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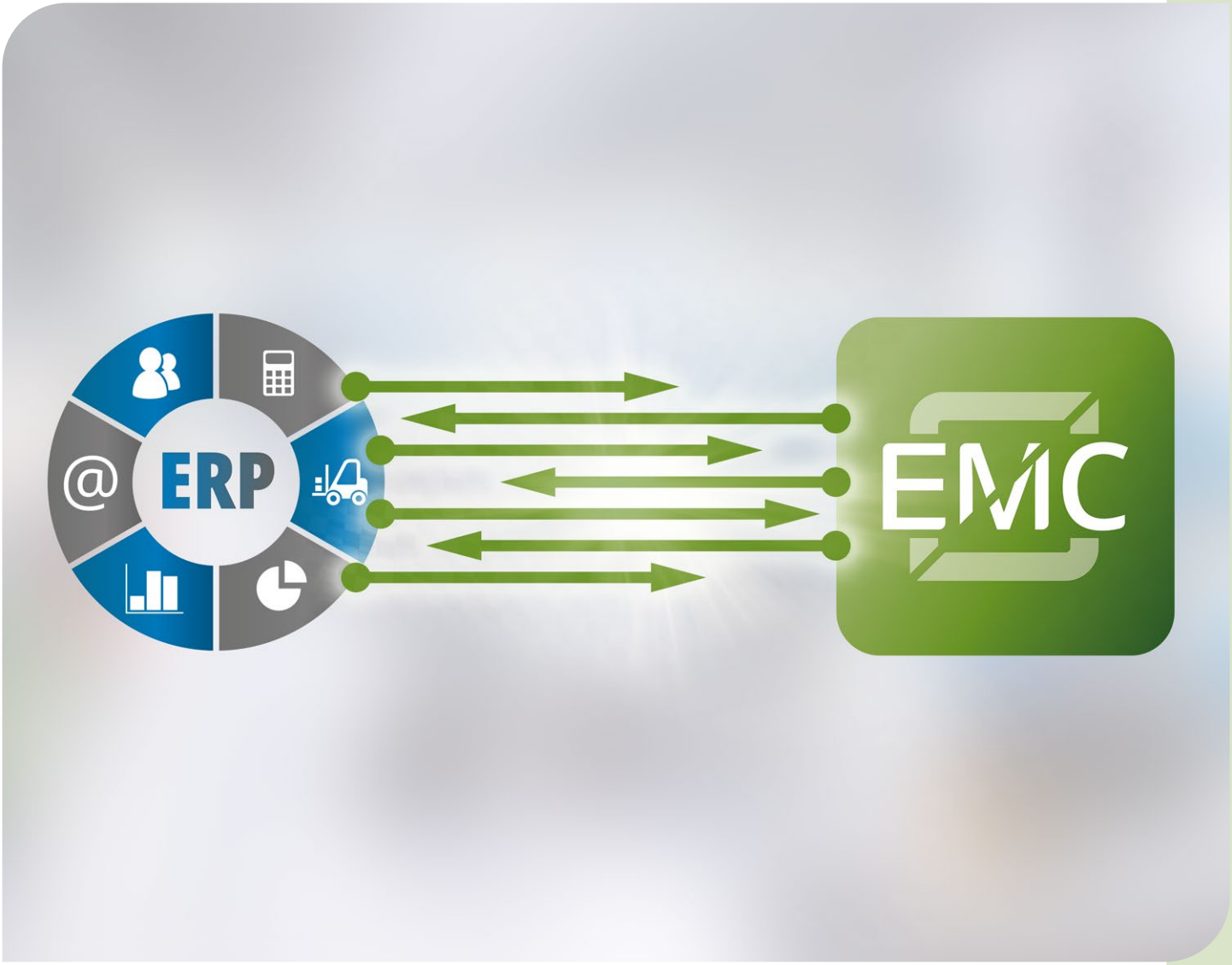

EMC.Converter

Reliable exchange between ERP and shopfloor

The **EMC.Converter module** enables **continuous, bidirectional data exchange** and **seamless communication between the ERP and the shopfloor.** This ensures **smooth access to order and article data and much more.** In addition, all data collected on the shopfloor is **efficiently made available in the existing system.** The module is compatible with all common ERP systems and is freely configurable.

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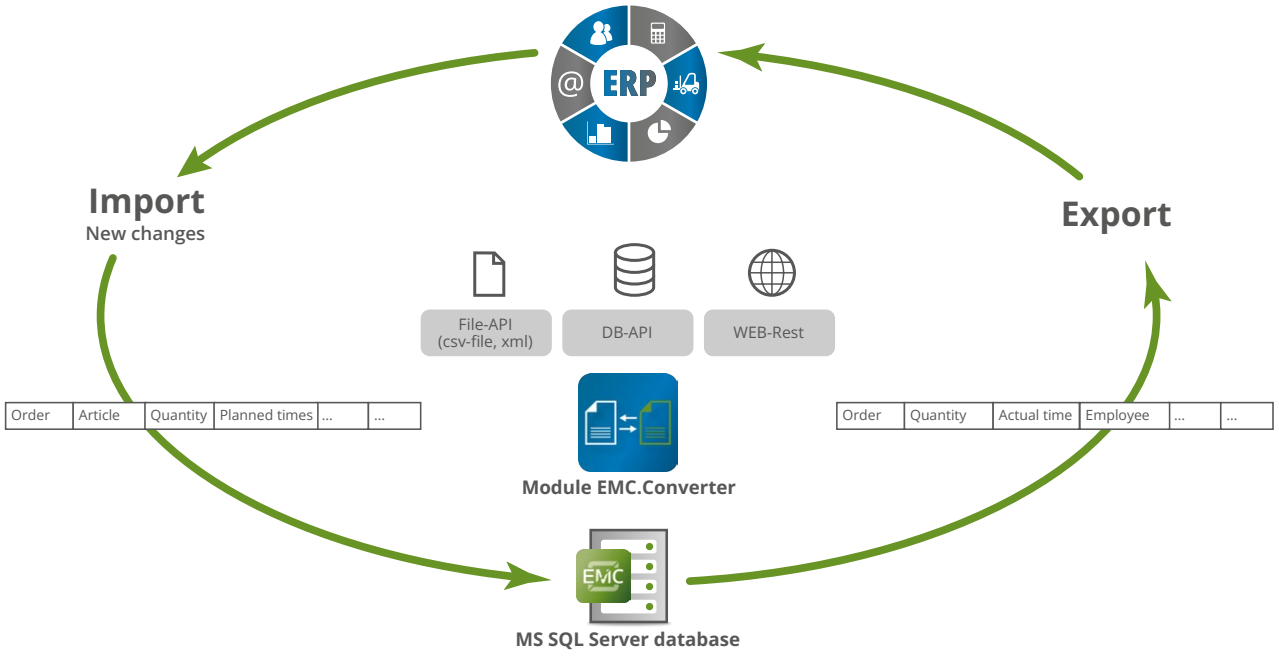
EMC.Converter

Seamless exchange of data with the ERP

Independent of the respective ERP system, the **EMC.Converter module** regulates the exchange of data **between the shopfloor and ERP.** The data stored in the ERP for **orders, articles, users, containers, tools, etc.** is thus **made available on the shopfloor.** Conversely, **all data recorded in production** is also **reliably reported back to the ERP** system. The data exchange is **freely configurable.** The bidirectional exchange enables every department to **work reliably on the basis of the same data and information.**



Freely configurable

Which data is exchanged between ERP and shopfloor **is individually configurable. All data,** both imported and exported, **can be adapted at any time.** This ensures that **only the data and information that is required** is actually exchanged and made available.

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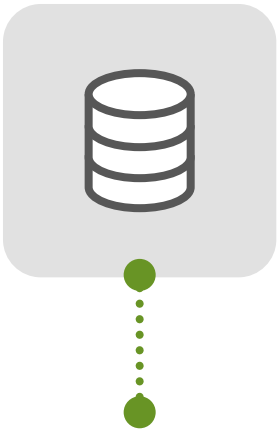
Three interfaces

Data is reliably exchanged via three interfaces.

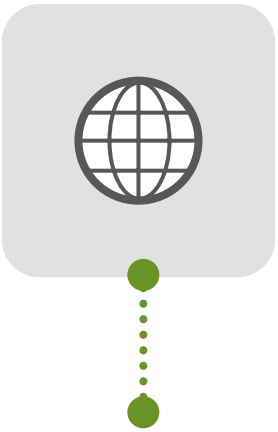
File Interface

Two files are defined for data import and data export.



Database Interface

One database table each is defined for import and export in separate interface tables.



WEB-REST Interface

Communication between the ERP and EMC.Converter takes place via an HTTP protocol.

Full compatibility

The reliable data exchange **works independently of the respective ERP** system. All common systems such as SAP, SAP Middleware, Atos, Microsoft Dynamics, etc. are seamlessly compatible with the **EMC.Converter module** and the **MES Software EMC.**

SAP infor TOP M PROALPHA M3 Microsoft Dynamics CamplusV7 abas ERP Atos

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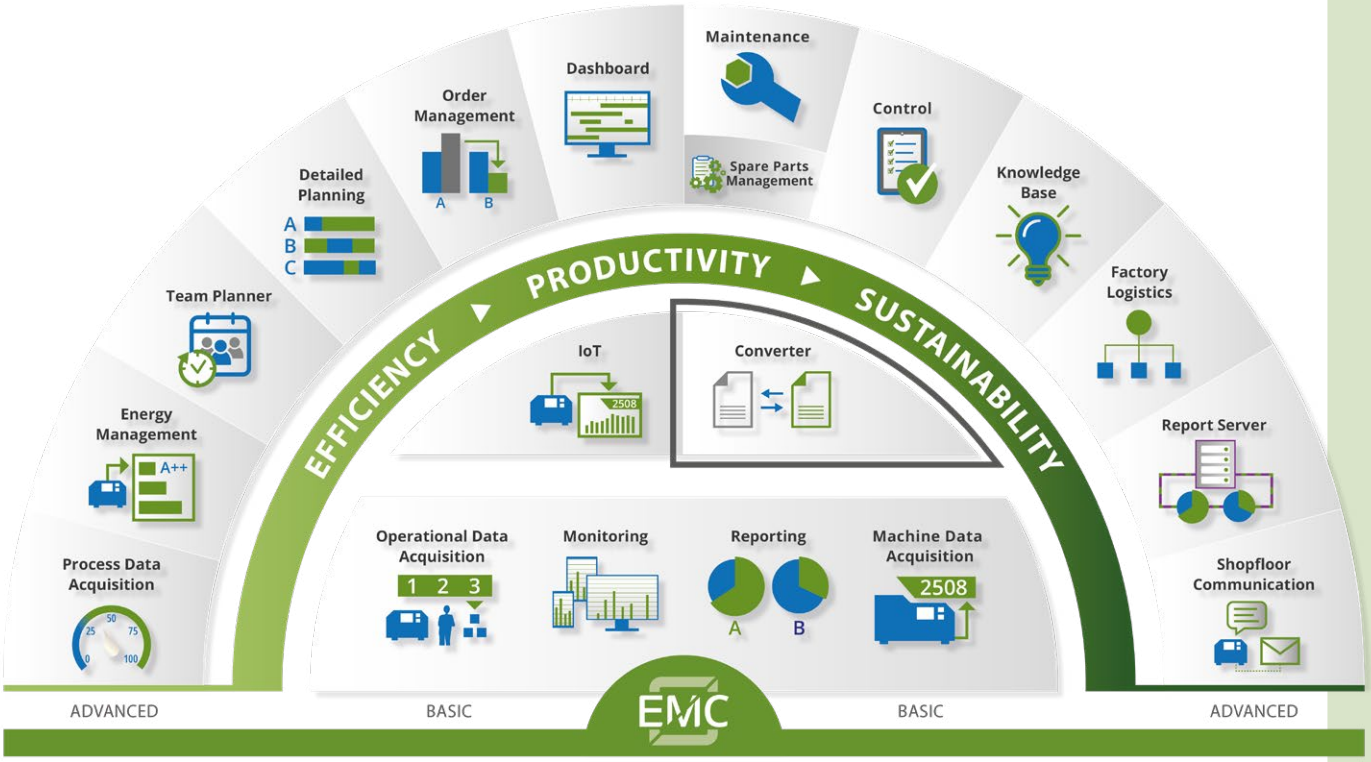
MES Software EMC

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.

iT Engineering Manufacturing Solutions GmbH
Jusistraße 4
D-72124 Pliezhausen
Phone +49 (0) 7127 9231-10
info@ite-ms.de
www.ite-ms.de

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