

Reference

Project Partner

Capital District Transportation Authority Albany, NY

Buses and Supervisory Vehicles
200+ fixed-route buses, 34 Paratransit, 26 deviated shuttles, 5 trolleys, 26 service, 40 supervisory
60 buses equipped with MOBILE-APC

Project Highlights

- Intermodal Transport Control System (CAD/AVL) using Wide Area Augmentation System GPS for fleet
- Real Time Passenger Information (RTPI)
- Mobile data terminals
- GIS map display
- Simulcast voice and data mobile radio system with 2 base station sites supporting voice and data channels
- Onboard next stop displays
- Onboard announcements with MP3 Voice Data Center for audio recording
- Automatic passenger counting system for 60 vehicles
- Wireless LAN for data and software transfer
- Statistics software for analysis and reporting of passenger counting, schedule adherence and other information
- Traffic signal priority at 36 intersections
- Voice-Over-IP for voice radio communication at Control Center

Interfaces To:

- GIRO Hastus planning tool
- Spear maintenance system

CDTA is the premier mobility provider in the Capital Region, providing regular route bus service, shuttle systems and paratransit services. Approximately 45,000 passengers board CDTA vehicles each day. In the CDTA Control Center a JAVA-based Intermodal Transport Control System (CAD/AVL) will support the dispatchers managing the vehicle fleet. Voice and data radio are integrated into an advanced radio communication system. CDTA is located in Albany, the capital city of New York.

INIT Products Employed

- MOBILE-ITCS
- MOBILE-APC
- COPILOT
- IRMA
- MOBILE-STOPinfo
- MOBILEreports
- MOBILEforms
- LISA
- MOBILEstatistics
- WLAN

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