

PTV Truck Navigator 6.5

Truck navigation: Save time and money!

The professional navigation tool especially for trucks calculates truck-specific routes right from the start, includes truck attributes such as thoroughfare height or truck blocks and provides warnings near dangerous zones. This saves time and money because optimum routes are calculated and local detours can be avoided.



Truck restrictions, danger warnings, additional information

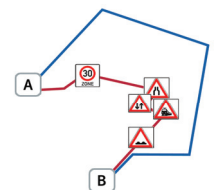
The PTV Truck Navigator route planning has been optimised for trucks. It includes special so-called truck attributes which are stored within the map data:

- ▶ Roads closed to trucks
- ▶ Restrictions such as weight, axle load, vehicle length, vehicle clearance heights and widths
- ▶ Restrictions for hazardous goods, water-pollutants and explosive substances as well as roads closed to trailers (dependent on map)
- ▶ Users can configure the truck's vehicle profile (height, width, weight, axle load, hazardous goods etc.) on a mobile device at any time. In this way the navigation always takes the relevant road closures or other information (e.g. empty or loaded runs) into account.
- ▶ Danger warnings before sharp turns, steep inclines, uneven roads or side winds (dependent on map).
- ▶ **New:** ADR restriction codes (A-E) are displayed on the map for tunnels.
- ▶ **New:** Avoidance of tunnels with ADR restriction codes during navigation
- ▶ **New:** Display of low-emission zones
- ▶ **New:** Display of roll-on/roll-off terminals and RoLa ("rolling road") terminals

Truck-specific routing

Normal navigation systems are designed for cars; truck drivers have different requirements which are included in PTV Truck Navigator right from the start of navigation:

- ▶ PTV Truck Navigator avoids unsuitable secondary roads.
- ▶ The PTV Truck Navigator 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 unsuitable roads are avoided.
- ▶ PTV Truck Navigator is able to recognise when destination and start addresses lie in areas of blocked access, e.g. pedestrian zones or factory grounds. In these cases you are also safely guided to your destination.



Connected navigation

The planner can manage the navigation from the control system: order files (RC interface) and interfaces in C and C# (RI interface) enable communication between PTV Truck Navigator and a second software, which creates the communication to the control centre. These functions are used to:

- ▶ send stop-off points as address from the control centre to the navigation
- ▶ request GPS positions from the navigation and make them available to third-party applications
- ▶ start and stop mobile navigation

- ▶ transfer and display messages to the navigation
- ▶ Guided navigation: Transfer of entire route navigation
- ▶ **New:** Off-road routes (independent of road network shown on map) can be transferred, for example for destinations away from roads.
- ▶ Show other vehicles (buddies) via interface

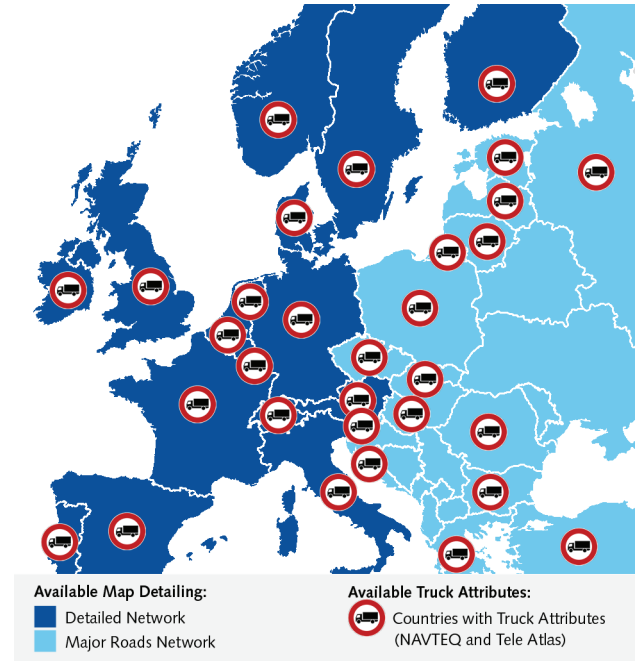
Basic functions

- ▶ Precise visual cues and spoken instructions
- ▶ 2D and 3D navigation using clear, intuitive maps
- ▶ Proven professional routing and navigation
- ▶ Extrapolated positioning in tunnels
- ▶ Dynamic navigation: The latest TMC information is received on a TMC receiver free of charge and used to update the route while on the road.
- ▶ PTV Truck Navigator supports the following languages: Bulgarian, Czech, Danish, Dutch, English, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish
- ▶ Auto Smartzoom enlarges map view when approaching manoeuvres
- ▶ Direction information on motorway signs
- ▶ Automatically switches between day and night view
- ▶ Speed warning limits also for trucks in many countries
- ▶ Text2Speech as standard for CarPC
- ▶ Entry of coordinates
- ▶ Numbered motorway exits
- ▶ Realistic motorway signs and junction views



Available maps

- ▶ DACH City (Germany, Switzerland, Austria, Liechtenstein)
- ▶ Map package Europe
- ▶ More available upon request



Platforms

PTV Truck Navigator is provided for various platforms:

CarPC / Notebook (Win32 Systems): Truck Navigator PC / Notebook Edition

Windows Mobile: Truck Navigator mobile edition

Versions for **industry platforms based on Windows CE**, for example PSION Workabout pro, Höft&Wessel skeye.pad or Symbol MC 70 are available upon request.

Supported operating systems

- ▶ Microsoft Windows Mobile 2003 for Pocket PC (incl. second edition)
- ▶ Microsoft Windows Mobile 5, 6 (incl. Phone-Edition)
- ▶ Microsoft Windows CE, 5.x, 6.x
- ▶ Microsoft Windows 2000, Windows XP, Windows Vista, Windows 7
- ▶ More available upon request