

**Neutrik
Group** | CONNECTING
THE
WORLD

TRANSPARENT PRODUCTION PLANNING AND SCHEDULING WITH SAP S/4HANA EMBEDDED PP/DS

In brief ...

Implementation Highlights

- Increase of on-time delivery
- Reduction of delay costs
- Setup optimization with a setup matrix
- Creation of 12 personnel pools for workforce planning
- Planning representation of a multi-machine operation



100
Workplaces



12
Personnel pools



4-5
Dispost levels



5
Production sites

INITIAL SITUATION

At the start of the project, Neutrik Group used production planning PP in SAP S/4HANA for production planning and execution. SAP PP/DS was not used in a side-by-side scenario before the S/4HANA transformation.

To ensure that the requirements for modern production planning can be optimally implemented at various production sites, the focus shifted to the potential benefits of extended planning with PP/DS with S/4HANA.

This was because both planners and management lacked powerful control tools to reconcile multi-stage production with the business objectives of cost-optimized capacity utilization.

Effective supply chain processes such as the precise planning of the delivery of purchased parts or cross-plant parts planning could not be carried out and monitored transparently. This is where CONSILIO's consulting and development expertise in the area of SAP PP/DS came into play.

CHALLENGE

In addition to the predefined requirements for the solution, other challenges emerged during the project. One example of this is the planning and implementation of multi-machine operation so that one employee can take care of up to four machines.

The optimization of throughput times, for example through a targeted reduction in setup efforts or the adjustment of batch sizes for optimized machine utilization, were also required.



Thanks to CONSILIO's professional support, we can fully exploit the strengths of the PP/DS Optimizer in embedded PP/DS under S/4HANA and benefit from greater transparency in production planning and scheduling.

Eva-Maria Huber,
Global Sales & Operations Planner,
Neutrik Group



SOLUTION REQUIREMENTS

- Enabling pull production
- Avoidance of overproduction in stock
- Detailed planning and order scheduling
- Efficient multi-level bill of material planning
- Fast exchange of information between production stages
- High transparency of production plans or bottlenecks
- Interactive, user-guided planning and simulation
- Automatic (initial) creation of the plan
- Creation of an optimized capacity allocation
- Planned representation of a multi-machine operation

BENEFITS OF THE SOLUTION

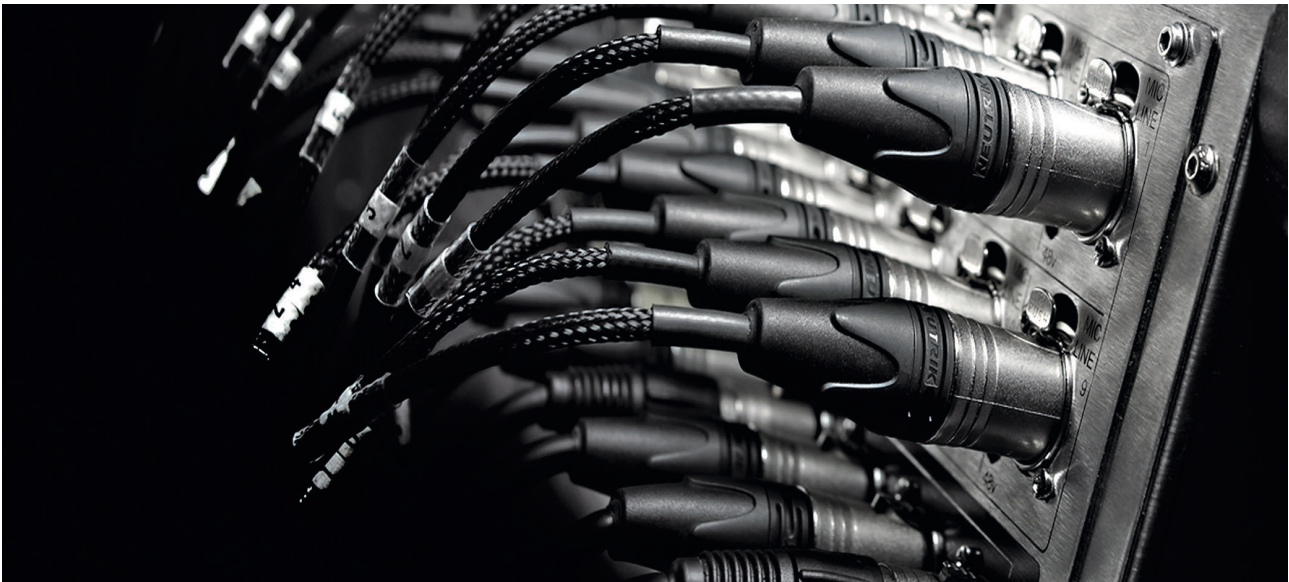
- Implementation of medium- and short-term production, capacity and procurement planning in PP/DS
- Mapping of production processes in PP/DS and corresponding adjustment of routings
- Preparation of long-term forecasting and network planning with SAP IBP
- Transparent monitoring of the demand and inventory situation
- Ensuring complete integration of suppliers and order scheduling in detailed planning and production sites
- Clearly defined roles and responsibilities in planning
- In addition, a CONSILIO solution was implemented to log and evaluate change documents in the production order

OBJECTIVE OF THE PROJECT

The primary objective of the project was to increase productivity and transparency in the manufacturing plants and to introduce uniform and future-proof planning processes throughout the company.

The functional objectives of the project were to improve the ability to act and the flexibility of all project employees involved in the planning process. Among other things, they included a significant improvement in planning and capacity optimization at all relevant manufacturing levels as well as the optimization of planning automation processes and a related relief of employees from their routine activities.

The corporate planning of the Neutrik Group envisages a significant increase in sales volume by 2025, and to achieve this the planning system must be set up to be fit for the future. The material flow is to be planned as leanly as possible and a pull production without excessive inventories on the individual production levels is to be achieved.



Neutrik AG

- Industry: Professional audio, video, lighting control, power and data transmission technology
- Business segment: Development and manufacture of electrical and electronic interconnection products and systems for pro-AV and broadcasting, event technology and industry

Employees: 1.200

- Web: www.neutrikgroup.com
- Solution: Embedded PP/DS on S/4HANA
- Consulting Partner: CONSILIO GmbH



WHAT DO INTELLIGENT AND ELEGANT SOLUTIONS HAVE IN COMMON? THEY ARE SIMPLE.

We'll be happy to find out together what that might look like in your case. **What do you want to optimize? >**