

Reference

Project Partner

**York Region Transit (YRT)
Richmond Hill, Ontario, Canada**

115 BRT buses

330 fixed-route buses



- Intermodal Transport Control System (CAD/AVL) with map display and incident management
- All vehicles equipped with:
 - On-board computers (COPILOTpc)
 - Mobile data terminals (PRESSit)
 - Automated Passenger Counters (APCs)
 - Vehicle diagnostic interface via J1708
 - Digital Voice Announcement System (PAmobil)
 - Passenger Information Displays (PIDmobil)
- Real time passenger information, including 150 INIT LED displays at stops and terminals
- Intranet access for mobile supervisors
- MOBILE-PLAN Planning System with interface to scheduling system
- Traffic Signal Priority (TSP) at 141 intersections via 3M Opticom
- On-board interfaces with:
 - Destination Signs
 - Cameras
- GPRS for data communication
- GSM for voice communication
- 802.11 Wireless LAN for mass data transfer



VIVA, York Region Transit's BRT service, operates 20 hours a day with vehicles arriving every 5-10 minutes during peak periods. BRT (Bus Rapid Transit) is a rapid transit system that replicates subway or light rail systems with use of buses. Passengers on VIVA are provided rail-like services and amenities, including modern vehicles with multiple doors for faster boarding, enhanced stations and platforms and real-time bus arrival information.

INIT Products Employed

Contact At Authority

- MOBILE-ITCS
- MOBILE-STOPinfo
- MOBILEreports
- MOBILEforms
- MOBILEstatistics
- MOBILEic
- COPILOTpc
- PRESSit
- GSMvoice
- MOBILE-APC
- PIDstation
- WLAN
- PIDmobil
- PIDstation II

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