iT ENGINEERING
MANUFACTURING SOLUTIONS

EMC.OrderManagement

Manage all production orders easily and transparently

With the **EMC.OrderManagement module,** you can easily **manage all orders in real time, monitor them transparently and, if necessary, simply reschedule them** to avoid overcapacity. It offers you the **important flexibility during ongoing production to react quickly** to disruptions, for example, and then simply make changes. In contrast to separately managed lists, digital networking gives you the **security and advantage** that the worker is **always reliably shown the correct sequence of orders** on the terminal. The result is **better utilization of machines** and departments and **less idle time.**

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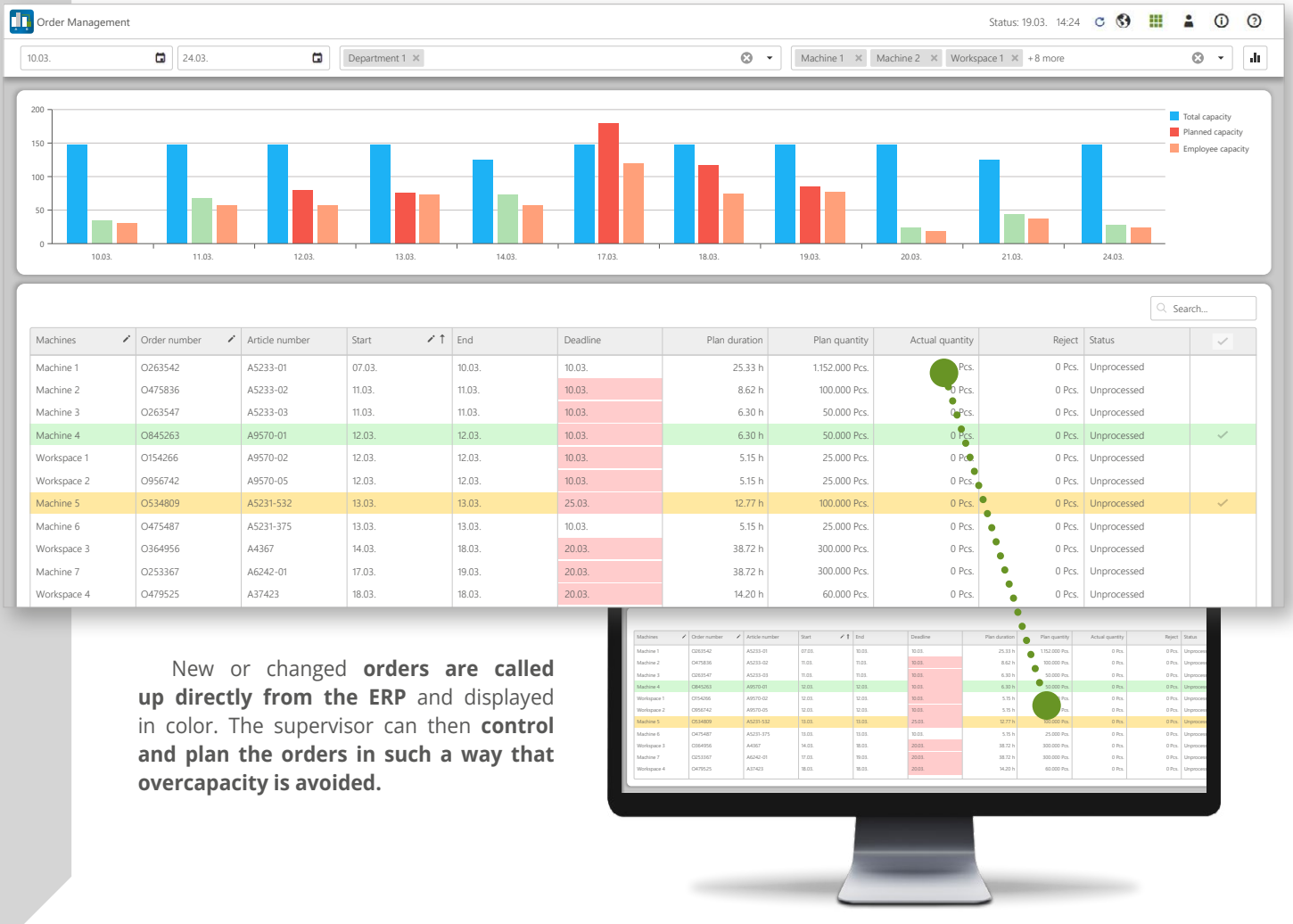
EMC.OrderManagement

Efficient control of machine and department capacity utilization

With the **EMC.OrderManagement module,** the **machine and employee capacities of the department** and the **list of production orders per machine** are displayed in real time based on the selected filters. Thanks to **real-time monitoring,** you always have a **complete overview of machine and department utilization** and can intervene directly if necessary.



New or changed **orders are called up directly from the ERP** and displayed in color. The supervisor can then **control and plan the orders in such a way that overcapacity is avoided.**

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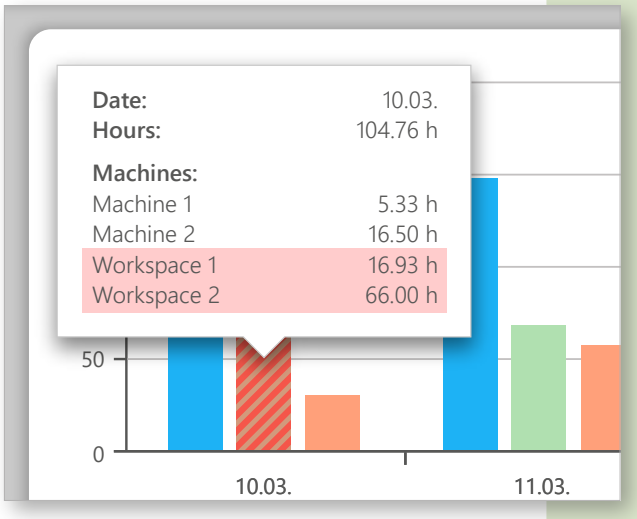
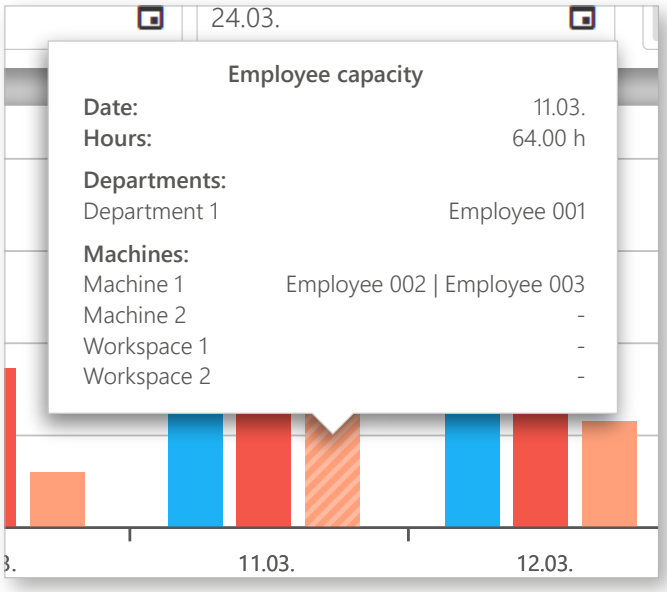
Capacity of the department

The blue bar always shows the **possible machine working time** of the selected department.

The second bar shows the **planned capacity and utilization of the department** in detail. Overloaded machines or workstations are automatically highlighted in color.

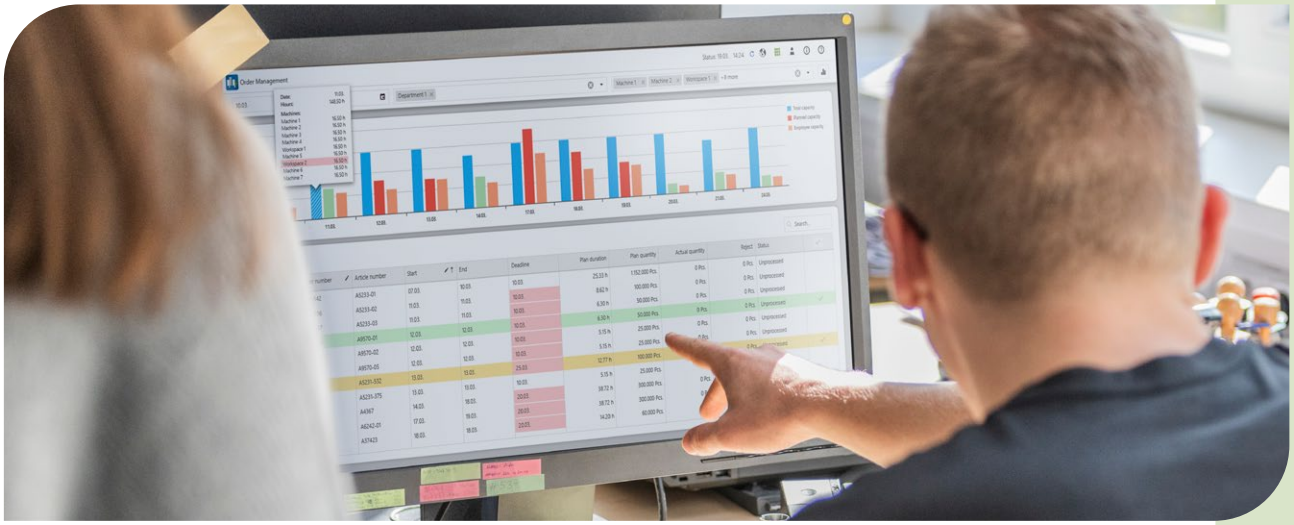




Employee capacities

Which employees are scheduled for the machines or the department? In combination with the **EMC. TeamPlanner module,** the employee capacities are displayed via a third bar.

This allows the supervisor to see immediately if he **needs to schedule more people for the orders.**



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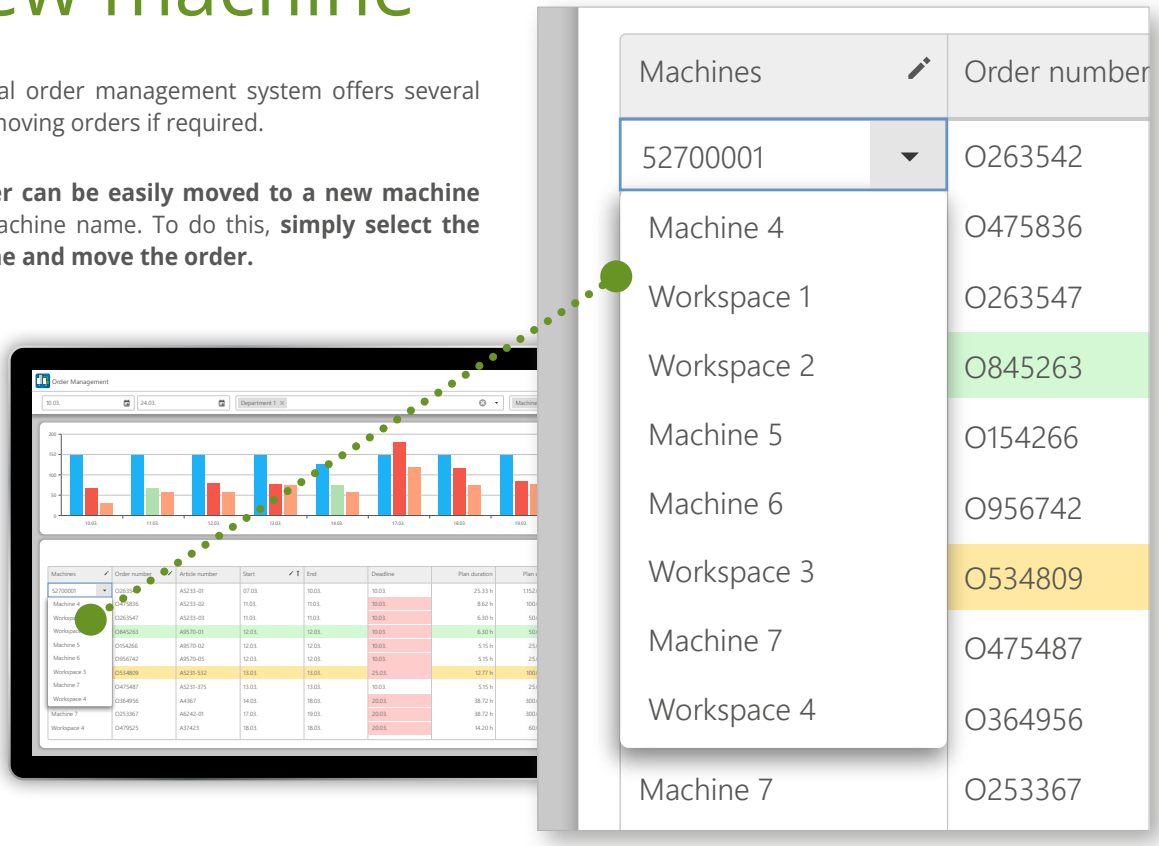
Assign orders to a new machine

The digital order management system offers several options for moving orders if required.

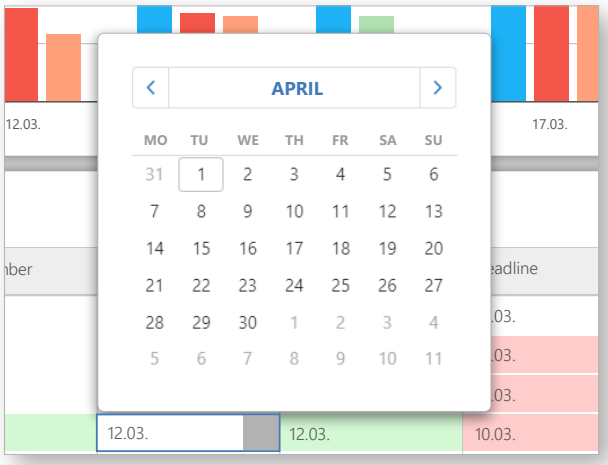
The **order can be easily moved to a new machine** using the machine name. To do this, **simply select the new machine and move the order.**



Simply move the start date of orders

In addition to assigning an order to a new machine, **orders can also be rescheduled.** If there are capacity bottlenecks, the **start date of the orders can be postponed via the calendar.**

Regardless of which type of order postponement the foreman chooses, thanks to digital networking, **the worker is always shown the correct planning sequence of the orders on the machine terminal.**



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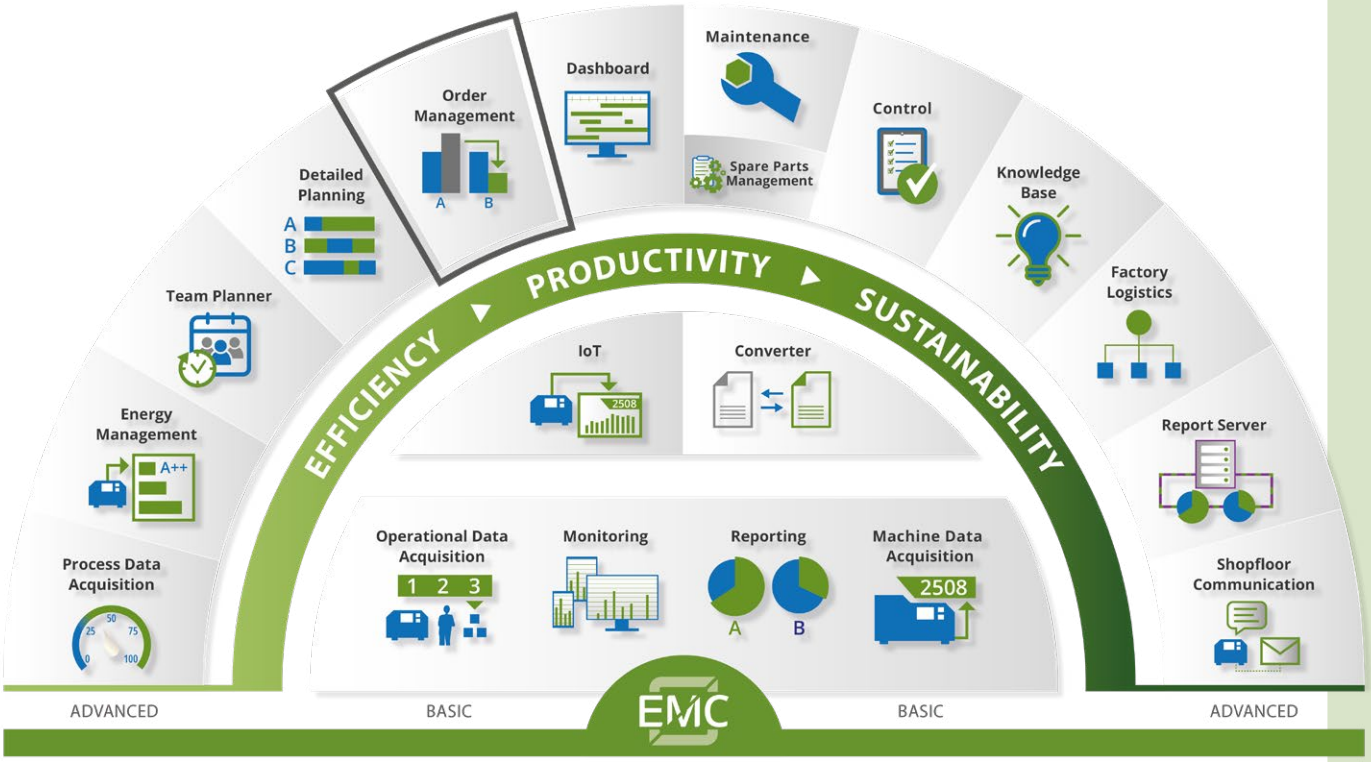
MES Software EMC

The solution for your smart networked manufacturing

Our user-friendly MES Software EMC controls all digital processes on the shopfloor **from planning, implementation, maintenance to traceability, shipping, production orders and a sustainable evaluation.**

It adapts completely to your needs, integrates into your existing IT landscape and brings together the data streams from ERP and the shopfloor.



The **modular architecture** of the MES Software EMC offers you the important **freedom and flexibility** in the implementation of your future-oriented production. Together with the **central MES database,** it is the basis for a **customer-oriented implementation - step-by-step or holistically - individual modules or as a complete system.**

No matter which solution you choose, with EMC you are always one step ahead and have the **best possible transparency** in production. All with the aim of **increasing your efficiency.**

iT Engineering Manufacturing Solutions GmbH is your provider of a well-developed Manufacturing Execution System in production management.

As an IT and MES expert in the metal forming industry and thanks to our large network of partners and memberships in associations (including VDFI and netzwerkdraht e.V.), as well as the best contacts with machine manufacturers, we know exactly how to obtain the important data and how to use it to digitalize processes and thus increase efficiency and productivity in manufacturing.

Our MES Software EMC acts as a central information hub and, by integrating the production data, ensures integration of production data for transparent production processes, flexibility and cost efficiency.

With a high level of technical and industry competence as well as many years of experience and expertise, we accompany you personally and step by step in transforming your production into a digital factory.

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