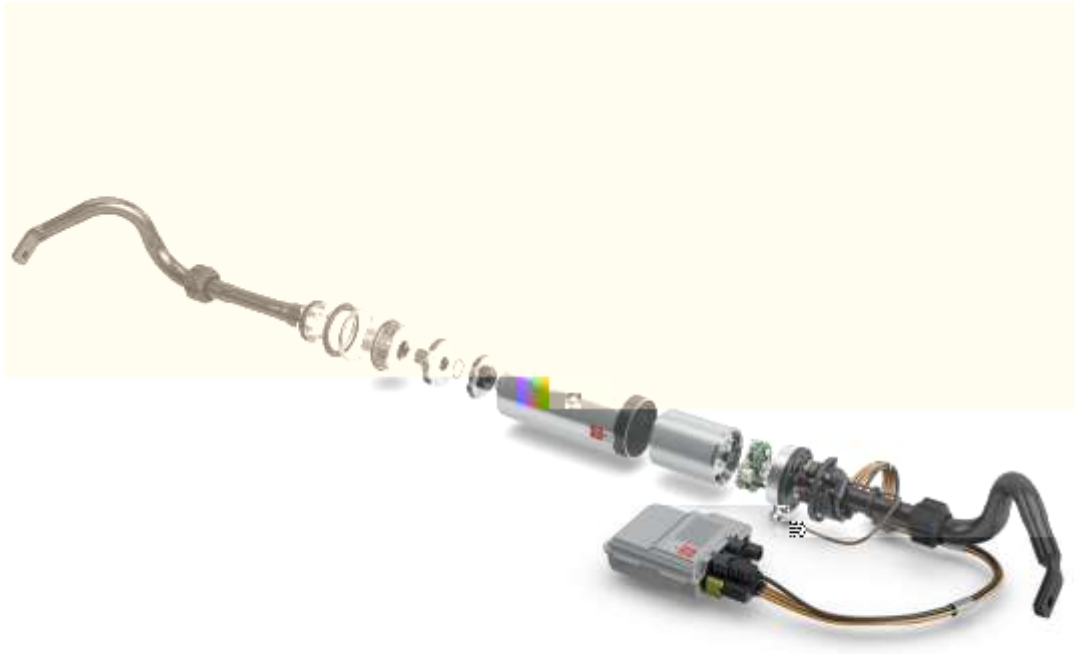
Early Verification and Testing of a Mechatronic Active Roll Control

intelligent Active Roll Control (iARC)



System Functional Test: Status and Challenges

Test Environment

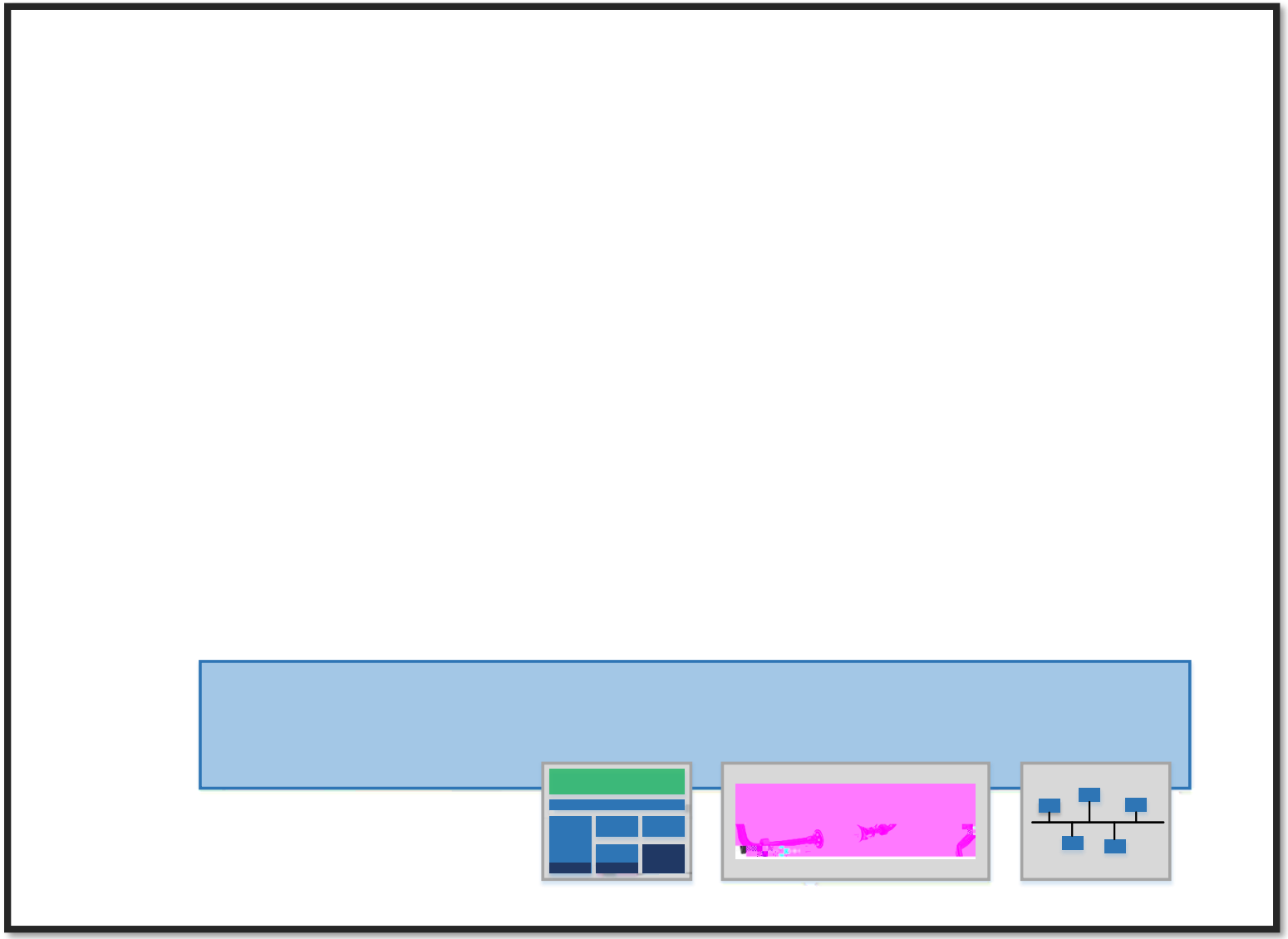
Agenda

1

2 Virtual Testing with Silver

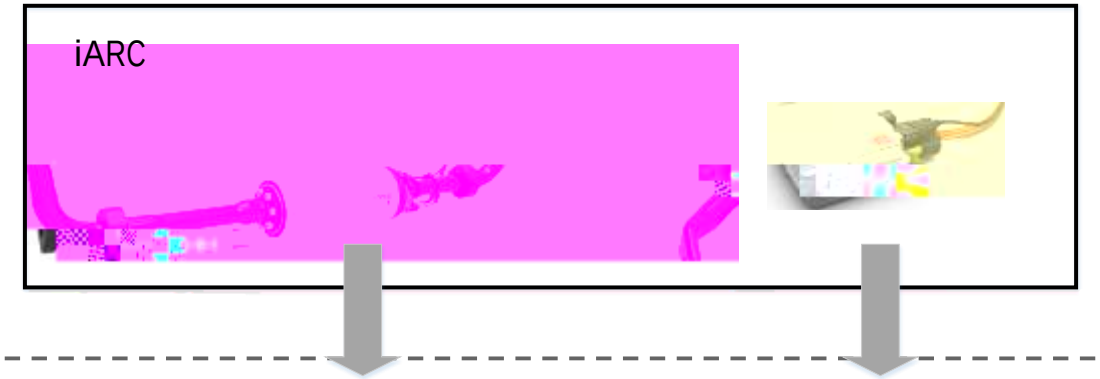
3

Workflow of Virtual Testing



Virtualization

Real object

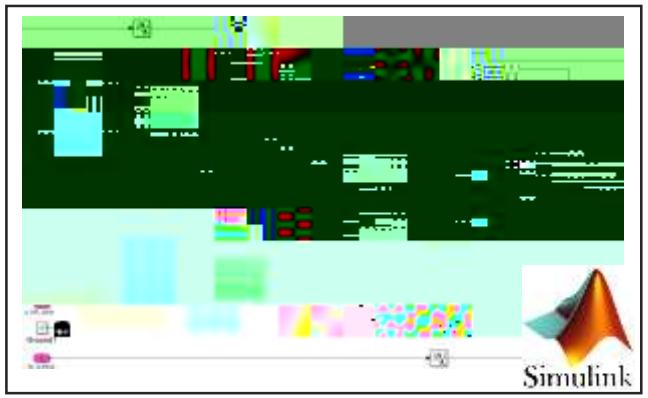


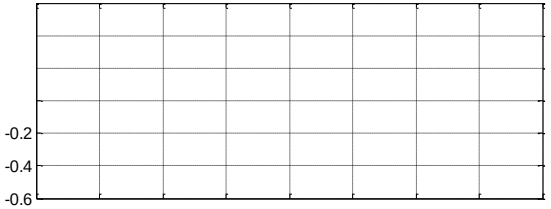
Modelling

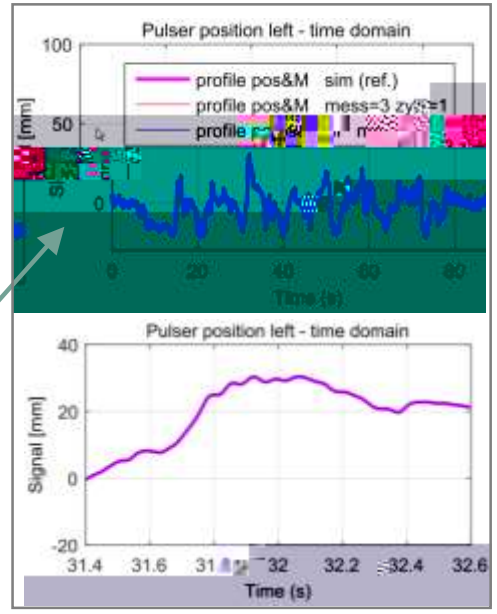
Simulation platform

Virtualization of Physical Models

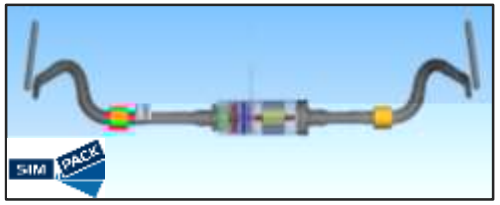
Hydraulic pulser system

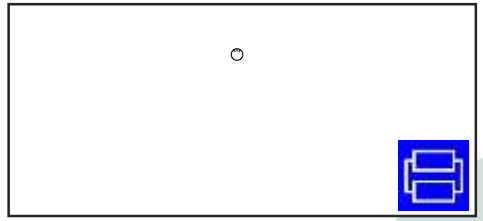


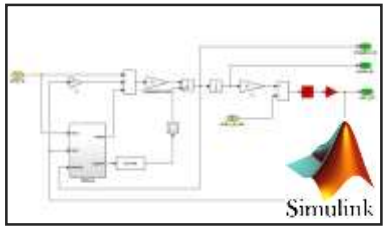




iARC (actuator component)



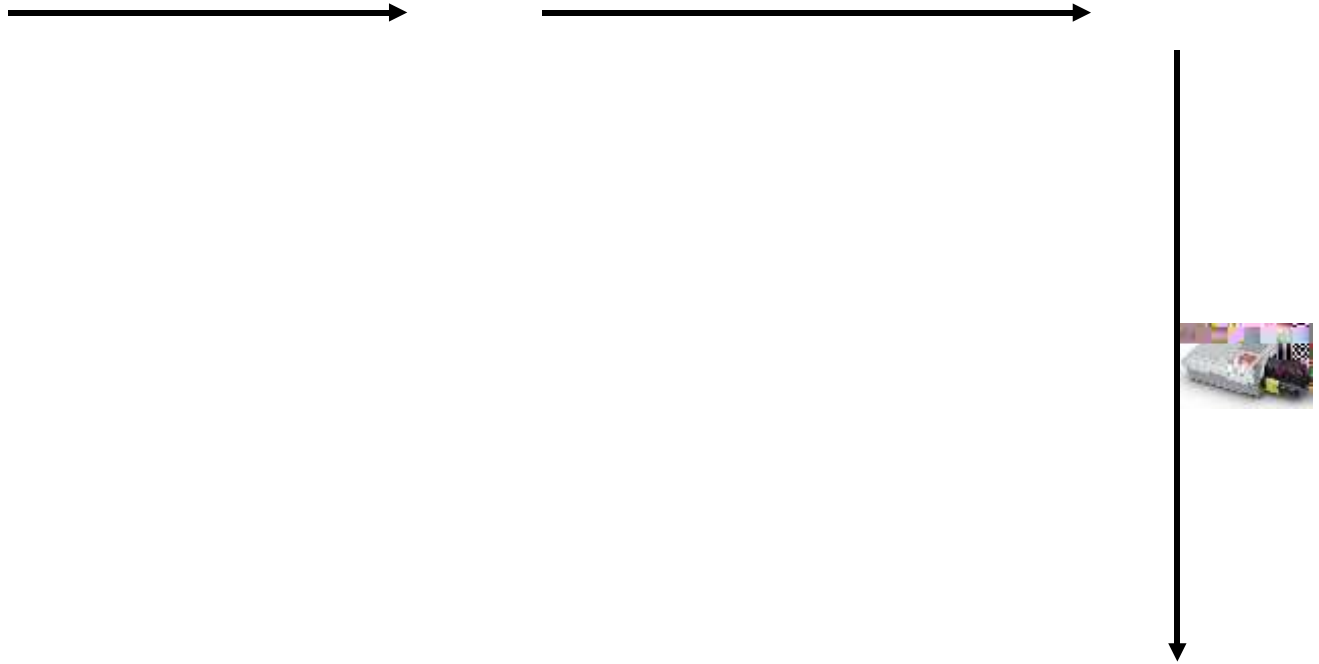




Virtualization of ECU-SW

Options

Early Software Verification and System Testing



1. Early system testing

2.