

Reference

Project Partner



Dallas Area Rapid Transit, TX

115 Light Rail Vehicles equipped with COPILOTpc
48 Rail cars equipped with Automatic Passenger Counting

Project Highlights

- GPRS (General Packet Data Radio Service) for data communication -vehicles and stop displays
- Schedule Adherence Module (SAM) for recording and displaying on time performance (OTP)
- Information Display System (IDS) to transfer operations data from the on-board VBS and display to various display systems
- Automated Voice Announcement (AVA) System to audibly announce rail station arrivals, departures, next stop and other customer-driven messages
- GPS-based AVL
- APC (Automatic Passenger Counters)

Interfaces to:

- Authority's Network
- Automatic Passenger Counting System
- Supervisory Control and Data Acquisition System (SCADA)
- Public Announcement/Visual Message Board (PA/VMB)



Dallas Area Rapid Transit (DART) is the Dallas area public transportation authority providing buses, rail, and HOV lanes to the residents of Dallas, Texas. DART began operating the first light rail system in the Southwest United States in 1996 and continues to expand its coverage. It includes Dallas and 12 surrounding cities. DART operates local and express bus routes serving Addison, Carrollton, Cockrell Hill, Dallas, Farmers Branch, Garland, Glenn Heights, Highland Park, Irving, Richardson, Rowlett, Plano and University Park. More than 200,000 passengers are moved per day across the 700-square-mile service area.

INIT Products Employed

- ITCS
- WLAN
- COPILOTpc
- MOBILEic
- Pressit
- MOBILEstatistics
- MOBILEplan
- MOBILE-APC

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