Welcome to the 7th AUTOSAR Open Conference

Rick Flores, General Motors
Oct 22th, 2014, Detroit, MI
Welcome!

<table>
<thead>
<tr>
<th>Willkommen</th>
<th>ようこそ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bienvenue</td>
<td>歓迎</td>
</tr>
<tr>
<td>boas-vindas</td>
<td>Welkom</td>
</tr>
<tr>
<td>добро пожаловать</td>
<td>Bienvenida</td>
</tr>
<tr>
<td>마음대로 즐기는 특권</td>
<td>आपका स्वागत है</td>
</tr>
</tbody>
</table>
Welcome Notes Overview

- Review Highlights of AUTOSAR 2014 Accomplishments
- Membership Status – Global View
- Partnership Evaluation
An Eventful Year for AUTOSAR!

2014 Highlights

- AUTOSAR Release Management
  - Maintenance Release – R3.2.3 (February)
  - Evolutionary Releases –
    - R4.1.3 (March)
    - R4.2.1 (October)
  - Maturing of Decoupled Concept Development Process

- New Activities
  - Acceptance Tests – R1.0.0 (August)
  - Future of AUTOSAR (On-going)
# AUTOSAR Focus Today

<table>
<thead>
<tr>
<th>Content</th>
<th>Process &amp; Quality</th>
<th>Costs</th>
</tr>
</thead>
</table>
| ✓ Ensure stabilization of releases  
✓ Max. 2 releases are maintained in parallel  
✓ Consider market needs of AUTOSAR partners | ✓ Promote global use of the standard  
✓ Establish a flexible WP structure  
✓ Clear release and revision numbering scheme  
✓ Ensure backward compatibility  
✓ Life cycle plan for each release  
✓ Continuous incorporation of new concepts  
✓ Only validated concepts to be incorporated | ✓ Reduce costs: budget and resources |
Welcome Notes Overview

- Review Highlights of AUTOSAR 2014 Accomplishments

- Membership Status – Global View

- Partnership Evaluation
Member Statistics
Member Development AUTOSAR Phase I – AUTOSAR Continuation (AC)
AUTOSAR has Become a Global Standard

- **Europe:** 91 Partners
- **Africa:** 1 Partner
- **Asia:** 67 Partners
- **America:** 27 Partners
North American AUTOSAR Partners joining in 2013/2014

Premium Partners

<table>
<thead>
<tr>
<th>Logo</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delphi</td>
<td>Delphi</td>
</tr>
<tr>
<td>Freescale</td>
<td>Freescale</td>
</tr>
<tr>
<td>Ixia</td>
<td>Ixia</td>
</tr>
<tr>
<td>MathWorks</td>
<td>MathWorks</td>
</tr>
<tr>
<td>Mentor Graphics</td>
<td>Mentor Graphics</td>
</tr>
<tr>
<td>TRW</td>
<td>TRW</td>
</tr>
</tbody>
</table>
North American AUTOSAR Partners joining in 2013/2014
Development Partners

- Intrepid
- LHP
- Mirabilis Design
### North American AUTOSAR Partners joining in 2013/2014

#### Associate Partners

- ANALOG DEVICES
- Cisco
- Danlaw
- Deere and Company
- Green Hills
- Harman International
- Navistar
- Nexteer
- Oshkosh
- Parasoft
- Spansion
- Texas Instruments
- Visteon
Welcome Notes Overview

- Review Highlights of AUTOSAR 2014 Accomplishments
- Membership Status – Global View
- Partnership Evaluation
**Partnership Evaluation**

AUTOSAR, as a global development cooperation, is committed to:

- Enabling a successful collaboration of partners
- Delivering high quality products
- Considering market needs of AUTOSAR partners supported by processes and technical infrastructure

In an effort to continuously improve this collaboration platform, AUTOSAR’s Core, Premium and Development Partners were asked to provide feedback and expectations with respect to:

- Processes, infrastructure, and project planning
- Applicability and maturity of products

The evaluation asked for the feedback in three sections: AUTOSAR as an **Organization**, a **Project** and a **Product**

The key results and actions out of the Partnership Evaluation will be presented in the next slides
Overview - Received feedback

Partners

<table>
<thead>
<tr>
<th>Partner</th>
<th>Received Feedback</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>34%</td>
</tr>
<tr>
<td>DP</td>
<td>22%</td>
</tr>
<tr>
<td>PP</td>
<td>29%</td>
</tr>
<tr>
<td>CP</td>
<td>89%</td>
</tr>
</tbody>
</table>
Key results and next steps

Concept handling process works well, but can be improved, concerning:

- Performance and planning
- Complexity of concept handling
- Organizational and other issues

Workshops with all stakeholders has been organized to refine the feedback, discuss possible measures, and prepare proposals for improvement.

Transparency of AUTOSAR processes, tool changes and decisions of the AUTOSAR PL/SC Team should be improved:

- Provide regular information for WPs with relevant decisions and information from PL/SC Team
- Introduce a Wiki with relevant information for newcomers and consolidated information about the infrastructure (e.g. tool usage guidelines)
- Setting up guidelines / criteria how to solve RFCs in a backward compatible way
- Improve documentation of CCB decisions
Key results and next steps

- Existing IT infrastructure
  - Filtering and personalization of communication should be improved
  - User guidelines should be provided
  - **Information about the IT infrastructure** will be captured in the Wiki with i.e.
    - Typical filter settings for Bugzilla
    - User guidelines for newcomers
    - SVN folder structure and links to important documents

- Extensions to IT infrastructure
  - Evaluation to introduce a **state-of-the-art requirements engineering** framework to replace WORD-based development of specifications and to support e.g. change documentation and traceability
Schedule of Releases

➤ Summary of received feedback

• Usage of Releases 3.1 and 3.2 is decreasing
• A high percentage of partners already use Release 4.0.x
• Usage of Release 4.1.x and 4.2 is increasing

➔ Conclusions:

• Rel.3.1: Remains in issue notice phase at least until 2016
• Rel.3.2: Moves from maintenance to issue notice phase end of July 2015
• Rel.4.x: Remains in evolution phase at least until 2020
Partnership Evaluation Summary

- The details behind the results/actions will be provided to the Core, Premium and Development Partners by e-mail

- Thank you for your participation!
Welcome Everyone and Enjoy the Conference!