How you benefit from PTV RushHour

PTV RushHour will offer you driving times or expected speeds for the entire road network. The information corresponds to the general traffic flow related to the time of day and the weekday.

PTV RushHour is the optimal tool to be used for navigation and logistics planning systems. Dynamic route recommendations are the most exact source of information regarding the actual traffic conditions. Especially providers of navigation systems will benefit from this substantial improvement.

The logistics industry profits from trip planning adjusted to the expected traffic conditions, resulting in efficient trip schedule suggestions and route recommendations. Optimal route planning entails considerable savings potential in vehicle scheduling.

Increased reliability combined with an attractive cost-benefit ratio turns PTV RushHour into an indispensable tool for navigation systems manufacturers and providers of logistics solutions in transport.

PTV RushHour – your advantages at a glance

- Improved calculation of journey times
- Greater reliability of travel planning
- Intelligent selection of routes
- Even distribution of the traffic flow in terms of time and space
- Increased efficiency for logistics planning systems

By the way, the PTV Intertour software already integrates the expected traffic situation into the trip planning process. Therefore, it is possible to improve the reliability of trip schedules and to increase the number of orders per trip.

PTV Planung Transport Verkehr AG

PTV AG provides software, consulting and research for travel, traffic and transportation planning in the B2B field. For years PTV products such as map&guide for professional trip planning, VISUM for traffic planning and PTV Intertour for distribution planning have been established as European market leaders. Future-oriented concepts and innovative technologies ensure continuous mobility in the business fields Traffic, Mobility and Logistics. Our group-independent enterprise was founded in 1979. With more than 300 employees in the parent company in Karlsruhe and numerous branches and subsidiaries in Germany, Europe and the USA, PTV AG is actively opening up national and international markets.

Any questions? Just contact us!

PTV AG
Stumpfstraße 1
76131 Karlsruhe, Germany
Tel.: +49 721 96 51-415
E-mail: mobility@ptv.de
www.ptvag.com

ptv traffic mobility logistics.

PTV RushHour

Enjoy travelling with realistic journey times

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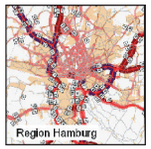
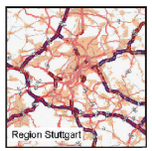
PTV RUSHHOUR

Reliable times of arrival



Navigation or routing systems have become valuable tools for trip planning. Especially professional users benefit from detailed travel information. However, one major aspect is often not included in today's systems, and that is reliable information on the actual time of arrival. This is because travel times are calculated on the basis of speeds predefined for different road categories independent of the time of day and the weekday. As a result, there is often a great difference between the estimated time of arrival (ETA) and the actual time of arrival. The same applies to dynamic navigation: although it takes current traffic news into consideration, it still determines changed journey times on the basis of speeds set for the specific route.

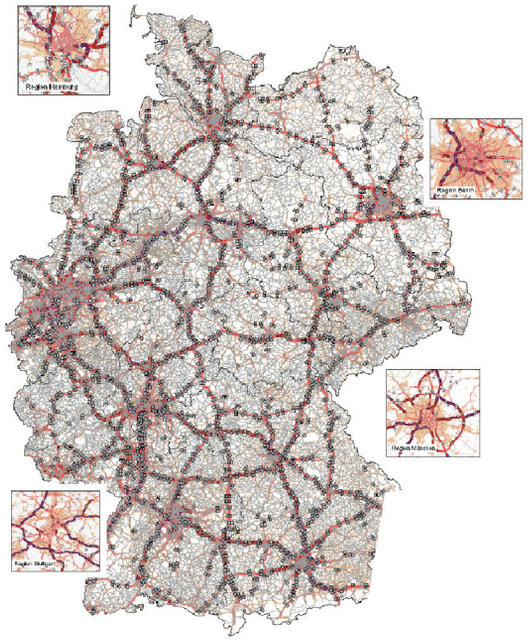
Plan your business and private trips for maximum efficiency



PTV RushHour calculates realistic journey and arrival times by taking the current traffic conditions into account. In particular professional users benefit from this solution. In logistics, for example, dispatching will become a lot more efficient when drivers are able to avoid traffic trouble spots. Additionally, sales representatives will spend more time with the customer and less time in the car. This will also have a very positive impact on the environment, because a routing recommendation which pinpoints trouble spots will offer flexible road users the opportunity to choose a different time of day for their journey. Those who have to meet deadlines are at least able to avoid traffic jams, resulting in a more balanced traffic flow.

A wealth of information for realistic journey times

PTV RushHour combines several ways of collecting information relevant to traffic: measured driving times from many different data sources are completed by adding data from PTV Validate. The world's largest traffic and transportation model identifies traffic volumes with the help of simulation calculations. One of its remarkable features is its size and, in addition, the high level of road network detailing and travel demand modelling. For Germany alone, PTV Validate contains data from over 80,000 market cells which, in turn, are included in about 7,000 traffic cells. It also consists of a detailed navigation network.



Average traffic flow on weekdays.
The darker the route section, the higher the traffic volume .

On the basis of empirically collected data, the system calculates in detail the varying traffic flows over the course of the day. It illustrates to what extent journey times depend on external influences such as structural data and travel behaviour patterns (commuter data, purpose of travel etc.). The traffic volume data thus allows a conclusion to be drawn about the required journey times.

Journey times for the European road network

Historical and measuring data collected by detectors, FCD as well as traffic information analyses complete the PTV Validate data stock. As a result, it is possible to identify driving times taking account of the weekday, the time of day or holidays and weather forecasts. In this way, valuable travel data can be generated for further use in navigation solutions.

Regular driving times depend on the traffic volume which correlates with the use of the road network in terms of time and space. PTV RushHour allows driving times to be calculated dependent on the time of departure, e.g. it is possible to compare the difference in journey time when leaving at 5.00 a.m. or 8.00 a.m.

The travel times are calculated for the whole of Germany and can be used for navigation purposes and for travel forecasts. If network capacities change, the scheduled journey time will be adjusted accordingly. Another plus factor for navigation and route planning!