

# PTV SmarTour

The new generation of trip optimisation



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*80% of the work is done by the software.  
The quality of the information that we  
have on this system during planning is  
incredibly high. As a result, the employee  
can make considerably better decisions.*

**WEIGHT**  
**PRECOMBINED TRIP PLANNING**  
**ECONOMIES**  
**SCHEDULING**  
**DRIVING AND BREAK TIMES**  
**TOLL CALCULATION**  
**PLANNING**      **DELIVERY CONDITIONS**  
**INFORMATION**  
**VEHICLE FLEET**      **ORDERS**  
**PTV SMARTOUR**  
**TRUCK AND HAZARDOUS GOODS DATA**  
**BRANCHES**      **TRANSPORTATION**  
**TRIP OPTIMISATION**  
**COMPLETE LOAD TRANSPORTATION**  
**QUANTITY**      **VISUALIZATION**  
**WAREHOUSE OPENING HOURS**  
**DEPOT**

In a nutshell:

# What are the benefits of software-based trip planning?

## 1. Save costs through higher efficiency

Using automatic planning you can improve the workload balance of your resources, such as drivers, vehicles and trailers, since your trips are optimised regarding sequence, number, duration and length. Even for smaller fleets, you can achieve cost savings of 7 to 15 % with software-based planning.

Save costs



## 2. Better customer service through quick and reliable planning

Manual trip planning can easily take up to several hours. With PTV SmarTour, this is normally done within a few minutes. You can use the time saved during planning to start earlier with order picking and loading. This allows to, e.g., reduce the number of late, night or morning shifts. And you can also improve your customer service through early planning, which e.g. enables shorter delivery times.

Quick planning



## 3. Ease scheduling workload through automatic trip planning

PTV SmarTour provides all important information at a glance. Tasks you have been performing manually are now completed automatically and in a standardised manner. Thus, fewer errors creep in and you obtain better results. You can now easily make changes to transport jobs, vehicles or customer's orders, as you always have all data available and can preview the impact.

Ease scheduling



## 4. Support in planning according to regulations

Trip planning does not only mean optimum deployment of resources. It includes reconciling regulations and social obligations. With PTV SmarTour this will now become a lot easier. Since for driver deployment, you can also consider individual driver agreements, besides driving times and rest periods.

Observe rest time



## 5. Significant reports at a glance

Use PTV SmarTour to find further savings or optimisation potentials. Your new planning tool will provide you with exactly the data you need to evaluate your logistics processes. PTV SmarTour allows you to calculate:

- ▶ CO<sub>2</sub> and other emissions
- ▶ Toll costs
- ▶ Transport or vehicle costs per stop and trip
- ▶ Empty trips (to or from depot)
- ▶ Kilometres driven per stop and trip

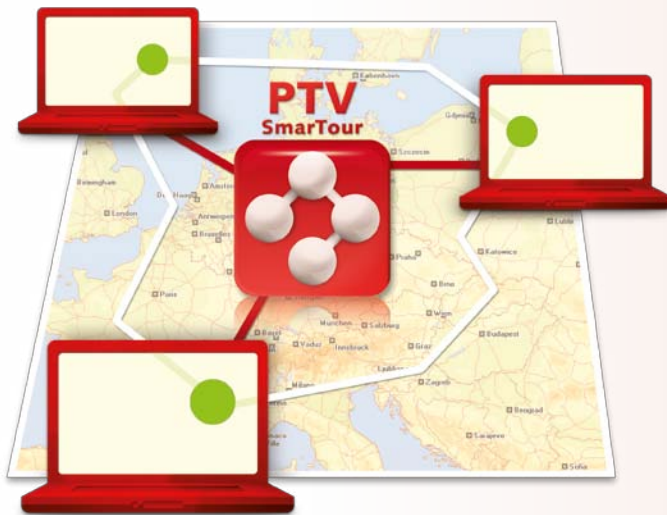
Figures at a glance



Optimum results!

## With PTV SmarTour.

PTV SmarTour automatically plans your orders to optimum trips and includes all restrictions which are relevant for you and your customers. This makes the software as individual as you are and it can be customised to your workflow requirements, system environment and complex planning tasks. Many important functions in PTV SmarTour support you in your day to day planning tasks. Take advantage of our know-how:



### Multi-users. Different locations – one database.

Do you wish to use your trip planning software at several workstations, but all users should access the same data? Right. Several employees will need access to all task fields, but only some will have planning rights? Perfect. PTV SmarTour is just what you need.

#### ► And what's it good for?

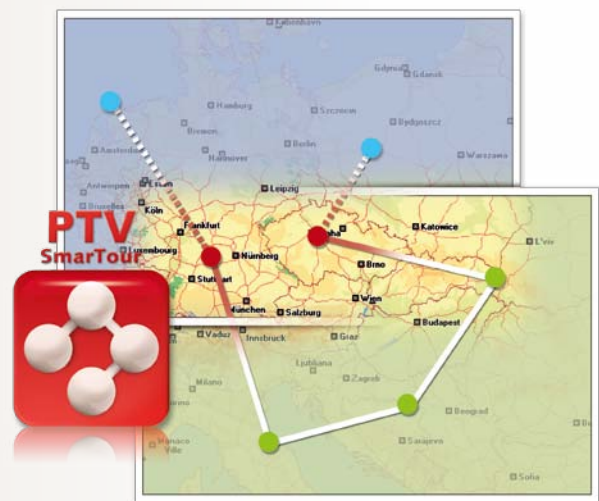
For example two or more dispatchers can share a planning area. This means orders from both employees are planned to the same resources (e.g. drivers and vehicles).

### Planning with mixed vehicle types in one software.

You plan depot-based transports as round trip. Then you will also have long-distance transports, i.e. ones without depots, to coordinate. Wouldn't it be better to display these transports in one mutual plan? No problem for PTV SmarTour.

#### ► Need an example?

With the help of PTV SmarTour a scheduler can plan a combination of local and long-distance trips.



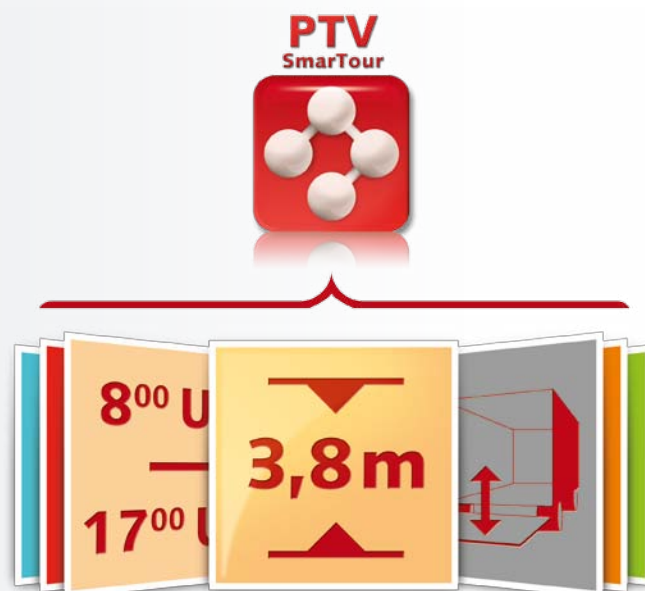
## Integrated data supply. With all information relevant to transport.

Differing opening hours of incoming goods departments.  
Limited clearance on customers' sites. Tail lift required.  
Your system can't display all this? Then simply store this information in PTV SmarTour.

### ▶ A practical example:

Opening hours Mon. 04:00-12:00 and 14:00-18:00,  
Tues.-Thurs. 7:00-16:00, Fri. 7:00-12:00.

Storing this data in SmarTour is no problem, so you can profit from automatic trip planning.



## CO<sub>2</sub> calculation. Lay the foundation today for one of tomorrow's priorities.



The keyword here is „Green Logistics“. Calculate pollutant emissions, transfer the data to other systems and continue editing them there. So there's nothing to get in the way of emission offsetting.

### ▶ And what for?

For example as proof on an invoice or delivery note. Use this emissions data as the basis of offsetting and you can set yourself apart from the rest with one of tomorrow's priorities today.

## An overview of PTV SmarTour's functions:

- ▶ Planning combined multi-drop transports
- ▶ Precombined trip planning and multi-depot planning
- ▶ Assignment of orders to one or more task fields
- ▶ Daily trip planning for varying quantities and delivery points
- ▶ Calculation of transport costs, toll charges and CO<sub>2</sub> emissions
- ▶ Single user solution or multi-user system
- ▶ Multi-day trip planning
- ▶ Integrated data supply
- ▶ Order grouping
- ▶ Planning with subdepot trips
- ▶ Different vehicle profiles
- ▶ Suggestion functions

What can we do for you?

# PTV SmarTour Live.

The number of 800 customers speaks for itself. Would you also like to experience how PTV SmarTour can support you in your trip planning?

## Easily discover the benefits during an online demo



How about an approx. 15 minute online demonstration you can follow on your monitor? Simply arrange a date and time with your PTV consultant. When she/he calls you back, you can watch PTV SmarTour via a web conference on our employee's monitor. If you wish to, you can also use the remote to try out PTV SmarTour yourself. The whole demonstration does not require any preparation or installation on your part - all you need are a phone and the Internet. Now all you have to do is arrange a time, using our contact form.

**Telephone:** +49 721 9651 8199 **E-Mail:** [smartour@ptv.de](mailto:smartour@ptv.de)

## Quick Check – Let facts and figures speak

Use Quick Check to effortlessly find out how to optimise the number of your trips, vehicle deployments, trip lengths and duration. Our consultants will then analyse your current situation for you and use this data for planning in PTV SmarTour. After approximately two weeks, you will receive a presentation with the results, showing you your optimisation potentials. Take the first step towards optimisation and ask for a Quick Check!

### Quick Check



*So far*



*PTV SmarTour*



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## PTV AG

As market leader in trip planning software, PTV AG provides of 30 years of experience. We have a great understanding of the requirements and restrictions placed on transport planning and optimisation - and provide successful software solutions for them. To keep it this way in the future we are constantly

searching for new developments: in both national and inter-national research projects we design new technologies to include future tasks at an early stage, for example in transportation planning environmental protection, in our branch solutions.

## References

Numerous renowned customers from the manufacturing field, retail market and transport logistics trust PTV products. An excerpt:

ALNO	GC-Gruppe	REWE
Antalis Deutschland	LOTTER	Rhenus-Gruppe
BIEBER + MARBURG	Homann	Rockwool International
BILLA	Hubauer (Paulanerguppe)	RWE
Bonami Foodservice	Igefa Gruppe Deutschland	Samskip
Budni	Joseph Dresselhaus	Sanacorp Pharmahandel
BUTAGAZ	Kirschnick	Schwarzbräu
Coop Schweiz	Klöpferholz	tabacon
C+C Schaper	KOINOR Polstermöbel	Tchibo
CWS-boco	Konrad Kleiner	Teutofracht Spedition
Daimler	K+P Logistik	Thiele & Fendel
DHL	Kühne + Nagel	TROST AUTO SERVICE TECHNIK
Eisen-Pfeiffer	Lekkerland	URSA Deutschland
Enno Roggemann	logismo Möbellogistik	Viessmann
Erfal	Merk Textil-Mietdienste	VGL Großverbraucherdienst Südwest
Floragard	Nestlé Schöller	Volkswagen Transport
Fresenius Netcare	nobilia	VS Vereinigte Spezialmöbelfabriken
Frey & Kissel	Okle	WSN Sicherheit und Service
Friedhelm Schaffrath	Oswald Kölling	XXXLutz

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▶ Logistics Software  
Transport Consulting

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Optimising trips.  
Lowering transportation costs.  
Levelling fleet utilisation.  
Planning delivery areas.

**With software and consultation from PTV.  
Contact us!**