NETWORK 1 SECURITY SOLUTIONS INC Form 424B3 November 15, 2011

NETWORK-1 SECURITY SOLUTIONS, INC.

Filed Pursuant to Rule 424(b)(3) Registration No. 333-143710

PROSPECTUS SUPPLEMENT NO. 4 (To Prospectus dated June 24, 2011)

This is a prospectus supplement to our prospectus dated June 24, 2011 (the "Prospectus") relating to the resale from time to time by selling stockholders of up to 8,373,246 shares of our common stock, including shares issuable upon exercise of outstanding warrants and options. On November 14, 2011, we filed with the Securities and Exchange Commission a Quarterly Report on Form 10-Q. The text of the Quarterly Report on Form 10-Q 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 pages 6-13 of the Prospectus in determining whether to purchase the common stock.

The date of this prospectus supplement is November 14, 2011.

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

#### FORM 10-Q

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

For the quarterly period ended September 30, 2011

oTRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934
For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission File Number 1-15288

NETWORK-1 SECURITY SOLUTIONS, INC. (Exact Name of Registrant as Specified in Its Charter)

Delaware (State or other jurisdiction of incorporation or organization) 11-3027591

(IRS Employer Identification No.)

445 Park Avenue, Suite 1018, 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 x No o

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate web site every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T(§223.405) of this chapter) during the preceding 12 months (or such shorter period that the registrant was required to submit and post such files). Yes x No o

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 x (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 o No x

The number of shares of Common Stock, \$.01 par value per share, outstanding as of November 14, 2011 was 25,323,259.

## NETWORK-1 SECURITY SOLUTIONS, INC.

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#### Item 1. Financial Statements

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

# CONDENSED BALANCE SHEETS UNAUDITED

Assets:	2011	September 30, 2011 (UNAUDITED)		December 31, 2010	
Current assets: Cash and cash equivalents Royalty Receivable Other current assets	\$	23,072,000 1,139,000 33,000	\$	21,348,000 1,339,000 89,000	
Other assets: Security deposits Deferred tax asset Patents, net of accumulated depreciation		24,244,000 19,000 6,860,000 76,000		22,776,000 6,000 — 83,000	
Total other assets  Total assets	\$	6,955,000 31,199,000	\$	89,000 22,865,000	
Liabilities:  Current liabilities: Accounts payable Accrued expenses Deferred Rent Income Taxes Payable	\$	30,000 1,912,000 7,000 6,000	\$	78,000 2,031,000 — 61,000	
Total liabilities		1,955,000		2,170,000	
Commitments and contingencies					
Stockholders' Equity  Common stock - \$0.01 par value; authorized 50,000,000 shares; 25,782,893 and 25,931,879 shares issued and outstanding at September 30,2011 and December 31,2010, respectively		258,000		259,000	
Additional paid-in capital Accumulated deficit		57,547,000 (28,561,000 )		57,266,000 (36,830,000 )	

Total stockholders' equity	29,244,000	20,695,000	
Total liabilities and stockholder's equity	\$ 31,199,000	\$	22,865,000

See accompanying notes to condensed financial statements

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

#### **UNAUDITED**

	Three Months Ended September 30,			onths Ended mber 30,
	2011	2010	2011	2010
Royalty Revenue Cost of Revenue Gross Profit	\$1,222,000 341,000 881,000	\$32,560,000 9,507,000 23,053,000	\$6,611,000 1,883,000 4,728,000	\$32,850,000 9,522,000 23,328,000
Operating Expenses: General and Administrative Additional Patent Expense	411,000	1,176,000	1,693,000 1,000,000	2,949,000
Non-Cash compensation	59,000	43,000	268,000	359,000
Total Operating Expenses	470,000	1,219,000	2,961,000	3,308,000
Operating Income (Loss)	411,000	21,834,000	1,767,000	20,020,000
Other Income (Expenses): Interest income, net	10,000	19,000	42,000	19,000
Income (Loss) before income taxes	421,000	21,853,000	1,809,000	20,039,000
Income Taxes (Benefit) Current Deferred Total Income Taxes (Benefit) Net Income (Loss)	33,000 140,000 173,000 \$248,000	48,000 — 48,000 \$21,805,000	89,000 (6,860,000 ) (6,771,000 ) \$8,580,000	48,000 — 48,000 \$19,991,000
Net Income (loss) per share - Basic - Diluted	\$0.01 \$0.01	\$0.89 \$0.76	\$0.33 \$0.28	\$0.82 \$0.70
Weighted average number of common shares outstanding:				
- Basic - Diluted	26,014,578 30,991,041	24,409,660 28,848,659	25,979,596 30,956,059	24,266,390 28,705,389

See accompanying notes to condensed financial statements

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

#### UNAUDITED

	Nine Months Ended September 30,					
	2011	•		2010	2010	
Cash flows from operating activities:						
Net Income (Loss)	\$	8,580,000		\$	19,991,000	
Adjustments to reconcile net income (loss) to net cash						
provided by (used in) operating activities:						
Depreciation and amortization		7,000			7,000	
Non cash compensation		268,000			359,000	
Changes in:						
Royalty Receivable and other current assets		256,000			(1,548,000 )	
Accounts payable and accrued expenses		(166,000	)		2,171,000	
Income taxes payable		(55,000	)		34,000	
Deferred rent		7,000			_	
Deferred tax assets		(6,860,000	)			
Security deposits		(13,000	)		_	
Cash flows provided by (used in) Operating Activities		2,024,000			21,014,000	
Cash flow provided by financial activities						
Proceeds from exercise of options		14,000			286,000	
Repurchase of Treasury Stock		(314,000	)		_	
Net cash provided by (used in) Financing Activities		(300,000	)		286,000	
F F		(200,000	,			
Net Increase (Decrease) in Cash and Cash Equivalents		1,724,000			21,300,000	

Cash and cash equivalents, beginning of period