8SIGMA MES

Factory at your fingertips

8SIGMA

Improving your production

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Integrating your factory's departments and systems with 8SIGMA MES software

8SIGMA MES is our Manufacturing Execution System solution based on ANSI/ISA-95 international standard bringing Industry 4.0 and Internet of Things (IoT) support to your production process. Our product can serve factories of various scale, from small to very large, and can be used for different industries.

Energy

Targeting energy efficiency and environment friendliness. Monitoring resources usage. Connections to government compliance systems.



8SIGMA

software

Quality Fully involve inspec-

Business

cated Sales. Human

Integration with ERP, dedi-

tions and quality control into your process lifecycle. Connections to measurement devices and LIMS.

Maintenance

Optimize maintenance activities. Connections to Computerized Maintenance Management System (CMMS) and Enterprise Asset Management (ASM).

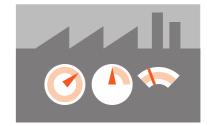
Production

Get your whole factory floor integrated and coordinated in real time. Connections to production machines and various systems involved in the process.

Inventory

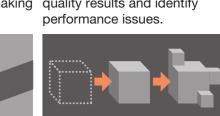
Warehouse Management System (WMS) and Material Tracking System (MTS). Supporting also transport, logistics and shipping.

MES key benefits



Immediate factory visibility

Instantaneous and paperless information flow allows making quality results and identify informed decisions.



Product genealogy Traceability from resource to

Compare results with targets

Automatically calculate KPIs,

Customer oriented

Helps keep your promises of quality and time targets to customers.



Compare employee

performance

market, can be included in

Plan optimization

Production schedule including maintenance in an order best fitting particular cases.



Downtime analysis

Helps trail down and eliminate root causes and bottlenecks.



Allows honoring superheroes and

Machine load analysis

Allows proactive maintenance and better planning.



Machine setup

Provides and helps improve on production recipes, supporting production standardization.



Highly configurable and flexible

Easy future expansions and adaptation to a changing market conditions.