

# Reference



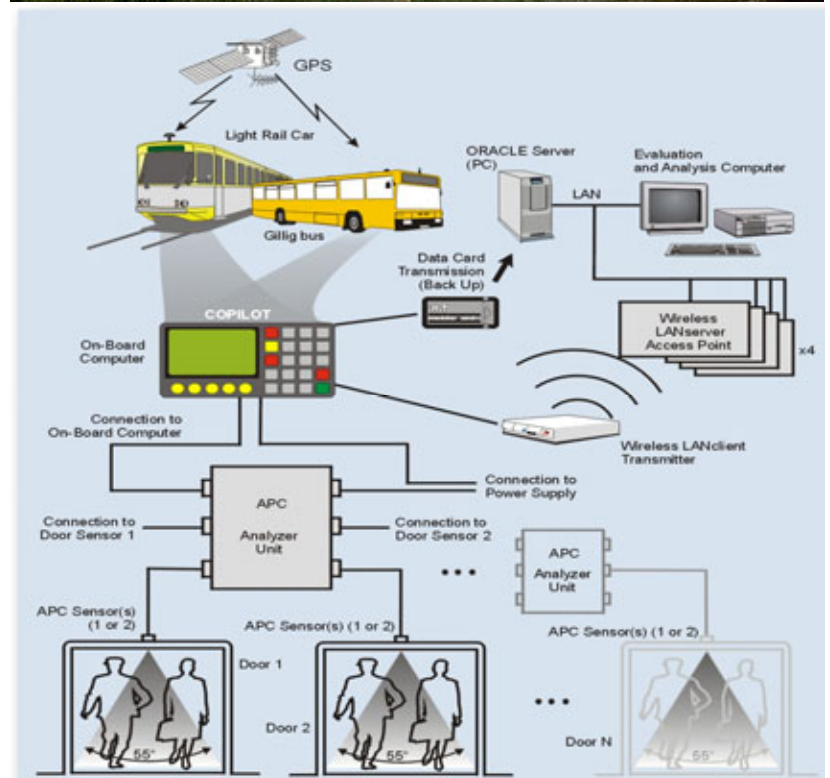
## Project Partner

**METRO**  
**St. Louis, MO**

40 Buses and 87 Light Rail Vehicles

## Project Highlights

- Automatic passenger counting system – installed on 40 buses and 87 light rail vehicles
- Correlation between APC counts and stops via GPS and logical location "dead reckoning"
- Wireless LAN data/software transfer. Access points located at 3 bus garages and 2 light rail garages.
- Analysis of vehicle raw data files
- Passenger count data matching and validation
- Statistics software for analysis and reporting of passenger count and other information



## Interfaces To:

- ESRI – GIS tool
- Trapeze – scheduling software

The Bi-State Development Agency in St. Louis, Missouri is using INIT's IRMA Automatic Passenger Counting System for planning and reporting purposes. Passenger count data is collected and stored in the mobile data terminal, then sent via Wireless LAN to the Control Center. At the Control Center the data is analyzed with MOBILEstatistics. The Central server in this complex system is connected via LAN to a total of five garages – three for bus and two for light rail vehicles.

## INIT Products Employed

- MOBILE-APC
- WLAN
- MOBILEstatistics
- MOBILEdvm
- COPILOT

## Contact At Authority

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