



map&guide navigator 5.5 add-ons

Individually extending standard features

A wide range of features is already provided by the map&guide navigator 5 standard version (see the performance descriptions for map&guide fleet navigator and map&guide truck navigator). In individual projects, the functions can be extended even more to suit each customer's particular requirements. Some of the upgrade features are described here.

Add-on RoadEditor2RRY

map&guide Desktop software (map&guide professional 2009 or map&guide calculate 2009) targets the module "RoadEditor" at users who require a greater coverage of truck attributes. This module can edit, delete or add truck attributes. This means that each user can block or open road segments for navigation themselves. Using the RoadEditor data, a file with updated truck attributes can be generated and transferred to the navigation systems.

The following attributes can be edited and transferred:

- General truck restrictions
- Limits to height, length and width
- Limits to weight, including axle load
- Limits to hazardous goods, water-polluting transports and explosive substances

Add-on radar warning

The radar warning warns of accident black spots where radar devices are normally positioned. The visual and acoustic warning applies to the direction of travel. Differing laws in different countries are to be taken into account. Data is available for France, Spain, Great Britain, Austria, Andorra, Belgium, Finland, Italy, The Netherlands, Norway, Sweden, Slovenia and Poland.

We provide monthly updates which can be downloaded from the Internet.

Text2Speech

Text2Speech is an upgrade for navigation devices used to speak texts which are stored in the system.

Navigation devices can then read out the names of destination roads ("turn right onto Queens Road"), directions on the motorway or traffic reports. Text2Speech is particularly suitable for PC systems and CE systems with sufficient system resources.

Integration of individual addresses

Individual address data can be integrated into the navigation system, displayed and can be used when entering destinations, for example. Two add-ons are available for preparing POI data for navigation:

POI-Importer

The POI-Importer converts geocoded CSV address data to address levels for navigation. The generated file is simply transferred to the navigation system.

GeoDB-Importer

Even more comfortable than this is the the integration of individual addresses using map&guide desktop software (e.g. map&guide professional 2009), allowing address data to be gathered and managed. The "GeoDB-Importer" creates address data for the navigation system directly from the map&guide format without requiring a CSV format.



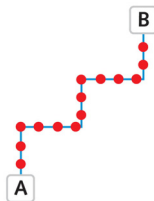
Guided navigation – Example of use

How are routes transferred from a central server to a navigation system? It is not enough to simply transfer start and destination, as the navigation system calculates the route itself - and the result often differs from what was required. The outcome: The advantages of a central route calculation (central process management, use of only centrally stored information for navigation) have no effect.

However with guided navigation it is possible to exactly reproduce the required route to the navigation system.

To do so, "tags" must also be transferred in addition to the start and destination. On request, we can provide an example application which demonstrates the integration of a server-based route (with PTV xServer) and navigation connection. Guided navigation can also be used with many other preplanning systems.

With the sample application, tag-supported routes can be calculated and stored in BCR format, which can then be used for navigation.



Customer-specific requirements

Tailoring to different screen sizes

The user interface can be tailored to fit different screen sizes. It is also possible to limit the application to a defined section of the screen, for example so that other applications can also be shown at the same time.

Tailoring to different types of screen

It is possible to make adaptations to different types of PC screens, for example an automatic size customisation with or without consideration of the toolbar and the ability to run on windows which can be changed in size.

Hardware requirements

map&guide navigator 5 can be customised to fit individual Windows-based hardware. Test versions for Windows XP, Vista, CE5, and PocketPC are available as a free download in order to check performance and how they run.

Usual customisations are:

- Use of a hardware-specific SDK
- Link of hardware keys with certain functions

Customised skin ("look and feel")

In order to provide the program with a different look it is possible to change the colours, bitmaps and backgrounds and menus can be hidden.

Integration with partner application

User-defined buttons to access partner applications can be added in the navigation view and in the main menu.

Further information

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