

Press Release

Precise costs and emissions for uphill driving

map&guide professional: Improved calculation of carbon emissions

Karlsruhe, October 19, 2009. Trucks driving uphill produce a higher amount of pollutant emissions than those going downhill. Therefore, the route planning software map&guide professional now takes altitude data covering all European countries into account. This means that transport costs and emissions can be calculated more precisely.

The new map&guide service pack significantly improves the calculation of pollutant emissions in road transport. The software now includes altitude data for all European countries so that transport operators have access to highly precise information on CO₂ emissions and other pollutants depending on uphill and downhill gradients. Consequently, the software delivers results that are far more precise and meaningful. Moreover, costs (diesel consumption) can be determined more reliably for the pre-calculation of transport services.

The software uses a 50-metre grid for the calculation of gradients, plus the emission values for routes with different longitudinal gradients (in intervals of 0.5 per cent) provided by the HBEFA (Handbook Emission Factors for Road Transport).

The new feature is included in map&guide professional (service pack 2) and is now available from PTV. For more information about map&guide products, visit www.mapandguide.de.

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map&guide professional

With over 50,000 business users, the map&guide professional route planner leads the market in Germany and the Benelux countries. The German Association for Freight Transport, Logistics and Disposal (BGL) recommends the software for planning and invoicing processes. And the German tax offices calculate distances based on map&guide kilometres.

map&guide professional is the first transport route planner which calculates CO₂ and other pollutant emissions. It enables transport operators to offset carbon emissions and to acquire climate certificates.

New features in version 2009:

- ▷ Editable truck routing, e.g. for heavy-load transport
- ▷ Transport data, such as DocStops, truck wash bays, fuel card acceptance points
- ▷ First qualified, route-related calculation of emissions

- ▷ Environmental zone routing
- ▷ Intelligent search for parking spaces
- ▷ Individual toll fees and other additional charges
- ▷ DVV Freight Forwarders Directory data as add-on module
- ▷ Car toll in France

For more information about map&guide products, visit www.mapandguide.de.

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PTV Planung Transport Verkehr AG

The PTV Group provides cutting-edge software technology and consulting to enable customers to meet their mobility needs. It helps people plan and manage traffic and transportation, provides them with the latest traffic reports and assists them in optimising their long-term resource allocation. Since 1979, our independent corporate group has been a leading provider of products and solutions for travel, traffic and transportation planning.

Strong international demand has fuelled dynamic growth: We currently have over 700 employees worldwide crafting innovative solutions for our customers in the public and private sectors. Our Karlsruhe headquarters acts as a development and innovation centre with tight links to research and educational institutions. We additionally maintain shareholdings and subsidiaries in Germany, Europe and every continent in the world.

In the Traffic Software, Transport Consulting and Logistics Software business fields, PTV technology forms the foundation of a host of brand-name products and our own leading map&guide and PTV Vision product lines.

PTV. The transportation experts.