



SAR@MES

PRODUCTION MANAGEMENT SYSTEM

We are setting new standards for you on the path to the smart factory



MANUFACTURING EXECUTION SYSTEM

sar@mes enables networked production through real-time information on manufacturing progress, malfunctions, and downtime - anytime, anywhere. This allows your company to remain flexible and responsive. Start the future with us!

OUR SOFTWARE CREATES CONNECTIONS

We connect people, machines, and data for efficient collaboration. People remain at the center of this process - their knowledge and experience turn technology and companies into a functioning whole.



WE MAKE YOUR VISIONS A REALITY

Gain a global overview of your locations and optimize production, costs, and organization at the touch of a button. Your requirements are our focus - your visions inspire our innovations!

WORKING TOGETHER TO FIND THE RIGHT SOLUTION

We provide comprehensive support for your software implementation - from on-site analysis and step-by-step rollout to consulting in workshops and at your workplace.



sar@mes FLEXIBLE MES SYSTEM

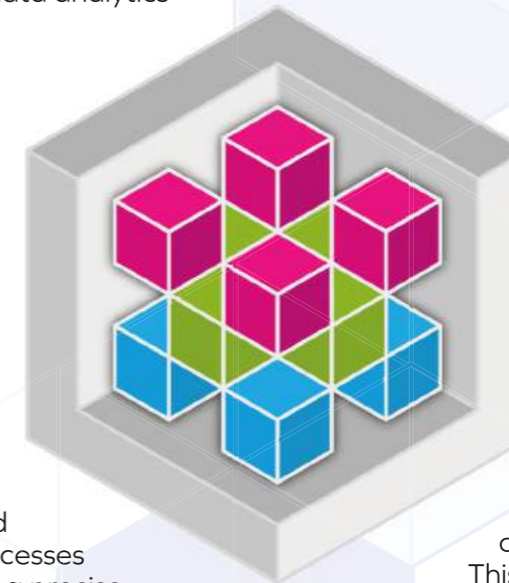
Thanks to its modular design, the sar@mes solution adapts flexibly to your company's requirements. Data, modules, and interfaces are optimally coordinated and work together seamlessly.

INTERFACES

This level seamlessly connects manufacturing with all relevant enterprise systems - from equipment and ERP to big data analytics and AI.

MASTER DATA

Management of system data for assets, tools, and users



PROCESS DATA

The system collects machine and operating data in real time, consolidates it, and checks its plausibility. This information enables rapid responses in the manufacturing process and the optimization of higher-level business processes.

MODULES

Our MES system allows you to plan, control, monitor, and analyze your production processes around the clock. It provides a precise database for identifying, eliminating, and preventing weak points in the long term. The modules enable you to optimize your production and reduce costs sustainably.

- Increased transparency, speed, and flexibility
- Ergonomic dashboards as a basis for decision-making
- Standardized interfaces
- Networking of company levels
- Individual visualization to support production
- AI evaluations

Multi-Client Capability



Dashboard

Cockpit for management and departments



Monitoring

Evaluations, configuration

Visualization and evaluation of production

- Real-time monitoring for individual systems and the entire plant
- Transparent machine statuses – from key figures to alarm messages
- Complete control of the entire product life cycle
- Evaluation of all recorded serial or batch numbers for seamless traceability
- Consistent material tracking across all production steps
- Intuitive data selection for maximum user-friendliness and high acceptance

sar@mes USES PROVEN SOFTWARE MODULES TO MAKE THE MOST OF YOUR POTENTIAL



Process Data

MDE, BDE, tracking & tracing



Master Data

Manage systems, tools, and users

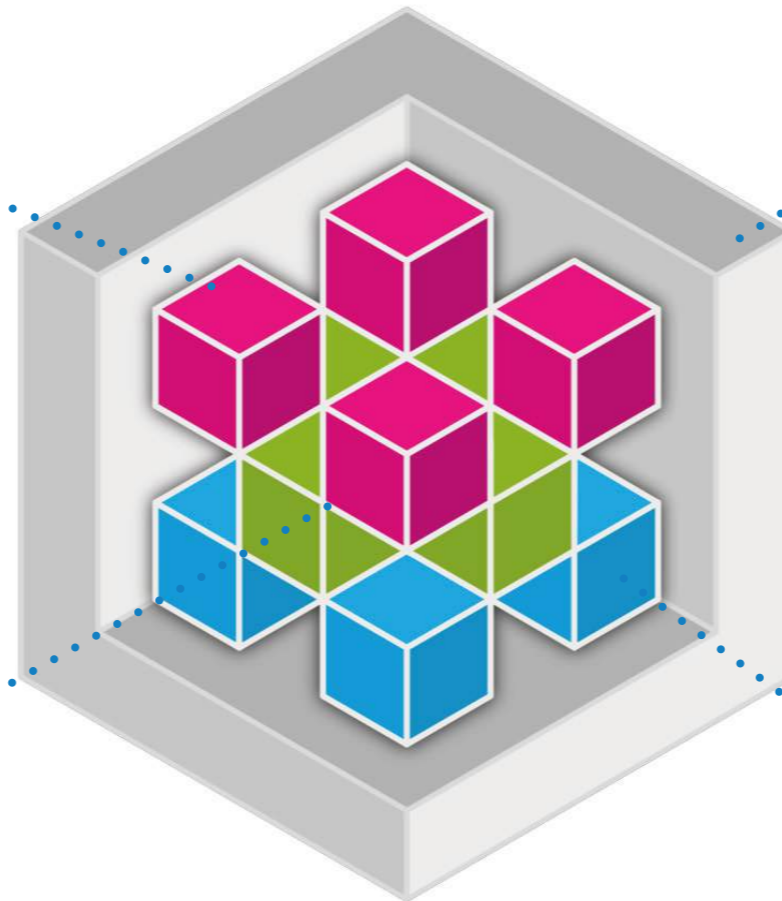


Interfaces

AI, big data analytics, ERP

Configurable interface layer

- Seamless connection to existing ERP and PPS systems for order acceptance and feedback
- Direct machine integration via OPC, Profibus, Siemens S7, Euromap E63, and many more
- Automated recording of all relevant machine and operating data
- Intelligent plant control via standardized interfaces
- AI-supported evaluations for optimized decisions



Maintenance

Intelligent, system-controlled maintenance support for maximum plant availability

Production at a glance – digital, mobile, efficient

With the graphical plant overview, digital maintenance workflows, and intelligent energy management, you can keep your production under control at all times.

Processes can be intuitively controlled, analyzed, and optimized – for maximum transparency and efficiency throughout the entire plant.



Alarms

Faults and messages with escalation management



Intralogistics

Storage system



Diagnosis

Telegrams, connections, auditing

Easy coordination and optimization

- Transparent and efficient material management
- Higher utilization and increased productivity
- Real-time control of all material flows
- Seamless material tracking
- Shorter throughput times thanks to optimized processes
- Maximum transparency across all logistics areas
- Meaningful analyses and reports
- Flexible, customizable functions

Mobile use

The sar@mes framework is based on modern web technologies. Thanks to its special architecture, all interfaces can be used on any device and operating system.





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