

WAREHOUSE MANAGEMENT BY E+P



BEST RUNNING
WAREHOUSE

WERNSING

RUNS LFS

EHRHARDT+PARTNER

WERNSING FEINKOST GMBH

CHALLENGE

- Switching over during regular three-shift operation
- High percentage of automated materials handling technology
- Managing of 23 separate areas by the Material Flow Controller LFS.mfc

SOLUTION

- Warehouse Management System LFS.wms
- Material Flow Controller LFS.mfc incl. visualization LFS.mfv
- Transport control system LFS.tls

RESULTS

- Ongoing production without a malfunction or outage during switching
- Increase in shipping performance by 15%
- Increased efficiency and transparency of the processes

Wernsing switches to E+P

Wernsing GmbH, headquartered in Addrup-Essen, Germany, specializes in the production of fresh and frozen potato and delicatessen products and implemented the LFS warehouse management system by Ehrhardt + Partner (E+P), including the LFS.mfc material flow controller and LFS.mfv visualization. Key for their decision were E+P's solid experience and expertise when it comes to managing materials handling technology projects, and the great flexibility of the software with a 24/7 maintenance contract. The challenges of this particular project included switching over during regular three-shift operation and the high percentage of automated materials handling technology that is managed and controlled by the Material Flow Controller across 23 separate areas. The materials handling technology is at the core of the organization and centrally controls every single logistics movement.

Wernsing's warehouse offers 38,000 bin locations across three temperature zones for their range of frozen, refrigerated, and dry foods. 18,150 of those slots are located in the automated area and are managed by means of automated storage and retrieval systems.

This is where a total of 2,800 items from various types of food are stored, such as mayonnaise, ketchup, French fries, and ready-to-eat salads.

The largest proportion of the movements of goods takes place via a conveyor line that is 2.5 kilometers in length (~1.5 miles) and covers two floors across various sections of the warehouse. 20 vertical conveyors and 13 automated storage and retrieval systems by different manufacturers are in use. The rest of the goods movements is handled by runners for manual, single step picking processes, and by fork lift trucks. These have been replaced as part of the project as well, and were equipped with E+P stacker terminals with fully graphical user interfaces. Thanks to the TCS module – E+P’s stacker control system – stacker drivers are now guided through the warehouse according to a priority calculated by the LFS system.

■ **Switching over during operation**

The first phase of the project was to ensure parallel operation of both the old and the new Material Flow Controller. This allowed for a smooth switch-over process, making sure that production could continue without a malfunction or outage. All 23 areas served by materials handling technology could then be taken over by E+P in a step-by-step fashion. Immediately following the successful conclusion of the project, the warehouse reached a new record in terms of shipping volume, which was 15 percent higher than the previous level.

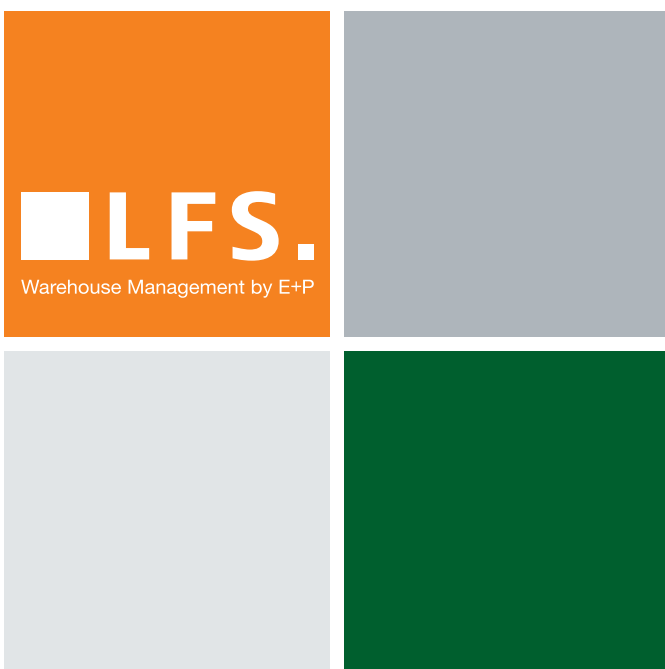


Both parties are also extremely happy with how the project was implemented across a 4-month timespan. “Switching over during operation was a major challenge. Thanks to our successful collaboration with Wernsing, however, we were able to resolve this challenge very quickly and professionally,” Marko Freitag, E+P logistics consultant, concludes..



WERNSING

- Company headquarters in Attrup, Germany
- Founded in 1962
- 3,550 employees
- Approximately 1 billion Euros in sales in 2016





AT A GLANCE

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■ Ehrhardt + Partner

With its LFS Software Suite, Ehrhardt + Partner (E+P) offers an industry-independent total solution and is one of the world's leading logistics experts. As a Supply Chain Execution System, LFS is currently successfully deployed on five continents and enables a control of all logistics processes across all industries. The internationally active company group was founded in 1987 and currently employs more than 500 people at 14 locations. More than 60,000 users worldwide use the system for their supply chain management.

The range of services offered by the LFS software suite includes everything necessary for an integrated logistics control system: the warehouse management system LFS.wms for controlling intralogistics, the material flow controller LFS.mfc, and the transportation management solutions LFS.tms for efficient tour planning and processing. Data solutions, logistics planning and consulting, private cloud and hosting services as well as warehouse seminars at the LFS.academy complement the company's range of solutions.

In combination with in-depth warehousing advice, comprehensive expert knowledge in warehouse logistics and reliable support, E+P offers everything from one source. Currently, more than 1,000 customers from all industries are on the list of references.

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