FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington,	D.C.	20549	
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*  OBRIEN THOMAS M						2. Issuer Name <b>and</b> Ticker or Trading Symbol VirnetX Holding Corp [ VHC ]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
														X	Director			10% Ow	ner	
(Last) 5615 SC	`	First)	(Middle) UITE 110			3. Date of Earliest Transaction (Month/Day/Year) 01/30/2009										Officer ( below)	give title		Other (s below)	pecify
(Street) SCOTTS VALLEY	( )	A	95066		4.	4. If Amendment, Date of Original Filed (Month/Day/Year					/Year)		Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting							
(City)	(S	State)	(Zip)		-											Person				
		Ta	ble I - Nor	n-Deriv	<i>v</i> ativ	/e Se	curitie	s A	cquire	d, C	Disp	osed of	, or Be	nefici	ially	Owned				
Date					action 2A. Deemed Execution Date, if any (Month/Day/Year)		Code (Instr.   5)				Securities Beneficially Owned Following		s lly ollowing	Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership				
						C			Co	de	v	Amount	ount (A) or (D)		ce	Reported Transaction(s) (Instr. 3 and 4)				Instr. 4)
Common Stock 01/3					0/20	2009 P 46,665 A		\$	31.5	46,	46,665		D							
			Table II -									sed of, onvertib				wned				
				ransa Code (I		5. Numb of Derivati Securiti Acquire (A) or Dispose of (D) (II 3, 4 and	Expiration Date (Month/Day/Year) of Securities Underlying Derivative Secional (Instr. 3 and 4) Onest				ities ng 'e Secu	Derivative Security curity (Instr. 5)		9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
				С	ode	v	(A)	(D)	Date Exercis	able	Exp Dat	oiration e	Title	Amo or Num of Shar	ber					
Common Stock Warrant	\$2	01/30/2009		J	J <sup>(1)</sup>		23,333		(1)		07/3	30/2010 <sup>(1)</sup>	Common Stock	23,3	333	\$0.00	23,333	3	D	
Common Stock Warrant	\$3	01/30/2009		J	J <sup>(1)</sup>		23,333		(1)		07/3	30/2010 <sup>(1)</sup>	Common Stock	23,3	333	\$0.00	23,33	3	D	
Common Stock	\$4	01/30/2009		J	J <sup>(1)</sup>	V	23,333		(1)		07/3	30/2010 <sup>(1)</sup>	Common	23,3	333	\$0.00	23,33	3	D	

## **Explanation of Responses:**

1. The Reporting Person is receiving three types of warrants to purchase the Issuer's common stock in connection with the Issuers's offering of common stock and warrants (the "Warrants") to purchase common stock pursuant to Issuer's Form S-1 (File No. 333-153645) (the "Offering"). The Warrants received have similar terms but are exercisable at different prices. For each share purchased at the closing of the Offering the Reporting Person will receive a warrant to purchase 0.5 shares of common stock at \$2.00 per share, 0.5 shares of common stock at \$3.00 per share and 0.5 shares of common stock at \$4.00 per share (fractional shares will be rounded up). All Warrants will be exercisable January 30, 2009 through and including July 30, 2010 and include a call feature that gives the Issuer the right to require the holder of the warrant to exercise the warrant under certain conditions, failing which the respective warrant(s) will terminate.

## Remarks:

/s/ Kendall Larsen, Attorney-in-Fact for Thomas M. O'Brien

\*\* Signature of Reporting Person

02/02/2009

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.