

valantic



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valantic optimizes Supply Chain Management
at the **Pump Manufacturer SEEPEX**

Better processes, shorter throughput and delivery times – worldwide

SEEPEX GmbH is modernizing production planning together with the supply chain experts from valantic. By optimizing supply chain processes and implementing the advanced planning & scheduling (APS) software wayRTS at the company headquarters in Bottrop, the company has already reduced throughput and

delivery times and increased planning quality significantly. Subsequently, wayRTS was successfully implemented for the planning of stator production at the US plant in Enon, Ohio. The project start for the wayRTS introduction in Shanghai is planned for the course of 2023.



The results **at a glance**

- Transparent realistic scheduling and capacity planning with wayRTS
- The delivery reliability of the Bottrop plant almost doubled
- New planning organization for centralized rough and detailed planning
- The complex planning at the Enon, Ohio plant was mapped in waySuite
- New wayRTS component developed for SEEPEX in the USA. The new tool planning component reflects the complex restrictions of tool, machine, and raw material planning



Aicke Böhm
Head of Order Management Pump
at SEEPEX GmbH

“We are not only extremely precise and reliable when we make promises about delivery dates. WayRTS is now our “appointment master” and we have achieved undreamt-of internal transparency and peace of mind in planning. If there actually are any bottlenecks, we can use the good visualization of the planning status and the simulations to find solutions very efficiently.”

About SEEPEX GmbH

SEEPEX is the world's leading pump technology specialist, offering progressive cavity pumps, pump systems, and digital solutions. The company's products are used wherever low- to high-viscosity, corrosive, or abrasive media are conveyed with low pulsation. Founded in 1972, the company employs more than 800 people in 70 countries around the world, 400 of whom work in

the Bottrop headquarters. Since 2021, SEEPEX has been part of the Ingersoll Rand Group, a global supplier of process-relevant flow and industrial solutions comprising more than 40 renowned brands.

www.seepex.com/en



The initial situation



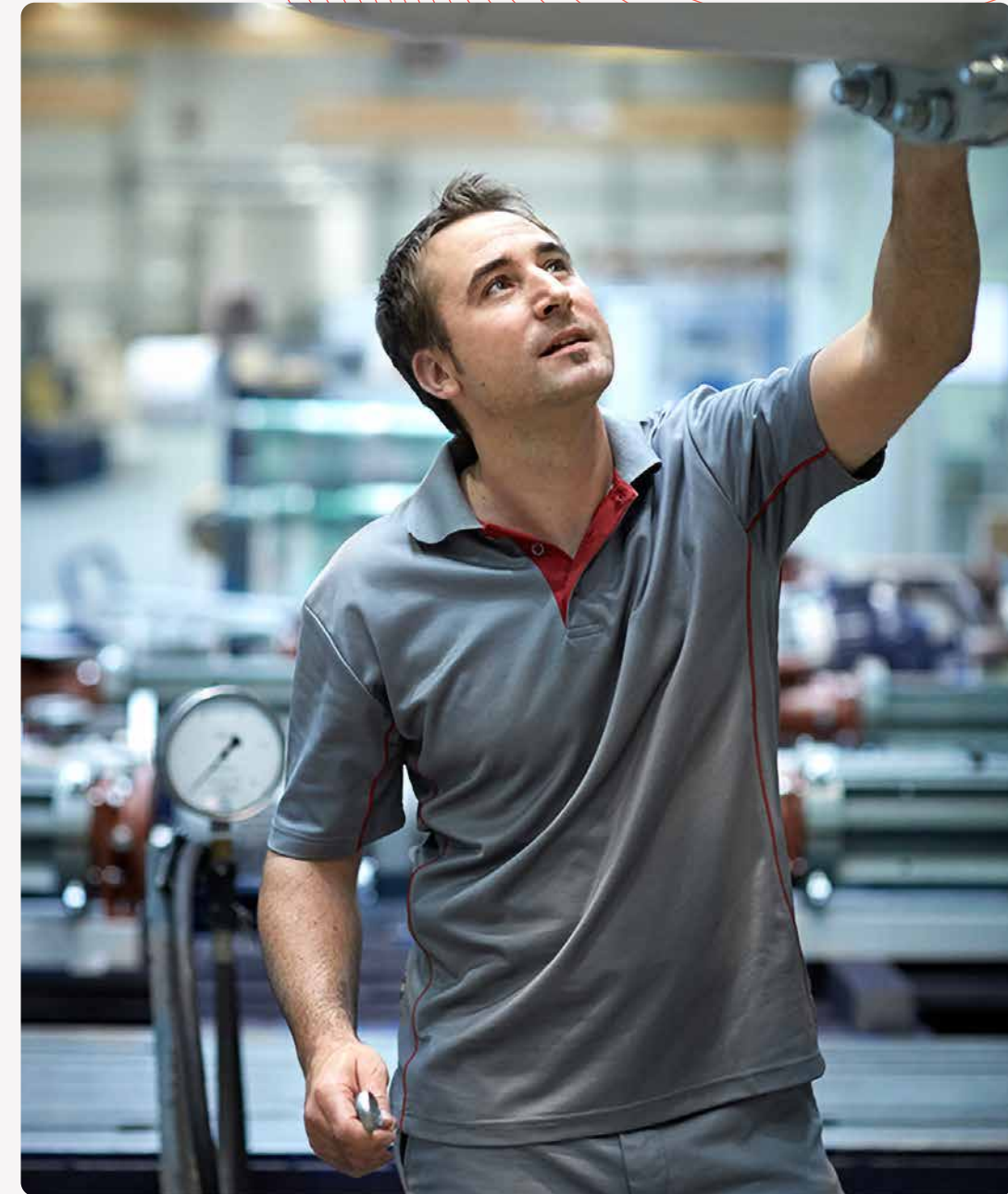
The decisive factors for the project with valantic were SEEPEX's delivery reliability issues. Required dates and capacity loads were often unrealistic, and the really critical deadlines were not transparent. The complex SAP method for order planning, material planning, and scheduling did not plan production capacities effectively. Tools based on Excel could not improve the situation either. In order to increase delivery reliability, a planning department should take over order planning and control of component and pump production using a central tool.

In stator production at the US branch in Enon, Ohio, there was also a lot of potential in modernizing the planning tools. The concern here was to master highly complex production processes for tool, machine, and raw material planning with various restrictions. In connection with the company's supply chain, it was also a matter of optimizing transparency for global demand planning.

First project for pump production

The collaboration between SEEPEX and valantic began with the introduction of a central tool for planning and controlling the order and production level of component and pump production at the Bottrop plant. Today, customer orders can be planned realistically and according to the desired date, bottlenecks in the order network can be visualized, and solutions simulated. valantic's

process and IT consulting experts implemented the advanced planning & scheduling (APS) software wayRTS (Real Time Simulation), which replaced inadequate planning with Excel and SAP. The pump specialist's planning organization was rearranged, the processes and transparency for all parties involved in orders optimized further.





Aicke Böhm
Head of Order Management Pump
at SEEPEX GmbH

“The previous projects with valantic were consistently positive. We appreciate the commitment, teamwork, fair price, and openness of the valantic team.”

Follow-up projects

An important goal for modernizing the processes in stator production was the complete mapping of all process, master data, and feedback actions in SAP. After SEEPEX had achieved this, valantic was commissioned again to introduce wayRTS as a central planning tool.

In view of the complex restrictions on tool and machine capacities, a “tool planning” was developed jointly in wayRTS, one where planners now carry out the capacity calculation for production aids as well as raw material planning.

The project start for the wayRTS introduction in Shanghai is planned for the course of 2023. Here the hope is to introduce a planning organization that is similar to the one in the main plant in Bottrop and also waySuite.



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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