

aSR Co-Simulation Concept for Virtual Calibration

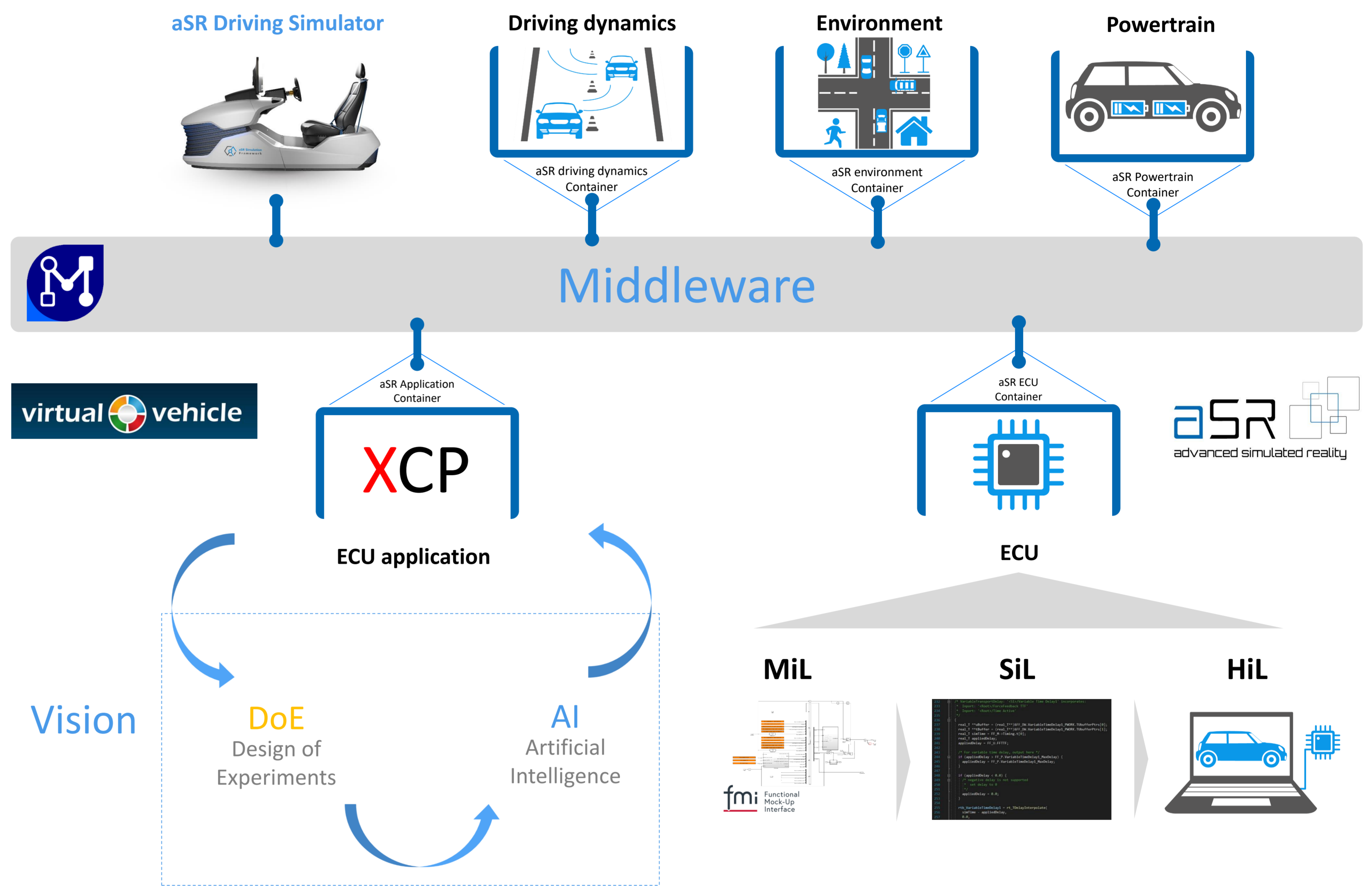


Motivation

Unfold full potential of Driving Simulators and increase their usage in the early development process.

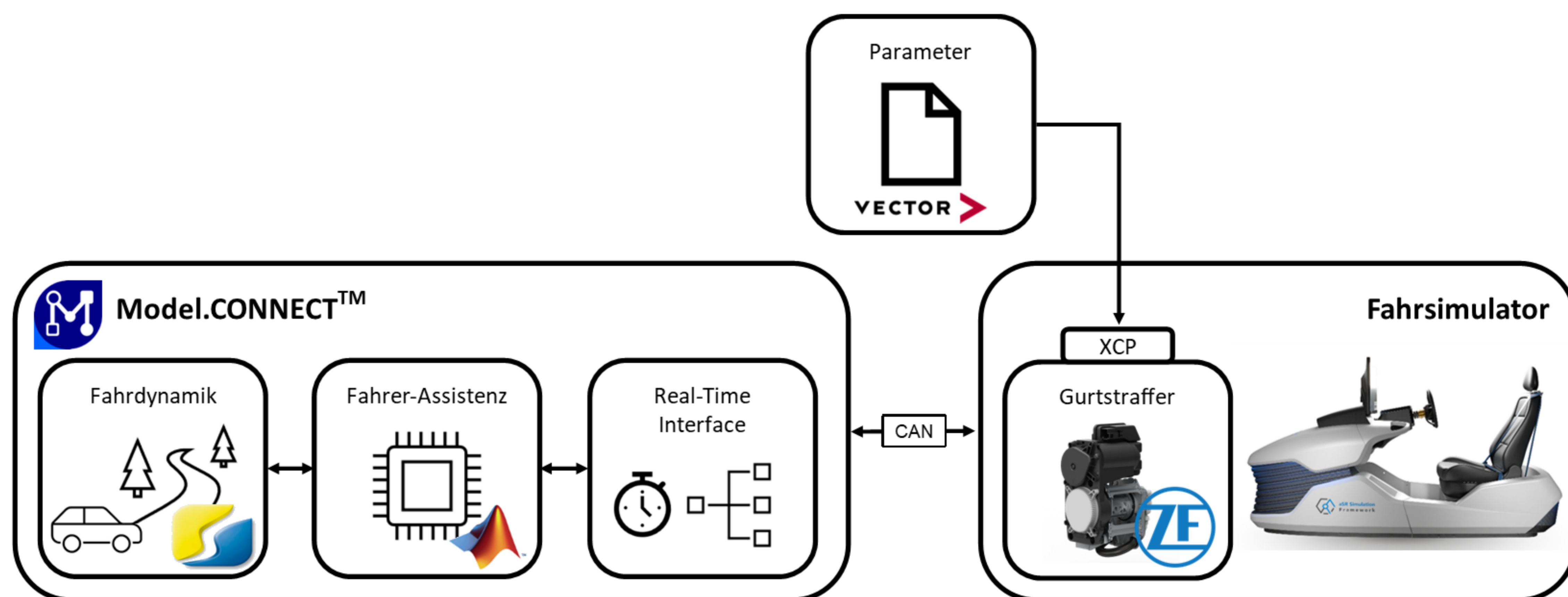
Implementation

- Definition of a method to use App-Software for virtual ECU calibration (MiL/SiL) analogue to Hardware-application
- Development of a parameter-interface for application-input
- Development of a Software-intern XCP-Server



Use Case

- Co-Simulation based on an Active Control Retractor
- Implementation in the aSR Driving Simulator
- Verification & Validation through alignment with Hardware



Vision

aSR Simulation Framework will offer the possibility to individually substitute the XCP-Interface by DoE-/ AI-Interfaces.