

# LFS 400 - Reliable Warehousing for Hellmann Worldwide Logistics



Hellmann Worldwide Logistics is a family-owned private company established in Osnabruck, Germany in 1871. Today, this global logistics network operates facilities in 341 offices in 134 countries, employing excess of 15000 dedicated people. Hellmann established its presence in the Americas in 1988 with its headquarters in Miami, FL. Since then their presence in the United States has grown to 19 offices in 15 states. Hellmann's service offerings include Air Freight, Ocean Freight, Brokerage Services, Information Services, and Warehousing.

In order to control and manage their warehouse operations in Western Europe more efficiently, Hellmann purchased the LFS 400 Warehouse Management System from the Ehrhardt + Partner Group in 1997. The selection of LFS 400 was prompted, among other factors, by the capability to handle multiple customers, multiple locations and multiple sets of business rules; the ease of integration with multiple customer systems; the multilingual features; and the central administration of the modular system.

Based on the successful implementations in Europe, Hellmann upgraded their LFS 400 license to enable them to install LFS 400 throughout their U.S. operations.

LFS 400 was first installed in Miami for Hellmann's forwarding customers and distribution contract with Sony. The basic modules and the automated data collection module were installed in early 2001 to meet customer's requirements.

Since then there were many additions:

In the fall of 2001, the LFS 400 SAP R/3 interface was installed to provide an interface for one of Hellmann's customers, Sony, to the LFS 400 Warehouse Management System. The interface enables the customer



Location Miami

to send purchase and delivery orders and to receive receiving, reallocation, adjustment and shipment information. The adaptation of the software and the link to SAP R/3 were performed in a short amount of time, without disturbance to the daily business.

To support the Red Bull account a new customer was added to the Miami location and Hellmann rolled out LFS 400 to three additional warehouse locations over a three month period beginning at the end of 2001. Hellmann is responsible for distributing all product and marketing items for Red Bull in North America. All three locations were brought up with the



Location Chicago



Location Houston

basic package and the automated data collection module to use RF for receiving, put away, and picking. Although the processes are the same across the account, the warehouse layouts differ per location. Each warehouse is configured differently with different combinations of, manual, system directed, picking and bulk locations.



After LFS 400 was installed in the three new locations additional customers were added to the system to improve efficiencies and customer service. The LFS 400 standard interface module was employed  
**Location Los Angeles**

for several customers to provide a link between the customers ERP systems and LFS 400.

Today, Hellmann Worldwide Logistics/USA has four locations running LFS 400: Miami, Chicago, Houston, and Los Angeles. All four warehouses are linked via Hellmann's data network to a central AS/400 computer in Miami, where the operations are controlled and administered.

One attribute that enabled Hellmann to roll out the software quickly, is the high degree of parameterization used to adapt the software to provide unique solutions for user specific requirements and processes for individual locations as well as with in the warehouses themselves. For example to guarantee a 100% tracking history of the goods one warehouse is set up to record serial numbers for Sony's high-quality electronics; while another warehouse is set up to record lot/batch numbers for Red Bull; and a third location is set up to record Best-Before-Date for a separate customer.

At the time of this report Hellmann is planning to roll out LFS 400 to additional locations to provide better warehouse management and offer additional services to it's customers. Due to its' modular structure, LFS 400 can grow to meet the future requirements of Hellmann, with out having to alter current processes or data bases.

**Numbers, Data, Facts:**

**Hellmann Worldwide Logistics**

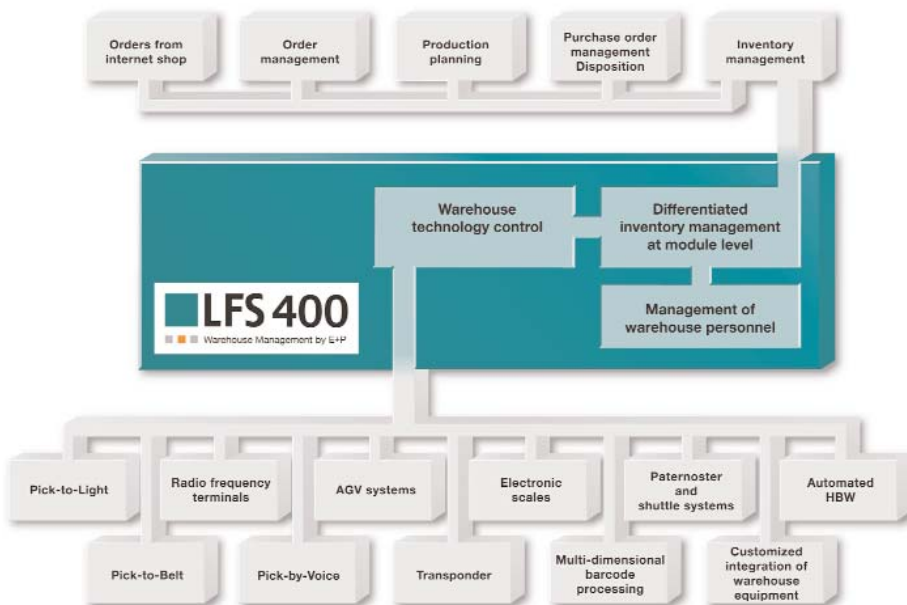
**Headquarters:** Osnabruck, Germany  
**Offices:**  
**Services:**  
**Number of employees:**

**Hellmann / USA:**

**Headquarters:** Miami, FL  
**Offices:** 19 in 15 states  
**Networked locations:**  
**Number of employees**  
**Additional information**

**LFS 400 modules employed:**

- Quality Control
- Label Printing
- Permanent Stocktaking with zero Level Control
- Purchase Order administration / GR
- Work Packages
- Forwarding
- Packing
- Dynamic location management
- Replenishment level
- Inventory transfer
- Connectivity Interface (to order management systems of multiple customers)
- SAP Interface
- Lot, Serial and Best Before Date (BBD) Inventory Control
- Radio Frequency (RF)



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