

## Travelplanner with a new and advanced GIS-module

For more than 15 years DataGrafikk as has been developing software for the public transport-market. One of our areas of commitment is public transport information. Touch'n Go! for terminals and call-centres, and Surf'n Go! for the internet were our first software solutions for interactive travel planning, and they have been used by Norwegian passengers since 1995. Based on our experience with these products we have developed a new interactive travel planner, TravelMagic.

### How does an interactive travel planner work?

You need to have the timetables available electronically, on a format that can be read by the travel planner. The system will prepare the data for electronic public transport information, and they will be ready to be used for interactive travel planning. The same data can also be used for departure information on terminals through our system PatServer.

When you use the travel planner you choose time and date for departure, and place for departure and arrival.

The search results you get from TravelMagic includes time for departure and arrival, where and when to change transportation, the number of the bus/train (or other means of transport), transportation company, and total travel time.

If you wish you can choose not to include specific means of transport, like ferry or bus, in your search.



### Rational administration and improved quality of search results.

Compared to Touch'nGo! / Surf'nGo! and other travel planners, the administration of TravelMagic is more rational, and the quality of the search results has improved.

- ✘ With the new GIS-module you can plan your trip in the map. You can choose places for departure and arrival, and see all the details of your trip and of the stops.
- ✘ Automatic data-update. All you have to do is copy the data into TravelMagic via ftp, and the system is automatically updated.
- ✘ Data-analysing routine. Gives you information about potential problems related to the input- data.
- ✘ Can be used in combination with address-files, and perform search to/from specific addresses.
- ✘ Can receive dynamic data, and perform search based on real-time information.
- ✘ Displays all footnotes from the timetables.
- ✘ Will search for travel-possibilities the following days, not just the date you enter.
- ✘ If there is more than one possibility, TravelMagic will not only present you with the fastest route, but show the alternative routes as well.
- ✘ You can choose to see all the information of one specific route (not only the part you will be using), or all departures from one specific terminal.

## TravelMagic Touch:

TravelMagic Touch is developed specially for terminals using Touch-screens. The software is basically the same as for the internet, but to choose destinations and time you use menus with large buttons made for touch-screens. It is also possible to write the name of the destinations by using a keyboard on the screen.



Dag	Type	Rute	Fra	Til	Arr	Anmerking	Bestikk
28.10	Bus	31-423	Stavikk kai (Stavikk)	Øvre kai (Stavikk)	11:20	Vest 20min	Berge Billett
22.40	Bus	31-423	Øvre kai (Stavikk)	Bude Sentrumstoppa	22:30	Nordtroll	
Fredag 04.05.2004. (Trykk her for mer info om bussen) Bredt tid: 4 timer, 30 minutter							
28.10	Bus	31-423	Stavikk kai (Stavikk)	Øvre kai (Stavikk)	11:20	Vest 20min	Berge Billett
27.25	Bus	31-423	Øvre kai (Stavikk)	Bude Sentrumstoppa	29:45	Nordtroll	
Tirsdag 08.06.2004. (Trykk her for mer info om bussen) Bredt tid: 3 timer, 14 minutter							

Search-results from TravelMagic Touch.

## New and advanced GIS-module

Gis (Geographic Information System)-based software are becoming more and more common, and presenting the trips in a map can be useful.

In our new GIS-module you can plan and view your trip in the map, address to address. You can see how to go to/from the nearest stops, and see details of both the trip and the different stops.

The GIS-module is based on Google Maps, and is far less expensive to use than other similar systems where you are often charged "pr click".



## Call-centre

This is a TravelMagic interface developed especially for call-centres for public transport information. Via the http-protocol (SOAP) this interface is directly connected to the TravelMagic search-engine. As long as you are connected to the internet you can start TM call-centre from anywhere. The two different interfaces use the same data, which means you don't have to do anything extra to keep the call-centre-solution updated.

## Technical information:

TravelMagic is capable of using data from RegTopp-format(1.1c/1.1d, 1.2) and ERN-format, which means you can import data from the most common systems for public transportation: PC-Ruter, Hastus, TR Bus and others that support these formats. However, because of the structure of the system, new formats can be added easily.

Recommended hardware: All hardware that supports Windows 2000 Pro or XP Pro.

For more information, please contact:

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