A complete overview of your supply chain – in real time, at any time

# SUPPLY CHAIN MANAGEMENT SOFTWARE "ORSOFT ENTERPRISE WORKBENCH"

In hardly any other area of production does strategic, tactical and operational planning have to be as precise as in supply chain management. The challenge: complex structures, a multitude of different parameters, and rapidly changing production logistics conditions. In many production facilities, supply chain management planning levels are separated based on concepts, personnel and software technology.

This separation leads to deficits in accuracy, reliability, flexibility, reaction speed and fulfilment of strategic goals. But to have a complete overview of the supply chain, it is not only necessary to collect data. Separate data models, or even the use of offline copies of data, are prone to errors and are anything but real-time.

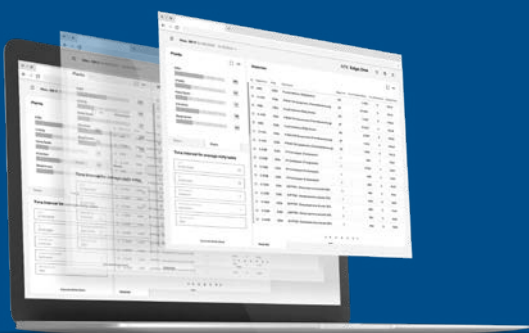## In-memory solution based on SAP ERP and SAP S/4HANA

The ORSOFT Enterprise Workbench in-memory solution supports SOP planning, requirements planning, inventory optimization, strategic material and capacity simulations, and reliable capacity balancing.

Instead of SOP planning in fixed cycles, planning that can be carried out at any time, providing reliable planning results that can be directly implemented in detailed planning within very short response times.

## Material, deadline, budget and capacity planning for production in flow

The solution is based on the production logistics model of SAP ERP and SAP S/4HANA. The capacity check is not based on coarse volume-time requirements, but on scheduling, taking relationships, shifts and other restrictions into account.

Interactive, simulation-based planning processes replace the previous batch-oriented processes and the rough planning is seamlessly offset against the detailed planning. This can be done either as infinite or capacitive planning or as scheduling by the minute. It is also possible to plan against stock levels.

## Demand planning to improve your forecast accuracy

Sales planning within the Enterprise Workbench enables more precise statements about future sales developments to be made. The tool helps users to generate the greatest added value for the future by means of comprehensive statistical forecast models from past data.

The ORSOFT Enterprise Workbench offers attractive interfaces for recording the demand situation. Vertical, hierarchical aggregation is supported right from data entry. Time-based aggregation and disaggregation is also possible. Key figures can easily be added or removed during runtime. All key figures that are part of a hierarchy retain their context.

Promotions and special effects can be easily separated using variably definable key figures. The program also allows the automatic selection of the most suitable forecast function. Necessary data can be loaded from SAP ERP and SAP S/4HANA, as well as from Excel files. Thanks to the existing connection with SAP ERP or S/4HANA, all planning data is always up-to-date.

Of course, the software also enables extensive reporting, as well as cooperative planning of different user groups without latency.

## Optimized supply volume with inventory optimization

Adapting the supply volume to customer demand is also more important than ever in planning. Inventory optimization as an Edge.One app for the ORSOFT Enterprise Workbench helps to balance out conflicts between a high service level for customer orders and the lowest possible inventory costs by calculating production relevant master data at regular intervals using machine learning techniques.

The safety stocks are calculated in six steps for this:
1. Evaluation of historical data for purchasing and sales, e.g. from SAP Business Warehouse or SAP ERP
2. ABC/XYZ analysis of both material types and subsequent grouping
3. Actual calculation of the safety stock or lot size
4. Before and after analysis of safety stock or lot sizes
5. Write the changed safety stocks and lot sizes to SAP ERP
6. Use of automated push notifications, should modified safety stocks be relevant for further ORSOFT applications

# THE BENEFITS OF THE ORSOFT ENTERPRISE WORKBENCH AT A GLANCE

- Real-time planning
- Security through certified integration in SAP ERP and SAP S/4HANA
- Same KPIs at all planning levels
- Vertical hierarchical distribution of distribution functions

- CTP and PTP checks directly from customer entry
- Reliable results with compact throughput times even for long-running logistics chains

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