Portrait I++

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What's I++

- **Community of interests** of 7 car manufactures (Audi, BMW, DaimlerChrysler, Opel, Porsche, Volvo, VW,)
- The working group was founded in **June 1999**.
- The goal is describe the need of car manufactures for new concepts for **a general definition of the complete measuring process**.
- The reason was the announced switch to **CATIA V5** and our common problem with current CATIA V4 based systems.
- The original reason for the I++ idea was a common definition and a standardization of **„whole process of dimensional measurement"**
- **Focus** at sheet metal, power train and components
- **Integration of suppliers**

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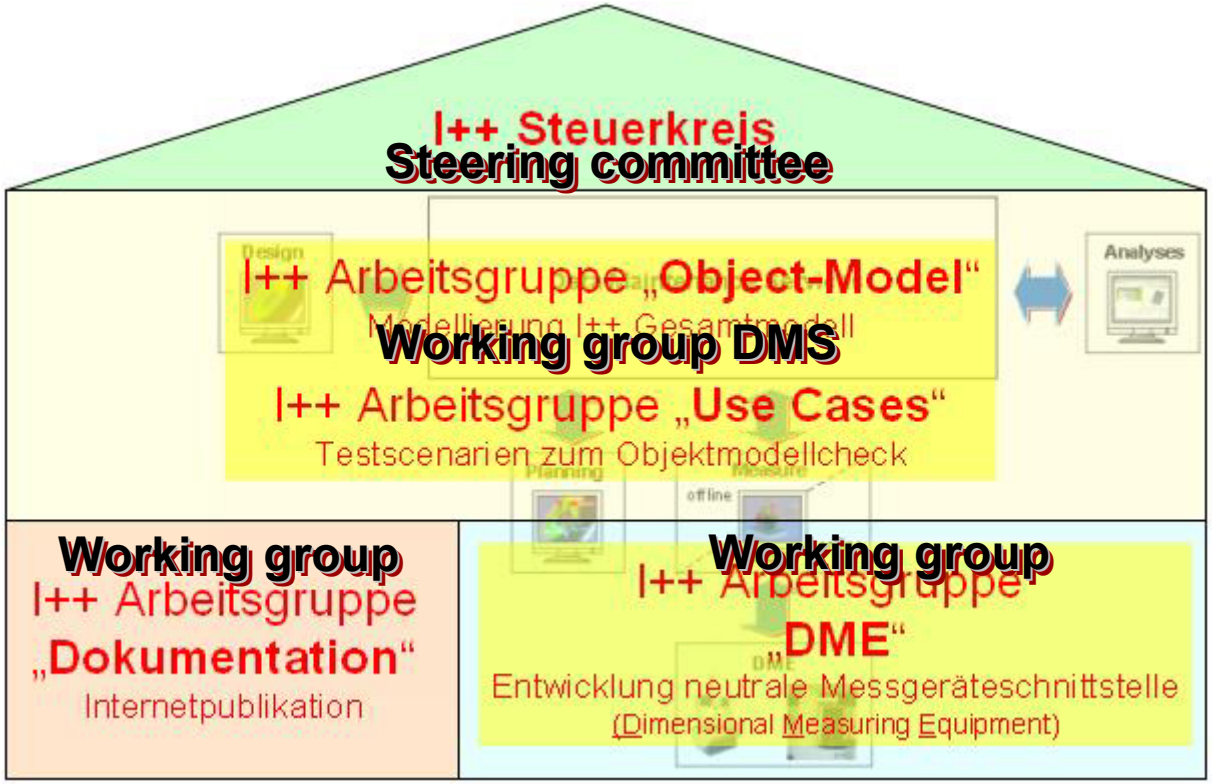
Structure



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Goals

- **future oriented base** for the measuring process in quality assurance
- **standardization of interfaces** between the systems of the quality assurance (i.e. planning, offline-programming, measuring software packages, analysis)
- **exchange without loss of information** to components to get the freedom for free choice of **“best in class”** solutions to generate an individual complete system.
- **specifications of the I++ working groups** are the base for all components and the complete system.
- worldwide interest
- **cooperation with renowned manufactures** of measuring equipments, software companies, standardization initiatives and Industry organizations worldwide
- **worldwide market** for all components and the complete system.

Motivation, benefit und potentials (1)

countable benefit

- reduction of qualification costs
- flexibility of employment
- reduction of costs for software
- reduction of time and effort for programming
- reduction of efforts for analysis by very close integration of suppliers
- fast and secure management of changes
- possibility to use “Best-In-Class” products (hard- and software)
- reduction of effort to port programs between measuring equipments

Motivation, benefit und potentials (2)

qualitative benefit

- reduction off manual effort for programming to get better and more stabilized process.
- to make sure that a complete transport without any loss of information in the whole measuring process is possible.

Thank you