

# Reference



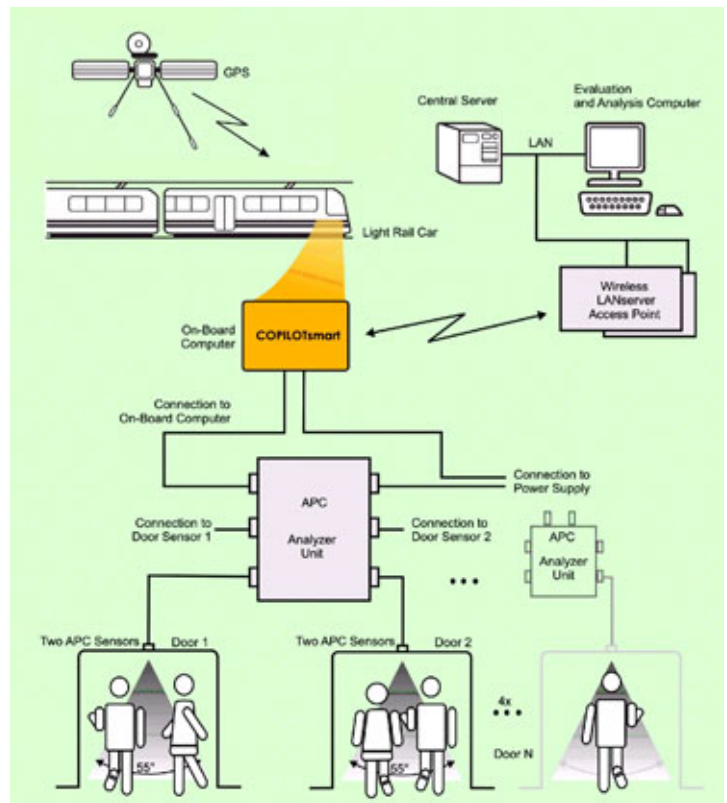
## Project Partner

### VTA Valley Transportation Authority Santa Clara, CA

30 Light rail vehicles (Kinkisharyo manufacturer)  
equipped with MOBILE-APC

## Project Highlights

- APC System – COPILOTsmart as on-board computer controls vehicle equipment
- NO DRIVER LOG ON
- Equipment on board is hidden behind panels and is not visible to passengers
- Data Transfer based on state-of-the art CISCO security standards
- Wireless LAN data/software transfer to and from the vehicle
- Access points located at LRV garage
- Passenger count data processing at on central location
- Data Validation Matching of passenger data with schedule information
- Data evaluation with MOBILEstatistics software



VTA's 42.2-mile light rail line is one of the longest to be built in the U.S. in 50 years. Service started on the line in December 1987. The initial nine-mile segment from Santa Clara through downtown San Jose was completed in June 1988. Service to the Tamien Station (Alma Avenue), two miles south of downtown, began in August 1990. The entire 20.8-mile line was completed in April 1991. In December 1999, VTA opened the 7.6-mile Tasman West line, connecting Mountain View with existing Light Rail service. The Tasman East Extension followed in two phases. Phase I, Baypointe Transfer Station to I-880/Milpitas Station, was completed in May 2001. Phase II, I-880/Milpitas Station to Hostetter Station, was completed in June 2004, in conjunction with the Capitol Light Rail Extension south of Hostetter to Alum Rock Station. The Vasona Extension from Downtown San Jose to Winchester Transit Center opened October 1, 2005.

## INIT Products Employed

- MOBILE-APC
- COPILOTsmart
- WLAN
- IRMA

## Contact At Authority

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