SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934

SCHEDULE 13G

AMENDMENT

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 AND 13d-2 UNDER THE SECURITIES EXCHANGE ACT OF 1934

Network-1 Security Solutions, Inc.
(Name of Issuer)

Common Stock, par value \$0.01 per share
(Title of Class of Securities)

64121N-10-9 (CUSIP Number)

June 1, 2010
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

□Rule 13d-1(b)

⊠Rule 13d-1(c)

☐ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No. 64121N-10-9

1)	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON								
	Steven D. Heinemann								
2)	CHECK THE APPROPRIATE BOX IF A MEMBE	(a) \Box							
3)	SEC USE ONLY	(b)							
4)	CITIZENSHIP OR PLACE OF ORGANIZATION								
	United States								
	NUMBER	5)	SOLE VOTING POWER						
	NUMBER OF	6)	2,665,052 SHARED VOTING POWER						
	SHARES BENEFICIALLY	7)	0 SOLE DISPOSITIVE POWER						
	OWNED BY		2,665,052						
	EACH	8)	SHARED DISPOSITIVE POWER						
	REPORTING PERSON		0						
	WITH								
9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON								
	2,665,052								
10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES								
			<u> </u>						
11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)								
	11.0%								
12)	TYPE OF REPORTING PERSON								
	IN								

Schedule 13G

Item 1(a).	Name	Name of Issuer:					
Network-1 Sec	curity Solu	ations, I	nc.				
Item 1(b).	Addre	Address of Issuer's Principal Executive Offices:					
445 Park Aven New York, Ne							
Item 2(a). N	ame of P	erson Fi	iling:				
Steven D. Heir	nemann						
Item 2(b).	Addre	ess of Pr	rincipal Business Office or, if None, Residence:				
c/o First New York Avenu 90 Park Avenu New York, NY	ie 5th Floo		L.C.				
Item 2(c).	Citize	Citizenship:					
United States							
Item 2(d).	Title o	Title of Class of Securities:					
Common Stock	k, par valı	ue \$.01 p	per share				
Item 2(e).	CUSI	P Numb	per:				
64121N-10-9							
Item 3.	If this	If this statement is filed pursuant to §§ 240.13d-1(b), or 240.13d-2(b) or (c), check whether the person filing is a:					
	(a)		Broker or Dealer Registered Under Section 15 of the Act (15 U.S.C. 780)				
	(b)		Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c)				
	(c)		Insurance Company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c)				
	(d)		Investment Company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8)				
	(e)		Investment Adviser in accordance with § 240.13d-1(b)(1)(ii)(E)				
	(f)		Employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F)				
	(g)		Parent Holding Company or control person in accordance with §240.13d-1(b)(ii)(G)				

	(h)		Savings Association as defined in §3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813)			
	(i)		Church plan that is excluded from the definition of an investment company under §3(c)(15) of the Investment Company Act of 1940 (15 U.S.C. 80a-3)			
	(j)		Group, in accordance with §240.13d-1(b)(ii)(J)			
Item 4.	Ownership.					
	(a)	Amoun	t beneficially owned: 2,665,0521			
	(b)	Percent of class ² : 11.0%				
	(c) Number of shares as to which such person has:					
		(i)	Sole power to vote or to direct the vote: 2,665,052			
		(ii)	Shared power to vote or to direct the vote: 0			
		(iii)	Sole power to dispose or to direct the disposition of: 2,665,052			
		(iv)	Shared power to dispose or to direct the disposition of: 0			
Item 5. Ownership o			o of Five Percent or Less of a Class.			
	Not Ap	plicable.				
Item 6.	Owner	ership of More than Five Percent on Behalf of Another Person.				
Not Applicable.						
Item 7.		Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.				
Not Applicable.						
Item 8. Iden	ntificatio	n and Cl	assification of Members of the Group.			
Not Applicable.						
Item 9.	Notice	of Dissol	lution of Group.			
Not Applicable.						
1 Includes 66 66	7 charec		e issuable upon exercise of warrants.			
			·			
- Percentages are	e based o	n 24,135,	557 shares of Common Stock outstanding (as set forth in the Issuer's Form 10-Q filed on May 14, 2010).			

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best knowledge and belief of the undersigned, the undersigned certifies that the information set forth in this statement is true, complete and correct.

Date: June 2, 2010

/s/ Steven D. Heinemann Steven D. Heinemann