

CPI INTERNATIONAL, INC.  
 Form 4  
 February 13, 2008

**FORM 4**

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

OMB APPROVAL

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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 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 \*  
**CALDARELLI O. JOE**

2. Issuer Name and Ticker or Trading Symbol  
**CPI INTERNATIONAL, INC.  
 [CPII]**

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
**811 HANSEN WAY**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**02/12/2008**

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Chief Executive Officer**

**PALO ALTO, CA 94303**

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

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

(City) (State) (Zip)

**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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock, par value \$0.01 per share	02/12/2008		P	2,299	A \$ 11.24	64,299 <sup>(1)</sup>	D
Common Stock, par value \$0.01 per share	02/12/2008		P	7,800	A \$ 11.26	72,099 <sup>(1)</sup>	D
Common Stock, par value \$0.01 per share	02/12/2008		P	5,200	A \$ 11.27	77,299 <sup>(1)</sup>	D

Common Stock, par value \$0.01 per share	02/12/2008	P	4,900	A	\$ 11.28	82,199 <sup>(1)</sup>	D
Common Stock, par value \$0.01 per share	02/12/2008	P	1,201	A	\$ 11.3	83,400 <sup>(1)</sup>	D
Common Stock, par value \$0.01 per share	02/12/2008	P	2,600	A	\$ 11.32	86,000 <sup>(1)</sup>	D
Common Stock, par value \$0.01 per share	02/12/2008	P	1,000	A	\$ 11.34	87,000 <sup>(1)</sup>	D

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

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(9-02)

**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. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repor Trans (Instr
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V (A) (D)		

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
CALDARELLI O. JOE 811 HANSEN WAY	X		Chief Executive Officer	

PALO ALTO, CA 94303

## Signatures

/s/ Amanda Mogin, Attorney  
in Fact

02/13/2008

\_\_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) Includes 12,000 restricted stock units granted in December 2007. 25% of the restricted stock units vest on November 30 of each of 2008, 2009, 2010 and 2011. Upon vesting, each restricted stock unit entitles Mr. Caldarelli to receive one share of common stock.

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

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