

Internet-Parking

Initial Situation / Motivation

A basic requirement for further digitisation is fast internet access. In this context, road users on federal motorways also have a great interest in such accesses. Car and truck drivers have so far been cut off from internet access during their sometimes long journey times, apart from flat rate mobile communications which are subject to charges.

Measure Goal

The aim of the measure was to provide road users on the Digital Motorway Test Bed with free high-speed Internet access via WLAN at motorway stations with sanitary facilities. Truck drivers in particular should be able to benefit from this during their rest periods.

Measure Implementation

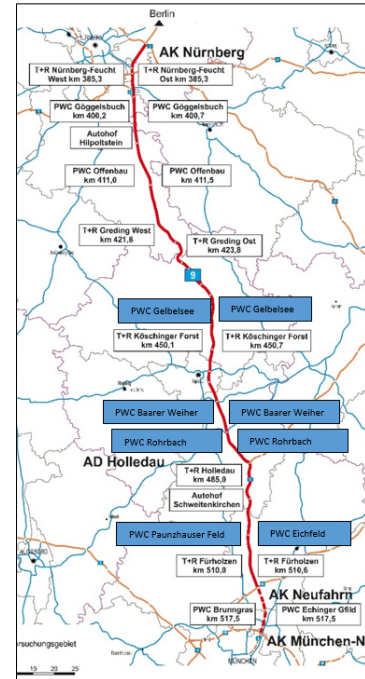
Using existing infrastructure (including the fibre optic cable transmission route along the A9 motorway and the light poles on the parking area), a total of 8 motorway stations were equipped with WLAN internet access. The speed provided (bandwidth) should be at least 50 Mbit/s per motorway station. In parallel, the project was accompanied scientifically.



Source: Northern Bavaria subsidiary of Autobahn GmbH
Figure: One of three access points per installation

Current Status

The eight systems at the parking lots Gelbensee-East and West, Baarer Weiher-East and West, Rohrbach-Ottersried-East and West, Paunzhauser Feld and Eichfeld have been equipped and are in operation. In addition, all sections required for the release of the WLAN function (final tests, erection of all signs, removal of password protection) have been carried out or coordinated and an official release has been issued. Evaluations from the scientific support show, among other things, that the offer is accepted by the road users and that this is in competition with the constantly improving data offers of the mobile phone operators.



Source: Bavarian Street Information System (BAY-SIS)

Locations

Operating kilometre
436.3 / 436.6:
Gelbensee-Ost/-West

Operating kilometre
468.6:
Baarer Weiher-Ost/-West

Operating kilometres
476.9 / 477.1:
Rohrbach-Ottersried-Ost/-West

Operating kilometres
495.9 / 495.6:
Eichfeld / Paunzhauser Feld

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