

# FORM 3

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

OMB APPROVAL  
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### INITIAL STATEMENT OF 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

1. Name and Address of Reporting Person * <b>Marinucci John</b>	2. Date of Event Requiring Statement (MM/DD/YYYY) <b>8/10/2010</b>	3. Issuer Name and Ticker or Trading Symbol <b>IntelGenx Technologies Corp. [IGXT]</b>
(Last) (First) (Middle) <b>37 SHOREWOOD PLACE</b>	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	
(Street) <b>OAKVILLE, A6 L6K 3Y3</b>	5. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
(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)

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

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Options (Right to buy)	2/10/2011	8/10/2015	Common Stock	18750	\$0.37	D	
Options (Right to buy)	8/10/2011	8/10/2015	Common Stock	18750	\$0.37	D	
Options (Right to buy)	2/10/2012	8/10/2015	Common Stock	18750	\$0.37	D	
Options (Right to buy)	8/10/2012	8/10/2015	Common Stock	18750	\$0.37	D	

Explanation of Responses:

Reporting Owners

Reporting Owners	Relationships

Reporting Owner Name / Address	Director	10% Owner	Officer	Other
<b>Marinucci John</b> <b>37 SHOREWOOD PLACE</b> <b>OAKVILLE, A6 L6K 3Y3</b>	<b>X</b>			

**Signatures**

/s/ John Marinucci

8/11/2010

\*\* 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 control number.