

Sales and Operations Planning, Rough-cut Planning & Demand Planning

Real-Time and Anytime

Currently, the planning levels of supply chain management (SCM) are being organized separately and often hierarchically with regard to planning conceptions, personnel and software technology.

This separation leads to deficits in accuracy, reliability, flexibility, responsiveness and fulfillment of strategic goals.

ORSOFT Enterprise Workbench resolves these deficits as an in-memory solution. It supports sales and operations planning (SOP), demand planning, inventory optimization, strategic simulation for material and capacity availability and capacity leveling.

This ORSOFT solution allows users to replace the common practice of static SOP cycles by keeping an up-to date plan that is always executable. It delivers reliable planning results in a short time that can be directly implemented in detailed scheduling. Interactive, simulation-based planning processes replace existing batch-oriented processes.



Rough-cut planning figures are balanced with detailed schedules. Strategic simulations of future resources and future products are enabled by the use of modifiable copies of existing master data.

Next Generation SCM and SOP: Real-time Planning and Simulation at Any Time

INNOVATIVE SOLUTIONS TO CURRENT CHALLENGES

Increasingly volatile conditions of production logistics require increasingly precise and fast planning. Solutions also need to support what-if simulations and integrate strategic planning with tactical planning and detailed scheduling.

ORSOFT Enterprise Workbench satisfies those requirements as an in-memory solution with its revolutionary approach. In contrast to most comparable solutions, planning in ORSOFT Enterprise Workbench is based neither on a separate business data model nor on an offline copy of ERP business data. Instead, it is based on the live production logistics business data of SAP ERP or SAP S/4HANA. Capacity checks are not based just on a simplified volume-time-requirements model; they are based on detailed schedules that consider relationships, shift patterns and other restrictions.



Certified Add-Ons
for SAP® ERP
and SAP® S/4HANA

Benefits

RELIABILITY THROUGH CERTIFIED INTEGRATION WITH SAP ERP AND SAP S/4HANA

The solution uses a certified interface to SAP ERP and SAP S/4HANA, and it can be implemented and be put into productive use within just a few weeks. ORSOFT has been a close partner of SAP SE since 1997 and a Microsoft ISV Gold Partner since 2011. SAP-certified ORSOFT solutions can be obtained directly via SAP App Center.

ORSOFT software solutions are based on a standard system with a user-specific shell that is the basis for tailored, individual solutions.

LONG SUPPLY CHAIN

An integrative scheduling model helps to avoid “blow-up” effects on lead times. These occur in other rough-cut planning models when each step in the supply chain needs to use a separate discrete buffer interval to guarantee consideration of relationships, thus causing an unnecessarily long lead-time in a supply chain with many steps. ORSOFT Enterprise Workbench delivers reliable and precise results with more compact lead times, particularly for a supply chain with many steps.

INTEGRATED OPERATIONS AND ANALYTICS: IDENTICAL KPI ON ALL PLANNING LEVELS

Because the consequences of each simulative change regarding budget and margin are displayed immediately in ORSOFT Enterprise Workbench, planners can orient their work on strategic corporate objectives and proactively create business plans that are particularly profitable.

INTEGRATED PLANNING OF PRODUCTION, MAINTENANCE AND QUALITY ASSURANCE

ORSOFT Enterprise Workbench allows not only the seamless integration of hierarchical levels such as rough-cut planning and detailed scheduling, but also the horizontal integration of business processes such as personnel planning, maintenance planning and planning of quality assurance operations. Even on a tactical horizon, those processes may pose restrictions to production flexibility and hence should be taken into consideration in sales and operations planning.

ANYTIME: CURRENT PLANS AVAILABLE AT ANY TIME

The system is integrated online with SAP ERP or SAP S/4HANA, providing various modes of updating business data. As all modifications are reintegrated into SAP business data within a short time frame, all information required is available there anytime reliably and precisely.

REAL-TIME: FAST PLANNING RESULTS

Users work interactively with ORSOFT Enterprise Workbench due to short response time. This allows new business process procedures that were formerly not included in ERP or SCM planning conceptions to be implement. For example, capable-to-promise (CTP) and profitable-to-promise (PTP) checks can now be executed during sales order entry, and corresponding production orders can be created immediately as a result. ORSOFT Enterprise Workbench contributes to a strong agile enterprise by replacing cyclic planning.

CONSISTENT AND PRECISE MODEL

ORSOFT Enterprise Workbench is based on business data from SAP ERP or SAP S/4HANA. This business data model can be enhanced by additional information or aggregated into a rough-cut plan visualization. This enables precise planning and scheduling results that arise from seamless planning because even in overlapping planning horizons, rough-cut figures and detailed scheduling will always be balanced precisely.

HIERARCHICAL KEY FIGURE VISUALIZATION WITH IMPLICIT KNOWLEDGE OF SOURCE HIERARCHY

Distribution functions can be used not only horizontally on a time level, such as distribution of annual to weekly quantities, but also vertically along hierarchies, such as distribution of product group to single item quantities in a given ratio. Modification of an aggregated figure in such a case will be distributed to its subordinate source figures.

PRICING AND IMPLEMENTATION EXPENSE

ORSOFT Enterprise Workbench is offered with an attractive user based pricing model.

It can be implemented in a short time due to the low expense of collecting all necessary information because most data is usually already contained in the SAP ERP or SAP S/4HANA business data model.



SAP® Certified
Integration with SAP® S/4HANA

SAP® Certified
Powered by SAP NetWeaver®

SAP® Certified
Integration with Applications on SAP HANA®



Gold Application Integration
Silver Application Development
Silver Datacenter

Features

MICROSOFT EXCEL DATA IMPORT AND EXPORT OF RESULTS AS REPORTS

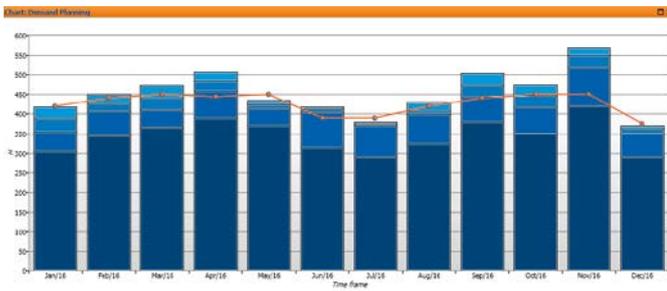
Required business data can be retrieved from SAP ERP or SAP S/4HANA as well as from Microsoft Excel. While integration with SAP ERP or SAP S/4HANA always provides current planning data, loaded data from Microsoft Excel allows users to consider planning scenarios that are not fully represented in SAP systems.

CROSS-PLANT SCM PLANNING

Planning of cross-plant supply chains allows the simulation and evaluation of shifting production between plants based on defined key figures.

STACKED LIKELIHOOD

The option to stack future demands based on their likelihood can show at which assumed capacity overload it may be necessary to provide additional resources. The option to reschedule with these simulated additional resources will show the relief these additional resources can actually yield.



STRATEGIC SIMULATION THROUGH SIMULATED MODIFICATION OF RESOURCES AND MATERIALS

While sales and operations planning usually provide no opportunity to modify resource availability, ORSOFT Enterprise Workbench allows simulative creation of new resources or materials using existing master data as templates and simulative use of these new master data in routings or recipes. This allows users to evaluate the necessity and profitability of investing into new resources.

COOPERATIVE WORK

ORSOFT solutions support cooperative planning by various user groups in various departments by making all results and simulations available to everyone without latency.

VERSIONING OF PLANNING SCENARIOS

Planning scenarios (such as worst case or best case) can be stored and compared even over different horizons (such as live planning, budget planning and rolling scheduling). All scenarios share common key figure definitions.

REPORTING

ORSOFT Enterprise Workbench provides extensive reporting with regard to controlling, purchasing, stocks, capacity, material flow etc. Reports can be structured by various criteria such as cost center, geographic units etc.

ABOUT ORSOFT

ORSOFT GmbH is one of the leading software and consultancy companies for advanced planning and supply chain management in Europe. ORSOFT employs more than 90 experts, has an annual turnover of about EUR 10 million and has been continually profitable since its founding in 1990.

ORSOFT supplies high-quality solutions and consultancy services to optimize processes and is an SAP Services Partner of SAP Deutschland.

Its customers include Boehringer Ingelheim Pharma GmbH & Co. KG, Clariant Produkte (Deutschland) GmbH, Danone Group, FRUTAROM Production GmbH, Hirschvogel Holding GmbH, NMC sa, HACO AG, Sanofi-Aventis Deutschland GmbH, Sasol Wax GmbH, TEVA ratiopharm GmbH, Zentis GmbH & Co. KG, ZF Friedrichshafen AG and many others.



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