



## CASE STUDY



### **Municipality:**

The city and police department of Kensington

### **Country or Region:**

Prince Edward Island Canada

### **Industry:**

Government

### **Profile:**

Kensington is the commercial heart of over 30 surrounding fishing and farming communities. With a population of 1,485 residents, the town offers all of the amenities of a large community, but the serenity of a small town.

Kensington is the gateway to many of Prince Edward Island's most visited and well-known places, including the famed Malpeque Bay, the beautiful seaside city of Summerside, and the city of Charlottetown.

### *Tranzeo delivers wireless connectivity to rural municipality*

**Business Situation:** The town of Kensington, Prince Edward Island, Canada needed to implement a wireless video surveillance network. The system needed to work with multiple surveillance cameras to wirelessly transmit video to the Kensington police station and police cars.

As a rural community off of Canada's East Coast, Kensington did not have access to an existing broadband network or the funds to install fiber optic cables throughout the town. Adding to the challenge, each camera location had to transmit video data around obstacles, such as buildings and trees and function reliably despite harsh winter weather conditions including heavy snow, freezing rain and severe high winds.

**Solution:** As the system integrator for this project, H.G. Inc. turned to Tranzeo Wireless Technologies and its 900MHz radios, pairing them with Sony Ipela SNC-RX550N IP cameras.

The video captured on the Sony cameras is wirelessly transmitted to a network video recorder (NVR) which resides at the local police station. One of the 900MHz radios is used for the police department's portable undercover camera unit. This unit is relocated around the community as needed and often placed in areas with no line-of-site and many obstructions in its path.

***"We're confident in the rapid deployment and integrity of Tranzeo's 900MHz radios; they ensure that our customers experience a solid wireless network with no video loss. The fact that this is a rural community that experiences severe weather is not a factor for the Tranzeo radios; their service is 100% reliable."***

- Derrick Hillyard, President H.G. Inc.

Since the product was installed in the spring of 2007, the town has been thrilled with the quality of wireless service that Tranzeo has been able to provide.

## About Tranzeo Wireless Technologies

Tranzeo Wireless Technologies Inc. (TSX:TZT) leads the wireless broadband industry as a premier manufacturer of high-performance wireless network equipment that allows communities and businesses to communicate without boundaries. Within its state-of-the-art automated manufacturing facility, Tranzeo designs and produces all of its equipment for quick installation, ease of use and minimal maintenance. Its three-year product warranty sets the industry standard for service.

Since the company's inception in 2000, Tranzeo's optimum cost effectiveness, premium quality and responsive support have attracted a growing and devoted worldwide following of more than 2,465 dealers and 20 distributors.

Tranzeo's full spectrum of point-to-point and point-to-multipoint radios, WiMAX equipment, and mesh network solutions are designed for wireless internet service providers, governments, campuses, military, carriers, enterprise customers, and systems integrators around the globe. Robust solutions and first-rate OEM capabilities have resulted in remarkable growth in sales and market presence. Headquartered in Greater Vancouver, Canada, Tranzeo Wireless can be found online at [www.tranzeo.com](http://www.tranzeo.com) or by telephone at 1.866.872.6936.