



Get a head start: the faster, cheaper way to analyze your test data

Data volumes are growing exponentially in today's world, so you need your measurement data management to achieve one primary goal: you must always have your data to hand – either for your own research and development work, or to meet the requirements of your partners and data customers. Kistler offers you exactly the support you need to achieve that goal with our MaDaM system, backed by know-how gathered from numerous lab installations.

MaDaM supports more than 100 industry-standard file formats, and the list is extended regularly. That means you can index measurements recorded by several different DAQ systems – so MaDaM is a perfect match for your existing measuring chain: there's no need for extra DAQ hardware investments, and you can be sure your data management is future-proof.

With diverse options for modelling, normalizing, and linking metadata to your measurements, you add meaning to your data and you benefit from greatly improved searchability. You'll save valuable time every day because you can find and filter measurements quickly with the help of specific attributes or a full-text search, based on cutting-edge index technology.

Unification of metadata, channel names and units enables access to semantically identical but structurally different measurement files. You invest much time and effort in creating analyses and report templates: now, you can re-use them as often as you want by establishing clear search conventions.

Benefits

Use data from multiple sources

- manage data exported from your existing DAQ systems and data loggers
- build a future-proof data management system

Find all the data you need for the task at hand

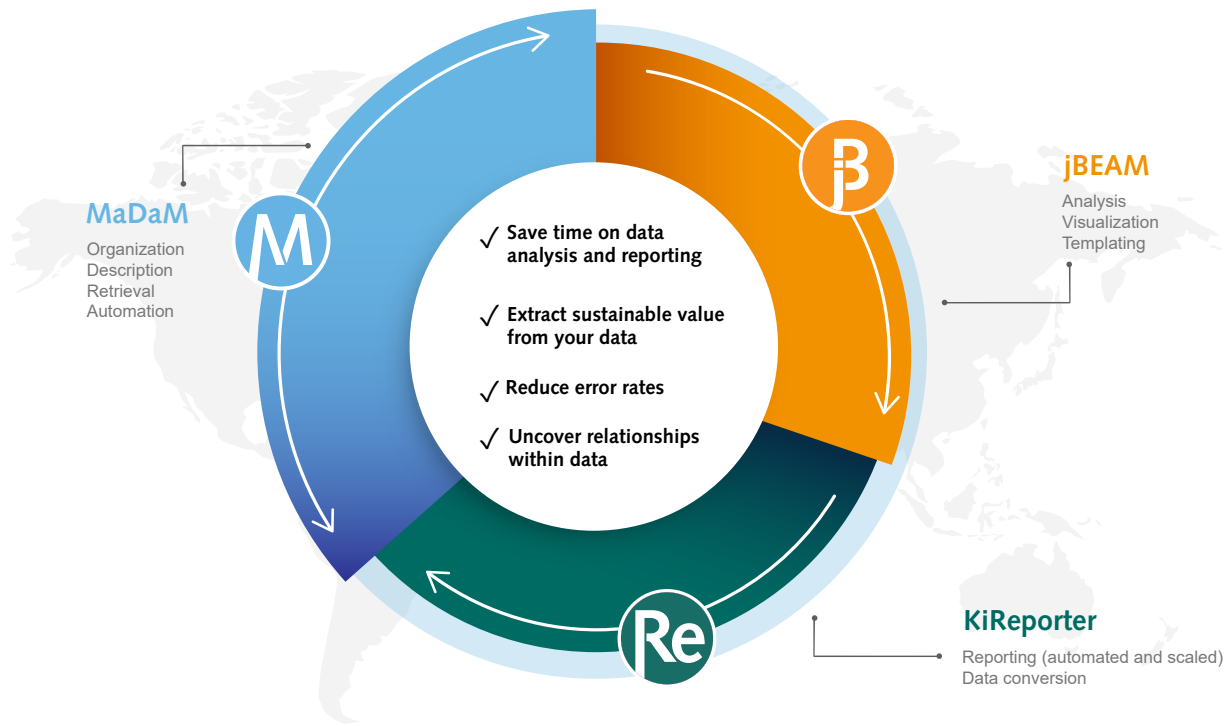
- add meaning by describing data
- normalize meta data, channel names, and units
- find and access data immediately – regardless of sources

Gain insights and make decisions

- inspect channel previews quickly
- perform in-depth analyses with jBEAM, our expert tool
- automate reporting with KiReporter

Place your data wherever you need it

- choose on-premises or cloud deployment
- scale according to your needs
- re-use existing corporate user directories



Make the most of your data: MaDaM seamlessly integrates data retrieval, analysis, and reporting.

Professional measurement data management and data analysis – in perfect harmony

You can show channel previews directly within the web application, navigate interactively, and zoom into the graphs. There's no need to load measurements into another expert tool. If you simply want to check a trend, you can save a lot of time and keep focused on the actual task at hand.

As you'd expect, MaDaM also makes it easy to analyze your measurements in greater depth. Thanks to customized integration of metadata management and data analysis powered by our KiReporter and jBEAM products, you collect and analyze data in next to no time. You'll gain insights by working interactively with your data in jBEAM, or you can establish the basis for making decisions by automatically creating and emailing reports in either PDF or Word format. You'll save time, reduce errors, and extract relevant information earlier.

You can run MaDaM according to your preferences or corporate guidelines. You decide whether you want to operate the solution on-premises in your data center, or in your own private cloud. Windows servers are supported as well as Linux environments – either native or containerized. Because MaDaM's architecture is scalable, you can start out small and expand the solution to meet your changing needs for performance or applications.

By connecting to your company's active directory or LDAP, you can quickly get your users to work with existing user group architectures, and re-use them. Localization of the user interface supports your collaboration with international teams.

Features

- manual or automated data import
- data enrichment on import thanks to custom calculations
- more than 100 industry-standard formats
- metadata modelling, extraction, harmonization, and validation
- field-based and full-text search, including suggestions
- fast and comprehensive data analysis and reporting
- user- and role-based access control
- scalable background task processing
- modern web user interface
- activity and audit log

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