



# Automotive Industry Working Group

Status Report  
November 1, 2010

# Strategic Drivers

- 80 – 90% of innovation electronics / software
- System orientation
- Change from 'Production Driven' to 'Quality Driven' and 'Innovation Driven'
- Innovation requires collaboration in value creation network
- Changing supplier networks
- Safety / environmental regulations

# Operational Drivers

- Lack of tools support (existence, chain-ability)
- Increasing traceability requirements - functional safety (e.g., IEC 61058, ISO 26262)
- Data / model exchange in value creation network (supply chain)
- Lack of automation (high cost due to manual work)
- Tools performance
- Variant management
- Lack of software knowledge in the industry ('steel benders')



# PAST

- First Meeting Stuttgart October 2008
- Financial and Economical Crisis 2009 stalled progress
- Restart Spring / Summer 2010  
(Robert Bosch GmbH, Continental AG, BMW AG, Infineon)
- BMW AG start Membership Discussions (Summer 2010)
- Continental AG signs Eclipse Membership Agreement (October 2010)

# Present

- Management Meeting Kornwestheim, October 2010
- itemis, BMW AG, Continental AG, Robert Bosch GmbH
- Participants agree on formal foundation of IWG

## Purpose

The Eclipse Automotive Industry Working Group (EAIWG) will work to define, implement and package an Eclipse-based development tool-chain that will become an industry platform for designing advanced automotive electronic systems. The industry platform will include key open source components from Eclipse but also define extension points that can be used to integrate value add tools from a commercial ecosystem or in-house development.

# Future

- Finalize Charter and Governance (2010)
- Start regular technical meetings and calls (November 2010)
- Create PR materials , e.g. press announcements, media contacts (Nov 2010 - January 2011)
- BMW AG membership (January 2010)
- Announcement and official SoW (January 2010)
- Participant acquisition