



 **LFS 400**

  Warehouse Management by E+P

**NISSIN Transport GmbH, Neuss:
Multinational Warehouse Management System
for Transport and Logistics**



EHRHARDT + PARTNER

Software Systems
for Warehouse Logistics

LFS 400 – Reliable warehousing software for international corporations

Customers and requirements: With some 200 subsidiaries, NISSIN Corporation is one of the leading international transport and logistic enterprises from Japan. The corporation manages its entire continental operations from its European subsidiary NISSIN Transport GmbH in Neuss. To co-ordinate processes in the German, French and Spanish subsidiaries from the center of operations in Neuss, the enterprise had been looking for a high performance multinational software solution with equally first class project management.

International software solution: After considerable research and meetings with several software vendors, NISSIN chose the LFS 400 Warehouse Management System developed by Ehrhardt + Partner. This choice of solution for the corporation was prompted, among other factors, by the multilingual and multi-client features, the continuous development of the software as well as by the central administration of the modular system.

Convincing results: The software manages four warehouses in three languages: Linked to the central computer in Neuss are three additional European locations, each with their own processes and language versions, all combined into one software installation. Additionally, the software offers transparency and numerous advantages for the warehouses linked to it. Fully automatic consignment consolidation and the automatic assigning of freight services cut transport costs considerably. LFS also assures faster order processing times thanks to its crossconsignment picking function. Another attribute of the software is the high degree of parameterisation, i.e. the parameter settings of one software installation can be set independently in the various locations and within the individual warehouses. For example NISSIN stores Sharp high-quality electronics at some locations. These facilities are set up to record the serial numbers of each item to guarantee a 100% efficient tracing of the goods.

Multinational data flow with LFS 400

Neuss

- Customer connection via fully automatic data interface
- Connection to customs warehouse
- RF at loading
- Lot/batch handling
- Link to SAP

Nettetal

- Block storage S6 strategy
- Connection to customs warehouse
- RF at loading
- Customer connection via standard interface
- Serial number recording at GR
- Connection to Neuss via ISDN direct line

Paris

- French language version
- Link to SAP
- Item conversion GD:GR
- Several stage replenishment (supply, master carton, carton, units)
- Several stage picking
- Connection to Neuss via FrameRelay

Barcelona

- Spanish language version
- Link to SAP
- Returns warehouse via "Drop Location" module
- B, C goods
- Serial number recording at GR
- Cash on delivery (via special controller in GD)
- Connection to Neuss via FrameRelay



Once the Special Requirements Document had been presented, four continental European Nissin warehouses were connected to LFS 400 within nine months. Further locations with different languages can be linked at any time without additional programming.



Numbers, Data, Facts



NISSIN Transport GmbH

NISSIN Corporation Japan

- Headquarters: Tokyo
- Offices: 100 offices in Japan, an additional 90 in Asia, Europe and America
- Services: Sea freight, air freight, intermodal transport, customs, storage, logistics, heavy goods transport, removals, exhibition transport
- Number of employees: est. 5,000 worldwide

NISSIN Europe

- Continental European headquarters: NISSIN Transport GmbH, Neuss
- European locations: 17 offices in 7 countries
- Networked locations: Neuss, Nettetal, Paris, Barcelona; further installations in Europe possible in the future
- Warehouse capacities:
 - Germany est. 13,500 storage places
 - France est. 12,000 storage places
 - Spain est. 7,500 storage places
- Number of employees: est. 300 in Europe
- Additional information: RF system supported



EHRHARDT + PARTNER





Project Data

| | |
|--------------------|--|
| Date of contract: | June 2000 |
| SRD: | June 2000 |
| Programming: | July 2000 to October 2000 |
| Training: | October 2000, key users and general users |
| Test phase: | parallel to programming and completion of each program stage |
| Go-live Neuss: | November 2000 |
| Go-live Nettetal: | January 2001 |
| Go-live Barcelona: | May 2001 |
| Go-live Paris: | August 2001 |

LFS 400 modules employed:

- Quality control
- Label printing
- Zero level stock control
- Work packages
- Forwarding
- Packing
- Replenishment level
- Logistic service accounting
- Inventory transfer
- Cross-docking
- Statistics
- Drop location
- Two-stage picking
- Fork lift control / RF
- Purchase order administration / GR
- Connection / Interface
- Bill of materials



Warehouse Management by E+P



EHRHARDT + PARTNER

Boppard-Buchholz, Germany



**Informática y Gestiones
Logísticas, S.L.**

Figueres, Spain



**INSTITUT FÜR ANGEWANDTE
WAREHOUSE-LOGISTIK**

Boppard-Buchholz, Germany