

SUCCESS-STORY EPG | LFS

BAYERISCHE MILCHINDUSTRIE OPTIMIZES THEIR LOGISTIC PROCESSES WITH EPG | LFS

Warehouse Management by EPG





One central warehouse management system for all nine production plants: This was the request of Bayerische Milchindustrie eG (BMI) when they began searching for a suitable provider of a warehouse management software.



The objective was not only to manage the inventory, but also to obtain the transparency required when handling sensitive products. The producer of different dairy products, cheese and dry dairy products found the optimal solution in the warehouse management system EPG | LFS provided by Ehrhardt Partner Group (EPG): The software accelerates the production output significantly, reduces the warehouse occupancy and guarantees that the strict criteria for fresh products concerning best before dates are met. Thanks to EPG | LFS, the stock level was reduced and the material flow was optimized.

Be it mozzarella, yoghurt or milk powder: The production lines at BMI are always running to reliably supply the regional and national supermarkets and processors with fresh products. The plant mainly processes recurring orders, but it also supplies several customers directly from production, without storing the products in the warehouse. In the Würzburg warehouse, up to 700 vehicles are loaded every month. This results in a loading volume of approximately 100,000 tons per year. “With the implementation of the warehouse management system, we have been able to increase our production volume. This means that we can process more orders with the same number of employees”, explains Hartmut Glücker, Logistics Manager at BMI. “We have also been able to reduce the warehouse occupancy from 120 to 80 per cent.” Before, pallets sometimes had to be stored in alternative locations due to a lack of space.

TOTAL SOLUTION CONSISTING OF HARDWARE AND SOFTWARE

Hartmut Glücker had already heard about the warehouse management system EPG | LFS when he attended the annual Logistics Information Days (LIT) held by EPG in their logistics training center in Boppard-Buchholz. “After this day, I was sure that this warehouse management system would be the right solution for us”, Glücker remembers. “The software maps all our processes. In addition, EPG | LFS is future-proof and allows us to make modifications and to flexibly add new modules depending on our business development.”

The main request of BMI was the introduction of a global solution for the different production plants – concerning both the software and the hardware. EPG provided EPG | LFS and all required handheld and forklift terminals with the graphical user interface iBrowser which guarantees an intuitive and comfortable operation in all warehousing processes.



**HEADQUARTERS IN
LANDSHUT, GERMANY**

FOUNDED IN 1952

**ANNUAL TURNOVER OF
650 MILLION EUROS**

**MORE THAN
900 EMPLOYEES**

**ASSORTMENT
CONSISTS OF
350 PRODUCTS**

“In the past our employees had to look for the pallets with the earliest BBD and check if our customers would accept the goods. With EPG | LFS, this process only requires a few clicks.”

Hartmut Glücker,
Logistics Manager at BMI

ALMOST 200,000 PICKS PER MONTH



With 3 plants for the production of fresh products, 4 plants for dry products and 4 plants for cheese, BMI is one of Germany's most important dairy companies. Würzburg is the largest production plant for fresh products such as milk, cream, yoghurt, coffee drinks and deserts. This plant receives up to 2,500 orders per day equaling 200,000 picks per month. Conveyors permanently transport fresh products from the production plant to the neighboring warehouse where the pallets are recorded and labelled. With the help of EPG | LFS, the warehouse employees take them to the bin locations on an optimized path. "EPG | LFS also controls the selection logic. It decides how the goods with best before dates must be stored and retrieved", Glücker explains. "In the past our employees had to look for the pallets with the earliest BBD and check if our customers would accept the goods. With EPG | LFS, this process only requires a few clicks."

But not every product is stored before being picked up. When a customer requests goods on short notice, the goods are not stored but directly taken to the goods dispatch zone in which the truck is already waiting for the order. In other cases the BMI employees pick the items using handheld scanners. EPG | LFS then calculates the shortest transport path by consolidating the items. Afterwards, every pallet is labeled and can be loaded.

TRANSPARENCY IN THE ENTIRE PROCESS CHAIN



Sensitive products require careful handling – BMI places great value on the compliance with hygiene and quality standards. Traceability is just as important as a transparent process chain. EPG | LFS records every movement of the fresh products stored at 4 °C to 8 °C, from production to delivery. “With the EPG solution, we have introduced a central system that secures stock availability and documents all movements in the warehouse”, says Hartmut Glücker. “This is especially important in the sales areas, because we need up-to-date stock information to process the orders.”

After a short introduction time and an intensive EPG course for the warehouse staff during live operations, BMI is now using EPG | LFS at six locations. Currently, the company is planning to integrate the four cheese production plants into the warehouse management system. This will include a communication interface between existing hardware resources, e.g. automatic scales, and EPG | LFS. In addition, every location of BMI provides of a maintenance warehouse with spare parts for the dairy business. Integrating these warehouses into the EPG solution is also on the agenda.

COMPANY PROFILE

EPG – Smarter Connected Logistics

EPG is one of the leading international providers of comprehensive Supply Chain Execution Suite (SES) and employs 700 people at 19 locations worldwide. The company supplies its more than 1,500 customers with WMS, WCS, WFM, TMS and voice solutions to optimise logistics processes – from manual to fully automated logistics environments. EPG solutions

cover the entire supply chain, from warehouse and road to ground and cargo handling solutions at airports. EPG’s comprehensive portfolio of solutions is complemented by logistics consulting, cloud services and managed services, as well as logistics training courses at the company’s own academy.



EPG IN NUMBERS

MORE THAN 1,500 CUSTOMERS
ON ALL CONTINENTS WORLDWIDE

700 EMPLOYEES AT 19 LOCATIONS WORLDWIDE

OUR SOLUTIONS ARE AVAILABLE IN **50+ LANGUAGES**

LYDIA® VOICE

FASTEST GROWING AND SECOND LARGEST VOICE SOLUTION IN THE WORLD

30+ YEARS LOGISTICS EXPERIENCE



SUPPLY CHAIN EXECUTION SUITE
INTERNATIONAL LEADING LOGISTICS SOLUTION

TOP 5 WAREHOUSE MANAGEMENT SYSTEMS WORLDWIDE



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