

PTV NAVIGATOR 7.5 TRUCK

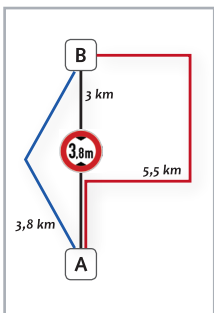
TRUCK NAVIGATION:

SAVE TIME AND MONEY!

PTV Navigator 7.5 truck is professional software for truck navigation devices. In addition to the standard features of car navigation software, PTV Navigator 7.5 truck calculates truck-specific routes, taking into account truck attributes such as clearance heights or truck blocks, avoids local detours and provides warnings near dangerous zones. This saves time and money.



TRUCK RESTRICTIONS, DANGER WARNINGS, ADDITIONAL INFORMATION



The truck-specific attributes of the PTV Navigator truck are stored in the map data:

- ▶ General road closures with regard to truck specific restrictions such as

- ▶ weight, axle load, vehicle length, vehicle clearance heights and widths
- ▶ Roads closed for hazardous goods, water-pollutants and explosive substances as well as for trailers (dependent on map data)
- ▶ The truck's vehicle profile (height, width, weight, axle load, hazardous goods, etc.) can be set on the end device at any time. In this way the navigation system always takes the

relevant road closures or other information (e.g. empty runs or full loads) into account.

- ▶ Danger warnings before sharp turns, steep inclines, uneven roads or side winds (dependent on map data).
- ▶ ADR restriction codes (A E) are displayed on the map for tunnels.
- ▶ Avoidance of tunnels with ADR restriction codes during navigation
- ▶ Display of low-emission zones
- ▶ Display of roll-on/roll-off terminals and RoLa ("rolling road") terminals
- ▶ **New:** truck-resident restrictions can be optionally included in navigation.

TRUCK-SPECIFIC ROUTING

- ▶ PTV Navigator truck avoids unsuitable secondary roads.
- ▶ PTV Navigator truck route planning automatically avoids residential areas. The truck enters the residential area at the very last moment before reaching its destination.
- ▶ The driver decides the extent to which narrow side roads and driving through cities is avoided. Different routing profiles can be selected for this purpose.
- ▶ Turning manoeuvres on roads with roadways that are not separated can be avoided.
- ▶ **New:** PTV Navigator truck is able to recognise when the destination and start addresses are located in areas of blocked access, e.g. pedestrian zones or factory grounds.
- ▶ **New:** in this situation, routing to the destination has been further optimised.

In areas of blocked access, the routes are also recalculated in the event of a deviation.

BASIC FUNCTIONS

- ▶ Precise visual cues and spoken instructions
- ▶ Text2Speech as standard for CarPC
- ▶ 2D and 3D navigation using clear, intuitive maps
- ▶ Proven professional routing and navigation
- ▶ Extrapolated positioning in tunnels
- ▶ Dynamic navigation: the latest TMC tailback information is received on a TMC receiver free of charge and used to update the route while on the road.
- ▶ PTV Navigator truck supports the following languages: German, English, French, Dutch, Italian, Spanish, Portuguese, Danish, Norwegian, Swedish, Polish, Czech, Slovak, Slovenian, Hungarian, Romanian, Turkish, Russian, Bulgarian
- ▶ Auto Smartzoom provides optimum map information when approaching manoeuvres
- ▶ Incorporates directional information on highway signs
- ▶ Switches automatically between day and night views
- ▶ Speed limit warnings in many countries
- ▶ Entry of coordinates
- ▶ Numbered motorway exits
- ▶ Realistic motorway signs and junction views
- ▶ **New:** cost-saving potential with the "avoid toll" setting

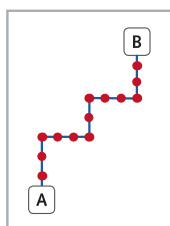
- ▶ **New:** due to the intelligent self-learning mode (ETA), time is calculated on the basis of individual driving behaviour, resulting in a more accurate calculation of the time of arrival.
- ▶ **New:** route planning with approximate stop-off points (fuzzy via)

CONNECTED NAVIGATION

The planner can control the navigation of a truck from his desk: Order data (RC interface) and interfaces in C and C# (RI interface) enable communication between PTV Navigator truck and the control centre. These functions are used to:

- ▶ send the addresses of one or more stop-off points to the navigation system from the control centre.
- ▶ retrieve GPS positions from the navigation system and share them with third-party applications
- ▶ start and stop mobile navigation
- ▶ transfer messages to the navigation system to be posted on the display.
- ▶ **New:** announcement of navigation instructions in off-road mode
- ▶ **New:** announcement of texts with Text2Speech

GUIDED NAVIGATION



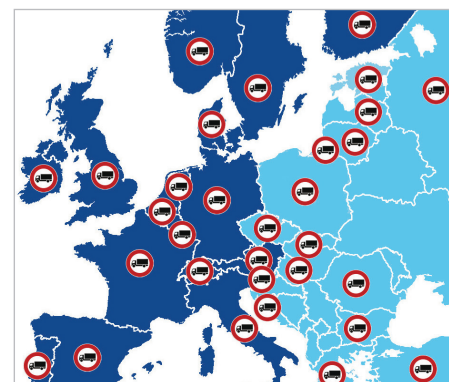
Transfer of complete routes from the control software at the control centre (e.g. PTV Map&Guide) to the navigation device in the vehicle.

This guarantees that

- ▶ the optimum route calculated by the PC is followed exactly.
- ▶ kilometre estimates and the actual kilometres driven are similar.
- ▶ toll calculations are correct.
- ▶ underlying emissions calculations are realistic.
- ▶ the vehicle is also navigated correctly on routes off the public road network.
- ▶ transfer of off-road routes (roads not featuring on maps) if destinations are located on private roads, for example.
- ▶ **New:** display of other vehicles (buddies) with geofencing alerts
- ▶ **New:** only a few tags are sufficient to influence the routes.

AVAILABLE MAPS

- ▶ DACH City (Germany, Switzerland, Austria, Liechtenstein)
- ▶ Europe map package
- ▶ Arab countries city map package
- ▶ More available upon request.



- Available road detail:**
- Detailed network (complete coverage)
 - Major roads and better
- Available truck attributes:**
- ⊗ Countries with truck attributes (NAVTEQ and TomTom in total)

PLATFORMS

PTV Navigator 7.5 is available for **different operating systems**

- ▶ Windows CE 5.6
- ▶ Windows Mobile
- ▶ Windows 32
- ▶ More available upon request

ANDROID see own factsheet

SYSTEM REQUIREMENTS

FREE MAIN MEMORY
56 MB (800x600 + TMC + TTS)

FREIER SPEICHER LMA
(Windows Mobile, Europe NT + POI) 224 MB