

Reference



Project Partner

Transports Publics du Littoral Neuchâtelois – Neuchâtel, Switzerland

Automatic Passenger Counting with MATRIX-Sensor in 32 vehicles and at 4 cable car stations

Project Highlights



Vehicles:

- 7 solo buses
- 3 articulated buses
- 12 articulated trolley-buses
- 10 trams
- 2 cable cars
- In total: APC in 32 vehicles and 4 cable car stations

Hardware:

- COPILOTpc, on-board computer using Windows XP Embedded operating system
- GPSgo2, GPS receiver
- GSMdata, GSM data radio modem
- Ethernet switch
- MATRIX-sensors for passenger counting



Software:

- Autarkic passenger counting
- New development of the interface COPILOTpc and MATRIX-Sensor

Neuchâtel is the capital of the Swiss canton of Neuchâtel. Together with the districts Serrières and Chaumont the community is surrounded by mainly forests and grassland. Since 1512 the demesne forestier des Joux also belongs to the city of Neuchâtel. The public transit company Transports publics du Littoral neuchâtelois serves 17,8 million passengers per year with 16 different routes on 88 km.

INIT Products and Systems

- COPILOTpc
- GPSgo2
- GSMdata
- Ethernet Switch
- Matrix-Sensoren
- MOBILEdvm

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