



**SIEMENS**

[siemens.com/mom](http://siemens.com/mom)

# Digitalize operations. Realize innovation.

Software solutions for manufacturing operations management.

Replicating improvement across all plants and integrating intelligence from the shop floor to the top floor while maximizing efficiency and quality across production operations are the goals of manufacturing companies.

Siemens MOM (Manufacturing Operations Management) standardize and optimizes manufacturing processes, minimizing lead-times, optimizing asset utilization, reducing global Time-to-Market improving response time and increasing production visibility.

This is critical for gaining the full benefits of further investments in manufacturing operations management solutions covering the whole enterprise.

Siemens shows a strong commitment to Industry Software business through its innovative stance and its long term vision of a fully integrated software portfolio that will ultimately offer its customers previously unachievable levels of productivity.

Siemens MOM offer allows you to combine production efficiency with advanced planning and scheduling, quality and visibility, as well as decreased time to production, ultimately resulting in higher manufacturing responsiveness.

Manufacturing is a key part of the value chain, which is why Siemens MOM integrates with the control and automation and with the business level, but also with the Siemens PLM software portfolio.

MOM allows customers to put their best laid plans into practice using our manufacturing services to:

- Execute production
- Enforce quality
- Reduce waste
- Provide transparency

Choose technology capabilities that are integrated through a common solution platform and support all aspects of manufacturing operations:

- Automate data collection
- Standardize processes
- Guarantee higher quality
- Provide visibility to decision makers investing in Manufacturing intelligence

Only Siemens is able to offer a complete and connected Industrial Portfolio with strong Industrial Software Layer.

**Realize innovation.**

# Siemens MOM offer

## Preactor - Advanced Planning and Scheduling

Preactor products are used by small and mid-size companies and large corporations to help meet demands made by their customers and beat the increasingly global competition. Due to the flexible data model and scheduling logic, Preactor products can be set up to meet a company's planning and scheduling needs no matter what they are.

## SIMATIC IT for R&D

SIMATIC IT R&D Suite is a well-considered answer to the real-life requirements expressed by existing Siemens customers. Major players in the process industry voiced their interest and need for a platform that would manage their entire R&D process in a structured, yet flexible manner, starting from a new project in research and development right up to the final product design, and smooth transfer to the manufacturing area.

## SIMATIC IT Production Suite - MES

SIMATIC IT provides a high-level environment that enables the definition of the manufacturing processes and operating procedures, synchronizing and coordinating the functions provided by its single components. SIMATIC IT Production Suite has been developed to provide cross-industry functions. Through layered libraries, objects defined in SIMATIC IT Production Suite can be more and more specialized in order to address specific industry segments.

## Quality Management System

The IBS QMS integrated standard software for the corporate-wide acquisition, management and analysis of quality information in manufacturing companies.

The solution optimises all phases of the product life cycle, from product creation and manufacturing to the point at which the product is in use.

Benefits of the CAQ=QSYS Quality Management Software Solution:

- Integration in ERP systems and interfaces to PLM, SCM and CRM systems
- Modular construction enables specific configuration in accordance with the respective customer requirements
- Supports DIN ISO 9000ff, QS9000, TS 16949 and VDA/ AIAG regulations

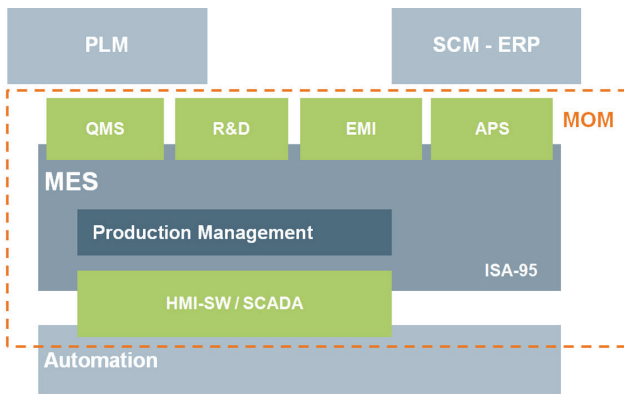
## SIMATIC IT Intelligence Suite

SIMATIC IT includes a set of products designed to give manufacturing operators, management, and executives increased visibility into plant information. The main goals of these products are separated into three main areas:

- Providing data integration and contextualization
- Helping in using information to make as real-time as possible decision.
- Analyzing information

## SIMATIC WinCC - SCADA

WinCC SCADA system offers maximum functionality and a user-friendly user interface. With this configurable and scalable system, you have the advantage of absolute openness to both the office environment and to production. An integrated process database and Plant Intelligence, for example, ensure transparency in production. Numerous options and add-ons extend and expand the scope of performance.



Siemens MOM is a Manufacturing Operations Management system completed with Manufacturing Intelligence capabilities.

In process industries, it offers specification, formulation and recipe management. In discrete industries, it connects to the engineering world.

### Find out more

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