



+ Contract Logistics

LPP S.A.

Over the last 25 years, the Polish clothing group LPP, known for its fashion brands RESERVED, Cropp, House, MOHITO or SiNSAY, has developed into the largest clothing company in Central/Eastern Europe – resulting in more than 1,700 brand stores in 24 countries in 2019. Every day, up to 1.5 million clothes leave the distribution center covering an area of approximately 66,000 square meters. This requires a logistical masterpiece which is possible, among other things, by using PSIWms.

The challenge

The cooperation between LPP and PSI started in 2007. With the implementation of PSIWms, the existing distribution center at that time was automated and the processes, which had previously been carried out manually, were optimized. An e-commerce warehouse, for which PSI implemented a system configuration optimized for planning

Information



Industry: Textile manufacturer (chain store)
Warehouse location: Danzig, Polen
Employees: 25.000 weltweit
Turnover: € 2.2 billion (2019)

Deployed software: PSIWms

Realized interfaces:

- + ERP (RMS)
- + Shipping systems (DPD, DHL, UPS, Schenker)
- + RFID (Checkpoint)
- + Pick-to-light
- + among other things

+ Reference project

“ With WMS in place, which manages all operations at LPP’s Distribution Centre, we are now able to handle highly complex processes. The system manages all stages of goods handling in the warehouse – from receipt and distribution between the domestic warehouse and bonded warehouse, and between the high-bay warehouse and the automatic warehouse, up to sorting and dispatch of goods to individual brand stores and countries. *Jacek Kujawa, Vice President at LPP S.A.*

LPP

PSI

e-commerce sales, is integrated into the distribution center. In light of LPP's dynamic business growth, the company decided to build another fully automated logistics center in 2013.

For LPP, it was clear that the key to success and a significant competitive advantage is a smoothly functioning logistics system that leaves nothing to be desired in terms of order lead times, accuracy, availability and reliability. A solution was also required that could easily map multiple warehouse locations and support various methods of goods receipt and release of goods – including cross-docking. In addition to these general requirements, a major challenge affected the consolidation of different warehouse automation systems in PSIWms – as each of the solutions comes from a different manufacturer. Two new sorters and a miniload system were also integrated.

The solution

Presently, PSIWms controls the flow of goods fully automatically throughout the entire distribution center by integrating automatic control units. Daily sales data is collected from the brand stores, and orders for replenishing stocks are automatically generated by the ERP system and transmitted to PSIWms, which initiates the picking cycle. Based on algorithms for artificial intelligence, PSIWms optimizes the routes during order picking. As a result, the efficiency of online order processing has been significantly improved, partly due to a reduction in picking distances by approximately 30 percent.

Goods are usually received in boxes which are stored in containers. Upon receipt of goods, the boxes are scanned, weighed, measured and provided with an additional internal label. The entire storage process is based on the flow of boxes – the goods are received and delivered in boxes. Internal flows are based either on full boxes (no sorting of goods) or on separate products (boxes with individually sorted products).

The processes handled by PSIWms include automatic and manual goods receipt, indication of warehouse locations (or immediate release if the box should not be stored) as well as picking, sorting, release and dispatch of goods. The system handles palletizing processes and other manual work with boxes, e.g. when labels are damaged or wherever additional work and certain value-added services are required. The only document to be printed is a label which will be attached to the shipping box.

Fact sheet

Users:

+ 220

Language:

+ Polish

Warehouse characteristics:

- + Storage and retrieval machine for 370,000 warehouse locations
- + One conveyor, crossbelt sorter, winder, labeling machine and shipping sorter each in use
- + Processing of several hundred thousand SKUs per year
- + Integration of control techniques (automatisms) of different suppliers
- + Service for the output of single items or of complete cardboard boxes
- + Automatic refill/automatic replenishment processes to supply the stores with goods



PSI Logistics GmbH

Dircksenstraße 42-44 · 10178 Berlin · Germany

Phone: +49 30 2801-2850 · info@psilogistics.com

www.psilogistics.com