

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

FORM 10-Q

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

FOR THE QUARTERLY PERIOD ENDED JUNE 30, 2008

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 Registrant 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

(Registrant's Telephone Number)

Indicate by check mark whether the registrant: (1) has filed all reports
required to be filed by Section 13 or 15(d) of the Securities Exchange Act of
1934 during the preceding 12 months (or for such shorter period that the
registrant was required to file such reports), and (2) has been subject to such
filing requirements for the past 90 days. Yes No

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

(Do not check if a smaller reporting company)

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 August 12, 2008 was 24,135,557.

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

NETWORK-1 SECURITY SOLUTIONS, INC.

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PART I - FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

NETWORK-1 SECURITY SOLUTIONS, INC.

CONDENSED BALANCE SHEETS UNAUDITED

<TABLE><CAPTION>

	June 30, 2008	DECEMBER 31, 2007
	-----	-----
	(UNAUDITED)	
ASSETS:		
Current assets:		
<S>	<C>	<C>
Cash and cash equivalents	\$ 5,140,000	\$ 5,928,000
Royalty and Interest Receivable	28,000	23,000
Other current assets	41,000	71,000
	-----	-----
Total current assets	5,209,000	6,022,000
Security Deposits	6,000	6,000
Patents	69,000	72,000
	-----	-----
	\$ 5,284,000	\$ 6,100,000
	=====	=====

LIABILITIES:

Current liabilities:

Accounts payable	\$ 42,000	\$ 103,000
Accrued expenses and other current liabilities	84,000	264,000
	-----	-----
Total current liabilities	126,000	367,000
	-----	-----

Commitments and contingencies

STOCKHOLDERS' EQUITY:

Common stock - \$0.01 par value ; authorized 50,000,000 shares; 24,135,557 shares issued and outstanding at June 30, 2008 and December 31, 2007	241,000	241,000
Additional paid-in capital	54,915,000	54,769,000
Accumulated deficit	(49,998,000)	(49,277,000)
	-----	-----
	5,158,000	5,733,000
	-----	-----
	\$ 5,284,000	\$ 6,100,000
	=====	=====

</TABLE>

See notes to condensed financial statements

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

<TABLE><CAPTION>

	THREE MONTHS ENDED JUNE 30,		SIX MONTHS ENDED JUNE 30,		
	2008	2007	2008	2007	
	-----	-----	-----	-----	
	<C>	<C>	<C>	<C>	
Royalty Revenue	\$ 65,000	\$ --	\$ 134,000	\$ --	
Cost of Revenue	4,000	--	7,000	--	
	-----	-----	-----	-----	
Gross Profit	61,000	--	127,000	--	
	-----	-----	-----	-----	
Operating expenses:					
General and administrative	\$ 418,000	\$ 619,000	\$ 770,000	\$ 1,233,000	
Non Cash Compensation	73,000	766,000	146,000	1,227,000	
	-----	-----	-----	-----	
Total Operating Expense	\$ 491,000	1,385,000	916,000	2,460,000	
	-----	-----	-----	-----	
LOSS BEFORE INTEREST INCOME		(430,000)	(1,385,000)	(789,000)	(2,460,000)
Interest income - net	28,000	48,000	68,000	63,000	
	-----	-----	-----	-----	
Net Loss	\$ (402,000)	\$ (1,337,000)	\$ (721,000)	\$ (2,397,000)	
	=====	=====	=====	=====	
LOSS PER COMMON SHARE: BASIC AND DILUTED	\$ (0.02)	\$ (0.06)	\$ (0.03)	\$ (0.11)	
	=====	=====	=====	=====	

WEIGHTED AVERAGE SHARES: BASIC AND DILUTED 24,135,557 22,589,449 24,135,557 21,194,834

</TABLE>

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

<TABLE><CAPTION>

	SIX MONTHS ENDED JUNE 30,	
	2008	2007
<S>	<C>	<C>
Cash flows from operating activities:		
Net loss	\$ (721,000)	\$(2,397,000)
Adjustments to reconcile net loss to net cash used in operating activities:		
Depreciation and amortization	3,000	5,000
Non Cash Compensation	146,000	1,227,000
Changes in:		
Prepaid expenses and other current assets	26,000	45,000
Accounts payable, accrued expenses and other current liabilities	(242,000)	(299,000)
Net cash used in operating activities	(788,000)	(1,419,000)
Cash Flows from Investing Activities	--	--
Cash Flows from Financing Activities		
Issuance of Common Stock, net of expenses of \$275,000	--	4,767,000
NET INCREASES (DECREASE) IN CASH AND CASH EQUIVALENTS	(788,000)	3,348,000
Cash and cash equivalents, beginning of period	5,928,000	1,797,000
CASH AND CASH EQUIVALENTS, END OF PERIOD	\$ 5,140,000	\$ 5,145,000

SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION:

Cash paid during the periods for:

Interest	\$ 2,000	\$ 2,000
Taxes	\$ --	\$ --

</TABLE>

See notes to condensed financial statements

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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 June 30, 2008 and for the three and six month periods ended June 30, 2008 and June 30, 2007 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 June 30, 2008, and the results of its operations and its cash flows for the three and six month periods ended June 30, 2008 and June 30, 2007. 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, 2007 included in the Company's Annual Report on Form 10-KSB filed with the Securities and Exchange Commission. The results of operations for the six months ended June 30, 2008 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. The Company may seek to acquire additional patents in the future.

To date, the Company's efforts with respect to its Patent Portfolio have focused on licensing its patent (U.S. Patent No. 6,218,930) covering the control of power delivery over Ethernet cables (the "Remote Power Patent"). In August, 2007, as part of a settlement agreement relating to the Company's litigation with D-Link, the Company entered into a license

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

[2] BUSINESS: (CONTINUED)

agreement with D-Link pertaining to its Remote Power Patent (See Note D[2]). In February 2008, the Company commenced patent infringement litigation against several major data networking equipment manufacturers including Cisco Systems, Inc. and 7 other defendants (See Note D[1]). As part of the Company's agreement with Microsemi Corp. - Analog Mixed Signal Group Ltd. ("Microsemi-Analog") entered into in June 2008, Microsemi Corporation, the parent company of Microsemi-Analog, entered into a license agreement, dated August 13, 2008, with the Company with respect to the Remote Power Patent as part of the Company's Special Licensing Program (See Note D[3]). At least for the next twelve months, the Company does not currently anticipate licensing efforts for its other patents besides its Remote Power Patent.

(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, 2007 and the three and six month period ended June 30, 2008. For the year ended December 31, 2007 and the three and six month period ended June 30, 2008, the Company had revenue \$232,000, \$65,000 and \$134,000, respectively. 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 financings until it generates sufficient cash flow from operations. The Company had cash and cash equivalents of \$5,140,000 as of June 30, 2008. 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, 2009, although there can be no assurance that such funds will not be expended prior thereto.

[3] STOCK-BASED COMPENSATION:

Effective January 1, 2006, the Company adopted SFAS No. 123 (revised 2004), SHARE BASED PAYMENT, or SFAS 123(R), which is a revision of Statement No. 123 ("SFAS 123") ACCOUNTING FOR STOCK BASED COMPENSATION. SFAS 123(R) supersedes

Accounting Principles Board ("APB") No. 25, ACCOUNTING FOR STOCK ISSUED TO EMPLOYEES ("APB"), and amends Financial Accounting Standards Board ("FASB") Statement No. 95. STATEMENT OF CASH FLOWS. SFAS 123(R) requires all share-based payments to employees, including grants of employee stock options, to be recognized in the income statement based on their fair values.

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[3] STOCK-BASED COMPENSATION: (CONTINUED)

On February 28, 2007, the Company granted a 5 year option to its Chairman and CEO to purchase 375,000 shares of common stock, at an exercise price of \$1.46 per share, in accordance with a new employment agreement (See Note C - Employment Arrangements and Other Agreements). Such options vested in equal quarterly amounts of 93,750 shares beginning March 31, 2007 through December 31, 2007. The Company recorded non-cash compensation expenses of \$63,000 for this option during the quarter ended March 31, 2007 based on the Black-Scholes option-pricing model. In addition, during the quarter ended March 31, 2007, the Company recorded non-cash compensation expense of \$17,000 for the vested portion of options granted to directors and consultants prior to January 1, 2007.

On January 2, 2008, the Company granted the following options: (i) 5 year options to purchase an aggregate of 150,000 shares of common stock, at an exercise price of \$1.45 per share, to its 3 outside directors, 75,000 shares of which vested on grant and 75,000 shares vest over one year in equal monthly installments, and (ii) a 5 year option to purchase 100,000 shares of common stock, at an exercise price of \$1.45 per share, granted to a consultant, which vests over a 5 year period in equal monthly installments. The Company recorded non-cash compensation expense of \$24,000 for these options based on the Black-Scholes option-pricing model.

In February 2008, the Company also granted to another consultant a 5 year option to pursue 50,000 shares of common stock, at an exercise price of \$1.42 per share, and also granted to a new advisory board member an option to purchase 17,500 shares of common stock, at an exercise price of \$1.32 per share, which option vests on a quarterly basis. The Company recorded non-cash compensation expense of \$18,000 for these options based on the Black-Scholes option-pricing model.

On February 28, 2008 the Company granted an additional 5 year option to its Chairman and CEO to purchase 375,000 shares of common stock, at an exercise price of \$1.32 per share, pursuant to his employment agreement. These options vest in equal quarterly amounts of 93,750 shares beginning March 31, 2008 through December 31, 2008. The Company recognized non-cash compensation expense of \$96,000 for these options during the six months ended June, 2008. In addition, during the six month period ended June 30, 2008 the Company recorded non-cash compensation expense of \$8,000 for the vested portion of options granted to a consultant prior to January 1, 2008.

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

SIX MONTHS ENDED JUNE 30,

	2008	2007
	-----	-----
Risk-free interest rates	2.73% - 3.28%	4.62%
Expected option life in years	5 yrs.	5 yrs.
Expected stock price volatility	37.32 - 39.35%	45.92%
Expected dividend yield	-0-	-0-

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[4] REVENUE RECOGNITION:

The Company recognizes 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 12,070,856 and 12,315,857 at June, 2008 and 2007, respectively, are anti-dilutive, and are not included in the calculation of diluted loss per share. Such potential common shares reflect outstanding 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 June 30, 2008, the Company maintained cash balance of approximately \$5,040,000 in excess of FDIC limits.

NOTE B - COMMITMENTS AND CONTINGENCIES

SERVICES AGREEMENT:

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 not to exceed 20% of the royalty payments received from license agreements consummated by ThinkFire on its behalf.

AMENDED PATENT PURCHASE AGREEMENT:

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. At the time of the original agreement in November 2003 and the Amendment, certain then principal stockholders of the Company and related parties were also principal stockholders and directors of Merlot.

NOTE B - COMMITMENTS AND CONTINGENCIES: (CONTINUED)

LEGAL FEES:

Dovel & Luner, LLP provide legal services to the Company with respect to the litigation commenced in February 2008 against several major data networking equipment manufacturers (See Note D[1]). The terms of the Company's agreement with Dovel & Luner, LLP provide for legal fees of a maximum aggregate cash payment of \$1.5 million plus a contingency fee of up to 24% depending upon when an outcome is achieved.

With respect to the Company's litigation against D-Link, which was settled in May 2007 (See Note D[2]), the Company utilized the services of Blank Rome, LLP on a full contingency basis. In accordance with the Company's contingency fee agreement with Blank Rome LLP, the Company will pay legal fees to Blank Rome LLP equal to 25% of the royalty revenue received by the Company from its license agreement with D-Link after the Company recovers its expenses related to the litigation.

NOTE C - 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 an additional five (5) year option to purchase a minimum of 375,000 shares of our 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. On February 28, 2008, the Company issued such option to Mr. Horowitz to purchase 375,000 shares at an exercise price of \$1.32 per share. 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 the expiration dates of such options and warrants, the Company recorded compensation expense of \$371,000 during the three months ended March 31, 2007 based on the Black-Scholes option pricing model. Under the terms of his Employment Agreement, Mr. Horowitz receives 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"). For the six months ended June 30, 2008, Mr. Horowitz received \$7,000 of Royalty Bonus Compensation. 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.

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

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 had certain anti-dilution rights which provided that if at any time during the period ended December 31, 2008, in the event that the Company completed 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, (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 was afforded to Mr. Horowitz up to maximum financings of \$2.5 million. In April 2007, with respect to the Company's completion of a \$5.0 million private placement, Mr. Horowitz was issued a five (5) year option to purchase 732,709 shares of common stock, at an exercise price of \$1.67 per share, in accordance with the aforementioned anti-dilution provision of his employment agreement.

NOTE D - LITIGATION

[1] In February 2008, the Company 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 the Company's Remote Power Patent. The defendants in the lawsuit include 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. To date all of the defendants have answered the complaint and 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. In the event that the Court determines that the 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 the Company.

[2] In August 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 complaint sought, among other things, a judgment that the

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NOTE D - LITIGATION: (CONTINUED)

Company's 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 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 entered into a license agreement for the Company's 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 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 of the Settlement Agreement.

[3] On November 17, 2005 the Company entered into a Settlement Agreement with PowerDsine, Inc and PowerDsine Ltd. which dismisses, 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 U.S. Patent No. 6,218,930 (the "Remote Power Patent") owned by the Company was invalid and not infringed by PowerDsine and/or its customers. Under the terms of the Settlement Agreement, the Company has agreed that it will not initiate litigation against PowerDsine for its sale of Power over Ethernet (PoE) integrated circuits. In addition, the Company 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 has agreed that it will not initiate, assist or cooperate in any legal action relating to the Remote Power Patent. The Company also 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 for three years following the dismissal date. Following such three year period, 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 beginning 90 days following the dismissal date. No licenses to use the technologies covered by the Company's 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 Company's 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.

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NOTE D - LITIGATION: (CONTINUED)

In June 2008 the Company entered into a new agreement with Microsemi Corp-Analog Mixed Signal Group Ltd (previously PowerDsine Ltd), a subsidiary of Microsemi Corporation (Nasdaq: MSCC) 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. Under the new agreement, on June 25, 2008 the Company announced the commencement of an industry-wide Special Licensing Program for its "Remote Power Patent to vendors of PoE equipment. The Special Licensing Program is of limited duration (through December 31, 2008) and is being implemented on an industry-wide basis to offer discounted running royalty rates and exceptions to the Company's standard licensing terms and conditions for the '930 Patent to PoE vendors who are "early adopters" and enter into license agreements without delay to avoid litigation and higher royalties. The new agreement enables Microsemi to assist in its customer's evaluation of the Remote Power Patent and the terms being made available to vendors of PoE equipment pursuant to the Company's new Special Licensing Program, an activity that was previously prohibited by the 2005 Settlement Agreement with PowerDsine. As part of the Company's agreement with Microsemi Corp-Analog Mixed Signal Group Ltd. ("Microsemi-Analog") entered into in June 2008, Microsemi Corporation ("Microsemi"), the parent company of Microsemi-Analog, entered into a license agreement, dated August 13, 2008, with the Company with respect to the Remote Power Patent as part of the Special Licensing Program. The license agreement provides that Microsemi is obligated to pay the Company 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).

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ITEM 2: MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATION

THIS QUARTERLY REPORT ON FORM 10-Q 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 8-14 OF OUR ANNUAL REPORT ON FORM 10-KSB FOR THE YEAR 2007 AND AS DISCUSSED IN THIS QUARTERLY REPORT ON FORM 10-Q.

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.

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"). In August, 2007, as part of a settlement agreement relating to our litigation with D-Link, we entered into a license agreement with D-Link pertaining to our Remote Power Patent (See Note D[2] to our financial statements). In February 2008, we commenced patent infringement litigation against several major data networking equipment manufacturers including Cisco Systems, Inc. and seven (7) other defendants (See Note D[1] to our financial statements). During the next 12 months we do not presently anticipate licensing efforts for our other patents besides our Remote Power Patent. In June 2008, as part of our new agreement with Microsemi Corp - Analog Mixed Signal Group Ltd. ("Microsemi"), Microsemi has agreed to enter into a license agreement with us by August 15, 2008 with respect to our Remote Power Patent (See Note D[3]).

To date we have incurred significant losses and at June 30, 2008 had an

accumulated deficit of \$(49,998,000). For the year ended December 31, 2007 and for the three and six months ended June 30, 2008, we incurred net losses of \$(2,998,000), \$(402,000) and \$(721,000), respectively. We anticipate that we will continue to incur losses until we enter into additional license agreements with respect to our patented technologies. We achieved revenue of \$232,000 from our technology licensing business for the year ended December

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31, 2007 and \$134,000 for the six months ended June 30, 2008 with respect to royalties pertaining to our Remote Power Patent. 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.

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 our 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 after we recover our expenses.

In August 2007 we finalized the settlement of our patent 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 life of our Remote Power Patent, which expires in March 2020. 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 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.

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 defendants in the lawsuit include 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. To date all of the defendants have answered the complaint and 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. 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.

As part of our agreement with Microsemi Corp-Analog Mixed Signal Group Ltd. ("Microsemi-Analog") entered into in June 2008, Microsemi Corporation ("Microsemi"), the parent company of Microsemi-Analog, entered into a license agreement, dated August 13, 2008, with us with respect to the Remote Power Patent as part of our Special Licensing Program. 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).

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RESULTS OF OPERATIONS

THREE MONTHS ENDED JUNE 30, 2008 COMPARED TO THREE MONTHS ENDED JUNE 30, 2007

We had revenues of \$65,000 for the three months ended June 30, 2008 which were related to the receipt of royalties from D-Link pursuant to our license agreement with D-Link. We had no revenues for the three months ended June 30, 2007.

We had a cost of royalties of \$4,000 for the three months ended June 30, 2008 which was related to the payment of bonus compensation on the royalties pursuant to an employment agreement with our Chief Executive Officer. The gross profit for the three months ended June 30, 2008 was \$61,000 as compared to no gross profit for the three months ended June 30, 2007.

General and administrative expenses include overhead expenses, and finance, accounting, legal and other professional services incurred by us. General and administrative expenses decreased by \$201,000, from \$619,000 for the three months ended June 30, 2007 to \$418,000 for the three months ended June 30, 2008 due primarily to decreased fees and expenses as a result of the settlement of the D-Link litigation.

We incurred an operating loss of (\$430,000) for the three months ended June 30, 2008 compared with an operating loss of (\$1,385,000) for the three months ended June 30, 2007. Included in the operating loss for the three months ended June 30, 2008 was \$73,000 in charges relating to non-cash compensation expenses as compared to \$766,000 for such non-cash compensation expenses for the three months ended June 30, 2007. These losses were offset by interest earned of \$28,000 and \$48,000 for the three months ended June 30, 2008 and 2007, respectively.

No provision for or benefit from federal, state or foreign income taxes was recorded for six months ended June 30, 2008 and June 30, 2007 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 \$(402,000) for the three months ended June 30, 2008 compared with a net loss of \$(1,337,000) for the three months ended June 30, 2007.

SIX MONTHS ENDED JUNE 30, 2008 COMPARED TO SIX MONTHS ENDED JUNE 30, 2007

We had revenues of \$134,000 for the six months ended June 30, 2008 which were related to the receipt of royalties from D-Link pursuant to our license agreement with D-Link. We had no revenues for the six months ended June 30, 2007.

We had a cost of royalties of \$7,000 for the six months ended June 30, 2008 which was related to the payment of bonus compensation on the royalties pursuant to an employment agreement with our Chief Executive Officer. The gross profit for the six months ended June 30, 2008 was \$127,000 as compared to no gross profit for the six months ended June 30, 2007.

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General and administrative expenses include overhead expenses, and finance, accounting, legal and other professional services incurred by us. General and administrative expenses decreased by \$463,000, from \$1,233,000 for the six months ended June 30, 2007 to \$770,000 for the six months ended June 30, 2008 due primarily to decreased fees and expenses as a result of the settlement of the D-Link litigation.

We incurred an operating loss of (\$789,000) for the six months ended June 30, 2008 compared with an operating loss of (\$2,460,000) for the six months ended June 30, 2007. Included in the operating loss for the six months ended June 30, 2008 was \$146,000 in charges relating to non-cash compensation expenses as compared to \$1,227,000 for such non-cash compensation expenses for the six months ended June 30, 2007. These losses were offset by interest earned of \$68,000 and \$63,000 for the six months ended June 30, 2008 and 2007, respectively.

No provision for or benefit from federal, state or foreign income taxes was recorded for six months ended June 30, 2008 and June 30, 2007 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 \$(721,000) for the six months ended June 30, 2008 compared with a net loss of \$(2,397,000) for the six months ended June 30, 2007.

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 fourth quarter of 2007 we received \$1,184,375 of cash proceeds from the exercise of warrants issued in December 2004 and January 2005. We anticipate, based on currently proposed plans and assumptions, relating to our operations, that our cash and cash equivalents of approximately \$5,140,000 as of June 30, 2008 will more likely than not be sufficient to satisfy our operations and capital requirements until at least December 31, 2009. 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, 2009. Our inability to consummate material 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.

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CRITICAL ACCOUNTING POLICIES:

Patents:

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

Impairment of long-lived assets:

In accordance with Statement of Financial Accounting Standards ("SFAS") No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets", we record impairment losses on long-lived assets used in operations or expected to be disposed of when indicators of impairment exist and the cash flows expected to be derived from those assets are less than carrying amounts of those assets.

Use of estimates:

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

ITEM 3: QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Not Applicable.

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ITEM 4. CONTROLS AND PROCEDURES.

(a) Evaluation of Disclosure Controls and Procedure

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-Q. Based upon this review, these officers concluded that, as of the end of the period covered by this Quarterly Report on Form 10-Q, 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 was no change in our internal control over financial reporting that occurred during the quarter ended June 30, 2008 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1: LEGAL PROCEEDINGS

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 defendants in the lawsuit include 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 defendants' continued willful infringement of our Remote Power Patent. To date all of the defendants have answered the complaint and 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. 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 our company.

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. Our complaint seeks, among other things, a judgment that our Remote Power Patent is enforceable and has been infringed by the defendants. We also seek a permanent injunction restraining the defendants from continued infringement, or active inducement of infringement by others, of our Remote Power Patent.

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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 to a rate consistent with other similarly situated licensees of our 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.

POWERDSINE SETTLEMENT

On November 16, 2005, we 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 us in March 2004 in the United States District Court for the Southern District of New York that sought a declaratory judgment that our 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, 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. We also agreed that we will not initiate litigation against PowerDsine or its customers for infringement of our Remote Power Patent arising from the manufacture and sale of PowerDsine Midspan products for three years following the dismissal date. Following such three year period, we may seek damages for infringement of our Remote Power Patent from PowerDsine or its customers with respect to the purchase and sale of Midspan products beginning 90 days following the dismissal date of the litigation.

No licenses to use the technologies covered by our 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 our 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.

In June 2008 the Company entered into a new agreement with Microsemi Corp-Analog Mixed Signal Group Ltd (previously PowerDsine Ltd), a subsidiary of Microsemi Corporation (Nasdaq: MSCC) 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. Under the new agreement, on June 25, 2008 we announced the commencement of an industry-wide Special Licensing Program for our "Remote Power Patent to vendors of PoE equipment. The Special Licensing Program is of limited duration (through December 31, 2008) and is being implemented on an industry-wide basis to offer discounted running royalty rates and exceptions to our standard licensing terms and conditions for the '930 Patent to PoE vendors who are "early adopters" and enter into license agreements without delay to avoid litigation and higher royalties. The new agreement enables

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Microsemi to assist in its customer's evaluation of the Remote Power Patent and the terms being made available to vendors of PoE equipment pursuant to our new Special Licensing Program, an activity that was previously prohibited by the 2005 Settlement Agreement with PowerDsine. As part of our agreement with Microsemi Corp-Analog Mixed Signal Group Ltd. ("Microsemi-Analog") entered into in June 2008, Microsemi Corporation ("Microsemi"), the parent company of Microsemi-Analog, entered into a license agreement, dated August 13, 2008, with us with respect to the Remote Power Patent as part of our Special Licensing Program. 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).

ITEM 1A. RISK FACTORS.

Our operations and financial results are subject to various risks and uncertainties that could adversely affect our business, financial condition, results of operations and trading price of our common stock.

Our Annual Report on Form 10-KSB for the year ended December 31, 2007 includes a detailed discussion of our risk factors and should be carefully considered by investors. There were no material changes to the risk factors set forth in our Annual Report on Form 10-KSB for the year ended December 31, 2007 except as otherwise disclosed in this Quarterly Report on Form 10-Q.

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.

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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: August 13, 2008

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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-Q 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: AUGUST 13, 2008

/S/ COREY M. HOROWITZ

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-Q 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: AUGUST 13, 2008

/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-Q for the quarter ended June 30, 2008 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
AUGUST 13, 2008

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-Q for the quarter ended June 30, 2008 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

AUGUST 13, 2008