

## Reference

### Project Partner

**Verkehrsbetriebe Karlsruhe GmbH (VBK) and  
Albtal Verkehrsgesellschaft mbH (AVG),  
Karlsruhe, Germany**

260 Trams, 70 Buses

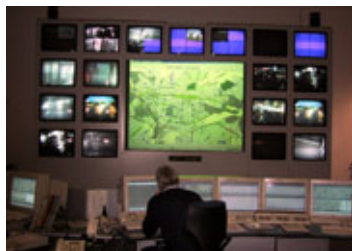
Currently in Realization

Date of Award: 2008

Contract Value: app. 3 Mio. €

### Project Highlights

- Intermodal Transport Control System MOBILE-ITCS as replacement of the previous MOBILE-RBL system
- Joint control center of VBK and AVG at the new depot Gerwigstraße
- Data and voice communication with 6 base stations in urban areas
- Public wireless radio GSM / GPRS / UMTS in rural areas
- PC-based on-board computer and data server COPILOTpc
- Driver Terminal TOUCHit
- Vehicle data upload and download via GPRS / UMTS, also for 3<sup>rd</sup> party devices in vehicles
- Traffic signal priority
- Real-Time Passenger Information STOPinfo at 150 stops and via Internet



VBK and Die Bahn, the German Rail Company, were the first agencies in Europe to provide mixed operation of heavy and light rail transit on the same tracks, called the "Karlsruhe Model". Both heavy and light rail continue to share these tracks today. Both VBK and the INIT Group HQ are located in Karlsruhe, Germany. The proximity facilitates a good working relationship between the companies.

### INIT Products and Systems

### Contact Person

- |                       |                    |                       |
|-----------------------|--------------------|-----------------------|
| • COPILOTpc           | • MOBILE-ITCS      | postmaster@initag.com |
| • TOUCHit             | • MOBILE-STOPinfo  |                       |
| • GSMvoice            | • MOBILEstatistics |                       |
| • MRI3                | • MOBILEic         |                       |
| • MONAtsp             |                    |                       |
| • Train Lan Interface |                    |                       |

