## We are ASAP

Our driving force is the automobile – our task is the development of future-oriented technologies. As a development partner to the automotive industry, the ASAP Group offers comprehensive services with a focus on the mobility of the future. As an independent subsidiary of the global player HCLTech, we combine stability with an innovative mindset. We are future-oriented and always have the latest technologies firmly in mind.

Benefit from our development expertise in the areas of electromobility, autonomous driving and connectivity. With our five service segments – Electrics/Electronics, Software, Consulting & Service, Test & Validation, Vehicle Engineering – our strategic development focus is on the future-oriented technologies of the automotive industry.

# get in touch

Any questions or projects that you would like to discuss? We'd love to share ideas and explore synergies with you.
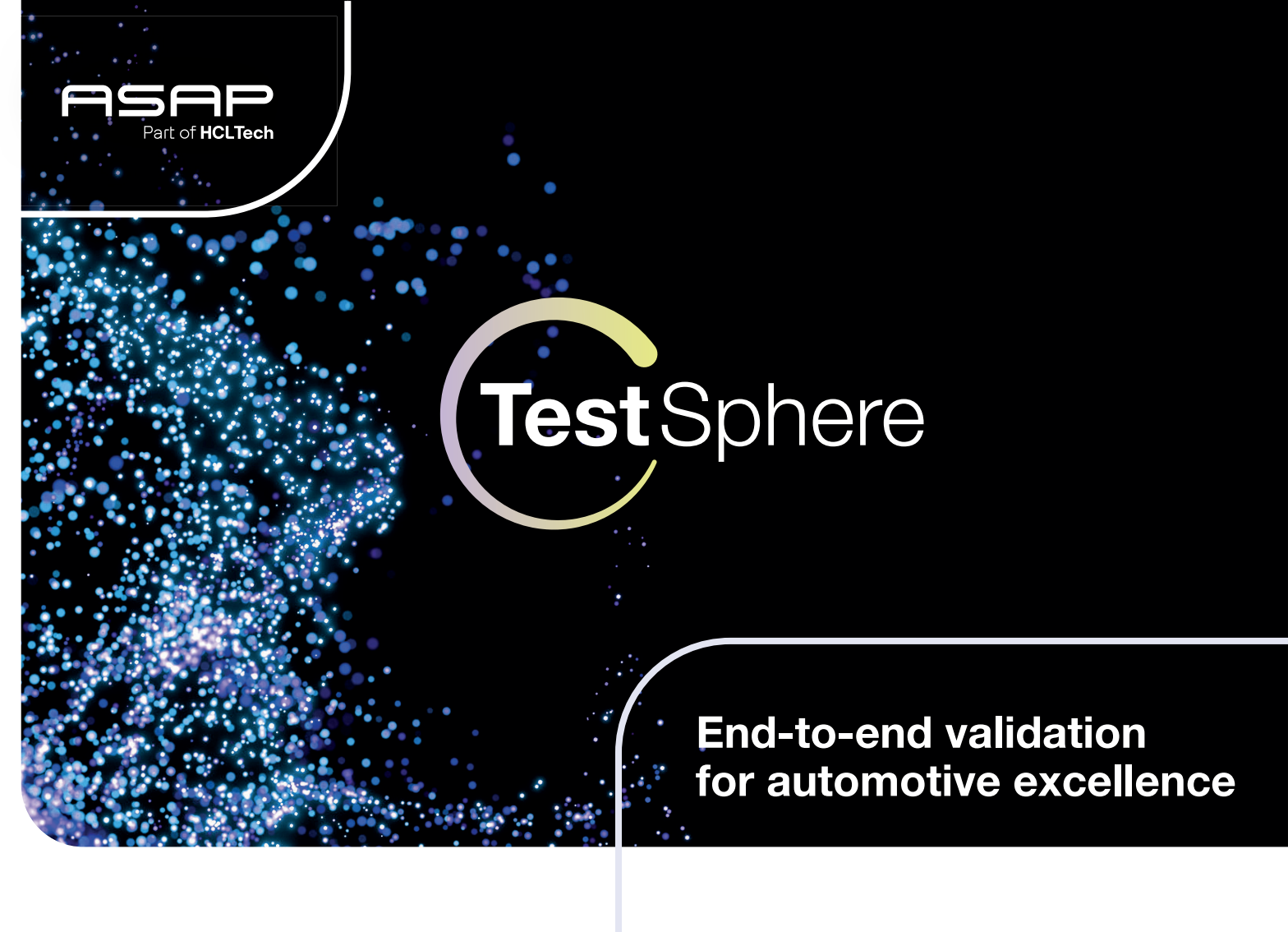
asap.de

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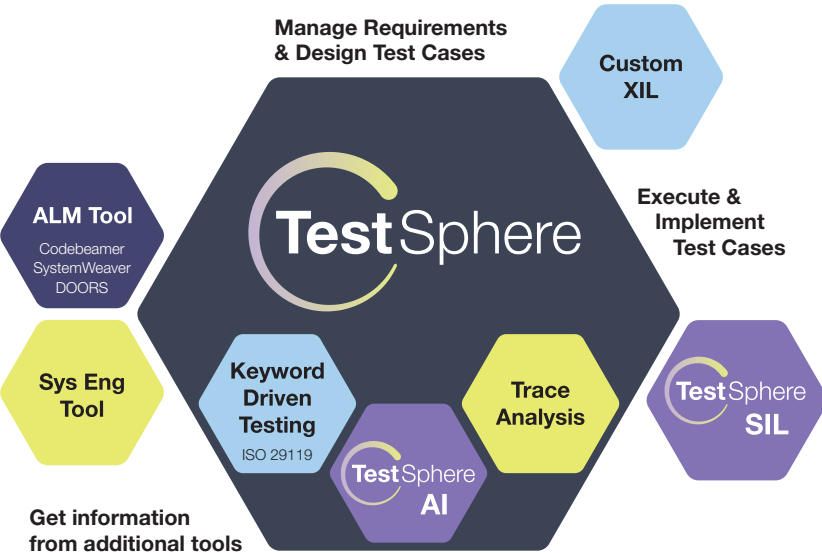Team Coordinator Software |
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# Test Sphere

## End-to-end validation for automotive excellence

# Overview

When rethinking the validation process, our primary concern has always been to simplify lives of the testers and lower the overall costs of validation process. To address this, we developed TestSphere. This platform offers an ecosystem that takes your testing process to new heights by streamlining all activities – fromrequirements gathering to test execution to software release.

**Manage Requirements & Design Test Cases**

**Custom XIL**

**ALM Tool**
Codebeamer
SystemWeaver
DOORS

**Test**Sphere

**Execute & Implement Test Cases**

**Sys Eng Tool**

**Keyword Driven Testing**
ISO 29119

**Test**Sphere **AI**

**Trace Analysis**

**Test**Sphere **SIL**

**Get information from additional tools**

# Solution

The TestSphere Editor seamlessly integrates with your existing tools and test systems, aggregating information from your entire tool landscape and connecting to your testing environments through a unified user interface. Serving as the core of the TestSphere ecosystem, the TestSphere Editor connects via Bridges to your application lifecycle management and system architecture tools, as well as your testing systems. Its unified interface optimizes the test design process by eliminating the need to switch between different tools, significantly streamlining the workflow and relieving test designers of the time-consuming and error-prone task of searching for information. Additionally, TestSphere offers a reusable SiL and testing toolkit to initiate your validation process, if desired.

# Use cases

Streamline test design for SiL, HiL and vehicle testing

Minimize time-consuming information retrieval by consolidating all test-related data in a unified editor

Enhance test design with AI support

Integrate existing simulation frameworks with your requirements using Keyword Driven Testing

# Benefits

Achieve a 75% reduction in test design time by creating test cases only once.

Benefit from fully automated test implementation.

Address errors in keywords and rectify all test cases with a single change.

Visualize all data in one place and save time by not searching multiple sources.

Testers can work tool-independently, so tool changes are no longer a problem.

# Features

Keyword-Driven Testing (ISO 29119-5): creation of test cases based on keywords.

Validation AI: Guidance and recommendations for test and requirement design.

Open Source: Cost-effective with great performance

Cloud Compatibility: Scaleable across multiple cloud platforms