

PROJECT

CarNet

Visualisation platform for cooperative driving manoeuvres

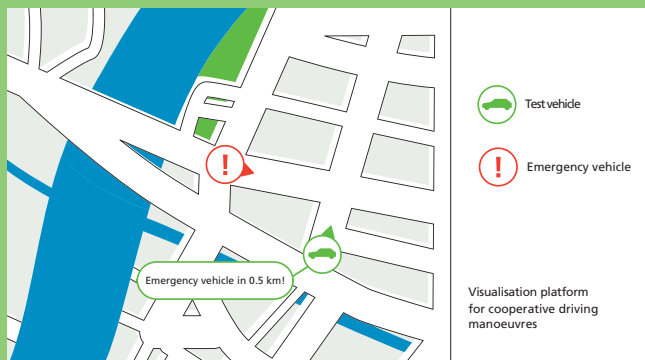
By means of the visualisation platform, cooperative driving manoeuvres can be graphically depicted on the basis of Google Maps. These manoeuvres include for example warning of an approaching emergency vehicle or a dangerous situation on the section of road lying ahead. In this way, applications

based on secure identities can be visualised and validated. The research environment and reference platform serves for developments in the field of cooperative driving manoeuvres. It enables testing and demonstration of innovative Car-2-X communication applications.

In addition to real-time display of live monitoring data, the visualisation platform also supports the play-back of historical data. In order to visualise the simulation or experiment results or the chronological sequence, the positions of all involved vehicles are represented on a map. In addition to that,

any other measuring data such as vehicle pseudonyms or extra-ordinary system conditions can be displayed.

In live mode, geo-referenced measuring data of a running experiment is displayed in real-time. In this way, it is possible to monitor the experimental process as well as important measuring results during the experiment and to intervene if necessary in order to correct. In contrast, the play-back mode serves to evaluate captured data. Simulation and experiment results as well as any traffic data, amongst others, can be used as data sources for this.



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