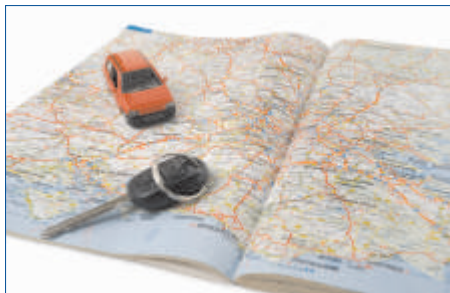


TravTime

TravTime, an easy and effective way to estimate travel times.



Travel time estimation represents an important demand in the world of traffic management. To announce travel time to the users reduces the drivers stress and increases their comfort. So traffic is moving more freely and secured.

Individual travel time estimation makes it also possible to determine the average speed of the user on a journey and to increase safety prevention on road sections rather than on an exact place.

OBJECTIF

- Announcement of the travel time estimation
- Information about itineraries
- Centralized traffic management
- Measurement of vehicles speed
- Measurement of elapsed time in the road infrastructure (tunnels)
- Control of excessive average speed

This information can be spread :

- on a variable message sign
- in a traffic management system
- on a website
- etc.

DESCRIPTION

Based on iCAR for licence plate recognition, TravTime enables to identify the users at the beginning and at the end of the covered zone and to calculate their travel time or their average speed.

In order to increase the measure precision, the system can use intermediary information : licence plates additional readings, counting posts,...

TravTime has the algorithms to make a precise prediction of the journey time in a nearby horizon from the travel time measured on every kind of road network.

TravTime is composed of several elements :

- iCAR-CAM - Reading systems that capture the car licence plates at different places.
- The transmission - Ways of transferring information between the measurement sites, in real time or in batch mode.
- iCAR-SERVER - The central processing unit - database, retrieval of in and out pairs of vehicles and prediction of future travel times.
- The spreading - Results transmission towards the concerned clients.



TAILORMADE SOLUTIONS