

## Reference

### Project Partner

#### Upplands Lokaltrafik AB

#### Uppsala, Sweden

250 Buses, 3 Commuter train

36 Stops

### Project Highlights

- Intermodal Transport Control System – ITCS (former CAD/AVL)
- JAVA technology
- GIS map display
- Connection protection
- Voice-Over-IP for voice radio communication
- Integration of speech-com-only dispatcher using public telephone systems
- Integration of country wide SOS centre for emergency calls
- Regional PMR based speech and data radio system, using radio cells with automatic roaming
- Integration of portable speech com devices for mobile traffic dispatcher
- Integration of buses with speech-com-only equipment
- Real time passenger information
- On-board passenger information
- Wireless LAN
- Statistics software for analysis and reporting

#### Interfaces To:

- REBUS planning tool
- ALMEX ticketing machine
- COORDCOM emergency system
- KNM presentation system

#### Future Extensions:

- Additional ITCS dispatcher functionalities

The city of Uppsala is Sweden's fourth largest municipality, perhaps best known for its 15th century university, Uppsala University (Uppsala universitet). Uppsala University was founded in 1477 and is the oldest university in the Nordic countries. The long tradition of research, in tandem with innovative thinking, guarantees the high quality that has garnered international acclaim.

Uppsala is located 70 kilometers north of Stockholm in the province of Uppland. The city's resident population is 180.000.



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- COPILOTsoftkey
- WLAN
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