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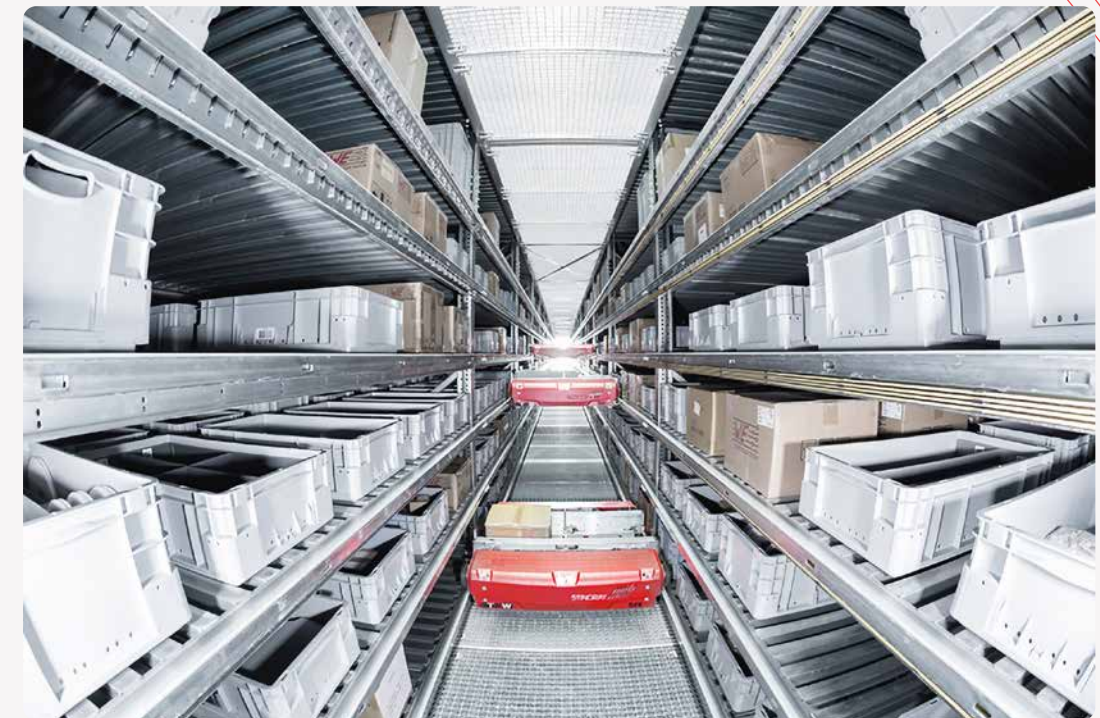# TGW Logistics – Transparent planning with wayRTS APS software

TGW Logistics relies on the waySuite software suite, especially after the ERP switch

Transparent planning for more than two decades

If the wayRTS planning system is the anchor point in a large software migration, this is the proof that a company has perfectly mastered the APS system. Even during its switch from Navision to SAP S/4HANA, the TGW Logistics Group always maintained its transparent planning.

Maximum transparency in planning is one of the success factors for the TGW Logistics Group. The company was founded in 1969 in Wels, Upper Austria, and today it is a global corporate group with more than 4,400 employees and total sales of EUR 924 million (2021/2022). The TGW Logistics Group develops and produces material flow and warehouse logistics solutions. These include complex logistics centers for manufacturers and distributors in a wide range of industries. In this context, TGW integrates automation, robotics, software, and controls, among other things. Since the beginning of 2001, the TGW Logistics Group has been using valantic's APS (Advanced Planning and Scheduling) solution waySUITE to plan projects and production – with great success.

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Solution and Benefits for the Customer

📈 Increasing efficiency and productivity
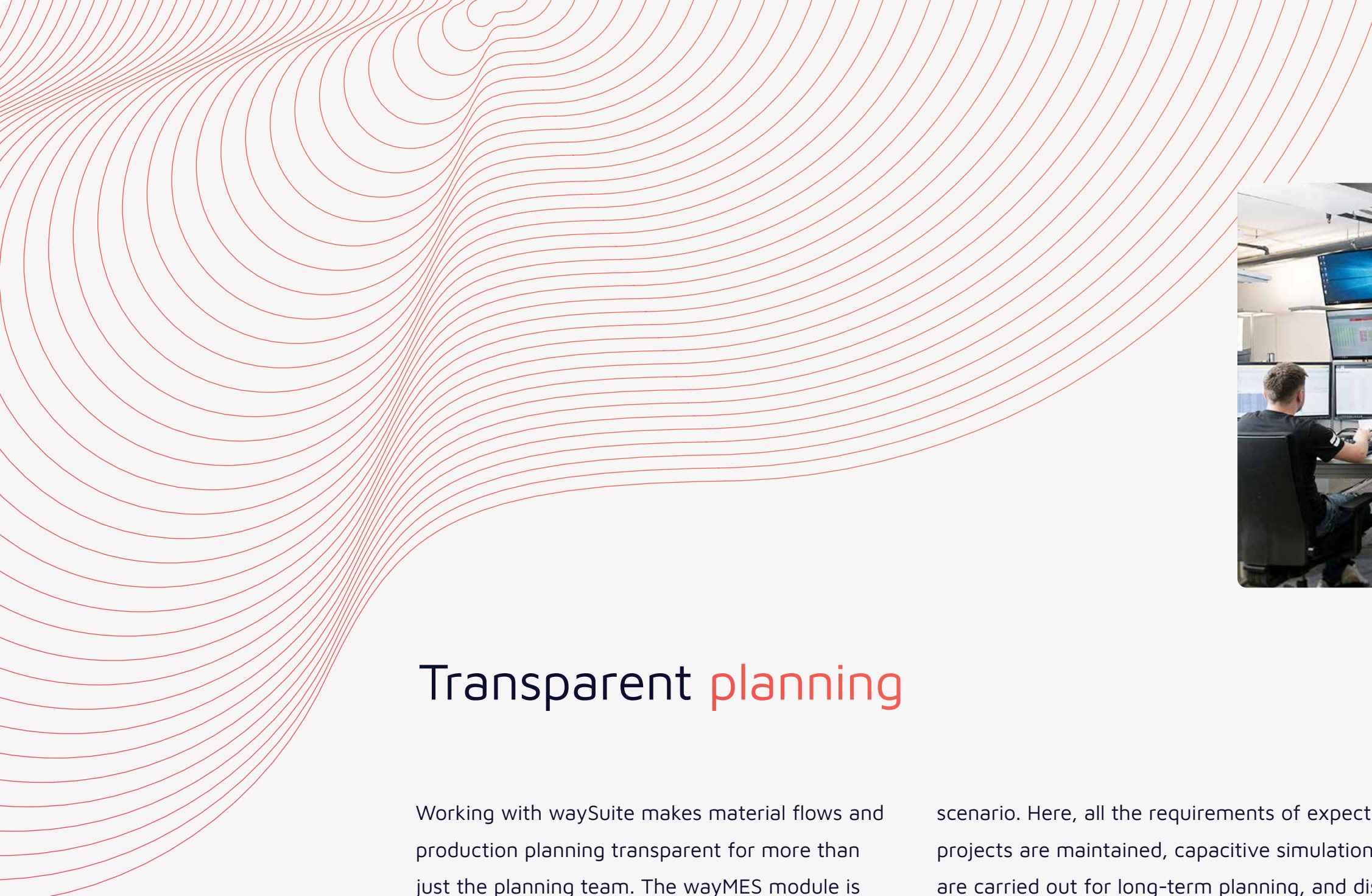
🎯 Optimization of project throughput rates

🗼 Better Planning security

Regular material flows
vs. spare parts business

TGW maintains a very precisely structured daily workflow for the planning of production capacities and material flows, thus achieving impressive on-time delivery rates. In normal business operations, capacity planning is optimized through daily adjustments. Spare parts cannot be planned in advance as production requirements can. Since spare parts planning is often about preventing delays or even shutdowns in customer intralogistics, the spare parts business is extremely time critical. Planners need to find quick solutions using the real-time simulation capability of wayRTS (Real Time Simulation), which gives it its name.

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Transparent planning

Working with waySuite makes material flows and production planning transparent for more than just the planning team. The wayMES module is used to publish the work inventories at the workplaces in production. In addition to the live system, TGW has two other way scenarios. Once a day, "way info" is updated to provide insight into the planning of various departments in the company. An innovative setup is also the "way preview" scenario. Here, all the requirements of expected projects are maintained, capacitive simulations are carried out for long-term planning, and disbanded provisional parts lists are even published. This is invaluable for purchasing in terms of communication with suppliers, because it allows them to anticipate approximate future needs at an early stage.

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**Sascha Kawa,
project manager for valantic**

"The adaptation of the SAP interface was a sideshow compared to the change of the ERP system, and yet it presented an interesting challenge. TGW attached great importance to continuing the processes that have been perfected over decades with wayRTS, and so we had the task of mapping them in the software during the migration under the conditions of the greater complexity of SAP."

ERP migration –
planning needs to continue

The TGW Logistics Group decided to implement SAP S/4HANA. When planning production and procurement with wayRTS, this meant replacing the data-bearing system. During migration, way-Suite was supposed to serve as a guarantee for continuity and transparency in production planning and control. Both the way-SAP interface and the structures in the ERP had to be adapted to do justice to the proven processes on the one hand and the greater complexity in S/4HANA on the other.

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wayRTS adjustments during the migration of the TGW Logistics Group to SAP S/4HANA

- Network-based project level with wayPRO
- Connection of the SAP EWM warehouse system
- Own MRP department in SAP for spare parts business

Providing customized intralogistics solutions and highly automated logistics centers is a complex process that includes design and other development services. TGW uses the [multi-project management software wayPRO](). The waySuite components make it possible to control the numerous dependencies in projects based on network diagrams.

Another sub-project to prepare for the migration was the implementation of the previous processes under the changed conditions resulting from the use of SAP EWM. Since Extended Warehouse Management, for example, transfers retrieved material, this had to be implemented in valantic's certified SAP interface. A solution was also found for the deviating processes in the spare parts business by setting up a separate scheduling area. TGW accepted many custom developments in order not to change the processes in too many places. The preliminary work proved to be successful. For the go-live, valantic set up a standby service in order to be able to react immediately to problems. This was not required; the migration was completed smoothly.

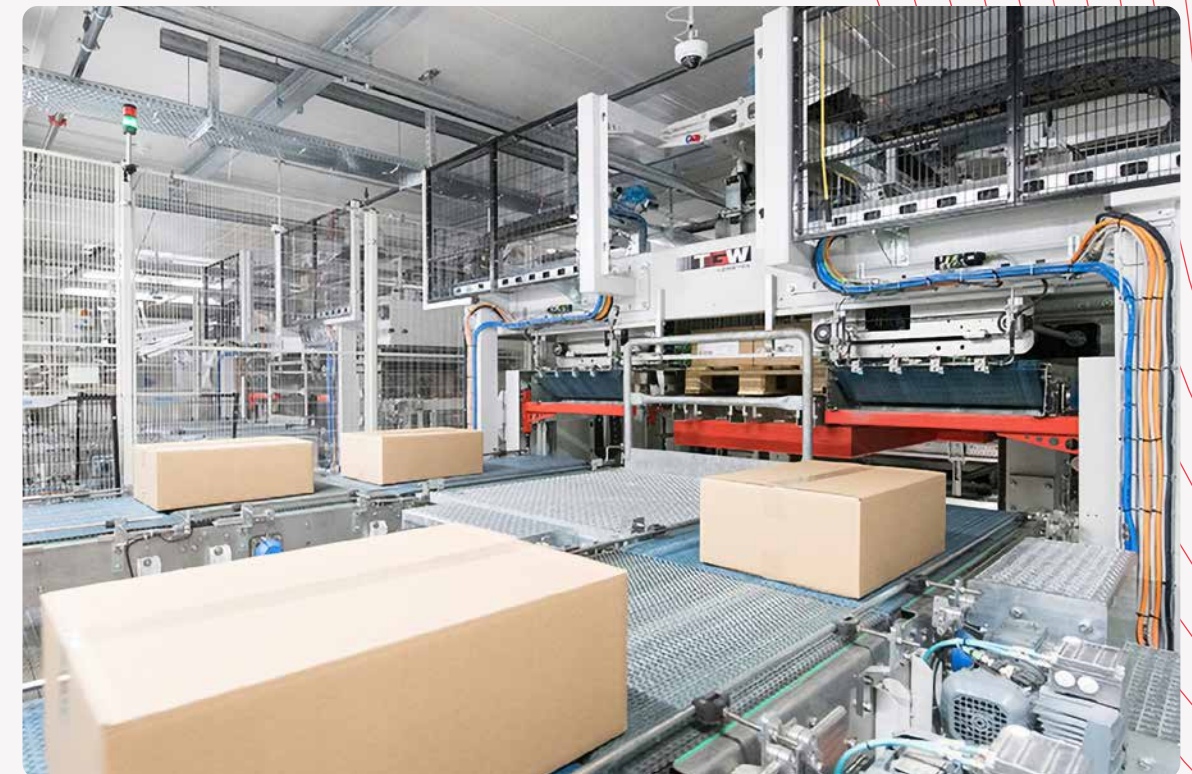**Edmund Klaffenböck,
Manager Process Planning
TGW Mechanics**

"After an exciting two weeks during the go-live, we were able to supply production with work inventories again, which was the main goal. Looking back, I can see that the challenge of the project was that we had to deviate from SAP and way standards to maintain our established processes. Nevertheless, we succeeded in our efforts to maintain the transparency that is critical to planning."

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About TGW Logistics Group

TGW Logistics Group is a leading international provider of intralogistics solutions. For more than 50 years, the Austrian specialist has been implementing automated systems for its international customers: from A for Adidas to Z for Zalando. As a system integrator, TGW takes on the planning, production and implementation of complex logistics centers – from mechatronics and robotics to control systems and software.

TGW Logistics Group has branches in Europe, China and the USA and employs more than 4,400 people worldwide. In the 2021/2022 financial year, the company achieved a total turnover of 924 million euros.

www.tgw-group.com

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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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