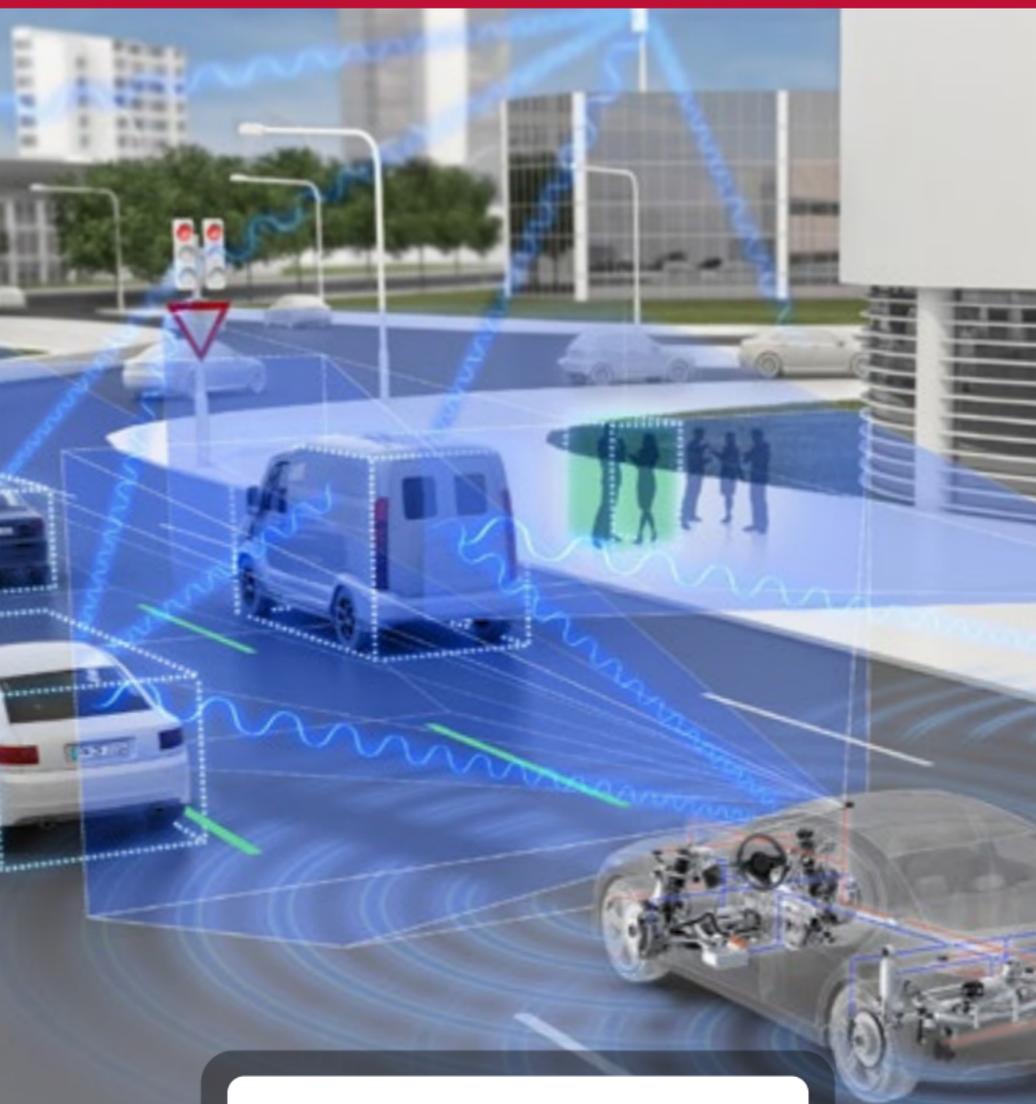


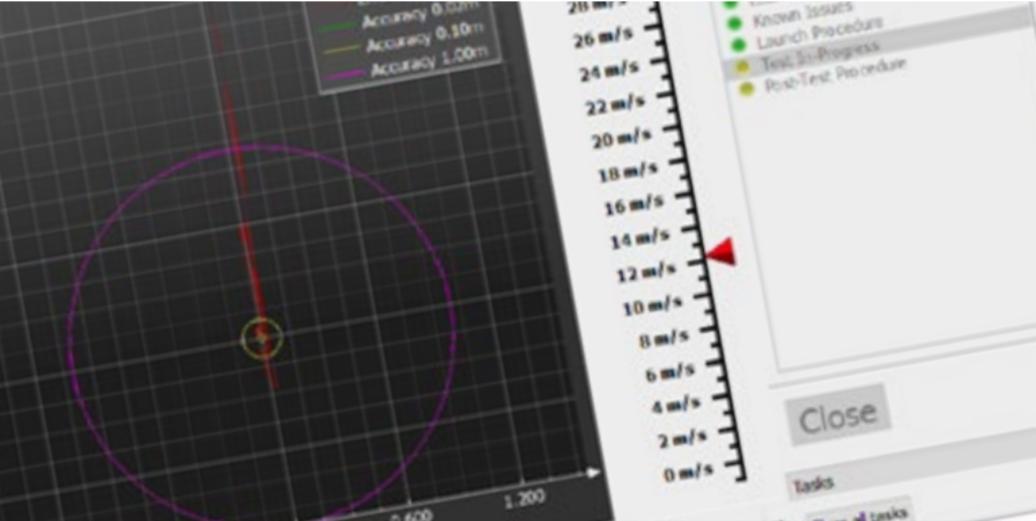


**Your Experts for Test Track
Instrumentation and Automation**



iSWACO-ARGUS

**Now also supporting
EU 2022/1426
„Type-approval of ADS“**



High Performance Systems for Automotive Testing



Localisation of moving objects using INS/GNSS and LiDAR



Infrastructure Element Management



Vehicle Guidance and Control for TSVs, SCTs and VUTs



Communication WiFi, iDMN and 5G



Scenario Management Database for Scenario Based Testing and NCAP



SCT Platforms, Virtual Elements, Robot Controlled Vehicles



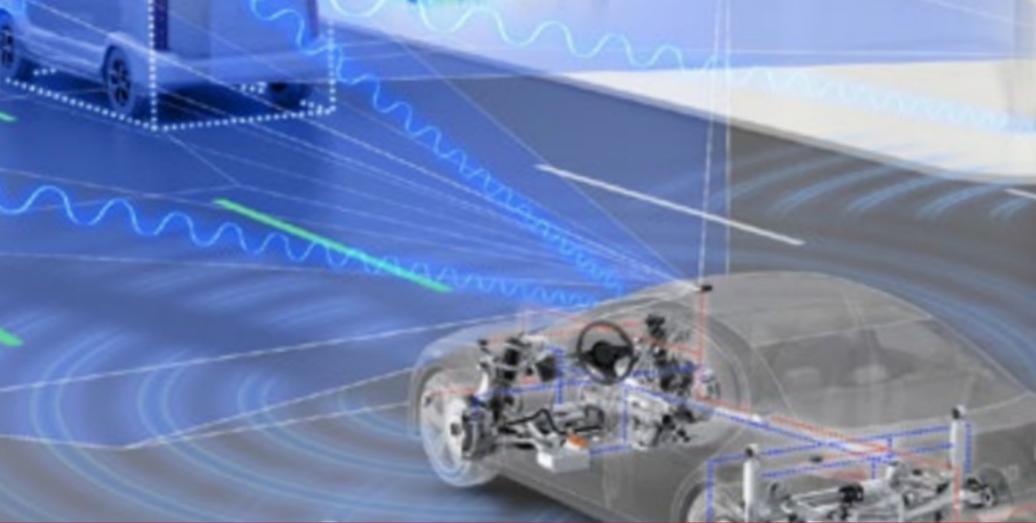
Holistic Toolchain ranging from Simulation to Real-World Testing on the Proving Ground

So far, simulation and physical testing have been separate processes. Today, Large-Scale Testing is only possible by considering simulative approaches within the total test strategy. For this iMAR's toolchain iSWACO-ARGUS is the favorite solution.

iSWACO-ARGUS

provides an iSCAML – independent Scenario Advanced Meta Language – Interface according to ISO 22133 and developed in cooperation with IPG Automotive, a CarMaker-2-iSCAML converter.

This toolbox offers the opportunity to shift simulated scenarios from IPG's CarMaker directly to iMAR's iARGUS-CMD Control Center Software.



Manufacturer Independent Swarm Control for increasingly complex Scenario-Based Testing

As test cases evolving more and more to Multi-Object Scenarios, it is crucial to provide a manufacturer independent workframe with open interfaces and flexible architectures.

iSWACO-ARGUS

supports interfaces from e.g.:

- 4activeSystems
- Stähle Robot Systems
- HUMANETICS
- GeneSys
- OxTS
- systems with ISO 22133 compatibility

Within a single Control Center Software, this allows interoperability for all major test equipment providers.



Supporting Type-Approval according to EU 2022/1426

To get a type-approval for an Automated Driving System (ADS), the manufacturer has to prove that the ADS is capable of performing the Dynamic Driving Tasks (DDT) within its Operational Driving Domain (ODD).

iSWACO-ARGUS

comes with a Test Scenario Catalogue that covers the required test-scenarios to rate the performance of the ADS according to EU 2022/1426, such as:

- lane keeping scenarios
- lane change scenarios
- collision avoidance scenarios
- emergency break avoidance
- cut-in scenarios
- obstacle avoidance



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Lane Change Scenario

