SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934

SCHEDULE 13G

AMENDMENT NO. 3

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)

64121N109 (CUSIP Number)

<u>December 31, 2006</u> (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)
- ý Rule 13d-1(c)
- "Rule 13d-1(d)

CUSIP No. 98975L108

1) NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

First New York Securities L.L.C.

2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a)

(b) ý

- 3) SEC USE ONLY
- 4) CITIZENSHIP OR PLACE OF ORGANIZATION

New York

	5)	SOLE VOTING POWER
NUMBER OF SHARES BENEFICIALLY OWNED BY		637,596
	6)	SHARED VOTING POWER
		0
EACH REPORTING	7)	SOLE DISPOSITIVE POWER
PERSON WITH		637,596
	8)	SHARED DISPOSITIVE POWER

9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 637,596

0

- 10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
- 11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

3.2%

12) TYPE OF REPORTING PERSON

BD

CUSIP No. 98975L108

1) NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Steve Heinemann

2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) "

(b) ý

- 3) SEC USE ONLY
- 4) CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5)	SOLE VOTING POWER
	793,341
6)	SHARED VOTING POWER
	0
7)	SOLE DISPOSITIVE POWER
	793,341
8)	SHARED DISPOSITIVE POWER
	6)7)

9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,071,937

10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

278,596

11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

5.4%

12) TYPE OF REPORTING PERSON

IN

CUSIP No. 98975L108

1) NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Doug Lipton

2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) "

(b) ý

- 3) SEC USE ONLY
- 4) CITIZENSHIP OR PLACE OF ORGANIZATION

United States

	5)	SOLE VOTING POWER
NUMBER OF SHARES		182,200
	6)	SHARED VOTING POWER
BENEFICIALLY OWNED BY		0
EACH REPORTING PERSON WITH	7)	SOLE DISPOSITIVE POWER
		182,200
	8)	SHARED DISPOSITIVE POWER

9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
460,796

10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

278,596

11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

2.3%

12) TYPE OF REPORTING PERSON

IN

CUSIP No. 98975L108

1) NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Jay Goldstein

2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) "

(b) ý

- 3) SEC USE ONLY
- 4) CITIZENSHIP OR PLACE OF ORGANIZATION

United States

	5)	SOLE VOTING POWER
NUMBER OF SHARES		96,500
	6)	SHARED VOTING POWER
BENEFICIALLY OWNED BY		0
EACH REPORTING PERSON WITH	7)	SOLE DISPOSITIVE POWER
		96,500
	8)	SHARED DISPOSITIVE POWER

9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
455,500

10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ...

359,000

11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

2.3%

12) TYPE OF REPORTING PERSON

IN

Schedule 13G

Item 1(a). Name of Issuer:

Network-1 Security Solutions, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices:

445 Park Avenue, Suite 1028 New York, New York 10022

Item 2(a). Name of Person Filing:

- (1) First New York Securities L.L.C. ("FNYS")
- (2) Steve Heinemann. Mr. Heinemann is employed by and trades securities of the issuer for the proprietary account of FNYS.
 - (3) Doug Lipton. Mr. Lipton is a Partner of FNYS.
 - (4) Jay Goldstein. Mr. Goldstein is a Partner of FNYS.

Item 2(b). Address of Principal Business Office or, if None, Residence:

(1) First New York Securities L.L.C. 850 Third Avenue, 17th Floor New York, NY 10022

(2) Steve Heinemann c/o First New York Securities L.L.C.

850 Third Avenue, 8th Floor

New York, NY 10022

(3) Doug Lipton c/o First New York Securities L.L.C.

850 Third Avenue, 8th Floor

New York, NY 10022

(4) Jay Goldstein c/o First New York Securities L.L.C.

850 Third Avenue, 8th Floor

New York, NY 10022

Item 2(c). Citizenship:

(1) First New York Securities L.L.C. New York

(2) Steve Heinemann United States

(3) Doug Lipton United States

(4) Jay Goldstein United States

Item 2(d). Title of Class of Securities:

Common Stock, par value \$.01 per share

Item 2(e). CUSIP Number:

64121N-10-9

Item 3. 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:

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	a 3(a)(6) of the Act (15 U.S.C. 78c)
(c) "	Insurance Company as defined in sect	ion 3(a)(19) of the Act (15 U.S.C. 78c)
(d) " Investment Company	registered under section 8 of the Investi	ment Company Act of 1940 (15 U.S.C. 80a-8)
(e)	Investment Adviser in acco	ordance with § 240.13d-1(b)(1)(ii)(E)
(f) " Emp	loyee benefit plan or endowment fund in	accordance with § 240.13d-1(b)(1)(ii)(F)
(g) "Pa	rent Holding Company or control person	in accordance with §240.13d-1(b)(ii)(G)
(h) " Savings As	sociation as defined in §3(b) of the Feder	ral Deposit Insurance Act (12 U.S.C. 1813)
(i) "Church plan that is excl Company Act of 1940 (nt company under §3(c)(15) of the Investment
(j)	" Group, in acco	ordance with §240.13d-1(b)(ii)(J)
Item 4. Ownership.		
Item 4. Ownership.		Amount beneficially owned:
•	(1) First New York Securities L.L.C.	Amount beneficially owned: 637,596
•		·
•	(1) First New York Securities L.L.C.	637,596
•	(1) First New York Securities L.L.C.(2) Steve Heinemann	637,596 1,071,937
•	(1) First New York Securities L.L.C.(2) Steve Heinemann(3) Doug Lipton	637,596 1,071,937 460,796 ¹
(a)	(1) First New York Securities L.L.C.(2) Steve Heinemann(3) Doug Lipton	637,596 1,071,937 460,796 ¹ 455,500 Percent of class ² :
(a)	(1) First New York Securities L.L.C.(2) Steve Heinemann(3) Doug Lipton(4) Jay Goldstein	637,596 1,071,937 460,796 ¹ 455,500 Percent of class ² :
(a)	 First New York Securities L.L.C. Steve Heinemann Doug Lipton Jay Goldstein 	637,596 1,071,937 460,796 ¹ 455,500 Percent of class ² : C. 3.2%

¹ Includes shares held by Lucia Marie Smith (Doug Lipton's wife).

² Percentages are based on 19,684,724 shares of Common Stock outstanding (as set forth in the Issuer's Form 10-Q-QSB, for the quarterly report September 30, 2006).

(c)	Number of s	shares as to which such person h	as:
(i) Sole power to vote or	to direct the vote:		
(1) First New York Securities L	L.L.C. 637,596	
	(2) Steve Heinemann	793,341	
	(3) Doug Lipton	182,200	
	(4) Jay Goldstein	96,500	
	(ii) Shared power to vote or to	o direct the vote:	
	(1) First New York Securities	s L.L.C. 0	
	(2) Steve Heinemann	0	
	(3) Doug Lipton	0	
	(4) Jay Goldstein	0	
(iii)	Sole power to dispose or to dir	rect the disposition of:	
(1)	First New York Securities L.l	L.C. 637,596	
	(2) Steve Heinemann	793,341	
	(3) Doug Lipton	182,200	
	(4) Jay Goldstein	96,500	
(iv) S	hared power to dispose or to di	irect the disposition of:	
	(1) First New York Securities	s L.L.C. 0	
	(2) Steve Heinemann	278,596	
	(3) Doug Lipton	278,596	
(4) Jay Goldstein	359,000		

Item 5. Ownership of Five Percent or Less of a Class.

Not Applicable.

Item 6. Ownership 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. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

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 held in the ordinary course of business and were not 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: February 13, 2007 FIRST NEW YORK SECURITIES L.L.C.

By: /s/ Harris Sufian

Name: Harris Sufian

Title: Managing Member

/s/ Steve Heinemann

Steve Heinemann

/s/ Doug Lipton

Doug Lipton

/s/ Jay Goldstein

Jay Goldstein

Exhibit 1

AGREEMENT OF JOINT FILING

Pursuant to rule 13d-1(k) promulgated under the Securities Exchange Act of 1934, as amended, the undersigned persons hereby agree to file with the Securities and Exchange Commission the Statement on Schedule 13G (the "Statement") to which this Agreement is attached as an exhibit, and agree that such Statement, as so filed is on the behalf of each of them.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of February 13, 2007.

FIRST NEW YORK SECURITIES L.L.C.

By: <u>/s/ Harris Sufian</u>
Name: Harris Sufian
Title: Managing Member

/s/ Steve Heinemann
Steve Heinemann

/s/ Doug Lipton
Doug Lipton

/s/ Jay Goldstein Jay Goldstein