Session 11 - Benefits to members and Limitation of AUTOSAR, Objective of AUTOSAR

Benefits to Members of AUTOSAR

Members of the AUTOSAR partnership (OEMs, Tier-1s, software vendors, tool developers) derive significant benefits:

- For OEMs (Vehicle Manufacturers):
    - Focus on Differentiation
    - Supplier Independence
    - Easier System Integration
    - Reduced Development Risk & Cost
    - Faster Time-to-Market
    - Improved Maintainability
- For Tier-1 Suppliers (Component/System Developers):
    - Reduced R&D Investment
    - Increased Reusability
    - New Business Models
    - Clearer Interfaces
- For Software and Tool Vendors:
    - Standardized Market
    - Interoperability
    - Innovation

Limitations of AUTOSAR

1. Complexity and Steep Learning Curve
2. High Initial Investment
3. Overhead (Resource Consumption)
4. Tool Dependence
5. Vendor Interpretations

6. Debugging Challenges
7. Standard Bloat
8. Legacy Integration
9. Migration Cost
10. Not a Silver Bullet