



Project „Flexible Assembly Processes for the Car of the Third Millennium (MyCar)“

Problem Description (High Level) Information System for Human-Centred Assembly

Problem description

Using mobile information sources to support assembly workers' information seeking behaviour and thus improving productivity, quality and environmental impact

Problem description

- As the customer demands for customization increases – assembly work becomes more complicated
- How to support assembly workers when working with variant products?
 - Quality
 - Productivity

Breakdown of problem

- Customization leads to more variants and complex decisions have to be made on the shop floor. Key decisions regard the configuration of different variant products. What part goes where?
- Information systems are immobile, heavy and not very user-centred in their information design or content
- Today's information sources are paper based, resulting in about 25000 paper printouts every day in the case plant. The environmental impact of this is great

Objective

- Create a new way to present information which presents the correct information to the assembly worker where and when he wants it
- A digital information source would greatly reduce paper printouts and thus environmental impact