Objective

During the last decade, advances in communication technology and on-board vehicle electronics have set the stage for a giant leap forward in the history of the automobile, namely the transition from autonomous units to communicating, highly-interactive systems that share intelligence with each other and their environment. Making the vehicle and its occupants an integral part of the information society will allow easing existing tensions between the vehicle and its environment and help to bring the automotive experience as well as overall mobility to unprecedented levels. GST is a major initiative mobilising more than 50 key stakeholders in the European telematics industry. It will provide the building blocks to carry out the transition from closed to open systems as this is the key to bring telematics functionality in all new vehicles and unlock the market for on-line services. GST seeks to establish this openness by further decoupling service development, service operation, delivery infrastructure, payment, in-vehicle software, in-vehicle hardware and in-vehicle networks.

The project will tie together the existing results of European, national and corporate research programmes and progress the state-of-the art focusing on missing links for which enabling specifications and standardisation proposals will be developed. To do so, specific skill-sets have been mobilised in different sub-projects covering specific technological building blocks that are missing (these are the "Open Systems", "Security", "Payment" and "Certification" sub-projects) as well as covering some specific on-line services that are essential for helping to bring the market to fruition (these are the "Rescue", "Enhanced Floating Car Data" and "Safety Channel" sub-projects).

Related information

Report Summaries

Increasing the range of economic telematic services available to manufacturers and consumers
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Subjects
Aerospace Technology - Information Processing and Information Systems - Safety - Scientific Research - Transport