



GO Transit chooses Interalia's announcement and intercom for their public transit system

Background and Challenge:

In 2001, GO Transit, Ontario's interregional public transit system, realized that their current public announcement and intercom capabilities were an operational safety concern, and their former equipment supplier could not resolve the problem. Knowing that Interalia System Corp. (Envitech Communication) specialized in customizing solutions to customer requirements, they called on Interalia to fix the system in a way that kept it compatible with all other equipment. The added challenge was that these new components had to be installed without interrupting service.

The Solution:

Rising quickly to the challenge, Interalia compared existing design and performance with new operational capabilities and other potential communication services. The company then proposed a new communication module that was compatible with the equipment in place. This resolved operational safety concerns, improved audio performance and anticipated future "plug and play" upgrades.

The Results:

Interalia implemented turn-key commissioning of new communication boards in more than 350 wagons providing the security and reliability GO Transit needed. Without interrupting service, the communication module retrofit cost just a fraction of what replacing equipment would have cost. And, it had the added value of providing enhanced functionality and performance. The new system also raised the bar for audio quality, all the while offering exceptional in-service reliability.

What did GO Transit think about all this? They were so pleased that, when they needed a new integrated control head to support their new trunked UHF radio system, they came back to Interalia! The new unit provided control that supports their

existing VHF AAR radios. It also had on-board PA and IC services in a configurable and expandable package - a stepping stone to eventually implementing a fully digital communication system.



The Company:

GO Transit is Canada's first, and Ontario's only, interregional public transit system, linking Toronto with the surrounding regions of the Greater Toronto Area (GTA). They carry nearly 55 million passengers a year in an extensive network of train and bus services that is one of North America's premier transportation systems. Since beginning operations in May 1967, over one billion people have taken the GO Train or the GO Bus. Officially known as the Greater Toronto Transit Authority (GTTA), GO Transit provides safe, convenient, and efficient transportation to the communities of the Toronto area. Go Transit runs 435 railcars over 390 km of track and through 59 stations.

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