

TestSphere

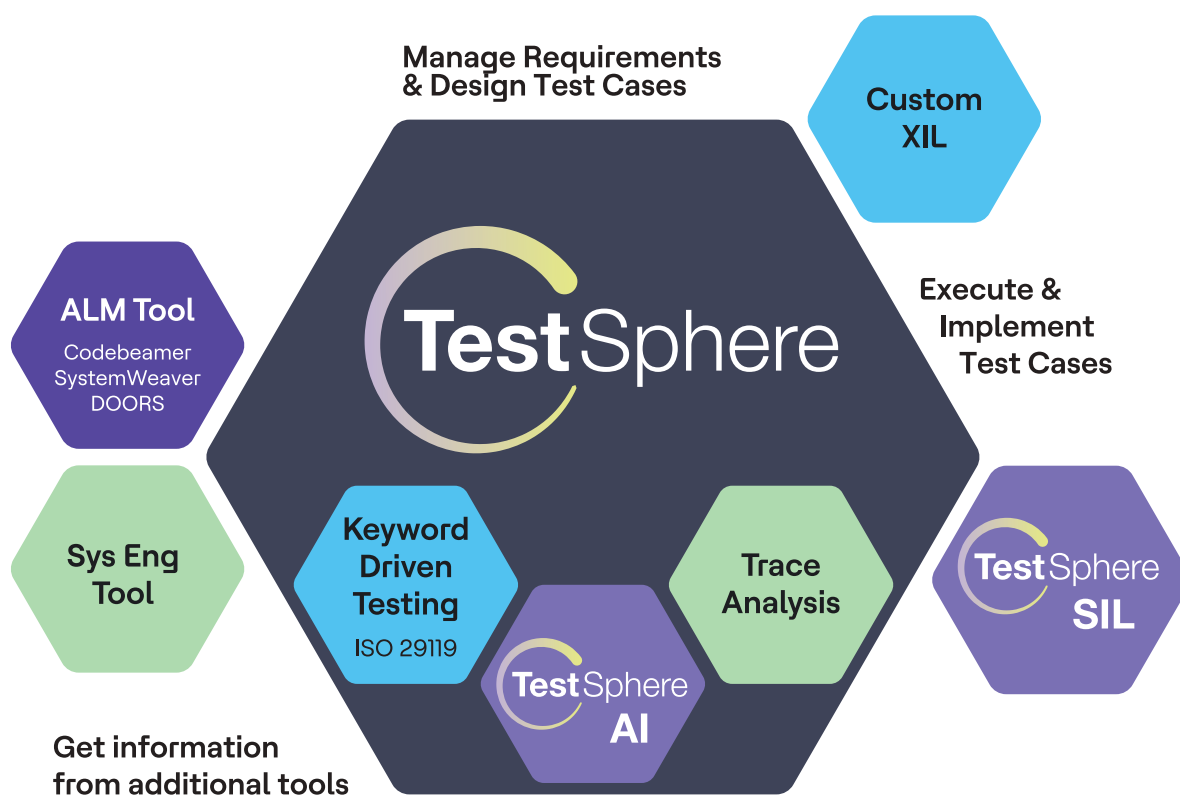
End-to-end validation for automotive excellence

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 – from requirements gathering to test execution to software release.

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-independent, 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: Scalable across multiple cloud platforms