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Production and Project Planning Integrated at Waldner

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Hermann Waldner GmbH & Co. KG specializes in the production of completely automatic filling and sealing machines and the appropriate packaging systems. The company, headquartered in Wangen in the Allgäu (Germany), supplies the food, delicatessen, beverage, cosmetics and pharmaceutical industries, among others.

When the company adopted SAP S/4HANA, its planning processes were further optimized. The

[wayRTS](#) APS software that Waldner is using has now been expanded to include the [wayPRO](#) component for project planning and cross-project planning transparency. The affiliated companies Hohenloher Spezialmöbelwerk Schaffitzel GmbH + Co. KG and Waldner Laboreinrichtungen SE & Co. KG also benefit from Waldner's experience in sales & operations planning (S&OP). They are also optimizing their processes with valantic's waySuite software.



Results & customer benefit

- Transparent planning and visualization of complex relationships
- Integration of project management into material and production planning
- Efficient division of labor between ERP and APS
- Greater planning reliability



Dr.-Ing. Christian Küber
Head of Technical Applications
at WALDNER Holding SE & Co.

“Plant engineering is a project business, and we have taken the opportunity presented by a software changeover to better reflect the complexity of project planning and the processes that build on it. About a year after the go-live of our new environment, which consists of S/4HANA, wayRTS, and wayPRO, I can say: The project is a great success. We have gained the highest degree of transparency in planning and stability in our processes.”

The initial situation

Waldner is a long-time user of the real-time simulation and planning software wayRTS and particularly appreciates its visualization possibilities. The sale of a single dosomat is usually the exception – plant engineers’ “bread and butter” is project business. The design capacities to be planned and the high level of production depth with our own toolmaking, plus the outsourcing of individual production steps and purchased parts with long delivery times, mean that projects must be included in operational planning at an early stage. To a certain extent, the project planning had been mapped in the wayRTS work plan. The migration to S/4HANA gave the managers the opportunity to review the planning process and the cooperation between the ERP and APS systems. At the same time, the way-PRO multi-project management software, which has been added since the original introduction of wayRTS, was to be implemented.



The project – complexity of plant engineering projects is now under control

The project was extensive, because in addition to the software adjustments, numerous processes had to be defined. Rules for scheduling processes for purchasing and manufacturing have been established. In order not to create too much disturbance due to short-term changes in operation, Waldner introduced a “frozen period” when scheduling orders, for example, in which the work inventory is fixed and can be processed without interruption.

Data in SAP, deadline priority in wayRTS

It was also necessary to decide what should be implemented in SAP and what in valantic’s waySuite. For example, while purchasing, in contrast to manufacturing, uses the S&OP software wayRTS only for evaluations, but works in SAP, the company does not rely solely on SAP PS for project management. For Waldner, wayPRO can ensure that project and production planning are closely interlinked in the valantic software project and project changes are taken into account automatically in capacitive planning.





In practice, the flow is as follows:

1. A project is created in SAP PS.
2. The wayRTS interface to SAP detects the status change. The project is visualized in wayPRO and wayRTS creates a scenario automatically. In the scenario, planners can simulate different capacity planning variants.
3. The selected scenario is transferred to the live system.
4. The dates are written back to SAP. Purchasing sees the requirements there.
5. The requirements are displayed in production planning.

While SAP S/4HANA is the data-carrying system, Waldner relies on the strength of the advanced planning & scheduling system (APS) wayRTS and gives it absolute deadline control.

And this was successful: Due to the early transparent integration of projects into capacity planning via the wayPRO module, the waySuite user Waldner was able to further increase its planning reliability and make better and more accurate schedule commitments to its customers.



Outlook

This successful SCM project is the basis for the process and software implementation at the affiliated company Hohenloher Spezialmöbelwerk Schaffitzel GmbH + Co. KG. Here, results & experiences from the project at Waldner Metall serve as a blueprint and starting point for the planning processes. The specific adaptations for Hohenloher are derived and implemented from this. In the long term, the intention is also to integrate the third division, Waldner Laboreinrichtungen SE & Co.KG.



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„What we have created together with our SAP consultants and valantic will serve as a blueprint for the processes at the other companies in the Waldner Group.“

About Hermann Waldner GmbH & Co.

Hermann Waldner GmbH & Co. KG develops and manufactures completely automatic filling and sealing machines under the DOSOMAT brand name. The machines can fill up to 120,000 units per hour and are used around the world – in the food, delicatessen, beverage, and cosmetics industries, among others. The company's own packing and handling systems supplement the filling and sealing systems. In the PROCESS SYSTEMS sector, the company develops and manufactures special systems for the pharmaceutical industry. This division also supplies custom-tailored process engineering. The portfolio includes highly complex plants for drug production, isolators, containers, and cooking and drying systems. The WATER TECHNOLOGY division complements these products with facilities and products that focus on a food and pharmaceutical production environment.

Waldner Holding SE & Co. KG acts as the holding company for the Waldner Group.

www.waldner.de/en/



About valantic

valantic is Number 1 for digital transformation and one of the fastest growing digital consulting, solutions and software companies on the market. valantic combines technological expertise with industry knowledge and the human touch. More than 500 blue chip clients rely on valantic, including 32 of 40 DAX companies and many leading international companies as well. With more than 4,000 specialized solution consultants and developers and net sales of approx. EUR 550 million in 2023(e), valantic is represented in Germany, Austria, Switzerland, Belgium, the Netherlands, Portugal, and many additional international locations.

valantic features a unique structure, consisting of divisions, competence centers, and expert teams, which are always attuned precisely to companies' digitalization needs. From strategy to tangible realization. The company's range of services includes the areas digital strategy & analytics, customer experience, SAP services, smart industries, and financial services automation.

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