

New version of imc STUDIO 2022 Future-proof with 64-bit technology



Berlin, 31 March 2022 – With imc STUDIO 2022, imc Test & Measurement, a brand of the measurement technology company Axiometrix Solutions, is releasing a new version of its comprehensive measurement technology software for the entire measurement process. imc STUDIO 2022 now has a 64-bit architecture and, thanks to parallelization, makes optimum use of modern multicore PC hardware. Users can look forward to performance improvements in the new version when streaming, displaying and analyzing large data streams and also benefit from numerous improvements that, among other things, facilitate collaboration with the imc FAMOS data analysis software.

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After consultation, we will assume costs associated with publication.

With the revision of the complete code base and conversion to modern 64-bit technology, imc STUDIO 2022 provides its users a future proof platform to face their growing requirements and challenges in measurement and testing applications.

When acquiring, processing and evaluating extensive measurement data, whose file sizes may now exceed 2 GB, and when executing various tasks in parallel, imc STUDIO 2022 features higher performance and scalable processes. For example, high data rates can be streamed smoothly while imc Inline FAMOS simultaneously performs real-time calculations. In addition, thanks to the newly implemented imc3 data format, imc STUDIO 2022 can display even large amounts of data quickly and allows smooth navigation, scrolling and zooming, and is robust even in the face of an interruption in data transmission and incomplete data sets.

In order to cope with increasingly complex measurement and data acquisition tasks that place high demands on users, the new version of imc STUDIO 2022 offers many improvements. These can further clarify and simplify workflows, make operation more intuitive and contribute to more efficient daily work in general. For example, operation of the data browser has been simplified and interplay with the data analysis software imc FAMOS has been improved. Furthermore, imc STUDIO 2022 has undergone a "facelift" so that it now harmonizes with the current version of the imc FAMOS data analysis software with its modern and even clearer user interface (GUI).

imc Test & Measurement GmbH

imc Test & Measurement GmbH is a manufacturer and solution provider of productive test and measurement systems. Together with its customers from the fields of automotive engineering, mechanical engineering, railway, aviation and energy, imc implements metrological solutions for R&D, service and manufacturing. Every day customers use imc data acquisition devices, software solutions and test benches to validate prototypes, optimize products, monitor processes and gain knowledge from measurement data. The claim “productive testing” is consistently pursued by imc. The company offers its customers top technological performance along the entire measurement chain.

The core of the product portfolio consists of imc's modular data acquisition, control and automation systems, which are supplemented for customer applications by tailor-made sensor and telemetry systems. Using the imc software platform, users can quickly and easily implement comprehensive test and measurement processes, perform real-time analyses and automate test benches. With powerful software tools for the analysis and management of test and measurement data, as well as cloud services, imc sets trends in future technologies, such as smart data analysis, and brings measurement technology solutions to industry 4.0 and the Internet of Things (IoT).

As a solution provider, imc offers its customers an attractive range of services. The service includes project consulting, contract measurements, data evaluation, outsourcing of specialists and customer-specific software development through to system integration and test bench automation. Our team of engineers and natural scientists has extensive project experience and a high level of competence in solving test and measurement tasks.

Founded in Berlin in 1988, the company employs around 250 people. With its headquarters in Berlin, three further locations in Germany, worldwide offices in Europe (Austria, Switzerland, France, Spain, England, Hungary and the Netherlands), the USA and in Asia (China, South Korea) as well as a global partner network, imc customers can find direct contacts in more than 30 countries. imc Test & Measurement is part of Axiometrix Solutions, a leading test solutions provider comprised of globally-recognized measurement brands.