

Gebr. Kemper GmbH + Co. KG: Achieving Full Control on Production Lines Through Smart Digitalization

Gebr. Kemper GmbH + Co. KG, based in Germany, manufactures products that are shipped across the world, including weight-optimized, flow-optimized castings, copper, and alloy coils, and a broad portfolio of building technology. For certain manufacturing lines across its three main business divisions, which are **largely dominated by manual assembly**, Kemper was looking for an intelligent way to **capture production data to optimize production efforts**. In particular, the solution needed to address the challenge of capturing work-in-process information.

Kemper discovered that **Smart Factory by All for One Group SE**, part of SAP's industry cloud portfolio, met its requirements by allowing efficient processes in production, maintenance, and quality assurance.



Digitalizing manual assembly workplaces with industry cloud solutions from All for One Group and SAP



Before: Challenges and Opportunities

- Going through a digital transformation, Gebr. Kemper GmbH + Co. KG was looking for smart solutions to capture production data and streamline shopfloor activities and implement one central ERP solution
- The previous and outdated warehousing system gave little scope for optimization and digitalization
- Desire to meet the complex portfolio needs of three separate divisions, with differing production and distribution aspects
- Minimize number of project partners by using one software provider that could address the needs of all subsidiaries

Why All for One Smart Factory and SAP

- Smart Factory by All for One Group SE, part of SAP's industry cloud portfolio – available on SAP® Store – offers smart capture of production data, integrated with SAP ERP and SAP S/4HANA®
- SAP Extended Warehouse Management supports the execution of agile operations with digitalized and accelerated warehouse processes
- User-friendly structure of the SAP solutions work in harmony with Smart Factory, delivering one seamlessly integrated solution for all three business units and their respective needs
- All for One's industry focus stands out positively, with an overall portfolio fit
- Processes are fully configurable and customizable

After: Value-Driven Results

- Control center allows intelligent work distribution to production sites
- Single solution that serves all workstreams, such as production orders, accounting, HR, rolling products and digital factory
- High acceptance by the workforce due to ease-of-use of the Smart Factory solution
- Process optimization through precise time recording and target/actual time comparison
- Increased transparency and productivity through real-time feedback

“By implementing Smart Factory and SAP Extended Warehouse Management, we’ve made a **big step towards digitalization**. We have a reliable solution to monitor and guarantee the material supply of all assembly workplaces.”

Markus Donat, Head of IT & Organization, Gebr. Kemper GmbH + Co. KG

100%

transparency into workflows through real-time feedback

37

workplaces in the manual assembly plant are completely digitalized and linked to SAP Extended Warehouse Management

Featured Partner



Gebr. Kemper GmbH & Co. KG
Olpe, Germany
www.kemper-olpe.de

Industry
Mill Products

Products and Services
Building technology,
rolled products

Employees
850 (Company
Site Olpe)

Revenue
€400 M

Featured Solutions and Services
Smart Factory by All for One Group
SAP Extended Warehouse Management
SAP S/4HANA
SAP ERP

THE BEST RUN

Optimizing processes through **real-time performance feedback**

Gebr. Kemper GmbH + Co. KG was able to **collect data on target-time expenditures**. However, it was unable to verify and analyze these target times, as the previous system provided no performance feedback.

With the implementation of Smart Factory by All for One Group SE, Kemper was able to optimize its processes through **precise time recording and target/actual time comparison**. Smart Factory serves as a data hub, organizing the data exchange and making sure that the information is transmitted to relevant processes running in SAP® Extended Warehouse Management and on SAP S/4HANA®.

With this, Kemper's requirements are met, including the possibility to **evaluate the workload of the workstations** in the control center and distribute the work accordingly. Control of workstation utilization and distribution are now provided, allowing production orders to be processed faster. Workers can now enter information easily about work in progress and production orders via an intuitive interface, bringing the information into SAP Extended Warehouse Management in real time. Smart Factory allows Kemper to realize efficient, end-to-end processes and **digitalize new departments**.

