

## Michael Sandrock

Chairman, TelematicsPRO e.V., Berlin, Germany



### Speaker Qualifications

Head of the German telematic association, initiating projects like mobile citizens services, MetroNav, smart home, Car2City, POI and others.

Projectmanager of the former Carmodal project in Berlin (part of the EU Tellus project).

TelematicsPro runs 8 conferences each year like the "Intelligent Roads", "M2M-connected world", "GNSS&telematics".

## Carmodal – the taxibus system with flexibility for users as well for suppliers

### Abstract

CarMODAL is a demand based traffic modul, linking existing traffic supplies like individual taxis, metropolitan railways, and buses. Carmodal service is directed to wide traffic areas (suburban regions) and enables flexible transportation by phone demand of users.

CarMODAL – the collective taxibus system - opens a new market segment for all areas where traditional bus services will not be guaranteed. The system is docked on a private runned taxi or bus management center. This enables the matching of best available transportation on time and fare. The bustaxi requires vehicles when needed, based on the service contract with taxi owners. Contracts will be made with large volume taxis who do transport 6 – 8 persons. The software distribution system enables a tour matching for several parties with same access to the linkage to metropolitan rail or bus..

CarMODAL is a wholistic transport approach and will create new income by brokering the supply and demand of individual - collective transportation, and will supply transportation system with new options to lower its own transportation costs.

CARMODAL has been successfully tested in the Berlin suburban area.