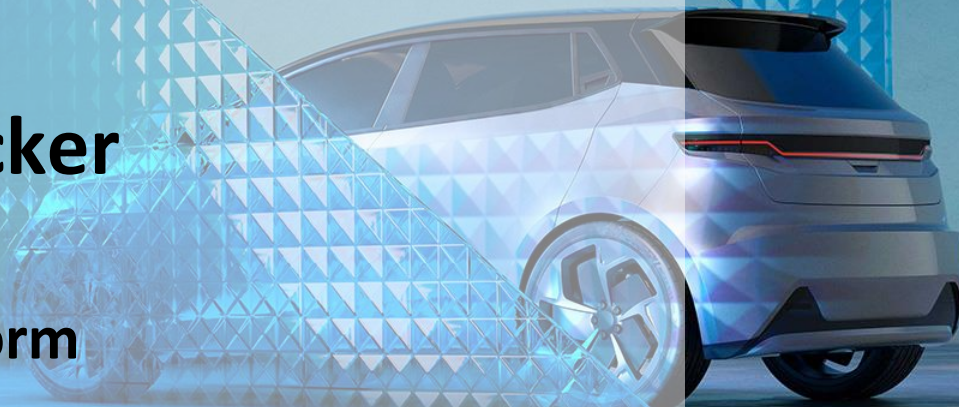


SDV Era and Standardization in Europe

Christian Mecker

07.02.2025

Mobility DX Platform



A software-defined vehicle (SDV) evolves by updating software to upgrade key features.



From
**predefined
functions**



to
**updatability &
upgradability**



From
**decreasing vehicle
value**



to
**redefining vehicle
value**



From
driving experience



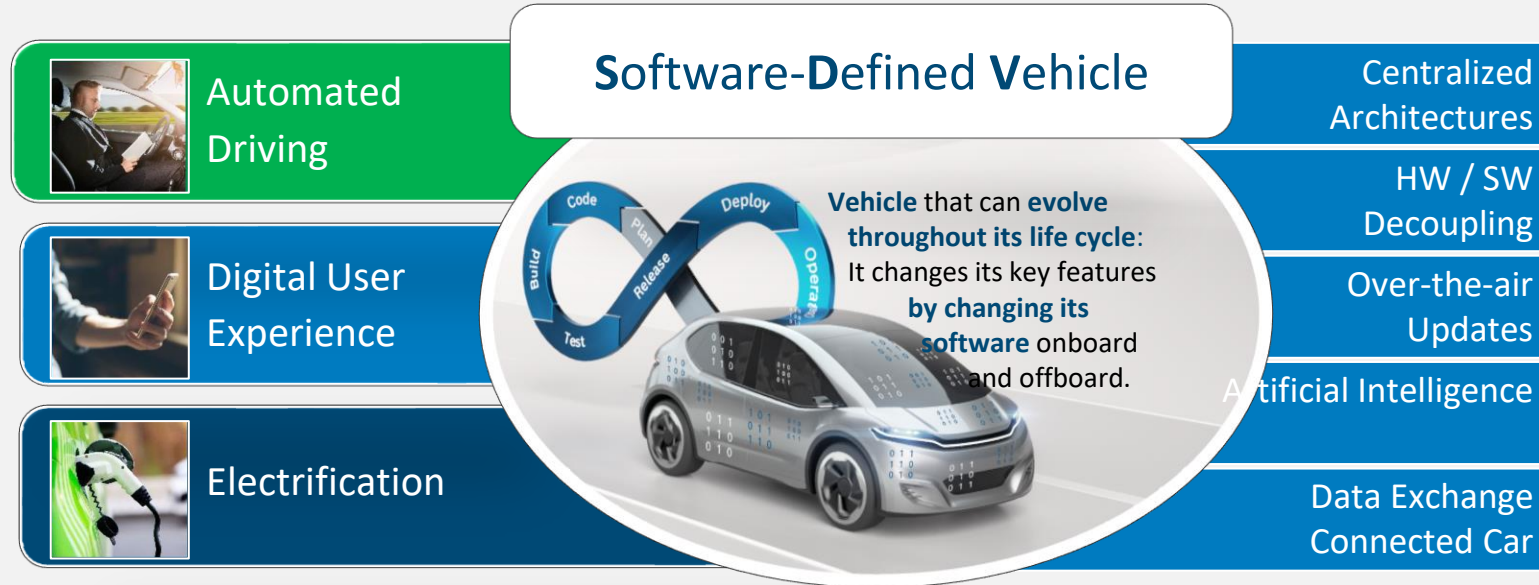
to
**holistic customer
experience**

A “Software-Defined Vehicle” (SDV) changes the entire mobility industry

Strong focus on user experience & functions

Time-to-Market

New development processes and collaboration models



Legacy & increasing complexity

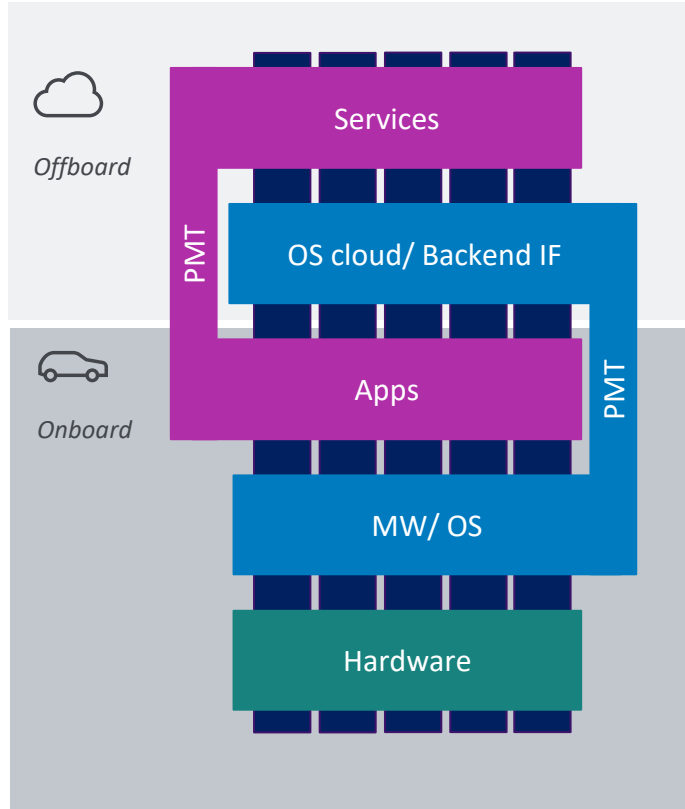
Regional requirements & risk mitigation

Innovation & competition from China

High investments & increasing costs

Bosch's offer as Innovation Partner towards SDV

Mobility Tech Stack...



...our approach ...

- “ReUse of SW” :
Flexible and ready for SW sharing
- “Standardize”:
Open and based on global standards
- “Integrate and Common Use”:
Right-performance & SoC-agnostic

... and our contribution ...

SaaP | Apps & Services **ready for deployment.**

API Expert | Globally driving **standardization.**

Cloud Partners | Partnerships in place.
Flexible & avoiding lock-in.

SDV Enabler | Customized & holistic **SW Stack & SW Factory.**

Integration Partner | Experience in **complex system integration**

High-performance compute | Decades of ECU experience.

Standardization is Key

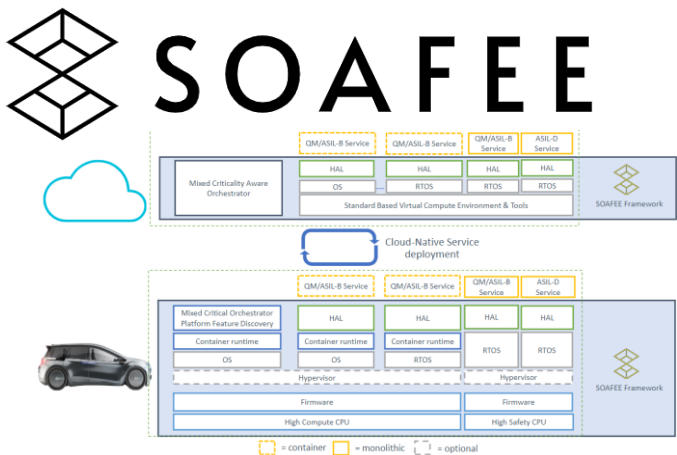


COVESA: the Connected Vehicle Systems Alliance



Classic Platform
Adaptive Platform

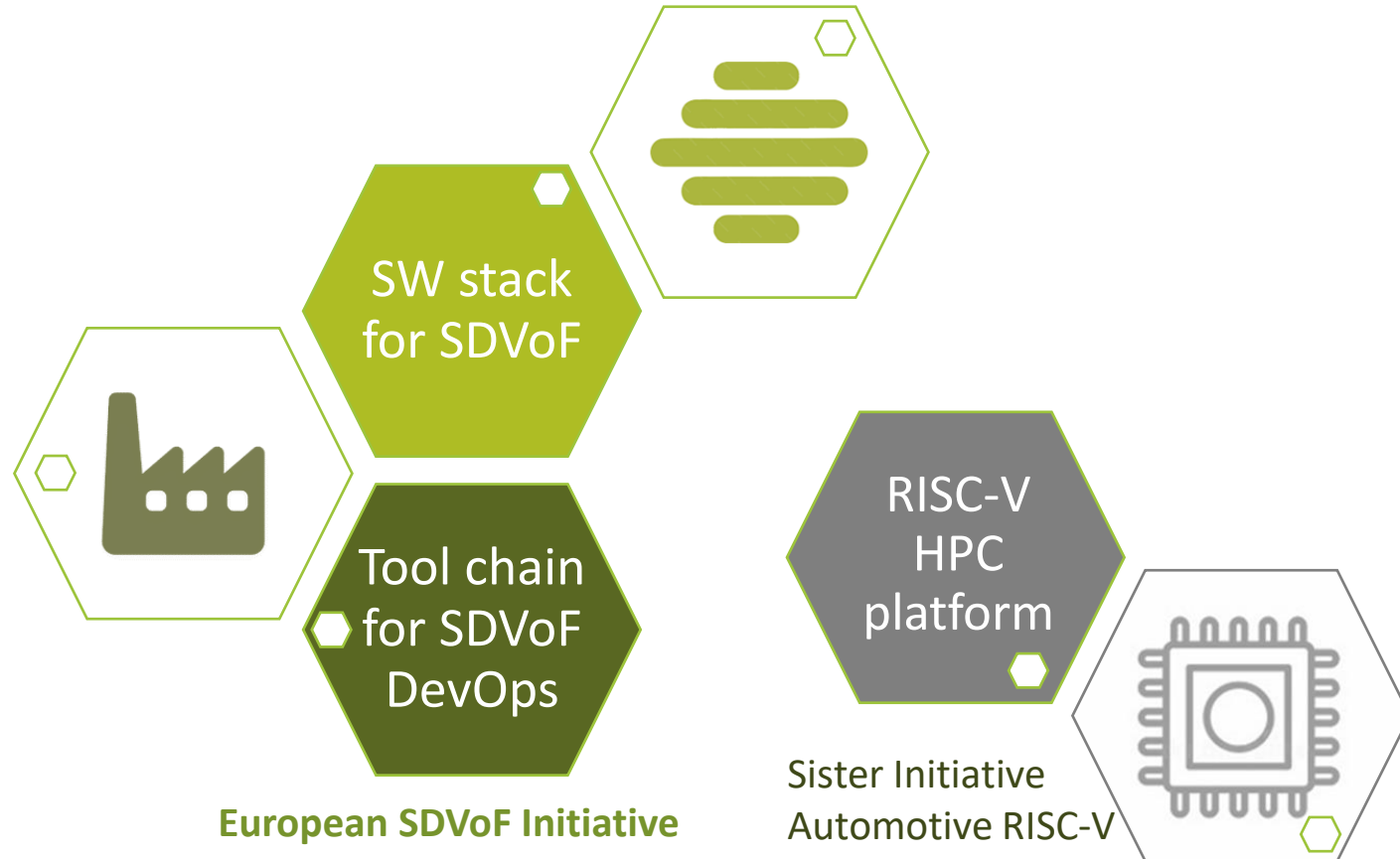
AUTOSAR: Automotive Open System Architecture



SOAFEE: Scalable Open Architecture for Embedded Edge



European driven “Software defined Vehicle of the Future” (SDVoF) Initiative



ご清聴ありがとうございました
Thank you for your attention

