MANAGEMENT, AS WELL AS ASSUMPTIONS MADE BY AND INFORMATION AVAILABLE TO MANAGEMENT. STATEMENTS CONTAINING TERMS SUCH AS "BELIEVES", "EXPECTS", "ANTICIPATES", "INTENDS" OR SIMILAR WORDS ARE INTENDED TO IDENTIFY FORWARD LOOKING STATEMENTS. 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 BEGINNING ON PAGES 18-23 OF THIS QUARTERLY REPORT ON 10-QSB FOR THE QUARTERLY PERIOD ENDED SEPTEMBER 30, 2007.

OVERVIEW

Our principal business is the acquisition, development, licensing and protection of our intellectual property. We presently own six patents covering various telecommunications and data networking technologies (the "Patent Portfolio") including, among others, 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 the industries that manufacture and sell products that make use of the technologies underlying our 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, we acquired the Patent Portfolio from Merlot Communications, Inc., a broadband communications solutions provider. In February 2004, following our review of applicable markets, we initiated licensing efforts relating to one of our patents (U.S. Patent No. 6,218,930) covering the remote delivery of power over Ethernet cable (the "Remote Power Patent"). We have focused, and will continue to focus, our efforts on licensing our Remote Power Patent. In August 2007, as part of our Settlement Agreement pertaining to our patent infringement litigation against D-Link Corporation and D-Link Systems (collectively, "D-Link"), we entered into our first license agreement for our Remote Power Patent with D-Link. (See Note E - Litigation to our Financial Statements). During the next 12 months, we do not anticipate licensing efforts for our other patents besides our Remote Power Patent. We may seek to acquire or license additional patents in the future.

To date we have incurred significant losses and at September 30, 2007 had an accumulated deficit of \$(48,810,000). For the year ended December 31, 2006, we incurred a net loss of \$(1,952,000) and incurred a net loss of \$(2,531,000) for the nine months ended September 30, 2007. We anticipate that we will continue to incur losses until we enter into material license agreements with respect to our patented technologies. We have achieved revenue of \$181,000 from our technology licensing business for the nine months ended September 30, 2007. Our inability to consummate additional material license agreements and

achieve revenue from our patented technologies would have a material adverse effect on our operations and our ability to continue business.

We do not currently have any revenue from operations. Our success and ability to generate revenue is largely dependent on our ability to consummate licensing arrangements with third parties. In November 2004, we entered into an agreement with ThinkFire Services USA, Ltd. ("ThinkFire") pursuant to which ThinkFire has been granted the exclusive worldwide rights to negotiate license agreements for the Remote Power Patent with certain agreed-upon potential

licensees. We have agreed to pay ThinkFire a fee of up to 20% of the royalty payments received from license agreements consummated by ThinkFire on our behalf.

In August 2007 we finalized the settlement of our patent infringement litigation against D-Link in the United States District Court for the Eastern District of Texas, Tyler Division, for infringement of our Remote Power Patent (U.S. Patent No. 6,218,930). Under the terms of the settlement, D-Link has agreed to license our the Remote Power Patent the terms of which include monthly royalty payments of 3.25% of the net sales of D-Link branded 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. The royalty rate is subject to adjustment beginning after the first quarter of 2008 to a rate consistent with other similarly situated licensees of the Remote Power Patent based on units of shipments of licensed products. In addition, D-Link paid us \$100,000 upon signing the settlement agreement. Notwithstanding the settlement and our license agreement with D-Link, there is no assurance that we will achieve significant royalty revenue from D-Link, that we will be able to achieve additional license agreements with third parties relating to our Remote Power Patent or our other patents, or that such license arrangements will result in material revenue to us.

Our success depends on our ability to protect our intellectual property rights. In the future, it may be necessary for us to commence patent litigation against third parties whom we believe require a license for our patents. In addition, 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 our focus. Blank Rome LLP represented us on a contingency basis with respect to our patent infringement lawsuit against D-Link and is entitled to receive 25% of royalties received by us from D-Link after our recovery of out-of-pocket expenses. (See Note C- Commitments and Contingencies to our Financial Statements). If third parties making claims against us seeking to invalidate our Remote Power 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 its patent. Successful litigation against us resulting in a determination that our Remote Power Patent is invalid would have a material adverse effect on the Company.

15

RESULTS OF OPERATIONS

THREE MONTHS ENDED SEPTEMBER 30, 2007 COMPARED TO THREE MONTHS ENDED SEPTEMBER 30, 2006

We had revenues of \$181,000 for the three months ended September 30, 2007 which were related to the settlement of our patent infringement litigation against D-Link and the receipt of royalties from D-Link for the three months ended September 30, 2007 pursuant to our license agreement with D-Link. The Company had no revenues for the three months ended September 30, 2006.

We had a cost of royalties of \$9,000 for the three months ended September 30, 2007 which was related to the payment of bonus compensation on the royalties pursuant to agreement with our Chief Executive Officer. The gross profit for the three months ended September 30, 2007 was \$172,000 as compared to no gross profit for the three months ended September 30, 2006.

General and administrative expenses include overhead expenses, and finance, accounting, legal and other professional services incurred by us. General and administrative expenses decreased by \$104,000, from \$404,000 for the three months ended September 30, 2006 to \$300,000 for the three months ended September 30, 2007 due primarily to decreased legal fees and costs.

We incurred an operating loss of (\$195,000) for the three months ended September 30, 2007 compared with an operating loss of (\$459,000) for the three months ended September 30, 2006. Included in the operating loss for the three months ended September 30, 2007 was \$67,000 in charges relating to non-cash compensation expenses as compared to \$54,000 for the three months ended September 30, 2006. These losses were offset by interest earned of \$61,000 and \$19,000 for the three months ended September 30, 2007 and September 30, 2006, respectively.

No provision for or benefit from federal, state or foreign income taxes was

recorded for three months ended September 30, 2007 and September 30, 2006 because we incurred net operating losses and fully reserved our deferred tax assets as their future realization could not be determined.

As a result of the foregoing, we incurred a net loss of \$(134,000) for the three months ended September 30, 2007 compared with a net loss of \$(440,000) for the three months ended September 30, 2006.

NINE MONTHS ENDED SEPTEMBER 30, 2007 COMPARED TO NINE MONTHS ENDED SEPTEMBER 30, 2006

We had revenues of \$181,000 for the nine months ended September 30, 2007 which were related to the settlement of our patent infringement litigation against D-Link and the receipt of royalties from D-Link for the nine months ended September 30, 2007 pursuant to our license agreement with D-Link. We had no revenues for the nine months ended September 30, 2006.

16

We had a cost of royalties of \$9,000 for the nine months ended September 30, 2007 which was related to the payment of bonus compensation on the royalties pursuant to agreement with our Chief Executive Officer. The gross profit for the nine months ended September 30, 2007 was \$172,000 as compared to no gross profit for the nine months ended September 30, 2006.

General and administrative expenses include overhead expenses, and finance, accounting, legal and other professional services incurred by us. General and administrative expenses increased by \$584,000, from \$949,000 for the nine months ended September 30, 2006 to \$1,533,000 for the nine months ended September 30, 2007 primarily due to increased expenses incurred in connection with the D-Link litigation.

We had an operating loss of \$2,655,000 for the nine months ended September 30, 2007 compared with an operating loss of \$1,105,000 for the nine months ended September 30, 2006. Included in the operating loss for the nine months ended September 30, 2007 was \$1,294,000 in charges relating to non-cash compensation expenses as compared to \$156,000 for the nine months ended September 30, 2006. These losses were offset by interest earned of \$124,000 and \$49,000 for the nine months ended September 30, 2007 and September 30, 2006, respectively.

No provision for or benefit from federal, state or foreign income taxes was recorded for nine months ended September 30, 2007 and September 30, 2006 because we incurred net operating losses and fully reserved our deferred tax assets as their future realization could not be determined.

As a result of the foregoing, we incurred a net loss of \$(2,531,000) for the nine months ended September 30, 2007 compared with a net loss of \$(1,056,000) for the nine months ended September 30, 2006.

LIQUIDITY AND CAPITAL RESOURCES

We have financed our operations primarily from the sale of equity securities. In April 2007, we completed a private offering of equity securities resulting in gross proceeds of \$5,000,000. In addition, during the first quarter of 2006 we received \$1,493,726 of cash proceeds from the exercise of warrants issued in December 1999. We anticipate, based on currently proposed plans and assumptions, relating to our operations, that our cash and cash equivalents of approximately \$4,866,000 as of November 1, 2007 will more likely than not be sufficient to satisfy our operations and capital requirements until at least December 31, 2008. 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 may have insufficient funds to support our operations prior to December 31, 2008. Our inability to consummate licensing arrangements with respect to our Remote Power Patent and generate revenues therefrom on a timely basis or obtain additional financing when needed would have a material adverse effect on our company, requiring us to curtail or cease operations. In addition, any equity financing may involve substantial dilution to our current stockholders.

17

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 our control. The following discussion highlights the most material of the risks.

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 \$(48,810,000) as of September 30, 2007. For the years ended December 31, 2006 and 2005, we incurred net losses of \$(1,958,000) and \$(1,332,000), respectively. For the nine months ended September 30, 2007, we incurred a net loss of \$(2,531,000). We have financed our operations primarily by sales of equity securities. We have had no revenue from operations for the years ended December 31, 2005 and December 31, 2006 and for the nine months ended September 30, 2007 the revenue was \$181,000. Our ability to achieve revenue and generate positive cash flow from operations is dependent upon consummating licensing agreements with respect to our patented technologies. In August 2007, as part of our settlement agreement pertaining to our patent infringement litigation against D-Link Corporation and D-Link Systems (collectively, "D-Link"), we entered into our first license agreement for our Remote Power Patent with D-Link. (See Note E - Litigation to our Financial Statements). We may not be successful in achieving additional 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 \$4,866,000 at November 1, 2007 will more likely than not be sufficient to satisfy our operations and capital requirements until at least December 31, 2008. 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, 2008. Our inability to obtain additional financing when needed, absent generating sufficient cash from licensing arrangements, would have a material adverse effect on our 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.

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. We have only entered into one license agreement with a third party with respect to our patented technology (See Note E-"Litigation" to our Financial Statements). 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 in a highly specialized and competitive market. We may not be able to achieve sufficient revenue 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. 6,218,930) (the "Remote Power Patent"). To date, we have entered into only one license agreement with respect to our Remote Power Patent as part of our settlement agreement with D-Link. (See Note E-Litigation to our Financial Statements). 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

our ability to continue our business. In addition, in the event we consummate license arrangements with third parties, such arrangements are not likely to 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.

WE ARE CURRENTLY RELYING UPON THE EFFORTS OF THINKFIRE TO CONSUMMATE LICENSING AGREEMENTS FOR OUR REMOTE POWER PATENT WITH CERTAIN SELECT POTENTIAL LICENSEES.

On November 30, 2004, we entered into a Master Services Agreement (the "Agreement") with ThinkFire Services USA, Ltd. ("ThinkFire") pursuant to which we granted ThinkFire the exclusive (except for us and related companies) worldwide rights to negotiate license agreements for our Remote Power Patent with respect to certain potential licensees agreed to between the parties.

Either we or ThinkFire can terminate the Agreement upon 60 days notice for any reason or upon 30 days notice in the event of a material breach. We have agreed to pay ThinkFire a fee of up to 20% of the royalty payments received from license agreements consummated by ThinkFire on our behalf. ThinkFire may not be successful in consummating license agreements on our behalf and even if such agreements are consummated they may not result in significant royalty payments to us.

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 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 us.

19

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 (See Note E-Litigation to our Financial Statements). 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 had been asserted by D-Link as a defense in their litigation 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 invalid would have a material adverse effect on us.

OUR SETTLEMENT WITH D-LINK MAY NOT RESULT IN SIGNIFICANT ROYALTIES AND DOES NOT NECESSARILY MEAN WE WILL ACHIEVE ADDITIONAL LICENSE AGREEMENTS OR MATERIAL REVENUE.

In August 2007 we finalized the settlement agreement with respect to our patent litigation against D-Link Corporation and D-Link Systems, Incorporated pending in the United States District Court for the Eastern District of Texas, Tyler Division, for infringement of our Remote Power Patent. Under the terms of the settlement, D-Link entered into a license agreement for our Remote Power Patent the terms of which include monthly royalty payments of 3.25% 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 life of the Remote Power Patent, which expires in March 2020. The royalty rate will be subject to adjustment beginning after the first quarter of 2008 to a rate consistent with other similarly situated licensees of the Remote Power Patent based on units of shipments of licensed products. In addition, D-Link paid us \$100,000 upon signing of the Settlement Agreement. Notwithstanding the settlement and our license agreement with the D-Link parties, there is no assurance that we will achieve significant royalty revenue from D-Link, that we will be able to achieve additional license agreements with third parties relating to our Remote Power Patent or any of our other patents, or that such license arrangements will result in material revenue to 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 1999, 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

20

power to remote devices including wireless access points, IP phones and network based cameras. The technology is commonly referred to as Power Over Ethernet ("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.

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

The telecommunications and data networking 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 or that such parties may not be deemed to infringe any or all of our patents. In addition, the telecommunications and data networking industries may develop technologies that may be more effective than our proprietary technologies or that render our technologies less marketable or obsolete.

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.

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 the Board of Directors. In February 2007, we entered into a new two (2) year employment agreement with Mr. Horowitz pursuant to which he continues to serve as our Chairman and Chief Executive Officer (See Note D to the Financial Statements). We do not maintain

key-man life insurance on the life of Mr. Horowitz. The loss of the services of Mr. Horowitz would have a material adverse effect on our business and prospects.

21

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 November 1, 2007, there are outstanding options and warrants to purchase an aggregate of 12,280,857 shares of our common stock at exercise prices ranging from \$.12 to \$10.00. To the extent that outstanding options and warrants are exercised, 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 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.

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:

- o our ability to successfully enforce and/or defend our Remote Power Patent;
- o our ability to enter into favorable license agreements with third parties with respect to our Remote Power Patent;
- o our ability to achieve material revenue and profits;

22

- o our ability to raise capital when needed;
- o sales of our common stock;
- o our ability to execute our business plan;
- o technology changes;
- o legislative, regulatory and competitive developments; and

- o 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.

SALES OF A SUBSTANTIAL NUMBER OF SHARES OF OUR COMMON STOCK MAY CAUSE THE PRICE OF OUR COMMON STOCK TO DECLINE.

As of November 1, 2007, we have registered for resale 22,221,528 shares of our common stock, including shares issuable upon exercise of outstanding options and warrants. If our stockholders sell substantial amounts of our common stock in the public market, including shares issued upon the exercise of outstanding options and warrants, the market price of our common stock could fall. These sales also may make it more difficult for us to sell equity or equity-related securities in the future at a time and price that we deem reasonable or appropriate.

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.

ITEM 3. CONTROLS AND PROCEDURES.

(a) Evaluation of Disclosure Controls and Procedures.

Our Chief Executive Officer and Chief Financial Officer have reviewed our disclosure controls and procedures of the Company as of the end of the period covered by this Quarterly Report on Form 10-QSB. Based upon this review, these officers concluded that, as of the end of the period covered by this Quarterly Report on Form 10-QSB, our disclosure controls and procedures are effective to ensure that information required to be disclosed by us in the reports we file or submit under Securities Exchange Act of 1934 is recorded, processed, summarized and reported, within the time periods specified in applicable rules and forms and is accumulated and communicated to management, including our Chief Executive Officer and Chief Financial Officer, to allow timely decisions regarding required disclosure.

(b) Changes in Internal Controls.

There were no significant changes in our internal controls over financial reporting that have materially affected, or are reasonably likely to materially affect these 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 Quarterly Report on Form 10-QSB.

PART II. OTHER INFORMATION

ITEM 1: LEGAL PROCEEDINGS

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. Our complaint sought, among other things, a judgment that 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 our Remote Power Patent. On February 27, 2006, the D-Link defendants filed answers and asserted counterclaims. In their answers, the D-Link defendants asserted that they did not infringe any valid claim of the Remote Power Patent, and further asserted that the asserted patent claims are invalid and/or unenforceable. In addition to these defenses, the D-Link defendants also asserted counterclaims for, among other things, non-infringement, invalidity and unenforceability of our Remote Power Patent.

In August 2007, we finalized the settlement of our patent infringement

litigation against D-Link. Under the terms of the settlement, D-Link entered into a license agreement for our Remote Power Patent the terms of which include monthly royalty payments of 3.25% 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 our Remote Power Patent, which expires in March 2020. The royalty rate is subject to adjustment beginning after the first quarter of 2008 to a rate consistent with other similarly situated licensees of the Remote Power Patent based on units of shipments of licensed products. In addition, D-Link paid us \$100,000 upon signing of the Settlement Agreement.

24

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS.

None.

ITEM 3. DEFAULTS UPON SENIOR SECURITIES.

None.

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

None.

ITEM 5. OTHER INFORMATION.

None.

ITEM 6. EXHIBITS

(a) Exhibits

31.1 Controls and Procedure Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.

31.2 Controls and Procedure Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.

32.1 Certification of Chief Executive Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

32.2 Certification of Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

25

SIGNATURES

In accordance with the requirements of the Exchange Act, the registrant caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

NETWORK-1 SECURITY SOLUTIONS, INC.

BY: /S/ COREY M. HOROWITZ

COREY M. HOROWITZ
CHAIRMAN AND CHIEF EXECUTIVE OFFICER

BY: /S/ DAVID C. KAHN

DAVID C. KAHN
CHIEF FINANCIAL OFFICER

DATE: NOVEMBER 14, 2007

EXHIBIT 31.1

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-QSB 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) and 15d-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 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.

COREY M. HOROWITZ
CHAIRMAN AND CHIEF EXECUTIVE OFFICER

EXHIBIT 31.2

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-QSB 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) and 15d-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 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: NOVEMBER 14, 2007

/S/ DAVID C. KAHN

DAVID C. KAHN
CHIEF FINANCIAL OFFICER

EXHIBIT 32.1

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 Quarterly Report of Form 10-QSB for the quarter ended September 30, 2007 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

CHIEF EXECUTIVE OFFICER AND CHAIRMAN
NOVEMBER 14, 2007

EXHIBIT 32.2

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 Quarterly Report of Form 10-QSB for the quarter ended September 30, 2007 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

CHIEF FINANCIAL OFFICER
NOVEMBER 14, 2007