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PRESS RELEASE – For Immediate Release

New Integration Connects Test Data Management and Signal Analysis

End-to-end measurement data analysis with FAMOS and ASAMCommander based on ASAM ODS – no file export, no proprietary plugins, and with complete metadata

Berlin/Idstein, Germany, June 18, 2026 — imc Test & Measurement and HighQSoft® have streamlined the analysis workflow for technical measurement data. Now, measurements from HighQSoft's ASAMCommander can be opened and processed directly in FAMOS. This new integration allows test engineers to search and filter ASAMCommander measurement data and immediately transfer it to FAMOS, the powerful measurement data analysis and reporting software.

The integration creates a seamless workflow from centralized test data management to detailed signal analysis. Users can select measurements in ASAMCommander and analyze them directly in FAMOS, including channels, units, sampling rates, and metadata. This saves time by eliminating manual file exports and makes it easier to work in a controlled manner with extensive and complex measurement data.

ASAMCommander is a web-based test data management application built on AReS Libertas, an ASAM ODS 6 server from HighQSoft. The software helps engineering teams search, filter, and manage measurement data across the entire organization. FAMOS is an established software environment for the analysis, visualization, automation, and documentation of large-scale measurement data – including automotive test data from test bench applications, proving ground and validation drives, as well as in the aerospace, railway, and mechanical engineering industry.

The new integration connects the structured management and provision of measurement data in ASAMCommander with the powerful measurement data evaluation in FAMOS. Test engineers can thereby continue to use existing FAMOS analysis workflows, macros, and reporting processes, while measurement data remains centrally stored in the ASAM ODS repository.

With the current release FAMOS 2026 +AI, engineers additionally gain further interfaces to cloud and big data workflows through new support for Apache Parquet and MDF4 files, an improved AI assistant for creating and implementing evaluation steps, calculations, and visualizations, new signal processing functions with extended analysis capabilities - particularly for interval-based and periodic signals - and enhanced

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visualization, selection, and reporting features for time-efficient and targeted evaluation of large-scale measurement data, as well as consistent and professional reports in corporate design.

Technically, the connection is based on open interfaces and standards. FAMOS provides a flexible Python API. HighQSoft uses pyHQL, a Python library for the HQL Query Language on ASAM ODS. This combination allows measurement data from the ASAM ODS system to be integrated directly into FAMOS sequences. No proprietary plugins, special vendor SDKs, or recompilation of applications are required.

For extensive test campaigns such as those in the automotive industry - where ASAM ODS is established as a global standard for test data management - this integration offers clear advantages: relevant measurements can be selected from thousands of datasets in ASAMCommander, transferred directly to FAMOS, and evaluated there immediately. This seamless handover simplifies the evaluation of vehicle tests, test bench trials, and other data-intensive development and validation processes.

"FAMOS 2026 +AI can be easily connected to modern, cloud-based data management systems while supporting established standards such as ASAM ODS. This allows us to combine centralized data storage with powerful measurement data analysis – helping test and validation teams evaluate large volumes of data significantly faster and more productively,"

says Daniel Förder, Strategic Product Manager Software at imc Test & Measurement.

At Automotive Testing Expo Europe 2026 in Stuttgart, June 23-25, 2026, visitors will be able to experience FAMOS 2026 +AI live and discuss specific post-processing applications in automotive testing with imc experts - from rapid plausibility checks and automated test bench evaluations to AI-assisted analysis workflows.

For more information on the current FAMOS 2026 +AI, visit: <https://www.imc-tm.com/products/measurement-software/imc-famos>.

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It caters to customers in automotive and mechanical engineering and in the railway, aerospace and energy industry worldwide. imc sensors, data acquisition systems and software as well as its integrated solutions enable its users to validate prototypes, optimize products, monitor processes and to gain insights from measurement data in mobile or in stationary applications.

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