ORBIS Order-Picking Cockpit

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Process optimization and cost reduction – an absolute must in the logistics chain and a vital ingredient for your success and competitive edge. The challenge of providing innovative products, rapid availability and low costs, combined with top quality, calls for efficient system solutions for your intralogistics and mobile applications.

We have developed the ORBIS Order-Picking Cockpit to meet these requirements. The ORBIS Order-Picking Cockpit is a solution for planning and managing order-picking processes, integrated into SAP.

The solution is made up of the following add-ons:

1. Order-picking scheduling for flexible planning of deliveries
2. Order-picking monitor for order-picking approvals
3. Workload monitor for specific sequence planning during order-picking within order-picking planning areas
4. If conveying technologies are incorporated: site-oriented strategies for storage, retrieval and resto-rage for high-bay warehouses and automated small components warehouses

The ORBIS Order-Picking Cockpit can be integrated directly into the existing SAP landscape.

1. Order-picking scheduling for flexible planning

The order-picking scheduling allows you to create order waves and to allocate dispatches to trucks, while taking departure times, dispatch priorities, routes, volumes, distribution points and other parameters into account.
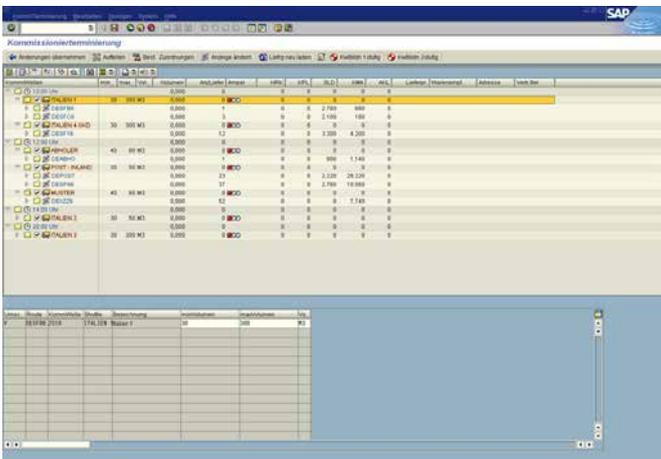

2. Order-picking monitor for order-picking approvals

The order wave monitor gives you a constant overview of the current status of all order waves. It can also be used to specifically approve order-picking in the order-picking planning areas and to automatically initiate a restock of an order-picking area, so dispatches can be put together in synchrony.
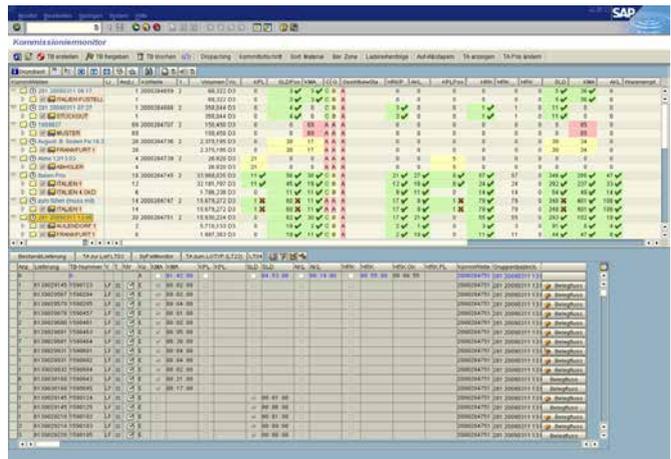
3. Workload monitor for specific sequence planning within order-picking planning areas

Order-picking waves of dispatches can easily be rescheduled within the order queue, allowing you to react to any problems with speed and focus. Any errors are detected and displayed. Freely definable alternative solutions can be displayed and executed. Custom functions can be integrated into individual menus, allowing order-picking to be controlled centrally from the monitor.
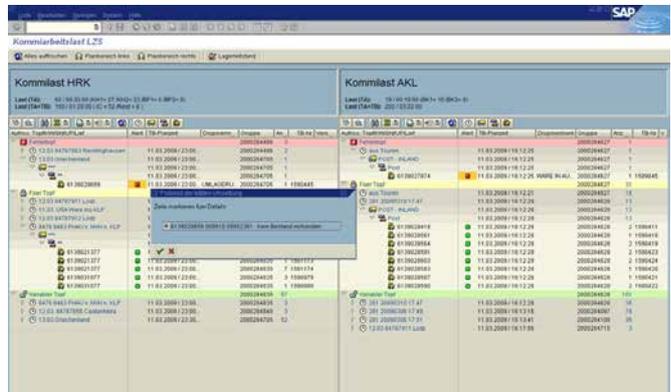
4. Plant-oriented strategies for storage, re-trieval and restorage for high-bay ware-houses and automated small components warehouses

As both plant load (storage and retrieval machines, trans-fer trolleys, incoming goods track) and plant conditions (aisle problems, transfer trolley problems, cross-conveyors not allowed) can be taken into account, specific storage and retrieval strategies can be developed, providing near-perfect warehouse utilization.

Verteilung der Artikel über die Gassen:

Material	Σ Anz. LE	Σ 2-01	Σ 2-02	Σ 2-03	Σ 2-04	Σ 2-05	Σ 2-06	Σ 2-07	Σ 2-08	Σ 2-09
	Σ 21.213	Σ 2.356	Σ 2.359	Σ 2.357	Σ 2.356	Σ 2.356	Σ 2.356	Σ 2.357	Σ 2.359	Σ 2.357
862791	97	11	10	6	8	9	12	14	15	12
1617005	97	10	11	11	11	11	11	11	11	10
78001	89	9	9	10	10	10	10	11	10	10
9164076	89	9	9	10	11	10	11	10	10	9
9921454	85	10	10	9	9	9	10	9	9	10
1636006	75	8	9	8	7	7	9	7	10	10

Advantages of the ORBIS Order-Picking Cockpit

* Automatic flexible planning of dispatches
* Synchronizing of order-picking, allowing prompt pro-vision of all dispatch items
* Flexible reactions to priority changes (e.g. express deliveries)
* Short-term reactions to error situations (e.g. incorrect stocks)
* Use of the pull principle in order-picking
* Central control of order-picking (custom functions possible)
* Optimizing of warehouse capacity
* Efficient resource planning and utilization
* Increased dispatch reliability

Highlights of our portfolio

* Analysis and optimization of your intralogistics
* Warehouse solutions based on SAP LES and SAP EWM
* Optimization of packaging and shipping activities
* Direct link to express carriers
* Transportation management and freight cost calculation
* Integration of your production processes (SAP-based MES)

EXTRACTED FROM OUR INTRA-LOGISTICS REFERENCES

About us
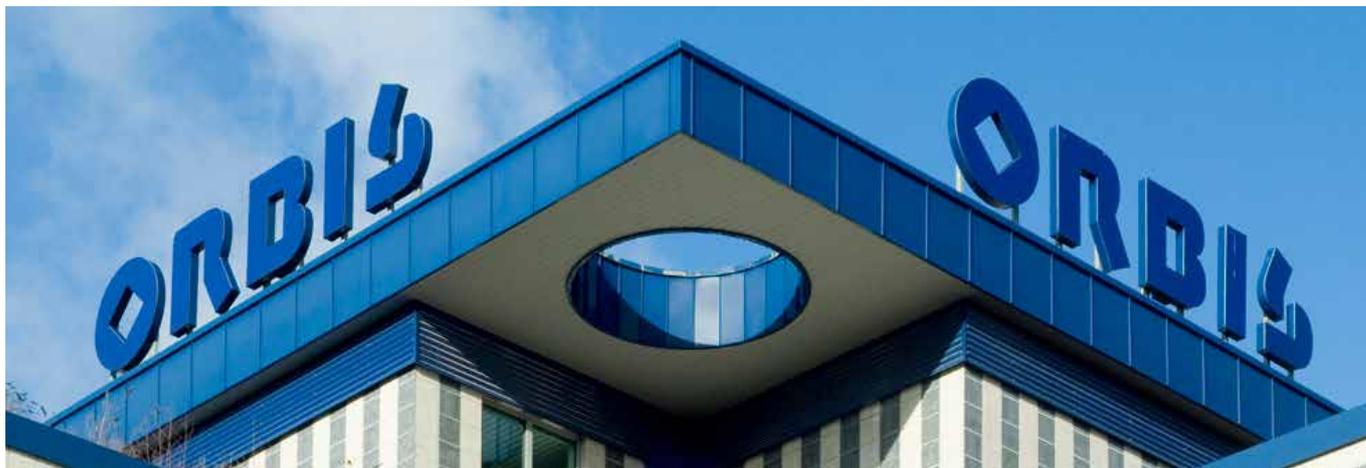
ORBIS is an international software and business consulting company. With roughly 400 employees, ORBIS advises and supports international corporations and small and medium-sized enterprises in issues ranging from their IT strategy and the optimization of their business processes to system selection, system implementation and system integration. ORBIS uses solutions from the market leaders SAP and Microsoft, companies that ORBIS shares a close partnership with.

Our core competencies cover classic Enterprise Resource Planning (ERP), SAP S/4HANA, Supply Chain Management (SCM), Logistics Execution (EWM/LES), Manufacturing Execution Systems (MES), Variant Management, Customer Relationship Management (CRM) on-premise and cloud, Business Analytics (BI, EPM and data warehousing) and Product Lifecycle Management (PLM). ORBIS supports worldwide rollouts of ERP solutions and processes as a reliable partner. Own solutions for Smart manufacturing, BI, MES, product costing and variant management as well as add-ons based on SAP complete our service portfolio. On the Microsoft Dynamics CRM platform, ORBIS offers sophisticated sector solutions and best practices that it has developed itself, such as SAP-integration.

Over 1500 successfully completed client projects are testimony to our many years of experience in the automotive supplier industry, construction supplier industry, electrical and electronics industry, machinery and plant manufacture, logistics, metal industry, consumer goods industry, trade and the pharmaceutical industry.

ORBIS' long-standing customer base includes among others, Bosch, Eberspächer, Edscha, Hager Group, Heineken Switzerland, Hörmann, hülsta, HYDAC INTERNATIONAL, Jungheinrich, KSB, KUKA Roboter, Magna, Melitta Haushaltsprodukte, Modine, Paul Hartmann, Pilz, Rittal, Schott, SCHUNK, Villeroy & Boch, WAGO Kontakttechnik and the ZF Group.

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