



LFS: WAREHOUSE MANAGEMENT FOR INTELLIGENT WAREHOUSE OPERATIONS

Today, warehouse performance depends less on individual technologies than on how processes are structured and controlled. Different industries, product ranges, and levels of automation each bring their own requirements. At the same time, expectations for efficiency, transparency, and economical resource utilization continue to rise. Companies must coordinate material movements, maintain accurate inventory records, and execute orders efficiently, often across multiple sites and countries. To keep warehouse processes efficient under these conditions, a system logic is required that reflects operational reality. Many warehouse management systems reach their limits here. Their functional scope is restricted, and specific processes often require extensive customization. As complexity increases, this leads to system landscapes that are difficult to maintain and harder to adapt or expand.

LFS follows a different approach. The warehouse management system was developed by logistics experts based on practical warehouse operating experience and is **“Born in the Warehouse.”** This origin continues to shape the system architecture today. Processes are designed around real warehouse operations rather than abstract software models.

Typical challenges:

- Limited flexibility of many systems when handling individual process requirements
- High customization effort for adjustments or extensions
- Restricted standard functionality
- Complex integration with other software systems and automation technology
- Limited scalability for complex warehouse operations and international rollouts

Flexibility built into the standard system

LFS maps all core warehouse processes within one integrated system structure. Material movements, order processing, inventory control, and resource coordination follow clearly defined process rules. At the same time, a wide range of logistics functions is already available as part of the standard system. This functional depth allows highly different process requirements to be implemented directly within the system. In many cases, adaptations are made through parameterization and configuration rather than individual programming. This enables companies to implement their specific processes without compromising system stability. The system supports manual, semi-automated, and highly automated warehouse environments alike. ERP systems, automation technology, and additional supply chain applications can be integrated in a structured way and embedded into one consistent process architecture.

Functions at a glance

- **Process-driven warehouse control**

Benefit: All warehouse movements follow defined, configurable processes.

Value: Clear workflows, reduced coordination effort, and predictable throughput times.

- **Real-time inventory and order visibility**

Benefit: Central consolidation of all movement and status data.

Value: Transparency across inventory, priorities, and workload in daily operations.

- **Integrated system and automation connectivity**

Benefit: Flexible integration of conveyor systems, material flow controllers, ERP, and supply chain applications.

Value: End-to-end control across the material flow.

- **Industry- and site-specific parameterization**

Benefit: Flexible adaptation to individual process requirements.

Value: One consistent system foundation while reflecting local and industry-specific needs.

- **Multi-client and multi-site capability**

Benefit: Mapping complex corporate structures within one system.

Value: Standardized rollouts and consistent processes across countries.

- **Cloud and SaaS operation**

Benefit: Scalable system architecture with modern security and update concepts.

Value: Reduced IT effort and a future-ready system environment.



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“LFS has proven to be a stable and reliable solution at all sites implemented so far. We are able to standardize our logistics processes internationally while precisely reflecting site-specific requirements.”

Operational impact:

- 40+ warehouses worldwide within the rollout program
- Multiple parallel go-lives across three continents
- Globally standardized process logic with local adaptability

Cloud-based, secure, and globally available

LFS is provided entirely as a Software-as-a-Service solution. Companies benefit from a centrally operated system environment without local installations or complex update procedures. Release changes are managed in a structured way and with significantly reduced effort, making enhancements available efficiently. Modern security standards such as OAuth 2.0 and OIDC protect access to sensitive data. Backup and disaster recovery concepts ensure high availability of business-critical processes. The cloud-based architecture allows additional sites, users, or performance requirements to be scaled flexibly. At the same time, seamless integration with ERP systems, automation technology, and further supply chain applications remains fully ensured. Qualified 24/7 support is available worldwide, complemented by continuously trained service and operations teams to ensure stable long-term system performance.

Your entry into structured warehouse management

Experience LFS in a live environment. Our experts demonstrate, using a practical scenario, how warehouse processes can be modeled, controlled, and analyzed transparently within the system.

Schedule your appointment now. »

