



# map&guide truck navigator 2010

## Truck navigation: Save time and money!

Take the best routes for trucks and get to your customers safely and on time: Professional navigation is now available especially for trucks. It can do everything that navigation solutions are expected to do – and it even takes trucks' extra requirements into account: Bridge heights and capacities, vehicle clearance heights and truck restrictions. A route created especially for trucks saves time and money right from the start, because it is specifically calculated for trucks and local detours can be avoided.



- 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.
- The navigation 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.

### Quickly and efficiently at your destination

#### Considers closed roads, restrictions and hazardous goods.

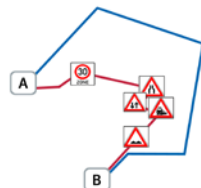
The map&guide truck navigator route planning has been optimised for trucks. It takes particular attributes into account, which are stored in the map material:

- 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
- The truck's vehicle profile (height, width, weight, axle load, hazardous goods etc.) can be set to the end 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. There is no limit to the number of profiles that can be stored and selected with a click.
- The navigation system can alert truck drivers to relevant dangers such as sharp turns, overhanging trees, steep inclines, uneven roads and side winds.

#### Truck-specific routing

Normal navigation systems are designed for cars, but truck drivers have different needs:

- Narrow side roads are automatically avoided to ensure realistic truck navigation.
- The map&guide truck navigator route planning automatically avoids residential areas. The truck enters the residential area at the very last moment before reaching its 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 map&guide 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 end mobile navigation
- transfer and display messages to the navigation
- Guided navigation: Transfer of entire route navigation
- **New:** Show other vehicles (buddies) via interface

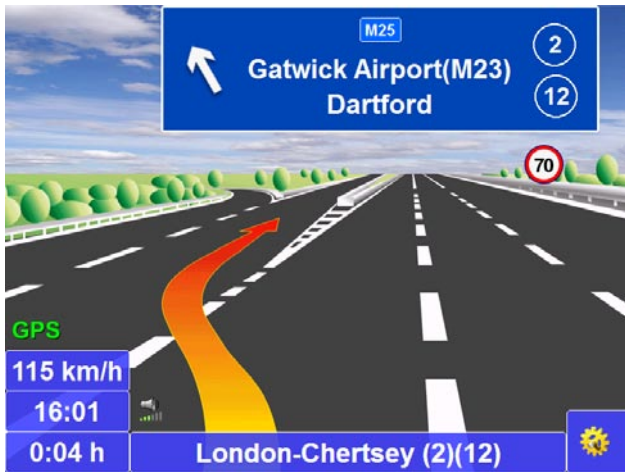
#### Basic functions

Mobile navigation is a popular alternative to an expensive installation – without losing out on functionalities. map&guide truck navigator provides:

- Door-to-door cross-border navigation
- Intuitive, easy operation
- Precise visual cues and spoken instructions
- 2D and 3D navigation using map&guide's clear, intuitive maps
- Proven, professional map&guide 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.
- map&guide truck navigator 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 for optimum map information when approaching a manoeuvre
- Incorporates directional information on highway signs
- Automatically switches between day and night view
- Speed warning limits also for trucks in many countries
- Text2Speech as standard for CarPC
- Coordinates
- **New:** Revised navigation interface
- **New:** Numbered motorway exits
- **New:** Realistic motorway signs and junction views



### Available maps

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

#### Available map detailing

- Detailed Network: The best road network with complete coverage ("City")
- Major Roads Network: Overland network with main roads (or better)



⚙ Countries with truck attributes

### Truck attributes

Truck-specific data on closed roads, hazardous goods and warnings are available for around 40% of roads (relating to the long distance road networks in these countries): Germany, UK, France, Belgium, The Netherlands, Luxembourg. For other countries (see graph), the data coverage is less.

### Platforms

map&guide truck navigator is provided for various platforms:

**CarPC / Notebook (Win32 Systems):** map&guide truck navigator CarPC / Notebook Edition

**Windows Mobile:** map&guide fleet navigator mobile Edition

Versions for **industry platforms based on Windows CE**, for example PSION Workabout pro, Höft&Wessel skeye.pad or Symbol MC 35 are available upon request. Please contact our sales department if you are interested.

### Supported operating systems

- Microsoft Windows Mobile 2003 for Pocket PC (incl. second edition)
- Microsoft Windows Mobile 5, 6 (incl. phone-edition)
- Microsoft Windows CE .NET 4.2, 5.x, 6.0
- Microsoft Windows 2000, Windows XP, Windows Vista, Windows 7
- More are available upon request

### Further information

We would be pleased to answer your questions:

Tel. +49 721 9651-8199

E-mail: [request@mapandguide.com](mailto:request@mapandguide.com)

For more information visit our website:

[www.mapandguide.com](http://www.mapandguide.com)

map&guide is a PTV AG brand.