

## PRODUCT FACT SHEET

FIND OUT TODAY WHAT YOU NEED TO KNOW TOMORROW  
USE LFS.ANALYTICS TO CREATE  
SUCCESSFUL FORECASTS FOR YOUR BUSINESS



# LFS.analytics



### Automate decisions

Create and automate forecasts for continuous improvement of your business operations

### Objective knowledge gain

Decision-making optimized on the basis of data-driven and scientific methods

### Information acquisition in real time

The infrastructure provided by E+P makes it possible to analyze and evaluate results in real time

**Do you know how much potential remains hidden inside your warehouse? With LFS.analytics, we make available a service that uncovers and evaluates unused capacities within a warehouse. Make use of existing data, and tap into the full potential of existing opportunities.**

Is your business very seasonal, for example? LFS.analytics can make targeted forecasts for future developments from the data continuously produced by LFS.

**The possibilities provided by predictive analytics are as diverse and varied as companies themselves**



#### Market basket analysis

**Objective:** Store items together that are frequently ordered together.

**Result:** Reduce movements and costs.



#### Forecast future demand

**Objective:** Obtain information about patterns of demand.

**Result:** Optimize inventory and reduce storage costs.



#### Resource availability

**Objective:** Efficient resource planning.

**Result:** Optimize the resources that are used and reduce costs.

Engineered  
by EPG

Benefit from a high level of planning reliability by optimizing your existing processes. For example, LFS.analytics shows you how to manage your picking section most effectively by optimizing bin location for demand and time. You will then be prepared for the high season and can schedule staff most effectively.

LFS.analytics fully complements our range of services and consulting. The benefit: We understand your processes and requirements. We know what you need to optimize and we can start to make changes immediately.

## FOUR STEPS TO GREATER INSIGHT:

1.



### DATA COLLECTION

A key part of the project is your existing data for analysis. You can also integrate external sources of data (e.g. sales forecasts and weather data).

**The benefit of LFS.analytics:** You have your own database for logistics processes e.g. from LFS.wms, which can be used by the SaaS (Software as a Service) model without worrying about the version.

2.



### UNDERSTANDING THE DATA

Data to solve the problem is identified, pre-selected and prepared for use in the model.

**The benefit of LFS.analytics:** Our many years of experience and the range of IT projects we have implemented means that we have a full understanding of logistical data, which can be accessed directly e.g. in LFS.wms.

3.



### PATTERN RECOGNITION

The selected data and subsequent modeling is used to create the data model for pattern recognition, which is then refined and finished in an iterative process.

**The benefit of LFS.analytics:** The solution runs in our data center operated by Ehrhardt + Partner Xtended (EPX), which analyzes the data and outputs the result e.g. directly to LFS.wms. You therefore do not need any IT resources for this solution.

4.



### FORECAST AND IMPLEMENTATION

Once pattern recognition is complete, LFS.analytics is then implemented in your business. This includes setting up time- or event-based analysis and delivering the analysis results, e.g. to LFS.wms, as well as local implementation of optimization logic.

**The benefit of LFS.analytics:** The analysis results are incorporated directly into logistics operations to improve decision-making and processes. The results can be used regularly as a tool or to answer specific questions.



**We are always happy to hear your requests and queries, to evaluate their economic potential and implement them with practical solutions.**

EPC – Ehrhardt + Partner Consulting GmbH  
Alte Römerstraße 3 • 56154 Boppard-Buchholz • Germany  
Phone (+49) 67 42-87 27 0 • Fax (+49) 67 42-87 27 50  
Email [info@epg.com](mailto:info@epg.com)  
Internet [www.epg.com](http://www.epg.com)



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