



aberon[®]
LOGISTICS INFORMATION TECHNOLOGY

F - DRP

STORE REPLENISHMENT

Keep the balance
between overstock
and stockout

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aberon[®]
LOGISTICS INFORMATION TECHNOLOGY





F - D R P

STORE REPLENISHMENT

Inefficient inventory management can result in increased operating costs and limited liquidity or, otherwise, shortages.

aberon F-DRP (Forecasting & Distribution Resource Planning) is an effective solution for Sales Forecasting and Central Warehouse Inventory Planning, while **aberon** STORE REPLENISHMENT helps with the planning of Retail Chain Stocks and automatically creates replenishment orders.

With their rich features and the ability to adapt to any operating environment, **aberon** F-DRP and **aberon** STORE REPLENISHMENT provide modern organisations with tools for better inventory planning, so they avoid both overstocking, and stock shortages.

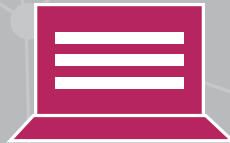
Easy to use

Complete the process in 3 steps

Sales
Forecast



Inventory
Planning



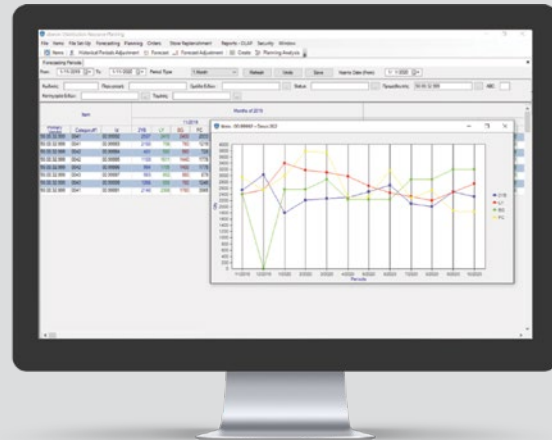
Creating
Orders



SALES FORECAST

Forecasting future sales is the basis for proper inventory planning and control.

The result of this automatic process is the statistical sales forecast for upcoming time periods (days, weeks, months). The forecasting algorithm takes into account both the seasonality and sales trend, removes data «noise», compares the seasonality per item with the seasonality of the statistical group to which the item belongs, and performs any necessary corrections.

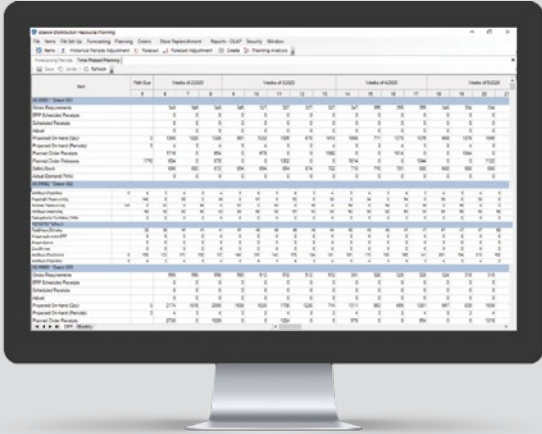


- Historical sales data are automatically transferred from the accounting application / ERP to **aberon F-DRP**, via a communication interface.
- The user has the option to intervene and correct any historical data, which were the result of occasional situations or targeted marketing promotions.

- The user also has the option to modify the projected sales, using additional market information or based on future marketing promotions.
- **aberon F-DRP** automatically recalculates the sales forecast and transfers it from the forecast time unit (e.g. month) to the inventory planning time unit (e.g. week), per procedure.

INVENTORY PLANNING

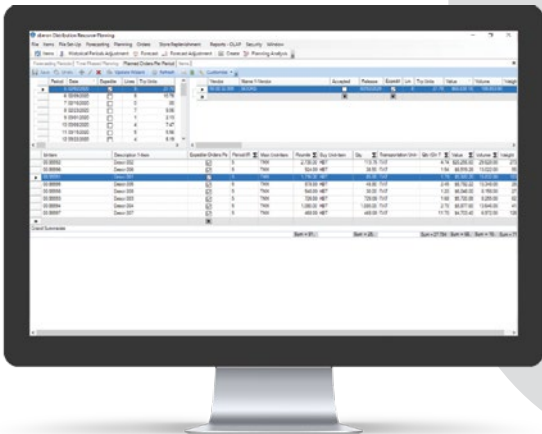
Inventory Planning is based on the Time Phased Planning model, which is implemented in MRP systems.



Inventory Plan Creation

aberon F-DRP, without any user intervention, automatically creates the inventory and purchase planning plan. The results are presented in a spreadsheet, where the user can check out, using type, time period, and other parameters, the following information:

- Estimated demand per period
- Expected deliveries
- Suggested orders to suppliers
- Suggested arrivals of supplier orders
- Projective stock in quantity
- Projective coverage stock per time period
- Safety stock per period



CREATING ORDERS

aberon F-DRP will automatically print out order slips to suppliers, listing quantities and items. It will also identify items to be ordered by expediting, in order to avoid future stockouts.

ADDITIONAL FEATURES

Inventory planning provides the following additional features

▷ Delivery Plan

The user can develop a delivery plan and get an oversight of how deliveries evolve over time.

▷ Creating Integral Loads

The user is able to configure whole loads to suppliers (trucks, containers, wagons, etc.) to reduce transportation costs.

▷ Sensitivity Simulation and Analysis

Introducing the evolution of any available stock in the long run, aberon F-DRP enables the user to diagnose impending future problems, such as storage system insufficiency, liquidity problems, etc., as well as to calculate insurance premiums, based on the amount of future projected stock.

▷ Creating Sales Budget

aberon F-DRP provides the ability to create sales budgets by converting the sales forecast into a budget.

Store Inventory Planning

To **aberon STORE REPLENISHMENT** is a complementary module of **aberon F-DRP**, for replenishing the stock of retail chain stores.

Unlike stock replenishment in central warehouses, stock replenishment for stores is completed within short times. The process of replenishing is fully automated, since **aberon STORE REPLENISHMENT** automatically issues replenishment orders, according to the plan.

For each store, the delivery time (lead time), the weekly refill frequency, and the level of customer service (CSL - Customer Service Level) are pre-defined in the system.

aberon STORE REPLENISHMENT processes historical sales data, removing any «noise» that comes from promotions or stockout, and produces the best possible replenishment orders for execution.

aberon STORE REPLENISHMENT provides many additional functions, such as:

- Management of the range of codes per store (Range Management)
- Ranking of stores per item category
- Displays Management
- Item Replacement Management
- Management of items delivered directly to the customer from a central warehouse



BENEFITS

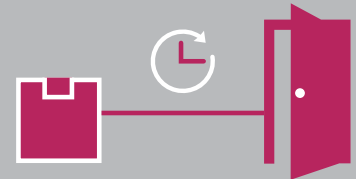
By integrating **aberon** F-DRP and **aberon** STORE REPLENISHMENT into their processes, companies can witness immediate operational and operational benefits, such as:



Reduction in stocks, storage costs and storage space requirements



Improved customer service and reduced deficiencies in customer orders



Improved collaboration with suppliers; improved delivery times



Reduced transportation costs by creating whole loads



Reduction of costs from devaluation of products



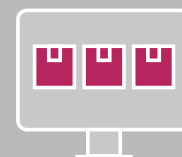
Early prognosis of potential future problems



Improved collaboration amongst the company's departments, and reduced workload for the planning and warehousing departments



Ability to investigate extreme instances (what if analysis)



Better planning in logistics management functions



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