



SYSPRO Manufacturing Operations Management (MOM)

SOLUTION FACTSHEET

SYSPRO Manufacturing Operations Management (MOM) is a manufacturing solution designed to world-class standards within SYSPRO Enterprise Resource Planning (ERP). It is built for manufacturers who want one system to optimize their entire factory and provides capabilities that can help increase productivity, reduce loss and lower production costs. With SYSPRO MOM your manufacturing execution system is fully-integrated into your ERP, giving you a single platform to monitor and improve your factory's performance.

The solution helps manufacturers:

- Measure performance and drive toward world class standards of operation for overall equipment effectiveness (OEE), total effective equipment performance (TEEP) and overall labor effectiveness (OLE).
- Increase productivity and reduce costs by minimizing losses within the business.
- Optimize operational efficiencies through better workflow of core manufacturing activities: schedule, publish, collect, track, analyze and improve.
- Connect machines and other devices to digitize the factory (Industry 4.0).

The benefits of MOM

SYSPRO Manufacturing Operations Management (MOM) enables organizations to generate accurate schedules that consider constraints around resources like people, machines, tooling and materials. SYSPRO MOM is a finite-capacity scheduling system that is integrated within SYSPRO ERP, giving you a single platform to monitor and improve your factory's performance.

The solution can help you take control of your manufacturing operations and start to:

- Improve on-time delivery to your customers.
- Control labor and machine costs.
- Reduce downtime and bottlenecks.
- Improve product quality.
- Increase productivity and throughput.
- Reduce overall cost of manufacture.

Product Version:

SYSPRO 8

Sectors:

Manufacturing and Distribution

Industries:

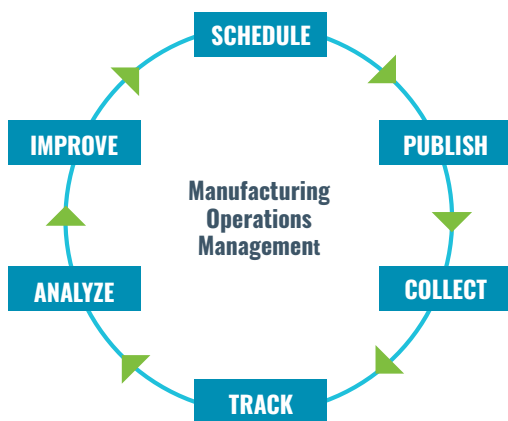
- Automotive Parts and Accessories
- Electronics
- Fabricated Metals
- Food and Beverage
- Industrial Equipment and Machinery
- Packaging
- Plastics and Rubber

MOM features

A 360° View of Production

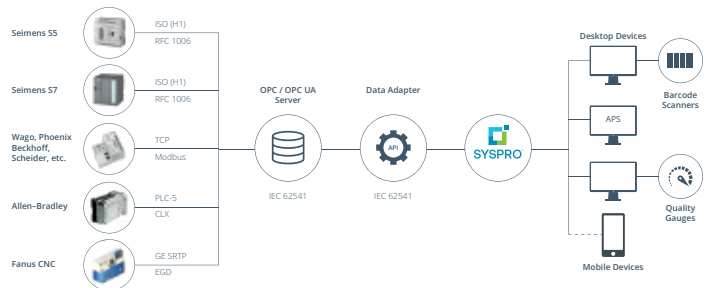
SYSPRO Manufacturing Operations Management (MOM) supports your complete manufacturing lifecycle, providing you with a 360° view of your production processes. Making use of the latest technologies, it provides you with a modern and intuitive, browser-based user-interface, allowing you to gain visibility of any stage of the manufacturing process at any time, from any device anywhere in the world. The solution enables you to connect with your machines and read real-time data allowing accurate management decisions.

- **Schedule** – quickly and accurately schedule processes to maximize order fulfilment and resource utilization.
- **Publish** – publish schedules and job lists to the shop floor and other departments easily.
- **Collect** – collect data from the shop floor i.e. employees and machines.
- **Track** – gain real time visibility of employees, equipment performance and job progress.
- **Analyze** – access out-of-the box analytics for OLE, OEE and TEEP to analyze plant performance.
- **Improve** – drive continuous improvement by analyzing the Six Big Losses, online documents and more.



How it Works

Manufacturing Operations Management (MOM) uses OPC unified architecture (IEC62541) to allow information to be easily and securely exchanged (<https://opcfoundation.org/>). Once data has been converted it can be published and then analyzed within the solution.



Depending on whether your machines are already data-enabled or not, you will either be able to extract the data directly from the machine, or you will need additional sensors that will need a sensor capable of capturing data in relation to the activities above. These sensors provide raw machine data which needs to be recorded centrally before being digitized and transformed into readable data.



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