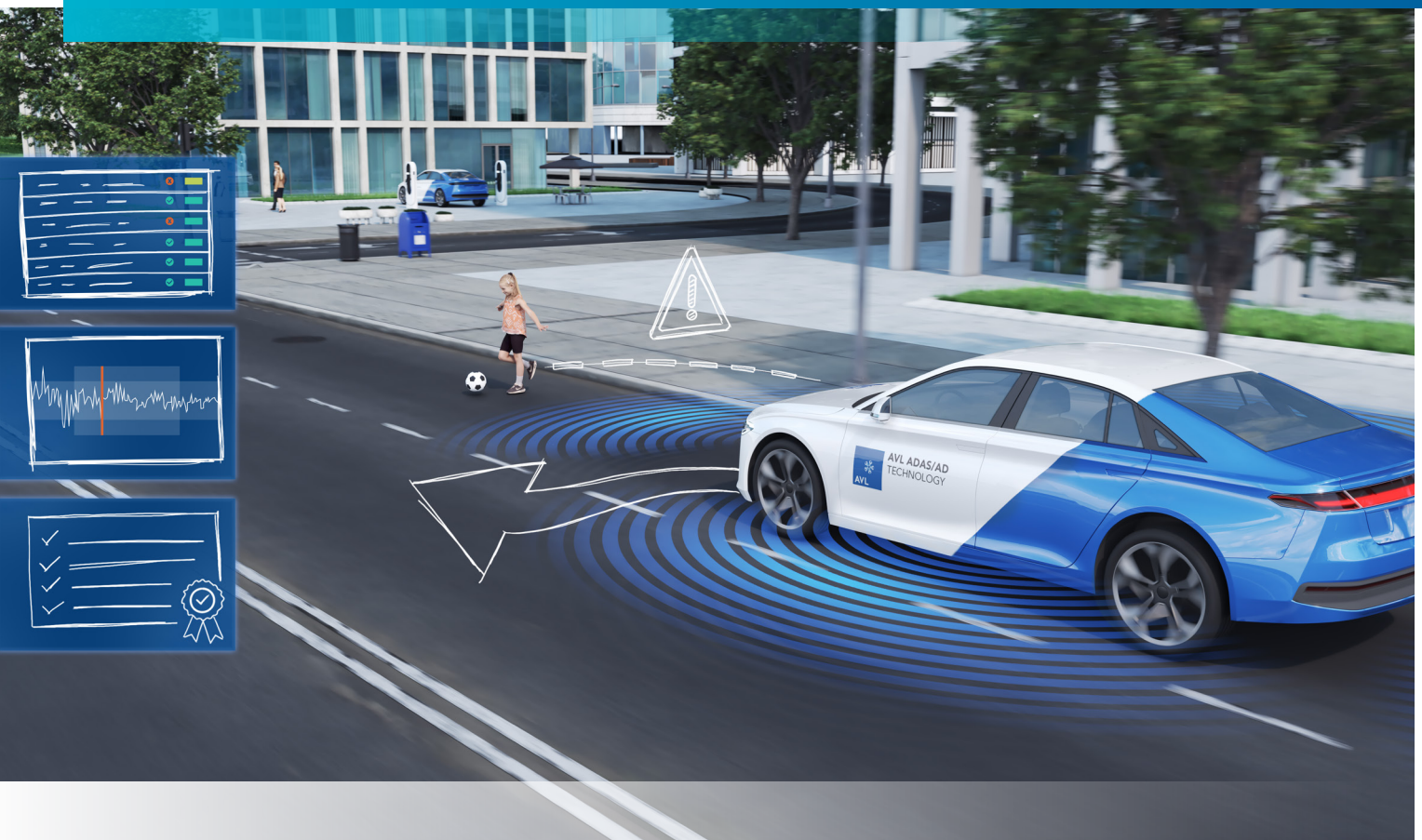




AVL Smart ADAS Analyzer™

Boosting Your Proving Ground Testing Efficiency

The scope and complexity of active safety testing are expanding rapidly, driven by the increasing number of Advanced Driver Assistance System (ADAS) functions and evolving global regulations and consumer tests such as NCAP and UNR.

This results in a growing number of highly complex test scenarios that must be reliably executed, validated, and documented under tight time and cost constraints. Efficiency is fundamental to address these challenges.

FROM COMPLEXITY TO CLARITY ON THE PROVING GROUND

The AVL Smart ADAS Analyzer™ is a holistic, open software designed to support the full end-to-end workflow for NCAP/UNR and active safety testing on the proving ground. It enables teams to master growing data complexity and protocol variety, while boosting efficiency and test quality.

INSTANT TEST VALIDATION AND SCORING

Our software provides instant feedback on test validity, scoring, and regulatory compliance immediately after test execution. This minimizes delays, eliminates guesswork, and ensures issues can be corrected without repeating entire tests — saving both time and cost.

AUTOMATED INSIGHTS

A signal plot, Polygon view, and video player are prepared to help engineers detect problems early, understand root causes faster, and reduce dependency on expert know-how. The tool handles evaluation complexity so your team can focus on decision-making and continuous improvement.

STREAMLINED REPORTING

Generate comprehensive NCAP/UNR reports — including full maneuver catalogs and scoring summaries — with minimal effort. Predefined report templates like NCAP excel report and MME ensure alignment with regulatory standards and can be tailored to customer-specific formats.

OPEN INTERFACES

The AVL Smart ADAS Analyzer™ offers a consistent toolchain with open interfaces for integration into different proving ground equipment from leading suppliers such as 4activeSystems, AB Dynamics, and Humanetics.



YOUR VALUE

Protocol Readiness	An integrated global protocol database enables accurate test evaluation and is continuously updated to ensure up-to-date analysis.
Validated Efficiency	Automated import and instant validation facilitate clear, objective decisions on the necessity of retesting and streamline the testing process.
Seamless Compliance	The software provides end-to-end support for proving ground test workflows, handling .mf4, .txt, as well as native files from test equipment, and generates protocol-compliant reports.
Flexibility & Expertise	Users can easily modify KPIs and validation criteria, while our experts handle complex changes to ensure quick and efficient test success.

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