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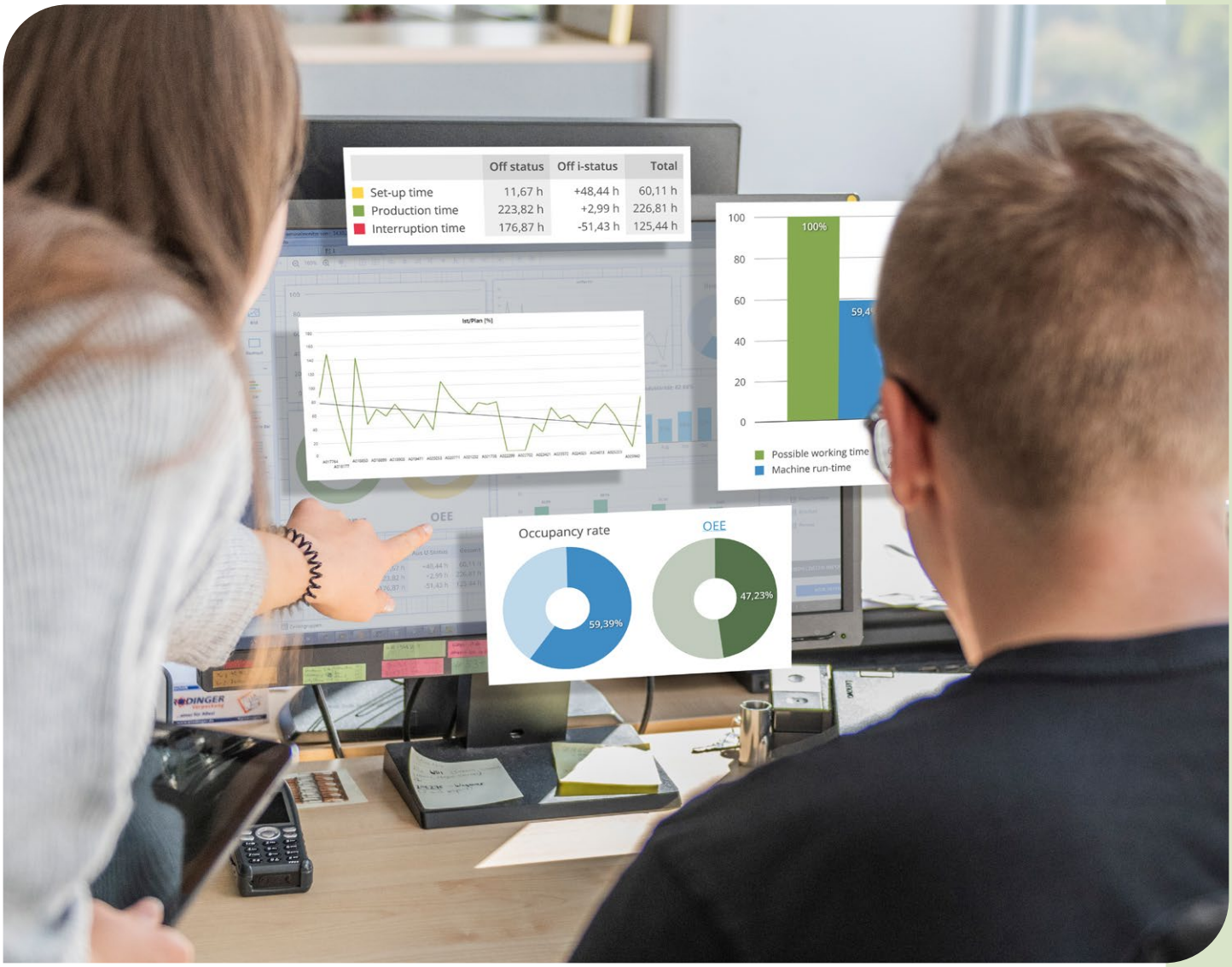

EMC.ReportServer

Distribute and create reports centrally and automatically

The EMC.ReportServer allows you to **create and save reports automatically and distribute them to specific users.** Thanks to **centralized management, automatic creation and distribution,** all recipients have access to the same figures and evaluations based on the collected real-time data in a timely and secure manner. This forms the optimal basis for effective performance evaluation and improved decision-making.

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Status Quo

Everyone has their own list and their own evaluation

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EMC.ReportServer

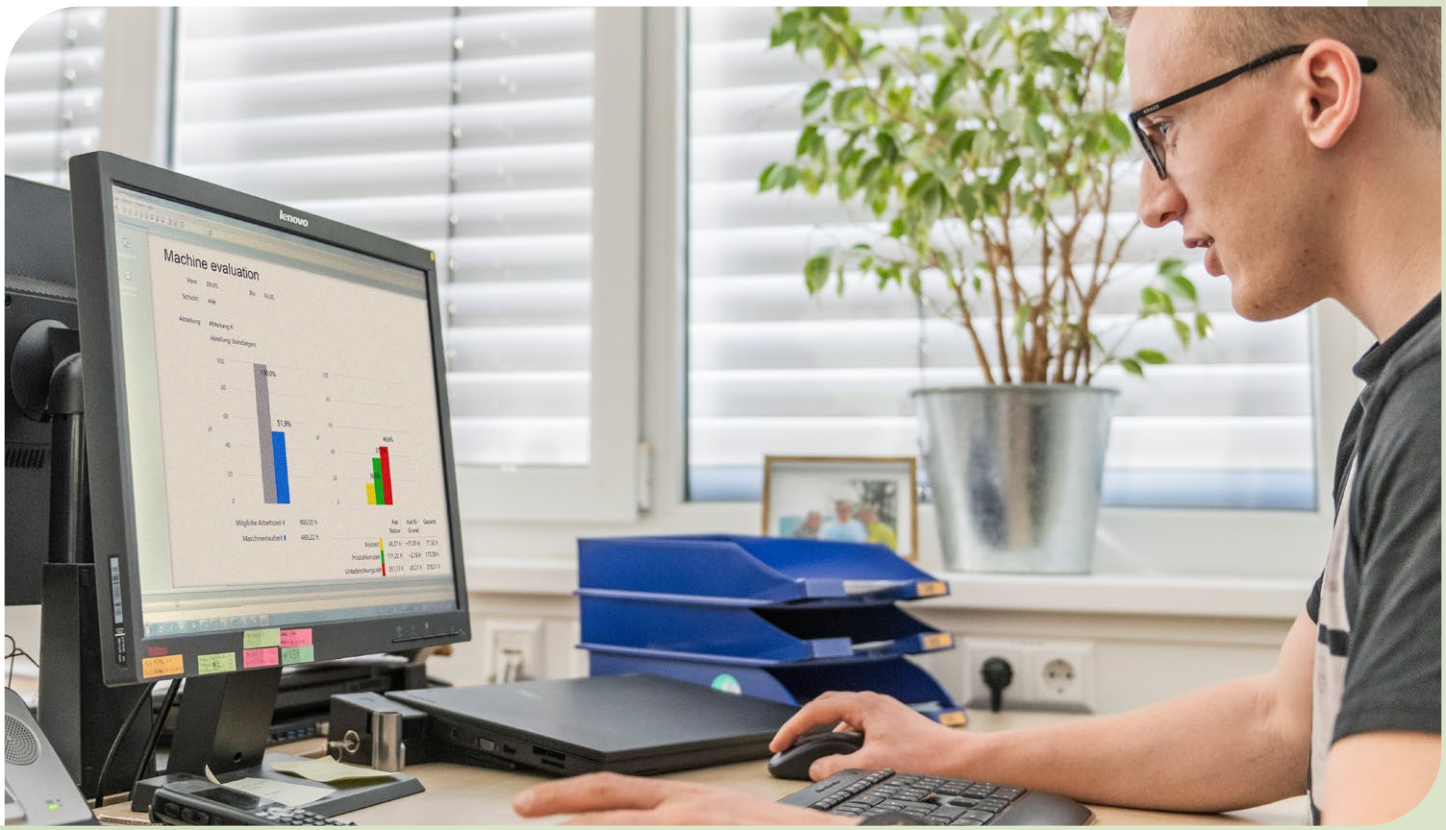
Automatically send relevant evaluations to the to the right recipients

The **EMC.ReportServer module** significantly simplifies reporting in your company. It offers an efficient way of **automatically creating and saving reports and distributing them in various formats for specific target groups.**

This means that **reports no longer have to be created individually and manually.** The latest figures and evaluations are always sent to exactly those recipients who need them **according to a defined schedule.**

In addition, all reports can be **individually compiled and visualized in edit mode.**

The ReportServer offers **considerable advantages in terms of central administration, automation, data security, scalability and cost efficiency.** This provides the optimal basis for an **effective and uniform performance evaluation** of your company.



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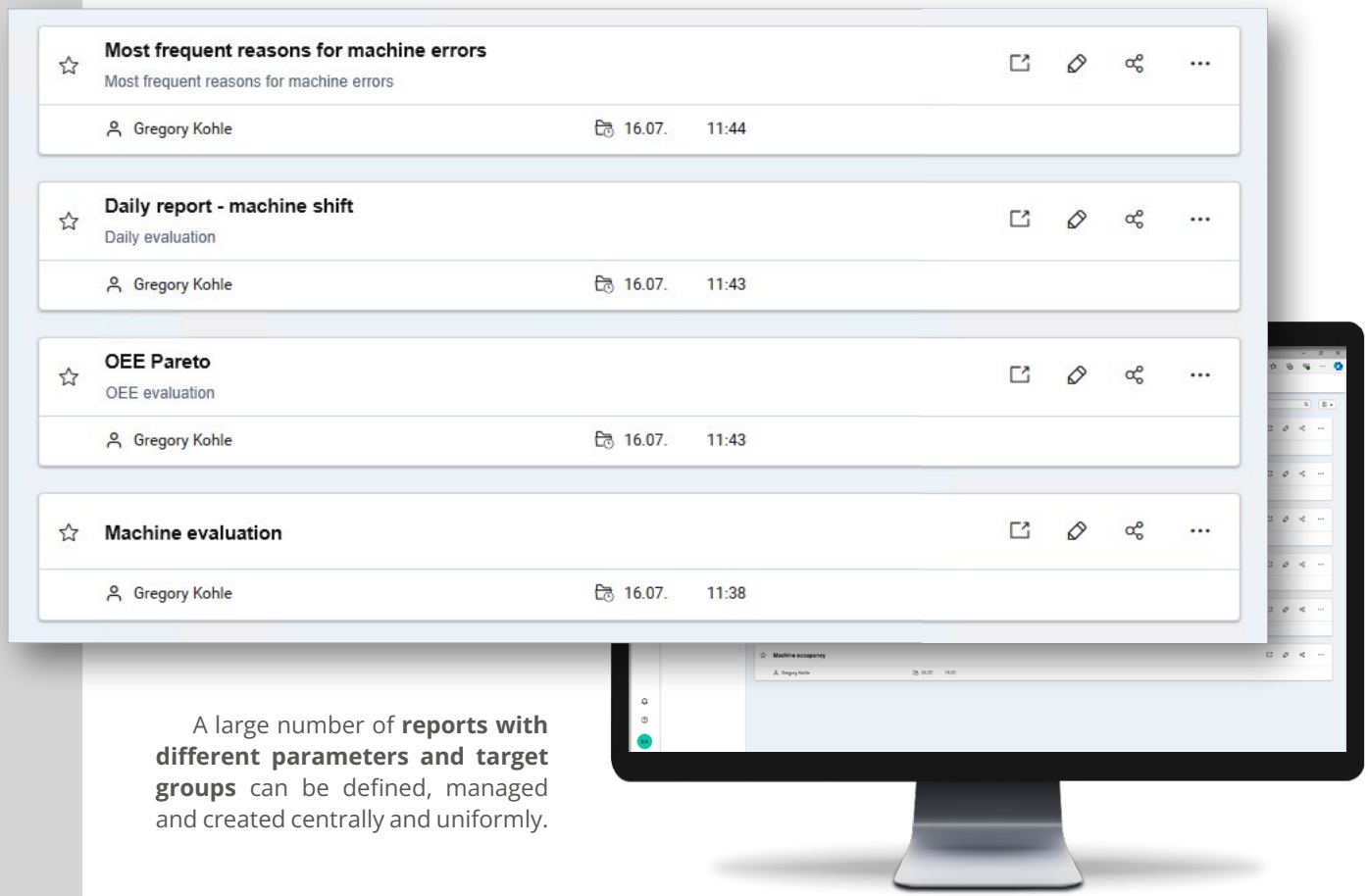
EMC.ReportServer

Central management and automated distribution of reports

The **EMC.ReportServer module** offers you an **efficient way to create, save and distribute reports to employees or departments.** Automated creation and distribution **reduces manual effort and ensures consistent and up-to-date reporting.** Access to current and accurate data **enables well-founded decisions to be made in real time.**



A large number of **reports with different parameters and target groups** can be defined, managed and created centrally and uniformly.

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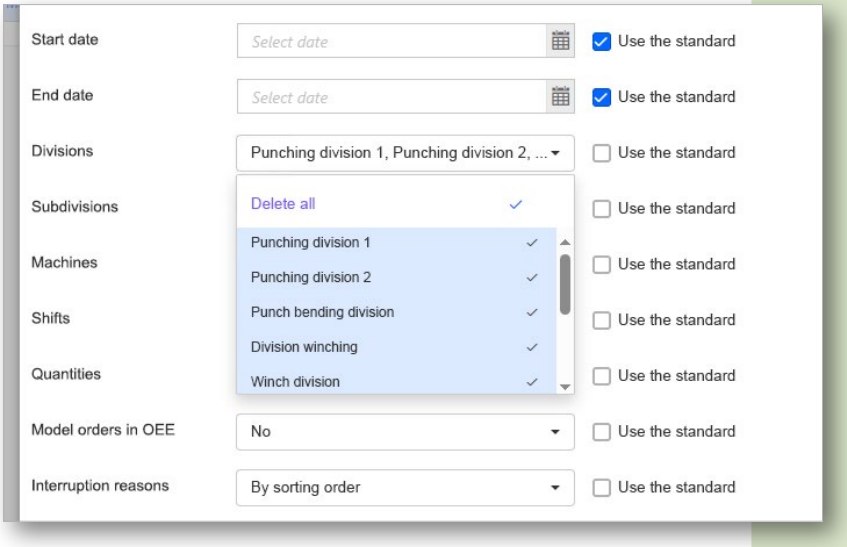
Define parameters

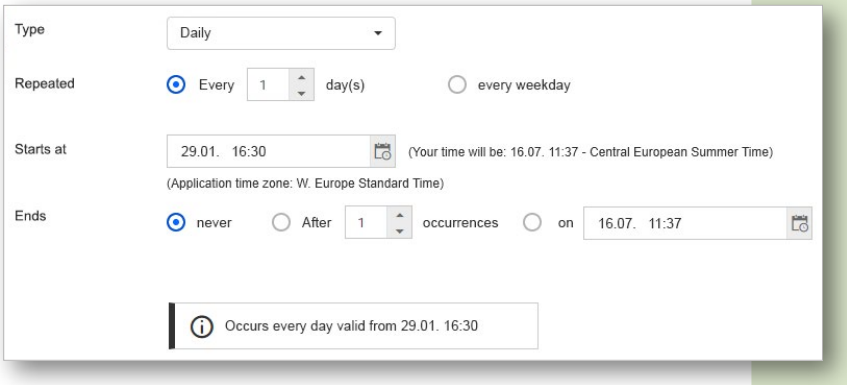
The **report parameter values** that were defined for reports in the EMC.Reporting module are **predefined here with the same parameters.**

They determine **the data and content of the selected departments or machines** with which the reports are to be sent.



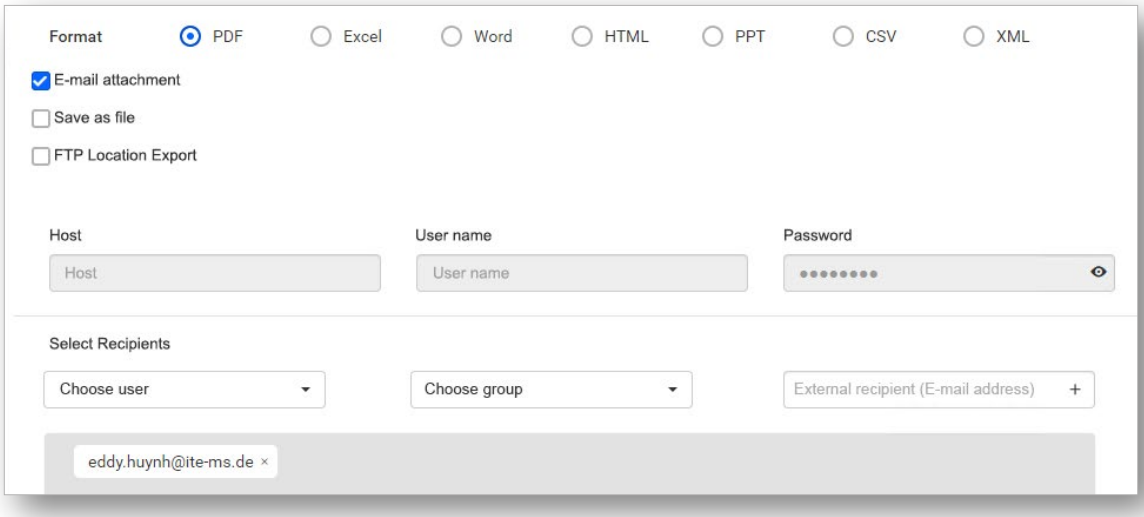
Planning the distribution

Decide for yourself in which **cycle or repetition interval** your reports are automatically created and sent.



Selection of format and recipients

In addition to the **desired format of the report, individual recipients or entire recipient groups** can be specified to whom the reports are to be sent.



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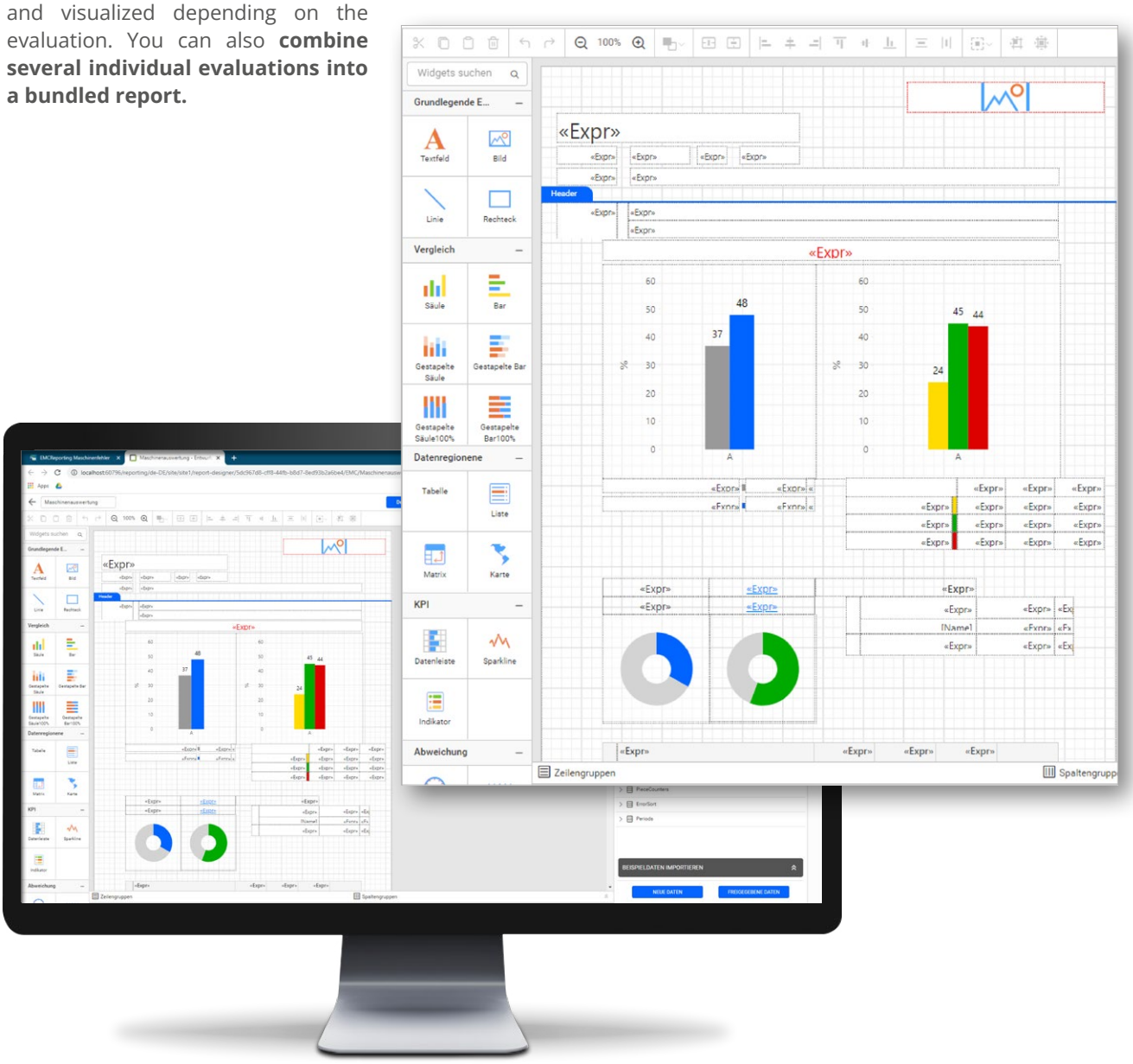
Creation of individually customized reports

With the report server, you can **easily design, compile and edit each report individually using the modular principle.** A variety of templates, graphics, diagrams and tables can be selected, defined and visualized depending on the evaluation. You can also **combine several individual evaluations into a bundled report.**



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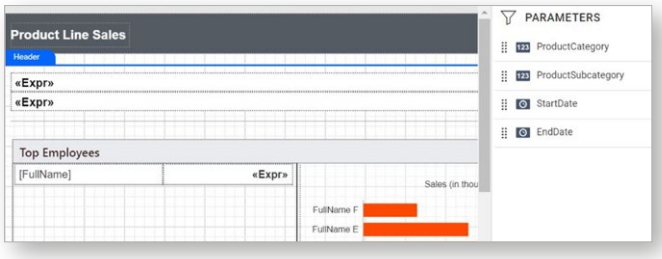
Report elements

Create and visualize **meaningful key figures** from your data with a **variety of report elements:**

- **Basic elements:** text field, image, line and rectangle
- **Data area elements:** table, matrix (pivot table) and list
- **Data visualization:** charts, sparklines, data bars, gauges, indicators and maps
- **Sub-reports**
- **Customized report elements:** Barcodes, QR barcodes and more

Report parameters

Users can make **interactive dynamic entries** at runtime in order to influence the data evaluation.



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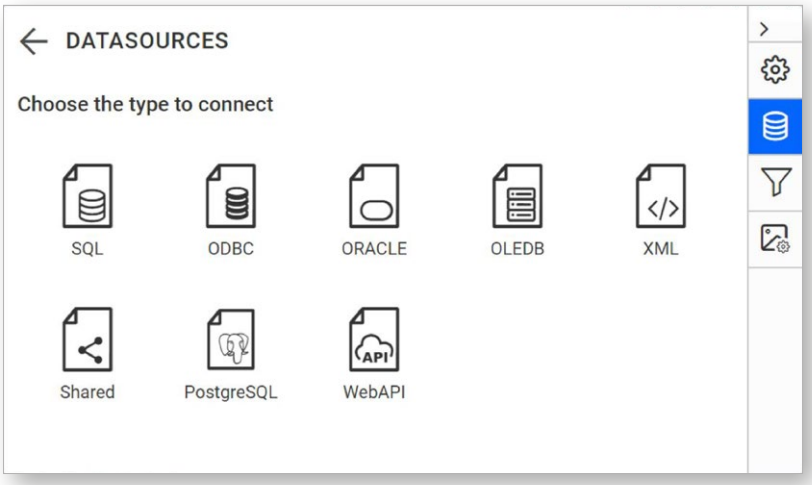
Connection to any data source

Read data from a **variety of data sources in local or server databases:**

- **Built-in data sources:** Microsoft SQL Server, Microsoft SQL Azure, Oracle, OLEDB, ODBC, Web API, OData, JSON, XML.
- **Business object data sources:** JSON.
- **Databases:** SASS, MySQL, PostgreSQL, and more.



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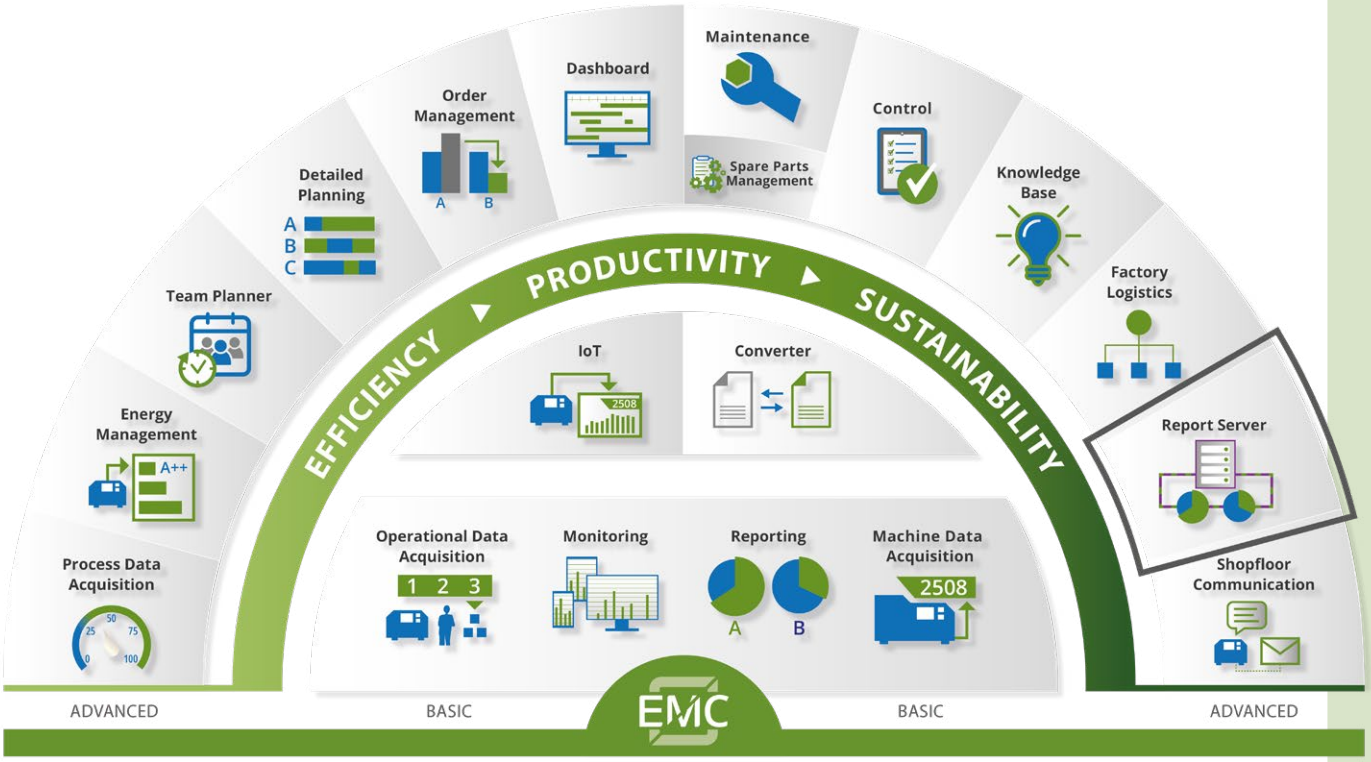
MES Software EMC

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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