

Reiner Andres
 Form 4
 December 16, 2011

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Reiner Andres

(Last) (First) (Middle)

3100 MAIN STREET, SUITE 900

(Street)

HOUSTON, TX 77002

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 PROS Holdings, Inc. [PRO]

3. Date of Earliest Transaction (Month/Day/Year)
 12/14/2011

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 President & CEO

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common stock	12/14/2011		M		12,500	A	\$ 15.75 (1)
Common Stock	12/14/2011		F		4,557	D	\$ 15.75 (1)

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
Restricted Stock Units	(2)	12/14/2011		M	12,500	(3) (3)	Common Stock	12,500

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Reiner Andres 3100 MAIN STREET SUITE 900 HOUSTON, TX 77002	X		President & CEO	

Signatures

J. Scott McClendon, Attorney-in-fact for Andres Reiner
 Signature: _____ Date: 12/16/2011

**Signature of Reporting Person

Date

Explanation of Responses:

- * 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).
- (1) The price represents the price of PROS Holdings, Inc. common stock at the close of market on December 14, 2011.
- (2) Each restricted stock unit represents the contingent right to receive one share of PROS Holdings, Inc. common stock.
- (3) This restricted stock unit grant was awarded on December 14, 2010 in the amount of 50,000 restricted stock units and vest annually, in equal installments, over a four year period on the date of grant.
 Includes (i) 16,667 of unvested restricted stock units which will vest on January 1, 2012 associated with a November 11, 2008 grant, (ii) 8,333 of unvested restricted stock units which will vest on March 13, 2012 associated with a March 13, 2009 grant, (iii) 22,500 of unvested restricted stock units which will vest in equal installments over the next three years on February 24th associated with a March 9, 2010 grant, (iv) 37,500 of unvested restricted stock units which will vest in equal installments over the next three years on the date of grant associated with a December 14, 2010 grant and (v) 35,000 of unvested restricted stock units which will vest in equal installments over the next four years on the date of grant associated with a May 10, 2011 grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.