PRODUCT INFORMATION

TISWARE SOFTWARE

PTV Navigator

On the following pages you will find detailed manufacturer information about this product from our TISWARE hardware and software portfolio.

If you need more information, please contact us!

If you have any questions about or are interested in this or other products from our portfolio, please contact our sales team. Our colleagues are happy to help.

Phone: **+49 2871 2722-0** E-mail: **contact@tis-gmbh.com**

Other products from the TIS GmbH portfolio

TISLOG TELEMATICS SOFTWARE

TISLOG logistics and transport software provides powerful and flexible solutions for mobile order management, capable of exactly what you need for the individual work processes of your business.

www.tislog.com

TISWARE HARD- AND SOFTWARE

From the compact entry-level model to the multi-functional high-end device: At TIS you will find powerful mobile data terminals and robust scanners - state of the art technology and ideal for use of the TISLOG solution.

www.tisware.com

TISPLUS HARDWARE ACCESSORIES

TISPLUS - Clever accessories for ergonomic handling on the go and in the warehouse. und im Lager. Development, design and production of our TISPLUS products take place at 100% in Germany.

www.tisplus.com

BACKGROUND TIS GMBH

The TIS GmbH, based in Bocholt is one of the market leaders for sophisticated telematics projects. TIS stands for "Technical Information Systems". Since 1985 the company develops intelligent telematics solutions for freight forwarders, transport and logistics companies and retail chains. Currently, more than 50 employees work for TIS. The latest generation of products are the platform-independent software solutions under the brand name TISLOG Logistics & Mobility. Together with the powerful hardware of renowned partners and the in-house developed hardware accessories TISLOG builds the optimal solution for companies looking for professional telematics solutions.

More information on the TIS Gmbh and our portfolio of software, hardware and accessories on

www.tis-gmbh.com

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PTV NAVIGATOR

the mind of movement

PROFESSIONAL NAVIGATION SOLUTIONS FOR TRUCKS AND FLEETS

ARE THERE TOOLS THAT CAN GET YOU THROUGH ANYTHING?

Narrow roads, low bridges, no opportunities to turn around – a lot of roads are not made for freight traffic. But does your navigation device know that?

From the start, PTV Navigator will only guide your drivers on routes that are suited and permissible for their vehicle type. This means cost efficiency, safe planning and less stress for the driver. Rely on software that has been especially designed for professional fleet management that is scalable and configurable. PTV Navigator has been developed for professional users: the software can be used on standard mobile end devices, either as a "stand-alone" solution for every employee or integrated into existing company solutions for fleet or customer management.

	PTV Navigator truck	PTV Navigator fleet	PTV Navigator components
Description	The indispensable navigation solution for HGVs.	Optimum navigation for car or transporter fleets	Component-based SDK for integration with maximum individual adaptability
Truck restrictions and warnings	✓	✗	✓
Truck routing	✓	✓	✓
Truck parking information	✓	✓	✓
Live Traffic	✓	✓	✓
API	✓	✓	✓
For Windows® *	✓	✓	✓
For Android™	✓	✓	✓

* Windows® Mobile, Windows® CE, Windows® Desktop

HIGHLIGHTS

TRUCK RESTRICTIONS

Configure your vehicle's profile (dimensions, weight, maximum axle load) and automatically take into account all limitations for your vehicle type like road restrictions, tunnel restriction codes for hazardous goods, unsuitable route sections, e.g. with restrictions for water-polluting and explosive goods as well as roads closed to trailers.

TRUCK ROUTING

PTV Navigator always guides you on the most efficient routes for your type of vehicle: Avoid residential areas and narrow roads, pedestrian zones and unsuitable turning manoeuvres. Allow the access of pedestrian zones, closed streets, restricted and private areas like factory premises on the last mile.

TRUCK PARKING INFORMATION

Benefit from Europe's biggest Truck Parking Community: PTV Navigator shows you the next parking possibilities close to your location. About 15,000 truck parks along European roads and more than 27,000 insider tips like industrial areas help you to drive and rest according to legal regulations.

LIVE TRAFFIC INFORMATION

Always be informed about the current traffic situation: in case of traffic jams you can re-calculate the route and choose to avoid traffic jams. Your estimated time of arrival (ETA) is always up-to-date and gives you the possibility to react to delays immediately. You always have full control of how you are being routed.

EASY, COMFORTABLE NAVIGATION

- **Autozoom:** stay focused on the right map section and keep track of your route
- **Tunnel extrapolation:** safe navigation, even in tunnels
- **Signposts and junction views:** realistic signposts and junction views
- **Text2Speech:** reads out turning instructions, road names, signs and traffic reports (available in 16 languages)
- **Map data (**available in 19 languages)

API

Includes extensive programming interface for process integration. Connect your navigation device with the backend system and

- import scheduled multi stop routes.
- start and stop mobile navigation.
- retrieve GPS position.
- geocode
- get navigation events
- etc.

TRANSFER OF OPTIMISED ROUTES

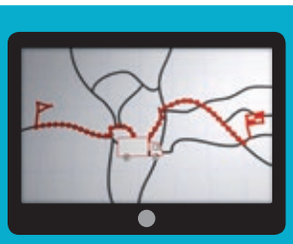
Transfer centrally planned routes (e.g. through PTV Map&Guide, PTV Smartour, PTV xServer or another system) via BCR-files to a mobile device. With this you make sure that

- multiple stopovers are visited in the best sequence.
- the optimum sequence of route stations is followed exactly.
- distance estimates and driving times are realistic.
- toll and emission calculations are correct.

Guided Navigation routes can also contain route elements that are not part of the navigation map.

Watch our video

http://www.youtube.com/watch?v=9YSq6gWhQdc



LIVE TRAFFIC

Always keep updated about current traffic conditions on your way while maintaining control of the navigated route.

YOUR ADVANTAGES

- Display of road works, traffic jams and blocked roads
- Consideration of traffic situation for route planning, if desired
- With the appearance of new traffic incidents the route can be re-calculated
- Improved and constantly updated Estimated Time of Arrival (ETA)
- Timeline for convenient overview of traffic disturbances and delays on the way
- Permanent display of the anticipated delay
- Road segments with traffic incidents are displayed in different colours. Additionally to the colour of the road, also the colour of the road edges change. If the traffic incidents affect your route, the edge will turn to purple, while road segments off your route have white edges

Minimal delays

Off the route On the route

Medium delays

Off the route On the route

Major delays

Off the route On the route

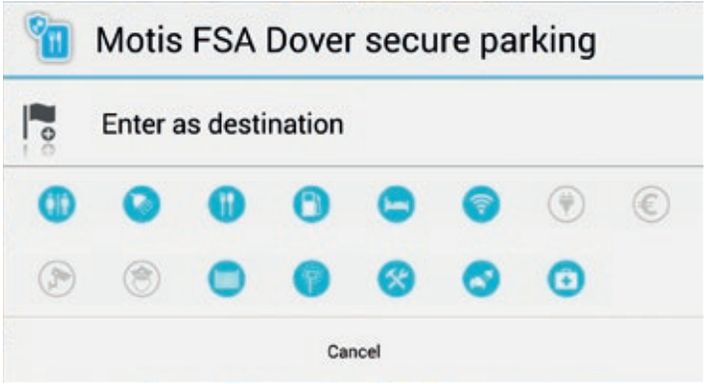
Road blocked

Off the route On the route

TRUCK PARKING

Always find the nearest and most suitable truck parking space along your route. When activated the next stopovers are displayed on the screen and drop in sequentially as you drive on.

Clicking on a concrete parking space opens a window with additional information. If the parking provides the desired features you can navigate there just by clicking "Enter as destination".



Truck parking information is stored directly on the device so no online connection is required. So far, PTV Navigator gives you access to more than 15,000 truck parks and 27,000 industrial areas along the routes throughout Europe. PTV therefore integrates the data of the leading and rapidly growing trucker community App "Truck Parking Europe". You can definitely expect more truck parks and insider tips with forthcoming updates.

TRANSFER OF OPTIMISED ROUTES FROM CENTRAL PLANNING SYSTEMS

Export your routes from PTV Map&Guide, PTV xServer or PTV Smartour and send them via e-mail directly to your driver's mobile Android device.

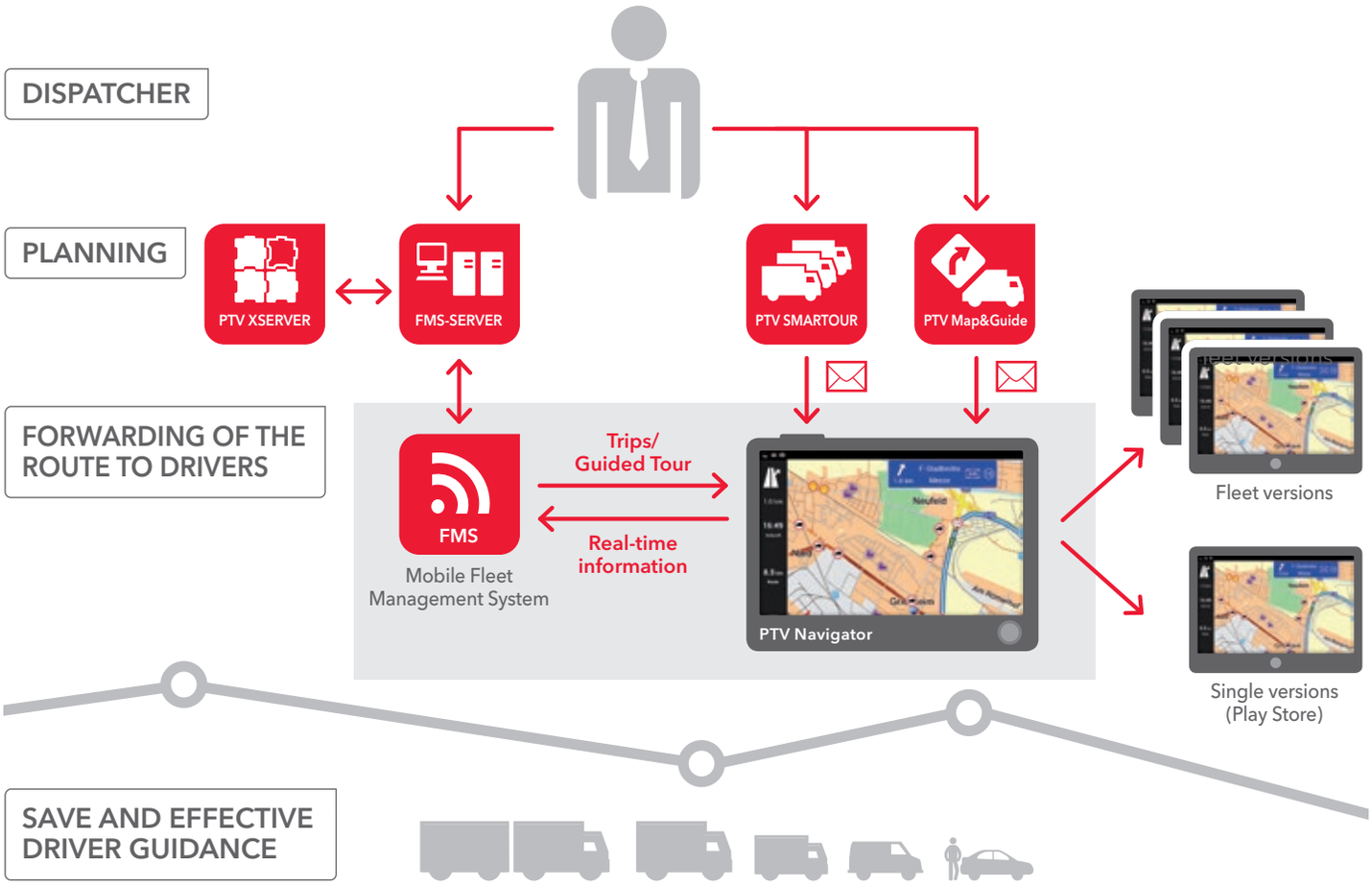
HOW IT WORKS

1. Calculate your route with all required stops in your system
2. Export the route as a BCR-file or Guided BCR-file
3. Send this file to your driver's e-mail account
4. Driver saves or opens the attached BCR-file. When opened, PTV Navigator loads the route automatically and starts the navigation.

YOUR ADVANTAGES

- The optimal sequence of stops is being transferred directly to the driver's smart device
- Driver can start his route immediately
- Driver sees only the route and navigation to his next stop
- PTV Navigator will lead him on the optimal route for his

PLANNING AND EXECUTION WITH PTV NAVIGATOR



MAKE IT EVEN MORE PRECISE

With Guided Navigation you can transmit not only the optimal sequence of stopovers to your drivers but also the exact route. In this case PTV Navigator does not calculate the route between two stops itself but takes over the exact route from your central planning tool. With this you make sure that the centrally planned route fits the route that is actually driven incl. appending calculations like fuel costs, driving time, emissions, etc.

EASY DEPLOYMENT FOR PARTNERS, RESELLERS AND FLEET OWNERS

License management has never been easier!

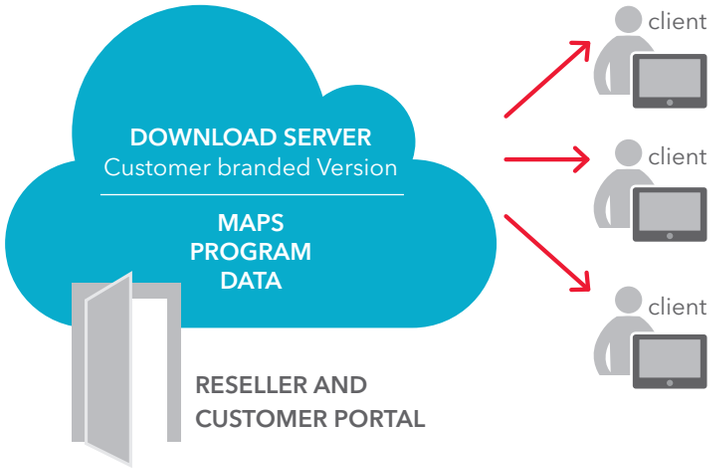
HOW IT WORKS

We put enormous effort into facilitating the work with our Android version for you and designed the administration of licenses as easy and simple as possible:

- Your personally adapted version with full range of functionality is located on the PTV Download Server (DLS). With this you can provide your customers with full or individually restricted versions of PTV Navigator for Android.
- PTV Navigator and associated data and maps can be pre-installed for whole fleets or downloaded directly with the mobile device via Wi-Fi.
- More features can easily be licensed afterwards.

YOUR ADVANTAGES

- Central administration
- Roll out updates remotely
- License check
- Pooling of licenses
- Access control permissions



RESELLER AND CUSTOMER PORTAL

- A new portal enables reseller and fleet owners to manage their licenses themselves.
- Licenses on customer's devices can be managed, e.g. when a device is broken, lost or returned.
- Overview and control over how many licenses are active and managing of permissions, e.g. when one license is running on various devices.

PTV NAVIGATOR

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WHERE CAN YOU GET IT:

- **For company licenses** please contact your local sales representative directly or via navigator.ptvgroup.com
- You can get **Single Android versions** at Google Playstore. **Test now for 14 days for free!**

ANDROID APP ON Google play

PTV Navigator truck

PTV Navigator fleet

A SELECTION OF OUR SATISFIED CUSTOMERS:

Astrata

B+K Bittner+Krull Softwaresysteme GmbH

EXAPAQ

GEODIS

IER

initions INNOVATIVE IT SOLUTIONS

YELLOWFOX FAHRZEUGORTUNG ONLINE

MAP+TRACE

MAXIMO

mO mobileObjects AG

PROMETHEUS INFORMATICS

QITS

SPEDION information logistics

SWISSPHONE

VERTRAUEN DURCH QUALITÄT VDQ BUSINESS SOLUTIONS

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