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SUCCESSstory



New warehouse with new management system at Nutrilo

Warehouse Management and Production Supply with SAP EWM 9.5



„SAP EWM provides significantly improved inventory transparency across all locations. This has a positive effect on the complex supply of production lines.“

Ralf Schröder,
Head of Logistics at Nutrilo GmbH

At a glance



Nutrilo GmbH



Food supplements



Cuxhaven, Germany



Approx. 340 employees



Turnover: 65 million €
(estimated)

The company

Nutrilo GmbH, based in Cuxhaven, Lower Saxony, specializes in the production of a wide range of dietary supplements and vitamin preparations and is one of the largest manufacturers of effervescent tablets in Europe. Founded in 1984, the 340-employee company is a subsidiary of the international PHW Group and sells its products in more than 65 countries worldwide.

The challenge

Due to strong growth, Nutrilo GmbH decided to significantly expand its warehouse space by building a new warehouse in 2018. As this was also to be equipped with automated conveyor technology, it was decided to replace the existing legacy system with SAP EWM. At the same time, a completely new system was implemented for production. In addition to significant changes in material flow and employee activities, this presented the challenge of optimally

linking all systems without practical knowledge of the subsequent processes. In addition, two other production plants and an external warehouse in Cuxhaven were connected.

The solution

Nutrilo GmbH has been using SAP ERP for many years, so a decentralized SAP EWM 9.5 could be connected as standard. In addition, the production system of the external provider CSB was connected to SAP ERP, which communicates with SAP EWM via iDocs. The final component of the new architecture was a material flow computer from the supplier Kardex mlog, which controls the newly installed conveyor technology and the automated small parts warehouse (AKL). In addition, three semi-automated STILL high-bay stackers were integrated for order picking.



„The collaboration with the abat team was optimal. As a key user in this project, I really appreciated their commitment and fast, reliable support. Thanks to the implementation of EWM, our processes now run faster and more smoothly.“

Oliver Becker,
Key-User at Nutrilo GmbH

The project

The greenfield implementation of SAP EWM at Nutrilo GmbH was based on a classic blueprint. The other sub-projects worked in parallel and in close coordination towards the planned start date. The main objective of the project was to adapt the warehouse management in the newly built warehouse to the new physical conditions to optimally supply production with raw materials and to smoothly deliver finished goods to customers.

The requirements for order picking and the management of different container sizes and units played a major role in the implementation, as did the complex planning of the roller conveyors, the connection of the miniload, and ensuring the flow of materials through various transfer points. In addition, the integration of the two other production plants and the external warehouse resulted in various requirements that were implemented as part of the project.

During the creation of the blueprint, initial settings were made on an SAP EWM prototype. This was further developed and finalized during the project.

All systems went live simultaneously in July 2020. This required intensive support for the processes and interfaces, which played a central role due to the diverse system landscape. Production and the warehouse were ramped up gradually to give employees time to get used to the changed conditions.

Support operations began at the beginning of August 2020. The project was completed, and the master plan was successfully implemented.

The results

Nutrilo GmbH is now working with a completely new warehouse that supplies production and customers via SAP EWM. SAP EWM provides the warehouse and production with significantly improved inventory transparency, which has a very positive effect due to the increased storage space. The implementation of SAP EWM has laid the foundation for future expansions of the warehouse structures, which are already planned.

Outcome



Production supply via new material flow system



Connection of pallet and container conveyor technology



Picking with semi-automated high-bay stackers

ABOUT US

abat

The abat Group, founded in 1998, is an SAP service provider, innovative software developer and provider of complete solutions for software-supported process optimization –

primarily in the core industries of automotive and discrete manufacturing as well as in logistics processes and production control. With our six service areas, we give companies the freedom they need for new ideas, efficient processes, and future-oriented solutions.

In the **consulting** service area, we advise and support you in all phases of an SAP project – from conception to implementation to operation of your SAP system. With abat **manufacture**, you receive digital, high-availability solutions for production control in the complex manufacturing industry. With abat **transform** we offer you innovative and unique solutions that make you special: from AI to cloud to X-Reality. The **PLM** area offers comprehensive process consulting with the goal of achieving a continuous data flow across PLM, ERP and MES. Offerings from the **protect** area help customers secure information and maintain the confidentiality, availability, and integrity of business relationships. Finally, our **sustain** experts advise on how sustainability and CSR reporting can be strategically and structurally anchored in the company.



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