WHEATLEY PARTNERS II LP Form SC 13D/A May 07, 2004

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Schedule 13D

Under the Securities Exchange Act of 1934 (Amendment No. 5)(1)

NETWORK - 1 SECURITY SOLUTIONS, INC. (Name of Issuer)

Common Stock, \$0.01 Par Value Per Share (Title of Class of Securities)

64121N109 (CUSIP Number)

Wheatley Partners II, L.P. 80 Cuttermill Road Great Neck, NY 11021 Telephone: (516) 773-1024

With a copy to:

Morrison Cohen Singer & Weinstein, LLP
750 Lexington Avenue
New York, NY 10022
Telephone: (212) 735-8600
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

April 13, 2004 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of ss.ss.240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. $| _ |$

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See 13d-7(b) for other parties to whom copies are to be sent.

(Continued on following page(s))

(1) The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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CUSI	P No. 6412	1N109		13D		Page	2	of 24	Pages
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON Wheatley Partners II, L.P.								
2			DPRIATE BOX IF A	MEMBER OF A	GROUP*			_ _ _	
3	SEC USE C	NLY							
4	SOURCE OF	' FUND	5*						
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)								
6	CITIZENSH	IIP OR	PLACE OF ORGANI	ZATION					
	MBER OF		SOLE VOTING POWI	s 					9.5%
BENE	HARES FICIALLY NED BY		0 shares						0%
RE P	EACH PORTING ERSON WITH		1,430,507 share: SHARED DISPOSIT	s 			- — -		9.5%
			0 shares						0%
11	AGGREGATE 1,430,507								
12	CHECK BOX	IF T	HE AGGREGATE AMOU		(11) EXCLUDES				
13	PERCENT C	F CLA	SS REPRESENTED B	Y AMOUNT IN					

TYPE OF REPORTING PERSON* PN ______ *SEE INSTRUCTIONS BEFORE FILLING OUT! 13D CUSIP No. 64121N109 Page 3 of 24 Pages NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) |_| (b) |_| 3 SEC USE ONLY ______ 4 SOURCE OF FUNDS* PF, OO ______ 5 CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 1_1 ______ CITIZENSHIP OR PLACE OF ORGANIZATION United States ______ 7 SOLE VOTING POWER 700,064 shares NUMBER OF 8 SHARED VOTING POWER SHARES BENEFICIALLY 1,666,355 shares 11.1% OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON 700,064 shares _____ 10 SHARED DISPOSITIVE POWER 1,666,355 shares 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,366,419 shares ______ CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |_|

13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)								
	15.7%								
14	TYPE OF F	REPORI	ING PERSON*						
	IN								
			*SEE INSTRUCTIONS BEFORE FILLING OUT!						
CUSI	P No. 6412	21N109) 13D P	age 4	of 24	Pages			
1			TING PERSON TIDENTIFICATION NOS. OF ABOVE PERSON						
	Barry Rub	enste	ein						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) _ (b) _								
3	3 SEC USE ONLY								
4	SOURCE OF	FUNE	os*						
	PF, 00								
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED CEMS 2(d) OR 2(e)		_				
6	CITIZENSH	IIP OF	R PLACE OF ORGANIZATION						
	United St	ates							
		7	SOLE VOTING POWER						
			248,509 shares			1.6%			
	MBER OF	8	SHARED VOTING POWER						
BENE	HARES FICIALLY NED BY		4,095,644 shares			26.6%			
	EACH PORTING	9	SOLE DISPOSITIVE POWER						
Р	ERSON WITH		248,509 shares			1.6%			
	** 111	10	SHARED DISPOSITIVE POWER						
			4,095,644 shares			26.6%			
11	AGGREGATE	IOMA I	UNT BENEFICIALLY OWNED BY EACH REPORTING PER	SON.					
	4,344,153	shar	res 						

12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CE	RTAIN :	SHARES'	* <u>_</u>
13	PERCENT C	F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)			
	28.1%					
14	TYPE OF F	REPORT	ING PERSON*			
	IN					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSI	P No. 6412	21N109	13D P	age 5	of 24	Pages
1			ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON			
	Barry Fir	ngerhu	t 			
2	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP*		_ _	
3	SEC USE C	NLY				
4	SOURCE OF	FUND	S*			
	PF, 00					
5			ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED EMS 2(d) OR 2(e)		_	
6	CITIZENSE	IIP OR	PLACE OF ORGANIZATION			
	United St	ates				
		7	SOLE VOTING POWER			
			610,660 shares			4.0%
	MBER OF	8	SHARED VOTING POWER			
BENE	HARES FICIALLY		1,666,355 shares			11.1%
	NED BY EACH	9	SOLE DISPOSITIVE POWER			
Р	PORTING ERSON		610,660 shares			4.0%
	WITH	10	SHARED DISPOSITIVE POWER			
			1,666,355 shares		1	L1.1%

11	AGGREGATE	E AMOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PE	RSON	
	2,277,015	5 shar	es		
12	CHECK BOX	X IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES C	ERTAIN SHARES*	_
13	PERCENT (OF CLA	SS REPRESENTED BY AMOUNT IN ROW (11)		
	15.1%				
14	TYPE OF F	REPORT	ING PERSON*		
	IN				
			*SEE INSTRUCTIONS BEFORE FILLING OUT!		
CUS	IP No. 6412	21N109	13D	Page 6 of 24 Pa	ages
1			ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON		
	Seth Liek	oer			
2	CHECK THE	E APPRO	OPRIATE BOX IF A MEMBER OF A GROUP*	(a) _ (b) _	
3	SEC USE (ONLY			
4	SOURCE OF	F FUND	 S*		
	PF, 00				
5			ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED EMS 2(d) OR 2(e)	1_1	
6			PLACE OF ORGANIZATION		
	United St	tates			
		7	SOLE VOTING POWER		
			34,136 shares		.2%
	JMBER OF SHARES	8	SHARED VOTING POWER		
BENE	EFICIALLY		1,796,518 shares		.9%
OWNED BY EACH		9	SOLE DISPOSITIVE POWER		
	EPORTING PERSON		34,136 shares	0	.2%

WITH 10 SHARED DISPOSITIVE POWER 1,796,518 shares 11.9% ______ 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,830,654 shares 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES* |_| 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 14 TYPE OF REPORTING PERSON* *SEE INSTRUCTIONS BEFORE FILLING OUT! CUSIP No. 64121N109 Page 7 of 24 Pages 13D ______ NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON Jonathan Lieber CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) |_| (b) |_| ______ 3 SEC USE ONLY SOURCE OF FUNDS* PF, OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) 6 CITIZENSHIP OR PLACE OF ORGANIZATION United States _____ 7 SOLE VOTING POWER 32,584 shares 0.2% NUMBER OF 8 SHARED VOTING POWER BENEFICIALLY 1,796,518 shares 11.9%

OWNED BY EACH REPORTING PERSON WITH			SOLE DISPOSITIVE POWER 32,584 shares 0.2						
			1,796,518 sha	ares			1	11.9%	
11	AGGREGATE	AMOUN	T BENEFICIALI	LY OWNED BY EAG	CH REPORTING	PERSON			
	1,829,102	share	es						
12	CHECK BOX	IF TH	IE AGGREGATE <i>A</i>	AMOUNT IN ROW	(11) EXCLUDES	CERTAIN	SHARES*	^k _	
13	PERCENT O	F CLAS	SS REPRESENTED	D BY AMOUNT IN	ROW (11)				
	12.2%								
14	TYPE OF R	EPORTI	ING PERSON*						
	IN 								
			*SEE INSTRUC	CTIONS BEFORE I	FILLING OUT!				
CUSI	P No. 6412	1N109		13D		Page 8	3 of 24	Pages	
1			NG PERSON IDENTIFICATIO	ON NOS. OF ABOV	VE PERSON				
	Woodland	Ventur	e Fund						
2	CHECK THE	APPRO	PRIATE BOX IE	F A MEMBER OF A	A GROUP*		_ _		
3	SEC USE O	NLY							
4	SOURCE OF	FUNDS	;*						
	WC, 00								
5			SCLOSURE OF I	LEGAL PROCEEDII	NGS IS REQUIR	====== ED	_		
6	CITIZENSH	 IP OR	PLACE OF ORGA						
	New York								
		7	SOLE VOTING F	POWER					
			1.016.064 sha	ares				6.7%	

	NUMBER OF		SHARED VOTING POWER							
BEN:			0 shares				0%			
0'	OWNED BY EACH REPORTING PERSON		SOLE DISPOSITIVE POWER							
			1,016,064 shares			6.	.7%			
	WITH	10	SHARED DISPOSITIVE POWER							
			0 shares				0%			
11	AGGREGATE	JOMA	JNT BENEFICIALLY OWNED BY EACH REPORTING PE	 RSON						
	1,016,064	shai	ces							
12	CHECK BOX	IF :	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES C	 ERTAIN	SHARES	*	 _			
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)									
	6.7%									
14	TYPE OF REPORTING PERSON*									
	PN									
			*SEE INSTRUCTIONS BEFORE FILLING OUT!							
CUS	IP No. 6412	1N109	9 13D	Page 19	of 24	Ρá	ages			
1	NAME OF R	NAME OF REPORTING PERSON								
	S.S. OR I	S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON								
	Seneca Ver	Seneca Ventures								
2	CHECK THE	APPI	ROPRIATE BOX IF A MEMBER OF A GROUP*	(a)	1_1					
				(b)	_					
3	SEC USE O	NLY								
4	SOURCE OF	FUNI)S*							
	WC, 00									
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED TEMS 2(d) OR 2(e)		1_1					
	LONDOMNI	. ∪ 1.	2 (4) 01(2 (6)		1_1					
	CTTT7FNCU		R PLACE OF ORGANIZATION							
U	New York	11 01	(I MIGH OF ONORWINATION							
	IN⇔W YOFK									

		7	SOLE VOTING POWER			
			713,400 shares			4.7%
	NUMBER OF		SHARED VOTING POWER			
BENE	SHARES EFICIALLY		0 shares			0%
	OWNED BY EACH		SOLE DISPOSITIVE POWER			
	EPORTING PERSON		713,400 shares			4.7%
	WITH		SHARED DISPOSITIVE POWER			
			0 shares			0%
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PER	 RSON		
	713,400 s	hares				
12			THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES C	ERTAIN S	 3HARES*	·
13	PERCENT O	F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)			
	4.7%					
14	TYPE OF R	 EPORT	'ING PERSON*			
	PN					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSI	IP No. 6412	1N109	13D I	Page 10	of 24	Pages
1	NAME OF R S.S. OR I		ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON			
	Marilyn R	ubens	tein			
2	CHECK THE		ROPRIATE BOX IF A MEMBER OF A GROUP*		_ _	
3	SEC USE O					
4	SOURCE OF	FUND	 S*			
	PF, 00					
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED CEMS 2(d) OR 2(e)		_	

6			PLACE OF ORGANIZATION					
	United St	ates						
		7	SOLE VOTING POWER					
			2,382 shares	0.02%				
		8	SHARED VOTING POWER					
BENE			2,426,907 shares	15.8%				
		9	SOLE DISPOSITIVE POWER					
	EPORTING PERSON		2,382 shares	0.02%				
	WITH	10	SHARED DISPOSITIVE POWER					
			2,426,907 shares	15.8%				
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	2,429,289	shar	es					
12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAI	IN SHARES* _				
 13	PERCENT O	 F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)					
	15.8%							
 14	TYPE OF R	 EPORT	ING PERSON*					
	IN							
			*SEE INSTRUCTIONS BEFORE FILLING OUT!					
CIISI	IP No. 6412	1 N1 1 0 9	13D Page	11 of 24 Pages				
0001	II NO. 0412.	111100	13b Lage	11 01 24 1 ages				
1			ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON					
	Woodland	Servi	ces Corp.					
2	CHECK THE	APPR		(a) _ (b) _				
3	SEC USE O	 NLY						
4	SOURCE OF	FUND						
	00							

5			DISCLOSURE OF CEMS 2(d) OR 2		DINGS IS REQUIR	RED _			
6	CITIZENS	HIP OF	R PLACE OF ORG	 GANIZATION					
	New York								
		7	SOLE VOTING	POWER					
			0 shares			0%			
		8	SHARED VOTIN	IG POWER					
BEN	SHARES BENEFICIALLY		1,729,364 sh			11.3%			
	WNED BY EACH	9	SOLE DISPOSI						
	REPORTING PERSON		0 shares			0%			
	WITH	10	SHARED DISPO	SITIVE POWER					
			1,729,364 sh	nares		11.3%			
 11	AGGREGATE	 E AMOU	 JNT BENEFICIAI	LLY OWNED BY F	EACH REPORTING	PERSON			
	1,729,364	l shar	res						
12	CHECK BOX	K IF 1	THE AGGREGATE	AMOUNT IN ROV	V (11) EXCLUDES	CERTAIN SHARES* _			
13	PERCENT (OF CLA	ASS REPRESENTE	D BY AMOUNT	IN ROW (11)				
14	TYPE OF F	TYPE OF REPORTING PERSON*							
	CO								
			*SEE INSTRU		E FILLING OUT!				
CUS	IP No. 6412	21N109)	13D		Page 12 of 24 Page			
1			TING PERSON IDENTIFICATI	ON NOS. OF A	30VE PERSON				
	Woodland	Partr	ners						
2	CHECK THE	E APPE	ROPRIATE BOX I			(a) _ (b) _			
3	SEC USE (ONLY							

4	SOURCE OF	F FUNI	os*			
	WC, 00					
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRE TEMS 2(d) OR 2(e)	;D	_	
6	CITIZENS	HIP OF	R PLACE OF ORGANIZATION			
	New York					
		7	SOLE VOTING POWER			
			402,733 shares			2.7%
			SHARED VOTING POWER			
BENI	SHARES EFICIALLY		0 shares			0%
	NED BY EACH	9	SOLE DISPOSITIVE POWER			
	EPORTING PERSON		402,733 shares			2.7%
	WITH	10	SHARED DISPOSITIVE POWER			
			0 shares			0%
12	402,733 s		GHE AGGREGATE AMOUNT IN ROW (11) EXCLUDES	CERTAIN	SHARES	 * _
13	PERCENT (OF CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)			
14	TYPE OF F	REPORT				
	PN					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSI	IP No. 6412	21N109) 13D	Page 13	3 of 24	Pages
1			TING PERSON TIDENTIFICATION NOS. OF ABOVE PERSON			
	Brookwood	d Part	ners, L.P.			
2	CHECK THE	E APPI	ROPRIATE BOX IF A MEMBER OF A GROUP*) _) _	

3 SEC USE	ONLY	
4 SOURCE	OF FUNDS*	WC, 00
	OX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED I TO ITEMS 2(d) OR 2(e)	I_I
6 CITIZEN New Yor	SHIP OR PLACE OF ORGANIZATION	
	7 SOLE VOTING POWER	
WWDDD 05	294,810 shares	2.0%
SHARES BENEFICIALLY	8 SHARED VOTING POWER 0 shares	0%
OWNED BY EACH REPORTING PERSON	9 SOLE DISPOSITIVE POWER 294,810 shares	2.0%
WITH	10 SHARED DISPOSITIVE POWER 0 shares	0%
11 AGGREGA 294,810	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSO	NO
12 CHECK B	OX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERT	'AIN SHARES* _
13 PERCENT 2.0%	OF CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	REPORTING PERSON*	
PN		
	*SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No. 64	121N109 13D Pag	re 14 of 24 Pages
	REPORTING PERSON I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON	
Applegr	een Partners	

2	CHECK THE	APPI		(a) (b)			
3	SEC USE C	NLY					
4	SOURCE OF	' FUNI	os*				
	WC, 00						
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)						
6	CITIZENSH	IIP OF	R PLACE OF ORGANIZATION				
	New York						
		7	SOLE VOTING POWER				
			130,163 shares			0.9%	
	MBER OF	8	SHARED VOTING POWER				
BENE	HARES FICIALLY		0 shares			0%	
	NED BY EACH	9	SOLE DISPOSITIVE POWER				
P	PORTING ERSON		130,163 shares			0.9%	
	WITH	10	SHARED DISPOSITIVE POWER				
			0 shares			0%	
11	AGGREGATE	AMOU	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	130,163 s	hares	3				
12	CHECK BOX		THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAI				
13	PERCENT C		ASS REPRESENTED BY AMOUNT IN ROW (11)				
	0.9%						
14	TYPE OF R	EPORI	ING PERSON*				
	PN						
			*SEE INSTRUCTIONS BEFORE FILLING OUT!				
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		Ū	•		
NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON					
	Wheatley	Partı	ners, L.P.		
2	CHECK THE	APPI		(a) _ (b) _	
3	SEC USE O	NLY			
4	SOURCE OF	FUNI)S*		
	WC, 00				
5			DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED TEMS 2(d) OR 2(e)	1_1	
6	CITIZENSH	IP OF	R PLACE OF ORGANIZATION		
	Delaware				
		7	SOLE VOTING POWER		
			216,980 shares	1.4%	
	IMBER OF	8	SHARED VOTING POWER		
BENE	SHARES SFICIALLY		18,868 shares	0.1%	
	NED BY EACH	9			
	PORTING PERSON		216,980 shares	1.4%	
	WITH	10	SHARED DISPOSITIVE POWER		
			18,868 shares	0.1%	
11	AGGREGATE	AMOU	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	235,848 s	hares			
12	CHECK BOX		FHE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTA		
13	PERCENT O	F CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)		
	1.5% 				
14	TYPE OF R	EPOR	FING PERSON*		
	PN				

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CUSI	IP No. 64	1121N109		13D		Page	16	of 24	Pages
1			ING PERSON IDENTIFICAT	TION NOS. OF	ABOVE PERSON				
	Wheatle	ey Forei	gn Partners,	L.P.					
2	CHECK 1	THE APPR	OPRIATE BOX	IF A MEMBER	OF A GROUP*			_ _	
3	SEC USE	E ONLY							
4	SOURCE WC, OO	OF FUND	S*						
5			ISCLOSURE OF EMS 2(d) OR		EEDINGS IS REQUI	 RED		_	
6	CITIZEN		PLACE OF OR	GANIZATION					
	Delawai								
		7	SOLE VOTING						0 10
			18,868 shar						0.1%
	MBER OF HARES		SHARED VOTI						
	FICIALLY NED BY	<i></i>	216,980 sha	res 					1.4%
	EACH PORTING	9	SOLE DISPOS	ITIVE POWER					
P	ERSON WITH		18,868 shar						0.1%
		10	SHARED DISP	OSITIVE POW	ER				
			216,980 sha						1.4%
11	AGGREG <i>I</i>	ATE AMOU	NT BENEFICIA		Y EACH REPORTING				
	235,848	3 shares							
12	CHECK I	BOX IF T	HE AGGREGATE	AMOUNT IN	ROW (11) EXCLUDE	S CERTAI	IN S	SHARES	
13					T IN ROW (11)				
	1.5% 								
14	TYPE OF	TYPE OF REPORTING PERSON*							
	PN								

*SEE INSTRUCTIONS BEFORE FILLING OUT!

CUSI	P No. 6412	1N109		13D		Page	17	of 24	Pages
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON								
	Wheatley	Partn	ers, LLC						
2	CHECK THE	APPR	OPRIATE BOX IF	A MEMBER OF A	GROUP*			_ _	
3	SEC USE O	NLY							
4	SOURCE OF	FUND	S*						
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _								
6	 CITIZENSH	 IP OR	PLACE OF ORGA	 NIZATION					
	Delaware								
		7	SOLE VOTING PO	 OWER					
			0 shares						0%
NU	MBER OF	8	SHARED VOTING	POWER					
BENE	HARES FICIALLY		235,848 share:	S					1.5%
	NED BY EACH	9	SOLE DISPOSIT	IVE POWER					
Р	PORTING ERSON		0 shares						0%
	WITH	10	SHARED DISPOS	ITIVE POWER					
			235,848 shares	s 					1.5%
11	AGGREGATE	AMOU	NT BENEFICIALL	Y OWNED BY EACH					
	235,848 s	hares							
12	CHECK BOX			MOUNT IN ROW (1					
13	PERCENT 0			BY AMOUNT IN F					

14 TYPE OF REPORTING PERSON*

00

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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This statement, dated April 13, 2004, constitutes Amendment No. 5 to the Schedule 13D, dated November 12, 1998, regarding the reporting persons' ownership of certain securities of Network-1 Security Solutions, Inc. All capitalized terms used herein and otherwise undefined shall have the meanings ascribed in the Schedule.

ITEM 3. Source and Amount of Funds or Other Consideration.

Item 3 is hereby amended as follows:

On April 13, 2004, pursuant to the provisions of an exchange agreement with the Issuer, each of Wheatley Partners II, L.P., Wheatley Partners, L.P., Wheatley Foreign Partners, L.P., Barry Rubenstein, Irwin Lieber, Barry Fingerhut, Seth Lieber, Jonathan Lieber, Woodland Venture Fund, Seneca Ventures, Woodland Partners, Brookwood Partners, L.P., Applegreen Partners and Marilyn Rubenstein exchanged the number of shares of Series D Preferred Stock and/or Series E Preferred Stock reflected in Item 5(c) below for shares of Common Stock of the Issuer. Holders of the Series D Preferred Stock and the Series E Preferred Stock received 1.25 shares of Common Stock for each share of Common Stock such holder would have received based upon the prior conversion rates for each share of preferred stock.

ITEM 5. Interests in Securities of the Issuer.

Item 5 is hereby amended and restated as follows:

(a) The following list sets forth the aggregate number and percentage (based on 15,012,576 shares of Common Stock outstanding as reported in the Issuer's Form 10-KSB for the year ended December 31, 2003), of outstanding shares of Common Stock owned beneficially by each reporting person named in Item 2, as of April 13, 2004:

Name	Shares of Common Stock Beneficially Owned(2)	Percentage o of Common Beneficially	Stock
Wheatley Partners II, L.P.	1,430,507	9.5%	
Barry Rubenstein	4,344,153(3)(4)(5)(6)(7)(8)(9)(10)(11)	(12) 28.1%	
Irwin Lieber	2,366,419(3)(4)(11)(12)(13)	15.7%	
Barry Fingerhut	2,277,015(3)(4)(11)(12)(14)	15.1%	
Seth Lieber	1,830,654(3)(4)(11)(12)(15)(16)	12.2%	
Jonathan Lieber	1,829,102(3)(4)(11)(12)(16)(17)	12.2%	

Woodland Venture Fund	1,016,064(6)	6.7%
Seneca Ventures	713,400(7)	4.7%
Marilyn Rubenstein	2,429,289(4)(6)(7)(8)(9)(10)	15.8%
Woodland Services Corp.	1,729,364(4)(6)(7)	11.3%
Woodland Partners	402,733(8)	2.7%
Brookwood Partners, L.P.	294,810(10)	2.0%

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Name	Shares of Common Stock Beneficially Owned(2)	Percentage of Shares of Common Stock Beneficially Owned(2
Applegreen Partners	130,163(16)	0.9%
Wheatley Partners, L.P.	235,848(4)(11)(12)	1.5%
Wheatley Foreign Partners, L.P.	235,848(4)(11)(12)	1.5%
Wheatley Partners, LLC	235,848(4)(11)(12)	1.5%

- (2) Includes shares of Common Stock issuable upon the exercise of the Advisory Option, the 1996 Advisory Option, the 1998 Directors Option, the June 1999 Directors Option, the October 1999 Directors Option, the December 1999 Directors Option, shares of Common Stock issued upon the exchange of the Series D Preferred Stock, shares of Common Stock issuable upon the exercise of the Series D Warrants and shares of Common Stock issued upon the exchange of the Series E Preferred Stock.
- (3) Includes 1,430,507 shares of Common Stock owned by Wheatley Partners II, L.P.
- (4) The reporting person disclaims beneficial ownership of these securities, except to the extent of his/her/its equity interest
- (5) Includes 150,012 shares of Common Stock owned individually by Barry Rubenstein, 31,040 shares of Common Stock issuable upon the exercise of the Advisory Option, 18,624 shares of Common Stock issuable upon the exercise of the 1996 Advisory Option, 20,000 shares of Common Stock issuable upon the exercise of the 1998 Directors Option, 10,000 shares of Common Stock issuable upon the exercise of the June 1999 Directors Option, 7,500 shares of Common Stock issuable upon the exercise of the October 1999 Directors Option, 10,000 shares of Common Stock issuable upon the exercise of the December 1999 Directors Option and 1,333 shares issuable upon the exercise of the

Series D Warrants.

- (6) Includes 829,226 shares of Common Stock owned by Woodland Venture and 186,838 shares of Common Stock issuable upon the exercise of the Series D Warrants.
- (7) Includes 619,983 shares of Common Stock owned by Seneca, and 93,417 shares of Common Stock issuable upon the exercise of the Series D Warrants.
- (8) Includes 309,316 shares of Common Stock owned by Woodland Partners and 93,417 shares of Common Stock issuable upon the exercise of the Series D Warrants.
- (9) Includes 1,049 shares of Common Stock owned by Marilyn Rubenstein and 1,333 shares of Common Stock issuable upon the exercise of the Series D Warrants.
- (10) Includes 294,810 shares of Common Stock owned by Brookwood.
- (11) Includes 216,980 shares of Common Stock owned by Wheatley Partners.
- (12) Includes 18,868 shares of Common Stock owned by Wheatley Foreign.
- (13) Includes 509,483 shares of Common Stock owned individually by Irwin Lieber, 31,040 shares of Common Stock issuable upon the exercise of the Advisory Option, 18,624 shares of Common Stock issuable upon the exercise of the 1996 Advisory Option, 20,000 shares of Common Stock issuable upon the exercise of the 1998 Directors Option, 10,000 shares of Common Stock issuable upon exercise of the June 1999 Directors Option, 7,500 shares of Common Stock issuable upon the exercise of the October 1999 Directors Option, 10,000 shares of Common Stock issuable upon the exercise of the December 1999 Directors Option, and 93,417 shares of Common Stock issuable upon the exercise of the Series D Warrants.
- (14) Includes 517,243 shares of Common Stock owned individually by Barry Fingerhut, and 93,417 shares of Common Stock issuable upon the exercise of the Series D Warrants.

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- (15) Includes 34,136 shares of Common Stock owned individually by Seth Lieber.
- (16) Includes 106,809 shares of Common Stock owned by Applegreen Partners and 23,354 shares of Common Stock issuable upon the exercise of the Series D Warrants.
- (17) Includes 32,584 shares of Common Stock owned individually by Jonathan Lieber.

(b) Wheatley Partners II has sole power to vote and to dispose of 1,430,507 shares of Common Stock, representing approximately 9.5% of the outstanding Common Stock.

Barry Rubenstein, by virtue of being a general partner of Wheatley Partners II, Woodland Venture, Seneca, Woodland Partners and Brookwood, a member and officer of Wheatley Partners, LLC, and the husband of Marilyn Rubenstein, may be deemed to have shared power to vote and to dispose of

4,095,644 shares of Common Stock (including 375,005 shares issuable upon the exercise of the Series D Warrants), representing approximately 26.6% of the outstanding Common Stock. Barry Rubenstein has sole power to vote and to dispose of 248,509 shares of Common Stock (including shares issuable upon the exercise of the Advisory Option, the 1996 Advisory Option, the 1998 Directors Option, the June 1999 Directors Option, the October 1999 Directors Option, the December 1999 Directors Option and 1,333 shares issuable upon the exercise of the Series D Warrants), representing approximately 1.6% of the outstanding Common Stock.

Irwin Lieber, by virtue of being a general partner of Wheatley Partners II and a member and officer of Wheatley Partners, LLC, may be deemed to have shared power to vote and to dispose of 1,666,355 shares of Common Stock, representing approximately 11.1% of the outstanding Common Stock. Irwin Lieber has sole power to vote and to dispose of 700,064 shares of Common Stock (including shares issuable upon the exercise of the Advisory Option, the 1996 Advisory Option, the 1998 Directors Option, the June 1999 Directors Option, the October 1999 Directors Option, the December 1999 Directors Option and 93,417 shares issuable upon the exercise of the Series D Warrants), representing approximately 4.6% of the outstanding Common Stock.

Barry Fingerhut, by virtue of being a general partner of Wheatley Partners II and a member and officer of Wheatley Partners, LLC, may be deemed to have shared power to vote and to dispose of 1,666,355 shares of Common Stock, representing approximately 11.1% of the outstanding Common Stock. Barry Fingerhut has sole power to vote and to dispose of 610,660 shares of Common Stock (including 93,417 shares issuable upon the exercise of the Series D Warrants), representing approximately 4.0% of the outstanding Common Stock.

Seth Lieber, by virtue of being a general partner of Wheatley Partners II and Applegreen, and a member and officer of Wheatley Partners, LLC, may be deemed to have shared power to vote and to dispose of 1,796,518 shares of Common Stock (including 23,354 shares issuable upon the exercise of the Series D Warrants), representing approximately 11.9% of the outstanding Common Stock. Seth Lieber has sole power to vote and to dispose of 34,136 shares of Common Stock, representing approximately 0.2% of the outstanding Common Stock.

Jonathan Lieber, by virtue of being a general partner of Wheatley Partners II and managing general partner of Applegreen, and a member and officer of Wheatley Partners, LLC, may be deemed to have shared power to vote and to dispose of 1,796,518 shares of Common Stock (including 23,354 shares issuable upon the exercise of the Series D Warrants), representing approximately 11.9% of the outstanding Common Stock. Jonathan Lieber has sole power to vote and to dispose of 32,584 shares of Common Stock, representing approximately 0.2% of the outstanding Common Stock.

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Woodland Venture has sole power to vote and to dispose of 1,016,064 shares of Common Stock (including 186,838 shares issuable upon the exercise of the Series D Warrants), representing approximately 6.7% of the outstanding Common Stock.

Seneca has sole power to vote and to dispose of 713,400 shares of Common Stock (including 93,417 shares issuable upon the exercise of the Series D Warrants), representing approximately 4.7% of the outstanding Common Stock.

Marilyn Rubenstein, has sole power to vote and to dispose of 2,382 shares of Common Stock (including 1,333 shares issuable upon the exercise of the Series D Warrants), representing approximately 0.02% of the outstanding

Common Stock, and by virtue of being an officer of Services and a general partner of Woodland Partners and Brookwood, may be deemed to have shared power to vote and to dispose of 2,426,907 shares of Common Stock (including 373,672 shares issuable upon the exercise of the Series D Warrants), representing approximately 15.8% of the outstanding Common Stock.

Services by virtue of being a general partner of Woodland Venture and Seneca, may be deemed to have shared power to vote and to dispose of 1,729,364 shares of Common Stock (including 280,255 shares issuable upon the exercise of the Series D Warrants), representing approximately 11.3% of the outstanding Common Stock.

Woodland Partners has sole power to vote and to dispose of 402,733 shares of Common Stock (including 93,417 shares issuable upon the exercise of the Series D Warrants), representing approximately 2.7% of the outstanding Common Stock.

Applegreen has sole power to vote and to dispose of 130,163 shares of Common Stock (including 23,354 shares issuable upon the exercise of the Series D Warrants), representing approximately 0.9% of the outstanding Common Stock.

Brookwood has sole power to vote and to dispose of 294,810 shares of Common Stock, representing approximately 2.0% of the outstanding Common Stock.

Wheatley Partners has sole power to vote and to dispose of 216,980 shares of Common Stock, representing approximately 1.4% of the outstanding Common Stock, and may be deemed to have shared power to vote and to dispose of 18,868 shares of Common Stock, representing approximately 0.1% of the outstanding Common Stock.

Wheatley Foreign has sole power to vote and to dispose of 18,868 shares of Common Stock, representing approximately 0.1% of the outstanding Common Stock, and may be deemed to have shared power to vote and to dispose of 216,980 shares of Common Stock, representing approximately 1.4% of the outstanding Common Stock.

Wheatley Partners, LLC by virtue of being a general partner of the Wheatley Partners and Wheatley Foreign, may be deemed to have shared power to vote and to dispose of 235,848 shares of Common Stock, representing approximately 1.5% of the outstanding Common Stock.

(c) The following table sets forth the transactions in shares of Common Stock of the Issuer by the Reporting Persons identified in Item 2 of this Schedule 13D which were effected during the prior sixty days from April 13, 2004:

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		Number		Number of Shar
		of Shares of		of Series E
		Series D Preferred	Number of Shares	Preferred Stoc
		Stock Exchanged	of Common Stock	Exchanged By
Name of Shareholder	Date	By Holder	Received by Holder	Holder

Wheatley Partners II, L.P.	04/13/04			94,339
Wheatley Partners, L.P.	04/13/04			86,792
Wheatley Foreign Partners, L.P.	04/13/04			7,547
Barry Rubenstein	04/13/04	495	1,049	47,169
Irwin Lieber	04/13/04	34,869	73,468	165,094
Barry Fingerhut	04/13/04	34,869	73,468	165,094
Seth Lieber	04/13/04			11,792
Jonathan Lieber	04/13/04			11,792
Woodland Venture Fund	04/13/04	69,379	146,938	212,264
Seneca Ventures	04/13/04	34,869	73,468	165,094
Woodland Partners	04/13/04	34,869	73,468	94,339
Brookwood Partners, L.P.	04/13/04			117,924
Applegreen Partners	04/13/04	8,672	18,366	35,377
Marilyn Rubenstein	04/13/04	495	1,049	

(e) Not applicable.

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SIGNATURE

After reasonable inquiry and to the best of his/her/its knowledge and belief, each of the undersigned hereby certifies that the information set forth in this Schedule is true, complete and correct.

Dated: April 29, 2004

WHEATLEY PARTNERS II, L.P.

By: /s/ Irwin Lieber

Irwin Lieber, a General Partner

SENECA VENTURES

By: /s/ Barry Rubenstein

Barry Rubenstein, a General Partner

⁽d) No other person has the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of such securities.

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WOODLAND VENTURE FUND

By: /s/ Barry Rubenstein _____ Barry Rubenstein, a General Partner WOODLAND SERVICES CORP. By: /s/ Barry Rubenstein Barry Rubenstein, President /s/ Barry Rubenstein _____ Barry Rubenstein /s/ Irwin Lieber Irwin Lieber /s/ Barry Fingerhut Barry Fingerhut /s/ Marilyn Rubenstein _____ Marilyn Rubenstein /s/ Seth Lieber _____ Seth Lieber /s/ Jonathan Lieber _____ Jonathan Lieber WOODLAND PARTNERS By: /s/ Barry Rubenstein Barry Rubenstein, a General Partner APPLEGREEN PARTNERS By: /s/ Jonathan Lieber _____ Jonathan Lieber, a General Partner 13D Page 24 of 24 Pages BROOKWOOD PARTNERS, L.P. By: /s/ Barry Rubenstein _____ Barry Rubenstein, a General Partner WHEATLEY PARTNERS, L.P. By: Wheatley Partners, LLC, the General Partner

By: /s/ Barry Rubenstein

Barry Rubenstein, CEO

WHEATLEY FOREIGN PARTNERS, L.P.

By: Wheatley Partners, LLC, the General Partner

By: /s/ Barry Rubenstein

Barry Rubenstein, CEO

WHEATLEY PARTNERS, LLC

ATTENTION: INTENTIONAL MISSTATEMENTS OR OMISSIONS OF FACT CONSTITUTE FEDERAL CRIMINAL VIOLATIONS (SEE 18 U.S.C. 1001).

By: /s/ Barry Rubenstein

Barry Rubenstein, CEO