

# A successful collaboration: Centre collégial de transfert de technologie en télécommunications (C2T3) and GDG Environnement

## ➤ Vectrack-1: At Your Service!

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**It's finally here: the panacea for all businesses whose outdoor operations are influenced by seasonal weather variations, not to mention the character and cartography of habitats. Going by the name of Vectrack-1, this device records, in real time, the GPS location, time and duration of any field activity.**

"Simple, efficient," this cell phone lookalike "was designed to be integrated into the field equipment of our client's employees without also requiring any modifications to the client's equipment or procedures," emphasizes Denis Moreau, director general of the **Centre collégial de transfert de technologie en télécommunications (C2T3)**, the research centre mandated by GDG Environnement to perfect the electronic aspect and programming of this product.

Headquartered in Trois-Rivières, Quebec, GDG conducts operations across all of eastern Canada centring on the biological control of biting insects, the monitoring and prevention of the West Nile virus and the control of invasive plants.



### ➤ Using Vectrack-1

"Each time an employee presses the spray gun on his equipment to release a given product, a wireless signal is sent via a receiver-transmitter unit to the Vectrack-1," explains Mr. Moreau.

### ➤ A first-line tool

"The Vectrack-1 records the GPS data location, time and duration of any activity, such as the application of a product (e.g., aerial pesticide). It takes only a few seconds to upload the data onto our Web portal in order to produce real-time reports in the form of data tables and interactive computerized maps," exclaims Christian Back, GDG's Vice-President for science and technology. "C2T3's collaboration proved critical for moving from the prototype phase to a device adapted to conditions in the field," he adds.

With the patent pending on the Vectrack-1, GDG has gone ahead and assembled the first hundred units, which will be deployed both within the company and externally, all within the framework of demonstration and promotion projects. □

