

## PTV Group

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, the 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: PTV currently has over 700 employees worldwide crafting innovative solutions for our customers.

The Karlsruhe headquarters acts as a development and innovation centre with tight links to research and educational institutions. Additionally PTV maintains shareholdings and subsidiaries in Germany, Europe and every continent in the world.

In the Traffic Software, Traffic 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

## Your advantages at a glance

- ▶ **Save transport costs and delivery time**  
PTV Intertour makes your transportation planning more efficient. It makes the planner's daily work easier: planning time is saved and routine work is reduced.
- ▶ **Benefit from clear cost analyses**  
PTV Intertour calculates the entire trip costs and proportionally assigns them to each destination. Vehicle dispatching, trip scheduling and vehicle fleet structures become transparent.
- ▶ **Profit from technology decision support:** With PTV Intertour you can analyse customer structures, organise territories and perform simulation calculations, thus providing a useful decision support tool.
- ▶ **Enjoy flexible planning**  
Trip scheduling can be modified, either automatically or manually. You are immediately informed about the trip duration and the mileage.
- ▶ **Improve your service efficiency**  
The system takes all delivery restrictions into account resulting in an improved delivery service and satisfied customers.
- ▶ **Evaluate transport tasks**  
A major advantage for you as logistics service provider is that the software enables you to compare the freight costs. This means that improved quotes can be submitted.

### Innovative logistics solutions:

#### Operational planning

**PTV Intertour:** for professional planning of trips, transports as well as vehicle dispatching for collection and distribution traffic

**PTV Intertour/Dispatch:** order management, manual assignment of orders to trips, vehicle dispatching

**PTV Intertour/Compact:** depot-related vehicle routing and scheduling for smaller vehicle fleets

#### Strategic planning

**PTV Intertour/Strategy:** Strategic planning of trips for regularly occurring deliveries

#### Add-on modules

**PTV Intertour/Cargo:** freight billing, comparing external forwarders/internal fleet

#### Integration and extension

**Use PTV LogisticsPlatform to integrate PTV Intertour** into your processes and your system environment. To create a trip planning solution tailored to fit your needs you can add different modules covering steps before and after the actual route scheduling process: from manual order entry to address geocoding, address management and the issue of credit notes.

#### Connectivity to third-party system

**ERP (e.g. SAP R/3):** Connection modules for data exchange with SAP/R3

# PTV Intertour

Innovative trip and transportation planning



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# PTV Intertour: Innovative trip and transportation planning



**The vital task in today's logistics business is a cost-efficient operation. Therefore, transports have to be optimised and dead-heads have to be reduced.**

PTV Intertour, the interactive trip planning system, is a professional tool which supports logistics managers, fleet operators or planners in their day-to-day business.

The software is designed for operational and strategic planning of collection and distribution services. Moreover, deadheads can be reduced due to efficient vehicle scheduling with partial or complete freight transports.

## Flexible planning

PTV Intertour provides cost-efficient trip management by optimally assigning the orders to the trips. All relevant restrictions are automatically taken into account such as

- ▶ Customers' time limits
- ▶ Depot opening hours
- ▶ Vehicle capacities, service hours, vehicle equipment
- ▶ Load restrictions
- ▶ Basic trip or area assignments

PTV Intertour's core component is the optimising function which immediately calculates the trips according to your individual requirements.

Experience cannot be replaced by bits and bytes

PTV Intertour was created by practised developers for practical applications focussing on the planner's requirements. He can select between automatic and manual planning. All automatically generated results can be edited individually.

The system simplifies day-to-day planning. It easily manages even complex trip planning tasks thus providing additional time required for unexpected modifications.

## A clear user interface for a clear overview

Thanks to the clear graphic map display the planner always has a clear overview – even with complex trip structures. Map elements, lists and print formats can be individually modified. Trips are easily re-scheduled by selecting the map or the list via drag&drop.

## Simulation: What happens if ...?

What happens if you expand your delivery districts or your range of products? Are you uncertain about your fleet still fitting with your customer structure? Then simply simulate new strategic scenarios with PTV Intertour and see the impacts by return.

## Convenient linking

PTV Intertour is integrated into your existing system environment, allowing a straightforward electronic data flow. Interfaces for order management ensure smooth planning.

### PTV Intertour – the favourite system for forwarding agencies and logistics companies

- ▶ Daily operational trip planning with varying amounts and changing stop-off points
- ▶ Precombined trip optimisation
- ▶ Planning of tolling scenarios, toll calculations
- ▶ Transport planning for the whole of Europe
- ▶ Multi-depot planning
- ▶ Planning of combined consolidated and distribution services
- ▶ Multi-level planning with subdepot trips
- ▶ Re-assignment planning of vehicles
- ▶ Route planning to support drivers when new trips are scheduled
- ▶ Optimising partial and return loads
- ▶ Realistic calculation of driving times and rest periods for easier compliance with new worker health restrictions