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PRESS RELEASE - For Immediate Release

FAMOS 2026 + AI: Faster Insights from Engineering Measurement Data

Berlin (Germany), April 14, 2026 - imc Test & Measurement has announced the release of FAMOS 2026 + AI, the latest version of its engineering data analysis software. The new release enhances AI-assisted workflows and introduces new capabilities for signal processing, visualization, and reporting.

Engineering teams generate massive volumes of measurement data. However, turning these datasets into reliable insights is often slowed down by tools that were not built for engineering workflows. While spreadsheet software is familiar, it quickly reaches its limits with large datasets and requires significant manual effort for visualization. Programming environments such as Python® or MATLAB® offer powerful capabilities, but they require coding expertise and a time-consuming setup process.

FAMOS 2026 + AI addresses this issue by providing a dedicated environment for analyzing engineering measurement data. The software helps engineers efficiently transition from raw data to actionable insights by combining automated analysis with flexible visualization and reporting.

AI-supported analysis provides faster answers

A central capability of FAMOS is the AI assistant, which helps users explore measurement data and perform analysis tasks. With the latest release of FAMOS 2026 + AI, we have made significant improvements to this core feature. The AI assistant helps engineers quickly transform complex datasets into clear, actionable results supporting data analysis workflows and streamlining the generation of visualizations, calculations, and reports. This frees users to focus on interpreting results rather than preparing data.

Extract insights from large measurement datasets

FAMOS 2026 + AI expands analytical capabilities designed for large and complex datasets. Enhancements include more powerful interval-based and periodical signal processing as well as new analysis functions such

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as the vibration filter flat(h) according to ISO 5349-1 and ISO 8041, and Hilbert transformation for envelope calculation.

Support for Apache Parquet allows users to preview, import, and export cloud-based data simplifying handling large datasets stored in modern data environments, including integration into the Windows Explorer for previewing files in a fraction of seconds. Project encryption has also been streamlined, making it easier for teams and system integrators to protect their analysis projects.

Clear visualization of complex results

With FAMOS 2026 + AI, improvements in visualization make engineering results easier to interpret. These include a new horizontal bar graph mode and markers that can be placed precisely on samples for more accurate inspection of measurement signals.

These visualization options allow engineers to explore and present analysis results with either coding workflows or graphical tools.

Faster reporting and dashboards

FAMOS also supports the efficient creation of technical documentation. Master layouts now allow for consistent headers and footers across reports and dialog panel pages — including easy import of company logos, giving reports a polished, branded look.

By combining AI-assisted workflows, advanced signal processing, and flexible visualization, FAMOS 2026 + AI helps engineers stop struggling with measurement data and start learning from it.

For more information, visit the FAMOS Website <https://info.imc-tm.com/famos-2026>.

About imc Test & Measurement GmbH

imc Test & Measurement (Berlin, Germany) manufactures innovative solutions for test and measurement in research, development, service and production.

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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