

# Reference



## Project Partner

**TransLink, Coast Mountain Bus Company  
Vancouver, BC, Canada**

+1500 Buses

*Home of the 2010 Winter Olympic Games*

## Project Highlights

- Intermodal Transport Control System (CAD/AVL)
- Automatic Vehicle Location based on logical positioning, GPS, gyroscope and an advanced map based vector matching algorithm
- Extended Computer Aided Service Restoration (CASR) features like Detour Management and Real Time Service Control System (headway control)
- All telematics functions controlled by an on-board IT-Platform
- Real-time passenger information at stops via in-vehicle next stop display and announcement system
- Harris digital radio system, the biggest digital radio based ITCS and fleet management system in North America (data radio and integrated voice radio)
- Wireless LAN for data upload/download with extended access security (LEAP)
- Data Provision and Management System
- Interface to CCTV Bus Security System
- Interface to vehicle TSP system
- Interface to destination sign and fare box system
- Interface to fixed route scheduling



Vancouver is located in the lower mainland of southwestern British Columbia, Canada, and is the largest city in the entire Pacific Northwest region. Vancouver is also the largest single transit service area in Canada. Coast Mountain Bus Company (CMBC) is a vital link in the Greater Vancouver multi-modal public transportation network. CMBC operates conventional buses, smaller community shuttles, SeaBus and a fleet of state-of-the-art trolley buses in Greater Vancouver. Vancouver hosted the 2010 Winter Olympics in which CMBC played a vital role in transporting the millions of visitors present for this momentous event.

## INIT Products Employed

- MOBILE-ITCS
- TOUCHit
- MOBILEstatistic
- PAmobil
- MOBILEic
- PIDmobil
- COPILOTpc
- GPSgo

## Contact At Authority

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