

# WAREHOUSE MANAGEMENT BY E+P



BEST RUNNING  
WAREHOUSE

JUMBO  
ELECTRONICS  
RUNS LFS

EHRHARDT+PARTNER

## JUMBO ELECTRONICS

### CHALLENGE

- Complex processes in a big warehouse
- Permanent items on stock
- Different sized items from more than 35 brands
- Growing distribution

### SOLUTION

- Splitting the warehouse in three different areas
- Innovative combination of WMS and skilled workers
- Module for connecting and controlling the storage technology

### RESULTS

- Ability to control and manage the entire warehouse with one system
- Inventory accuracy 99.99%
- Inventory management is almost automated
- Efficient item storage
- Faster picking and put away rate
- Faster delivering rate

## Jumbo Electronics goes WMS

Established 1974 in Dubai Jumbo Electronics became UAE's leading distributor and retailer for IT & consumer electronics and offers products of a wide range of well known brands like Sony, Acer, Apple. Today Jumbo Electronics features about an extensive network of retail stores and six service centres spread across the emirates. It is a formidable force in the industry and is presently enjoying a growing distribution and retail presence in Oman, Qatar, Bahrain and Kuwait. In April 2011 they decided to upgrade/reorganise their warehouse. They decided to take the Warehouse Management System, shortly called WMS, provided by Ehrhardt + Partner Solutions (E+P) to make the warehouse work more efficiently. With the help of the WMS System Jumbo Electronics is capable to manage and control the entire warehouse with one system and exceed the limit they had before.

Shailen Shukla Logistics, Jumbo Electronics says:

“Our inventory management was reorganised with WMS, and it's been a great journey since. Picking is faster, put-away rate is faster, and our inventory accuracy is almost 99.99%“

Dr Makrem Kadachi, General Manager, Middle East, Ehrhardt + Partner Solutions says:

“The warehouse is the heart of Jumbo’s business, so if the warehouse doesn’t work, the whole business could suffer. One of our biggest promises is to deliver something stable and suitable to meet our costumers requirements, not only for the present, but the future too.”

## ■ Benefits of the WMS

With the help of the WMS the complete warehouse was reorganised in 3 different areas: the shelving area for small goods like mobile phones, the racks for mid-range items like TVs and the bulk area for larger items like refrigerators.

This reorganisation enables also a more efficient storage and free place(space) optimization inside the warehouse.

By letting enough space between the racks and shelves Jumbo has the opportunity to work with forklifts, reach trucks and power pallet trucks so they can speed up their storage and picking progress.



All the items in the warehouse have an assigned area so even if a skilled worker tries to store it in the wrong area, the system wont let him store it.

Thanks to the WMS the logistic stock is now the same as the physical stock. Stock counts are now much easier to make and the inventory losses and shrinking were reduced.

## ■ Precise at high speed level

Jumbo always wanted to fullfill their promis by beeing fast in delivery and with the help of WMS new options were opened. The WMS enables Jumbo to split the warehouse in two work shifts: 7am-4pm and 4pm-1am and to work more precisely at a higher speed rate.

During the day shift Jumbo loads only orders for delivery in Dubai and the night shift is for orders that have to make a longer delivery distance. The shift has been scheduled meticulously by Jumbo, so that goods are ready to be uploaded at 7am and reaching their destination by 9am.

## ■ Security

The stock in the warehouse which has over 50 million dirhams is too valuable to be secured like a normal warehouse. Because of that there has to be a very strict and organized control for the workers when they enter for work and leave so that nothing can be stolen. Therefore they relate to the airport security style. That means that every person who’s entering and exiting the warehouse utilises being frisked and has to pass through metal detectors. Besides that every person has to pass a fly security test to get an certified Id Card. Only with this card they can enter the warehouse.



### Jumbo Electronics

- Headquarter in Dubai, UAE
- Established in 1974
- UAE’s leading distributor and retailer for IT & consumer electronics



Warehouse Management by E+P



AT A GLANCE

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■ Ehrhardt + Partner

Ehrhardt + Partner is one of the internationally leading experts for warehouse logistics. Founded in 1987, E+P has developed into an international group of companies with more than 450 employees at 15 locations.

In cooperation with subsidiaries, the Ehrhardt + Partner Group offers integrated complete solutions for warehouse logistics from a single source. The logistics solutions from the E+P Group include the LFS warehouse management system, the material flow computer LFS.mfc, the transportation management solution LFS.tms, the pickmanager LFS.pm for efficient, voice controlled commissioning and radio frequency solutions, warehouse planning and consulting, hosting and cloud services, customer-specific customized solutions and warehouse seminars. Well-founded warehouse consultation, comprehensive expert know-how in warehouse logistics, professional project management, short project durations, on-schedule commissioning and reliable support round out the service portfolio.

The solutions from E+P are currently successfully in use on five continents. Currently, more than 800 successfully established warehouse locations across all industries are on the group's list of references.

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