

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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* <u>Mueller Brenda L</u>	2. Date of Event Requiring Statement (Month/Day/Year) 05/07/2010	3. Issuer Name and Ticker or Trading Symbol <u>DIGI INTERNATIONAL INC [DGII]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Corp Cntrlr & Actg Fin Ofcr</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) <u>11001 BREN ROAD EAST</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(Street) <u>MINNETONKA MN 55343</u>			
(City) (State) (Zip)			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	7,313.793 ⁽¹⁾	D	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Employee Stock Option (right to buy)	(2)	06/11/2011	Common Stock	3,000	9.01	D
Employee Stock Option (right to buy)	(2)	09/28/2011	Common stock	3,339	5.2	D
Employee Stock Option (right to buy)	(2)	11/06/2012	Common Stock	5,000	2.4	D
Employee Stock Option (right to buy)	(2)	11/05/2013	Common stock	10,000	9.65	D
Employee Stock Option (right to buy)	(2)	11/22/2014	Common Stock	7,500	14.74	D
Employee Stock Option (right to buy)	(3)	11/28/2015	Common Stock	10,000	12.73	D
Employee Stock Option (right to buy)	(4)	11/27/2016	Common Stock	12,500	13.41	D
Employee Stock Option (right to buy)	(5)	11/27/2017	Common Stock	7,500	15.23	D
Employee Stock Option (right to buy)	(6)	11/25/2018	Common Stock	6,500	8.49	D
Employee Stock Option (right to buy)	(7)	11/24/2019	Common Stock	6,000	8.03	D

Explanation of Responses:

- All shares purchased pursuant to an employee stock purchase plan.
- Fully vested.
- 25% of the option vested on November 28, 2006. The remaining shares of the option vest ratably each month over the next 3 years.
- 25% of the option vested on November 27, 2007. The remaining shares of the option vest ratably each month over the next 3 years.
- 25% of the option vested on November 27, 2008. The remaining shares of the option vest ratably each month over the next 3 years.
- 25% of the option vested on November 25, 2009. The remaining shares of the option vest ratably each month over the next 3 years.
- 25% of the option will vest on November 24, 2010. The remaining shares of the option vest ratably each month over the next 3 years.

/s/Brenda L. Mueller

05/14/2010

** Signature of Reporting Person

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 5 (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.

POWER OF ATTORNEY

I, Brenda L. Mueller, hereby authorize and designate each of James E. Nicholson, Amy C. Seidel, John A. Haveman, Joshua Colburn, Michael N. Molepske, Kathy Laursen and Julie M. Regnier signing singly, as my true and lawful attorney-in-fact to:

- (1) execute for and on my behalf, in my capacity as an officer and/or director of Digi International Inc. (the 'Company'), Forms 3, 4 and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 (the 'Exchange Act') and the rules and regulations promulgated thereunder;
- (2) do and perform any and all acts for and on my behalf which may be necessary or desirable to complete and execute any such Form 3, 4 or 5 and timely file such form with the Securities and Exchange Commission, any stock exchange or similar authority, and the National Association of Securities Dealers; and
- (3) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be to my benefit, in my best interest, or legally required of me, it being understood that the statements executed by such attorney-in-fact on my behalf pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

I hereby further grant to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as I might or could do if personally present, with full power of substitutes or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. I hereby acknowledge that the foregoing attorneys-in-fact, in serving in such capacity at my request, are not assuming, nor is the Company assuming, any of my responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until I am no longer required to file Forms 3, 4 and 5 with respect to my holdings of and transactions in securities issued by the Company, unless earlier revoked by me in a signed writing delivered to the foregoing attorneys-in-fact. Notwithstanding the foregoing, if any such attorney-in-fact hereafter ceases to be at least one of the following: (i) a partner of Faegre & Benson LLP or (ii) an employee of Faegre & Benson LLP, this Power of Attorney shall be automatically revoked solely as to such individual, immediately upon such cessation, without any further action on my part.

I hereby revoke all previous Powers of Attorney that have been granted by me in connection with my reporting obligations

under Section 16 of the Exchange Act with respect to my holdings of and transactions in securities issued by the Company.

IN WITNESS WHEREOF, I have caused this Power of Attorney to be duly executed a of this 11th day of May, 2010.

/s/Brenda L. Mueller