

PTV AG develops new OMV route planner

OMV Deutschland GmbH

The OMV Fuel Navigator allows users to optimise their routes throughout the whole of Europe, saving time and money, and is now available in 16 languages. The combination of state-of-the-art frontend architecture, the PTV MobilityPlatform and PTV xServers provides an efficient portal with great features, such as truck attribute coverage, Europe-wide toll calculation, or individual user profiles.



The challenge

Companies in the transport business are facing great pressure on costs. At the same time, they are responsible for the safety of drivers and vehicles. So far, OMV has had to use different programs to optimise its route costs and plan the mandatory rest periods: route planning software, price-lists of filling stations, databases for toll calculation, regulations for driving times and rest periods.

The solution

The new OMV Fuel Navigator combines all these functions into one single portal. A route planner which optimises fuel stops is a totally new innovation in the road transport business. It does not only show you the current Diesel prices, but it also calculates the fuel level and road toll and suggests driving times and rest periods. This takes a heavy workload off the transport company. Using modern PTV software, forwarding companies can query routes using several vehicle profiles, e.g. to take clearance heights and loading weights for trucks into account, or calculate the toll

for nearly all European countries. Users can save, load and edit their own vehicle profiles and configurations. The option of checking up-to-date fuel prices was developed especially for OMV. You can also check "historical" price data, e.g. to verify bills. Another new feature is the fuel level calculation. It warns drivers in time of a shortage of fuel and suggests driving times and rest periods in compliance with the European guidelines. Additionally, you can check the opening hours, access routes and equipment of OMV filling stations.



OMV is the leading energy group in the European growth belt with oil and gas reserves. With group sales of EUR 25.54 billion in 2008 and 41,282 employees, the OMV Aktiengesellschaft is one of the largest listed industrial companies in Austria.

The result

The OMV Fuel Navigator contains information on approx. 2,200 petrol stations of the OMV and ROUTEX network. For transport companies, 700 of these stations that are appropriate for trucks are taken into account for route planning.

All relevant information can be saved as a PDF file and forwarded to the driver. Based on the PTV MobilityPlatform, Karlsruhe traffic experts developed a complete, tailored solution for OMV and its customers. The central development platform for map display and route calculation available on the Internet has a modular structure and contains ready made components for the development and integration of mobility-based services. Furthermore, there are cross-platform interfaces to numerous external systems, e.g. for the administration of customer-specific data.

PTV AJAX Servlets allow the integration of fast, interactive maps into the OMV Fuel Navigator website. Users can move

map sections, zoom seamlessly, show POIs or additional information with a single mouse-click - and no waiting time or reloading of the website is required. The OMV Route Planner can be used with any current popular browser – without any extra downloads, installa-

tions, or user licences. After registering at www.omv.de/fuelnavigator, drivers and transport companies can make use of the new tool which has been available since September 2009.

