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Telefónica I+D

Geneva, 5-7 March 2008

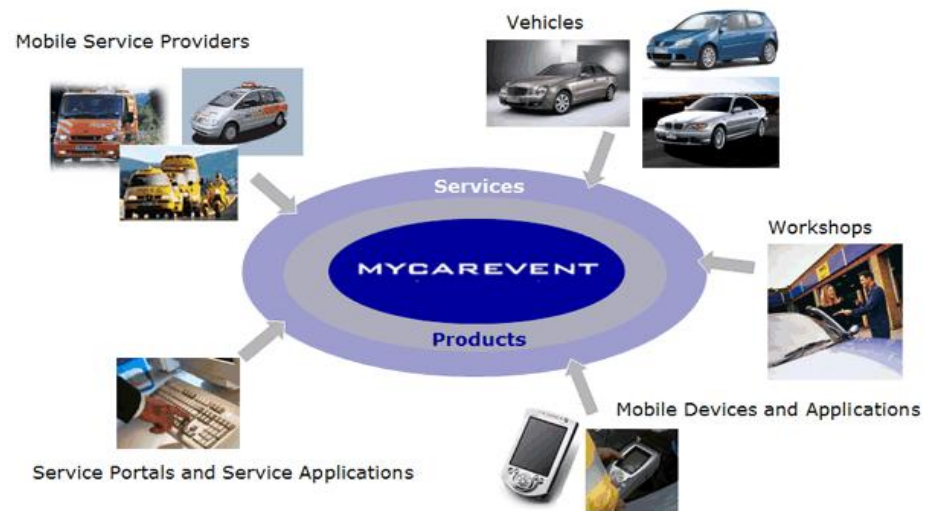


- o MYCAREVENT aims:
 1. To provide a platform to allow independent workshops, road assistance companies and drivers access to specific technical information from the main European vehicle OEMs.
 2. Create services based upon this technical information

Project consortium

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- o Members selected for:
 1. Potential implication in the exploitation of the services derived from the project,
 2. Capacity to contribute to the success of the project.

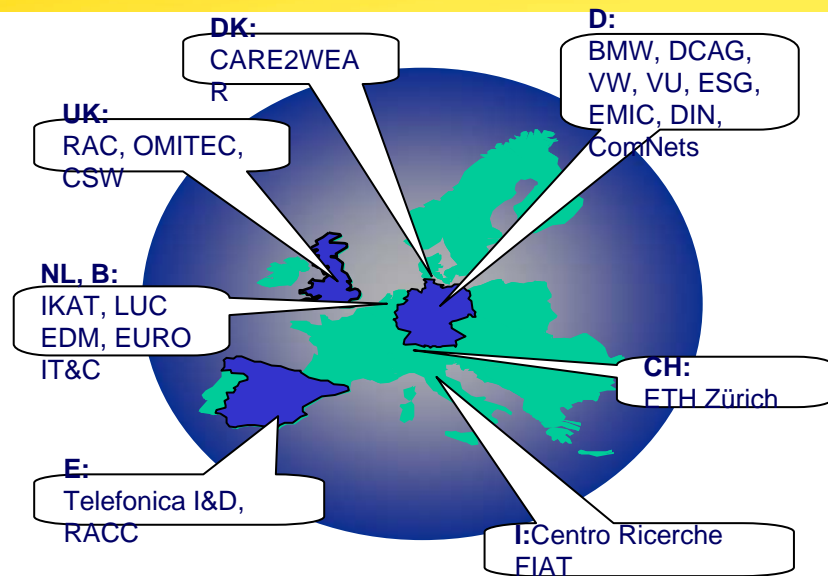


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Partners

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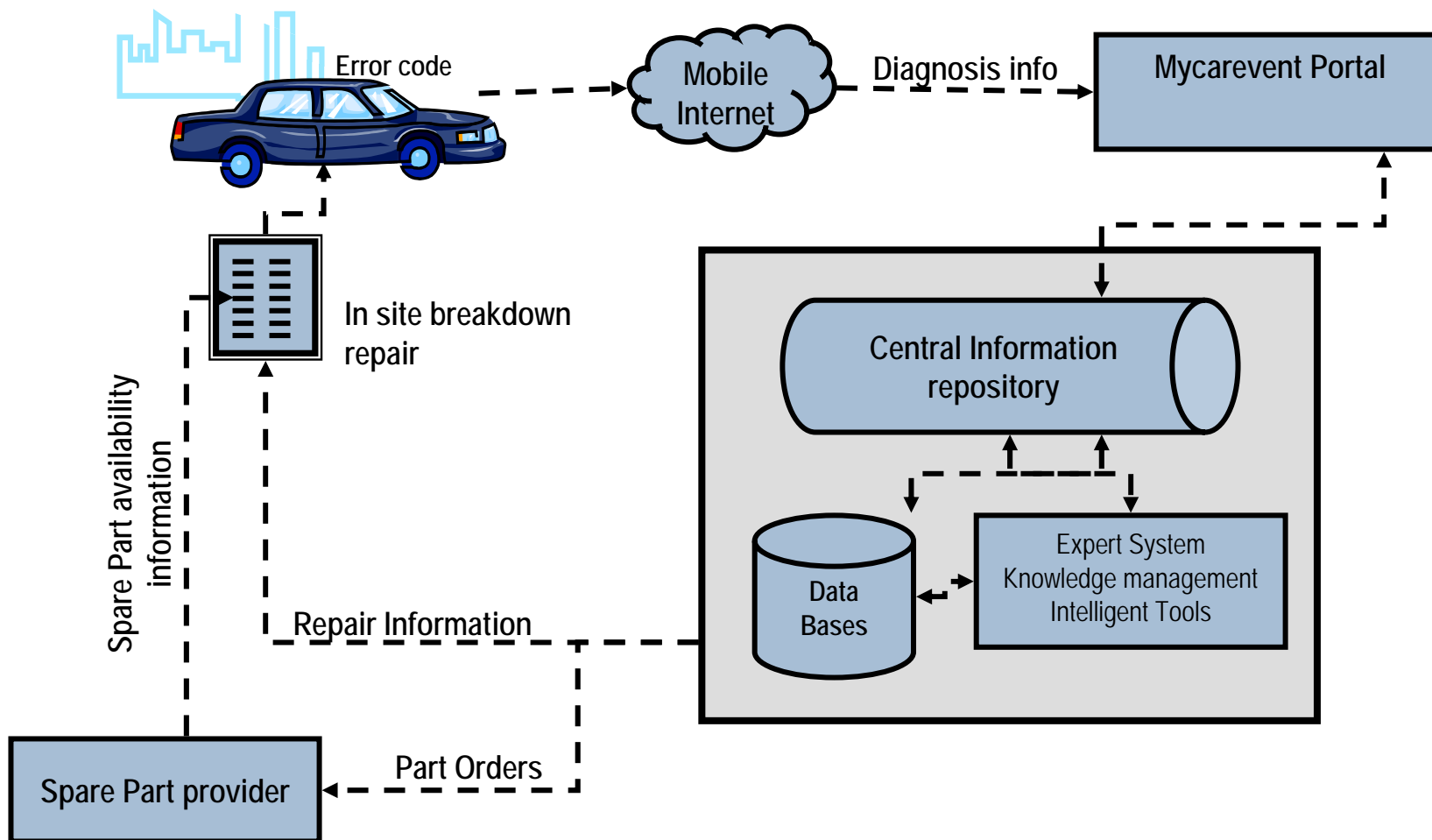


- Vehicle OEM,s : BMW, Volkswagen group, Daimler-Chrysler, FIAT
- Universities and research institutes: Hasselt, Maastrich, Aachen
- Road assistance companies: RACC, RAC
- Diagnostic tools development companies: Omitec, C2W.
- Software development companies: Microsoft, CSW, ESG
- Telecommunications operators: Telefónica I+D

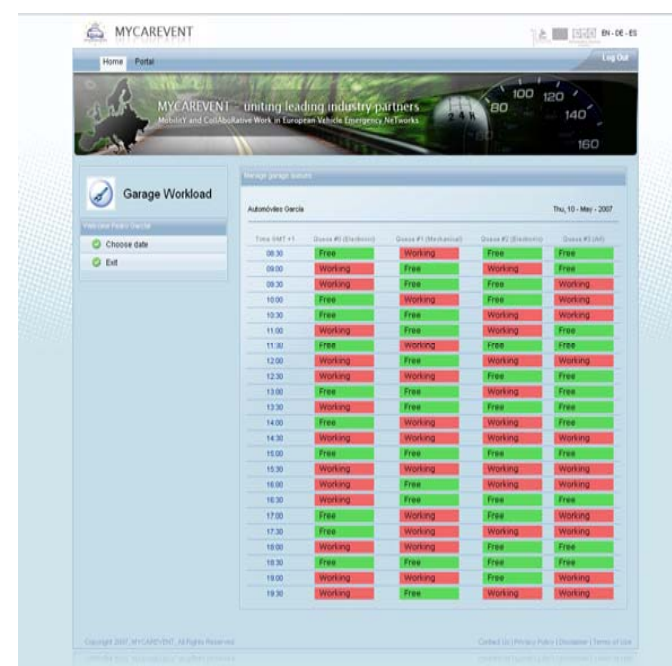
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Technologies and implementation overview



- o Role of Telefónica I+D: Development of the end user applications to test the usefulness of the project developments .
- o Main technological accomplishments:
 1. Modular platform for deploying services to the user
 2. Intelligent communications hub that ensures an always-best-connected scenario
 3. Data storage structure capable of dealing with the high amount and traffic of technical information from the OEMs.

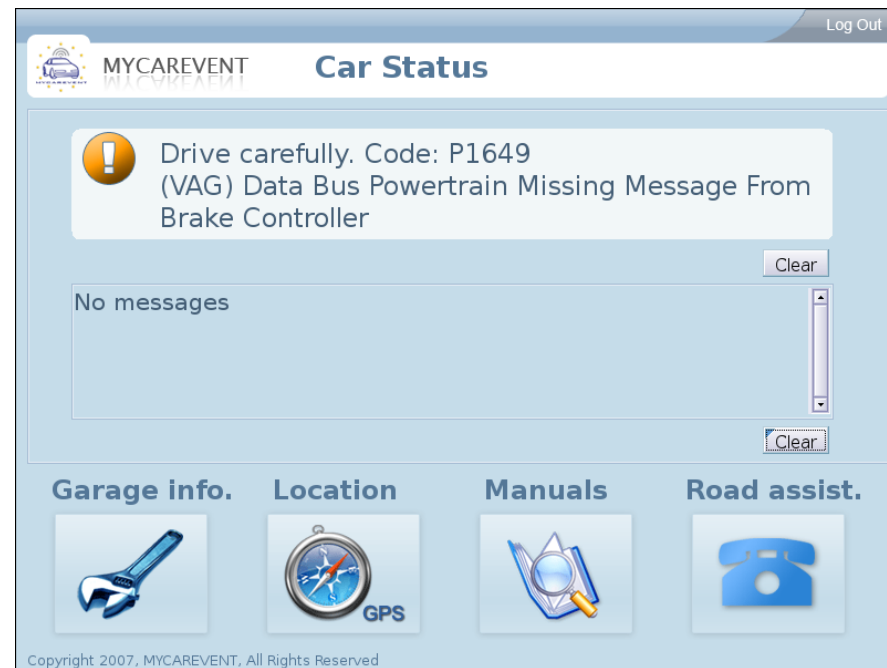


The following end user services have been developed by Telefónica MYCAREVENT for breakdown situations

- Remote advice
- Location of the nearest workshops
- Information on the current workload of the nearby garages
- Interface for the roadside assistance companies

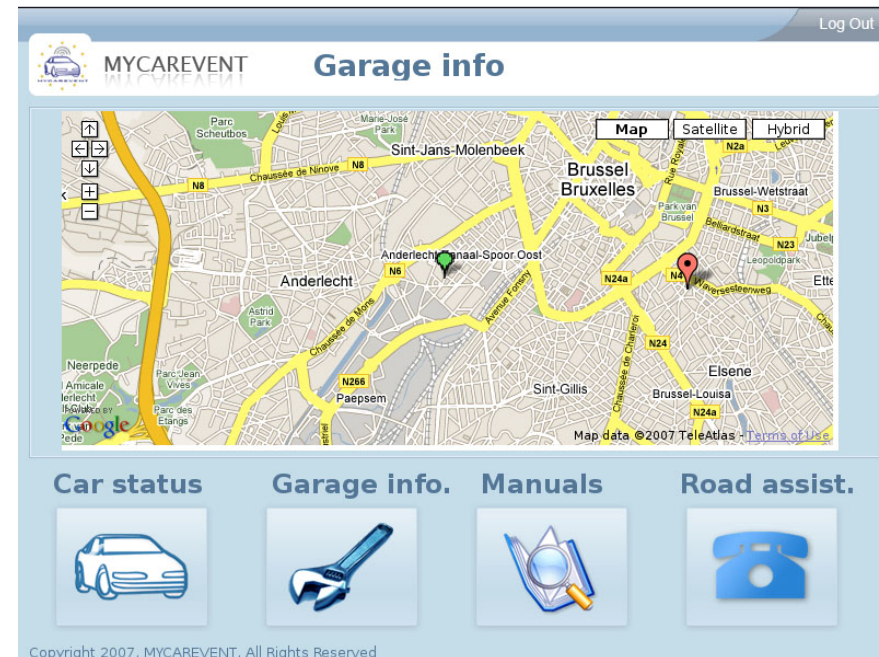
- Remote advice:

A driver interface provides advice on the actions to take next, based on data gathered from the onboard diagnostics computer, which is analyzed by a remote expert system.

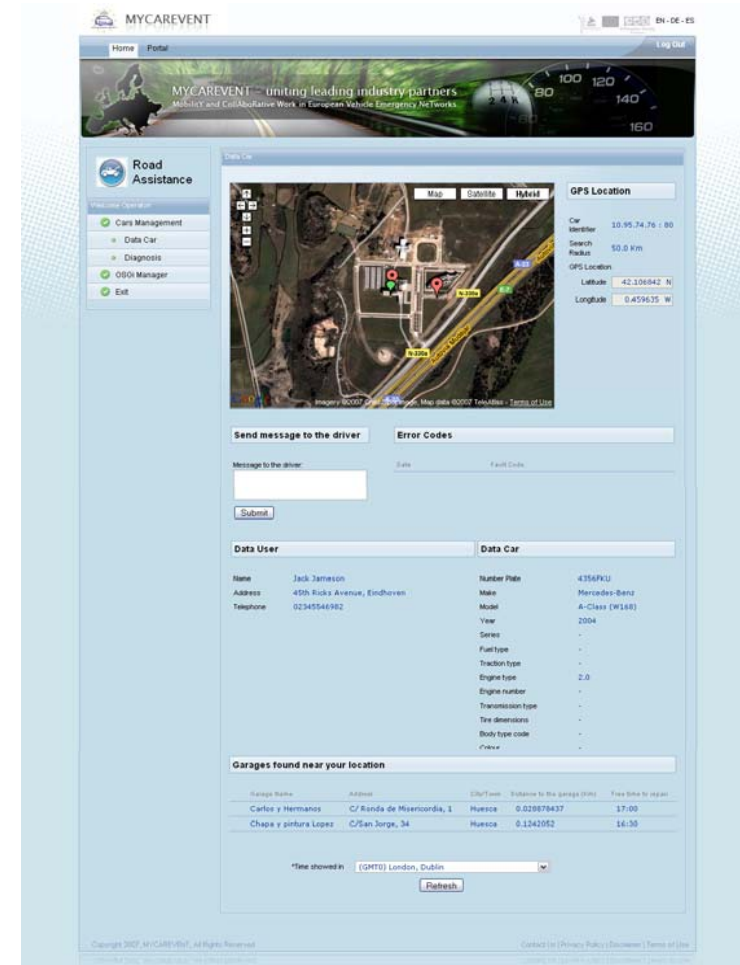


o Location of the nearest workshops:

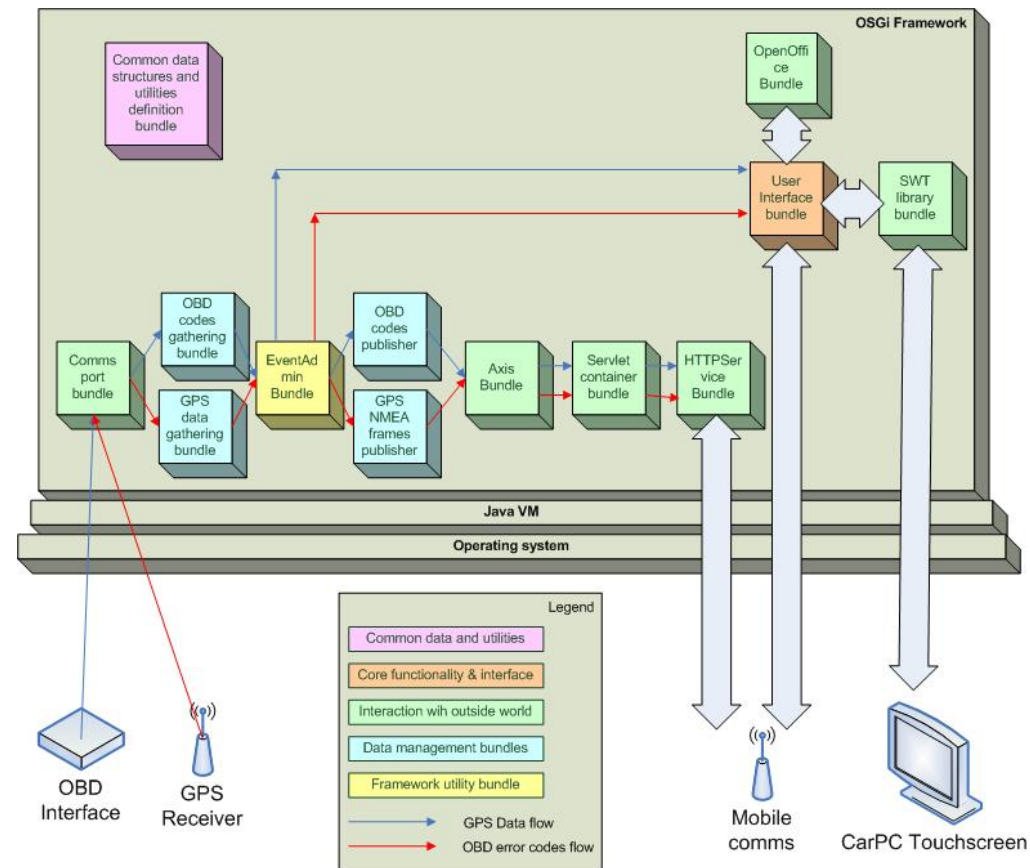
1. If the system determines that the required action is going to a garage, it provides a list with those that are closest to the vehicle.
2. For each garage in the list, the user interface shows a map with the locations of the garage and the own car.



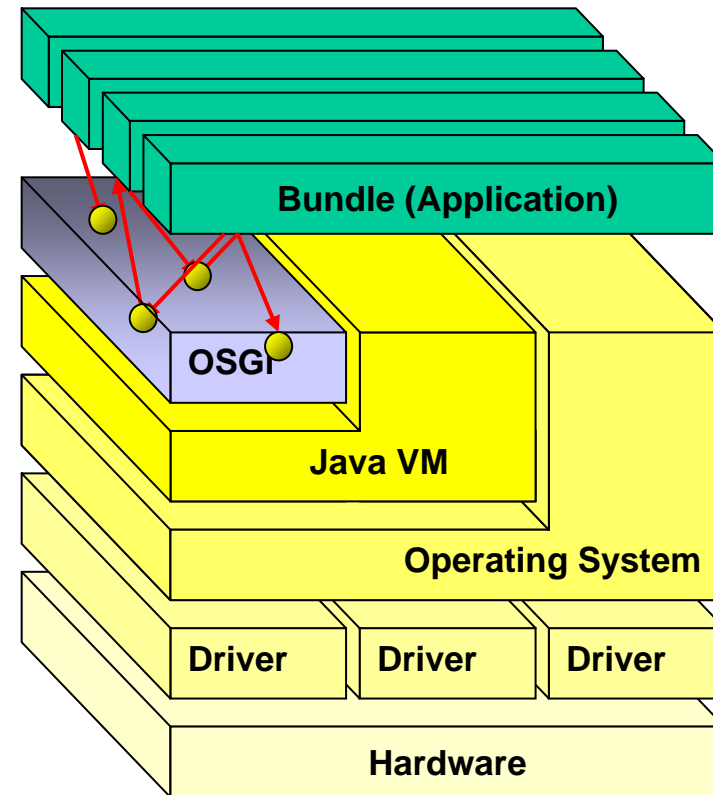
- Information on the current workload of the nearby garages:
 - The system informs the user about the estimated time of attention in each one of them
- Interface for the roadside assistance companies:
 - Allows call centre operators to keep track of all their subscribed vehicles, and gather real time information about any malfunctions in the car.



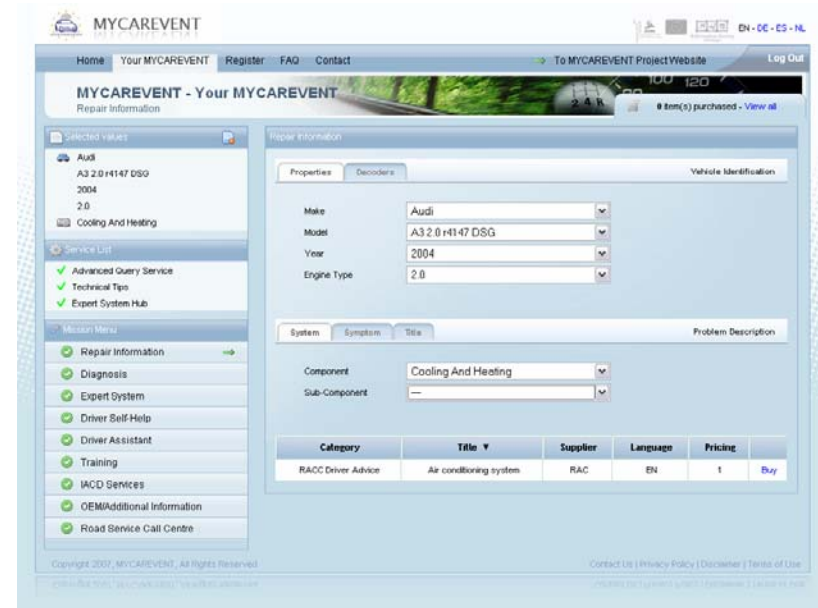
- A platform to deploy the project end-user services.
- Based on the OSGi framework
- Allows for modular and easily maintainable deployment scenarios
- Reduces future costs in maintenance of the deployed services



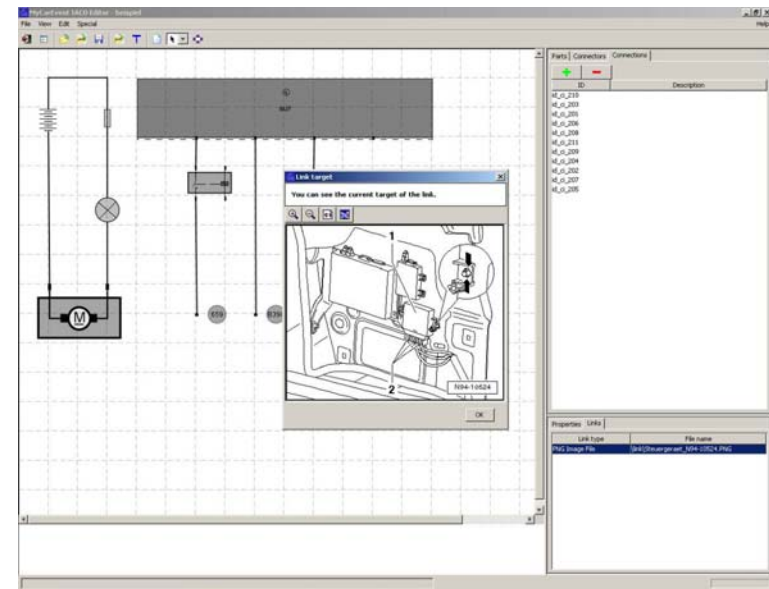
- MYCAREVENT services have been developed according to a heavily modular architecture, to achieve maximum degrees of maintainability and lower exploitation costs.
- To achieve this goal, an extensive use of Web services and distributed technologies such as the OSGi Framework has been stressed



- Other results from the project include:
 - A universal Bluetooth module to be connected to the diagnostics interface of any car.
 - A central access point for independent workshops to OEM exclusive information



- A tool to build interactive diagram circuits (IACDs) compatible with any car make and model.
 1. An intelligent communications hub that enables always-best-connected communications in the road assistance patrol vehicles.



- o MYCAREVENT services can meet a mid-term deployment to the market, accessible through the following user terminals:
 1. Embedded CarPC
 2. GPRS/UMTS enabled PDA
 3. 3rd generation mobile phone
- o CarPCs and PDAs are not regarded as viable platforms to deploy MYCAREVENT services alone, but as part of a bigger package of services including safety and ADAS services.
- o On the other hand, 3rd generation mobile phones offer the shortest time to market, but MYCAREVENT has not developed a demonstrator for this platform



- Service target groups, with potential benefits for each of them:
 - Drivers: Vehicles repaired in minimum time.
 - Roadside assistance companies: Reduce costs and increase customer satisfaction.
 - Workshops: Increased customer business base.



- o Project official website:
 - <http://www.mycarevent.com/>
- o Contact person in Telefónica I+D:
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