

DEMAND FORECASTING AND INVENTORY OPTIMIZATION IN CLOUD

Grow your business faster
Generate more profits
Optimize inventory



The market success of companies is inseparably connected with the possibility of providing to customers the wanted products in the shortest possible time at a competitive price. Thanks to this, companies can generate profits and have access to financial resources enabling further development.

Demand forecasting

Traditional strategies used by companies in the area of replenishing distribution centers, based on a simple calculation of sales coverage days, which were successful in the past, now prove to be insufficient

Challenge: The high volatility of market demand and elements affecting the supply chain cause, on the one hand, the lack of availability of certain product groups and, on the other, the overstock situation in other groups.

The lack of availability of the products results in lower Service Level, penalties, loss of customers and margin. Wrong stock structure causes the increased costs of working capital and logistic costs that affects badly profitability and cashflow.

Solution: Solution that effectively mitigates this type of undesirable phenomena is the use of advanced methods of demand forecasting. They can help identify changes in customer preferences in the form of a trend and seasonality as well as understand impact of marketing activities and price promotions. Knowledge about the variability of demand over time allows to act proactively and get prepared in advance for the situations of the expected increase in demand in certain product groups, as well as the decrease in other product groups. That helps adjust the inventory structure accordingly.

The use of advanced forecasting methods and inventory optimization engine based on logistic constraints integrated in fully automated and scalable process enables generation of optimal replenishment recommendations for the distribution center.

Inventory optimization

Generated replenishment recommendations can be easily converted into the ready-to-send-to-supplier purchase orders in the ERP system or used in S&OP meetings to reach consensus in planning

The second element that allows you to improve inventory management is the optimization of replenishment. Information on demand and its volatility

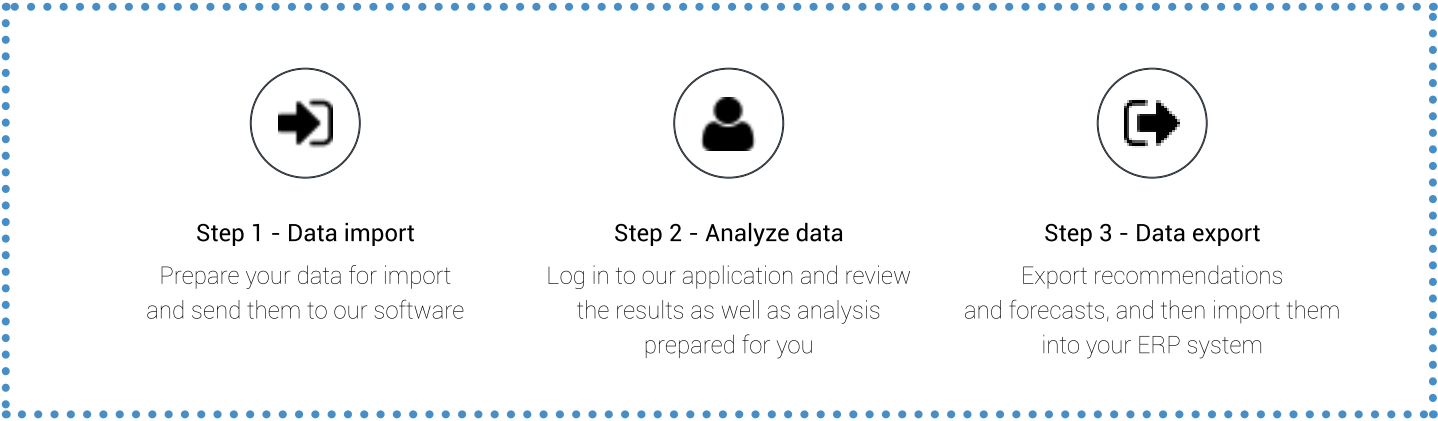
is a very important, but insufficient to maintain optimal inventory levels. Elements that have a big impact on decisions regarding what, when and how many to order are related to logistical constraints. The most important of them include information on delivery times, the level of suppliers' reliability measured by timely deliveries and their completeness, MOQ, supplier's and your own distribution centers work calendars, etc. Understanding the impact of these factors enables to properly shape the process of replenishment and maintain the appropriate safety stock levels.

Demand forecasting and inventory optimization in 3 easy steps

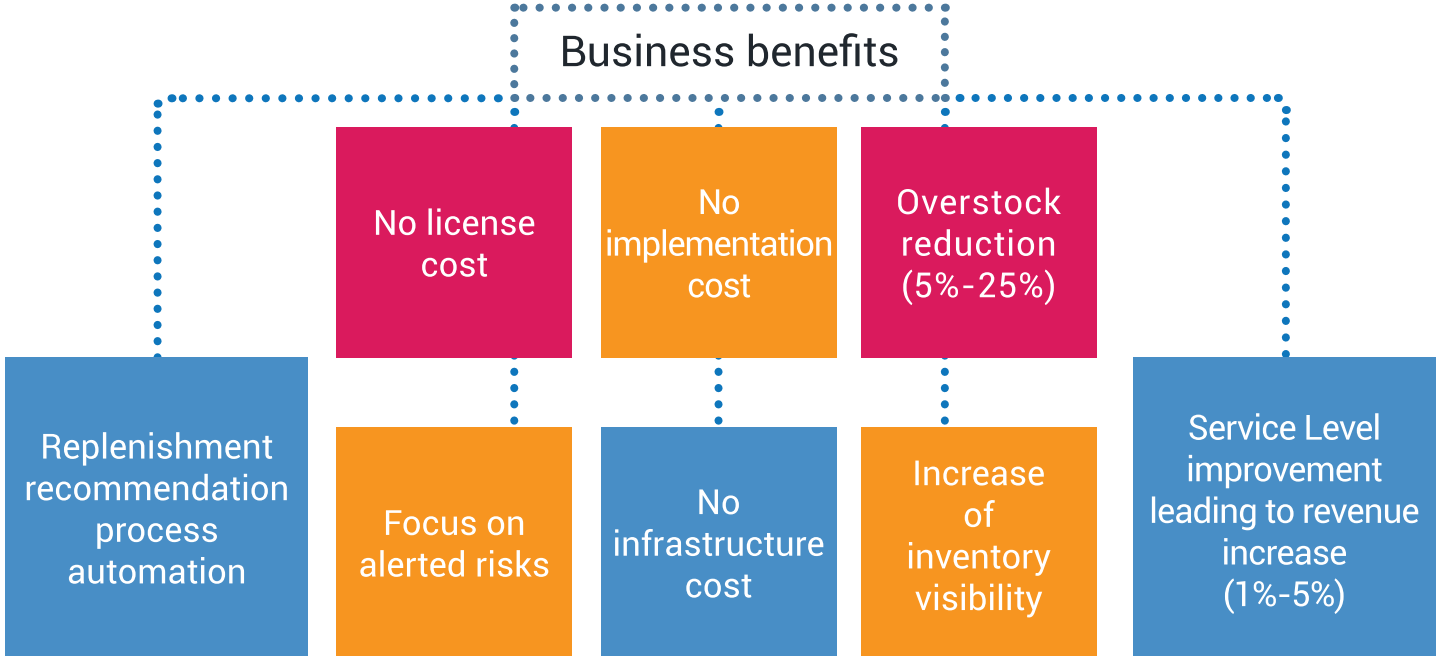
SMARTSTOCK is a cloud - based service that enable to:

- forecast demand of SKUs
- optimize replenishment recommendations for distribution centers
- time - phased planning and alert generation on risk of out-of-stock and overstock

Operation of the system can be depicted in 3 steps.



SMARTSTOCK is a service that harness scalability and large volume of data computation available in cloud. It does not require installation on customer side.



Would you like to learn more about our solution?

Are you interested in demand forecasting and inventory optimization service?

Get in touch with us. We are happy to help you improve your business.

We offer a free of charge trial period based on your data before final decision on the production usage of our service.

Customer Service

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