



# Digital Supply Chain by ORBIS

*empower supply chains*

DSC

# DSC BY ORBIS



## Digital Supply Chain by ORBIS:

The corporate supply chain has a major impact on the entire organization. Today, it is no longer enough for it to be merely cost-effective and efficient. To avoid disruptions in the **supply chain** and make it **risk-resilient**, it is important to **connect** the supply chain to the **entire business** and **its data**. Resilient supply chains form the basis for facing any challenges with confidence.

In this respect, ORBIS supports you with **concentrated digital supply chain power!**

Today, the **cloud** plays a significant role in stable supply chains.

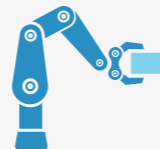
From core using **RISE with SAP** to planning with **SAP IBP** and solutions for logistics with **SAP EWM, SAP TM, SAP Yard Logistics & SAP Business Network for Logistics** as well as production with **SAP Digital Manufacturing** to service with **SAP Field Service Management** – we are the partner for topics related to the digital supply chain.



ORBIS offers SAP process consulting and its own ORBIS solutions integrated in SAP



Active worldwide on 3 continents and in 7 countries



> 30 years of experience in the manufacturing industry



## Take your supply chain planning to the next level

**Process transparency** at all levels and across the entire supply chain, high **efficiency** and **planning accuracy** play a major role in production. **SAP Integrated Business Planning (IBP)** offers the key to success and provides the purchasing, detailed production planning and scheduling departments with a solid basis for planning.

### The benefits at a glance:



Planning simulation throughout the supply chain



End-to-end supply chain planning across plant and system boundaries in quantities and values, at any level of granularity and dimension



Modern planning frontends in Excel & support of a Fiori user interface



Diverse planning functions, machine learning-based forecasting methods, modern analysis and reporting functions in one tool

ORBIS offers **process consulting** and **implementation** from a single source. Take also advantage of a **demo system** for the implementation of the conceptual project work.

**Experience SAP IBP – a modern tool for perfectly mapped planning processes at the highest level with unbeatable convenience in the cloud!**

## Integrated detailed production planning for optimized manufacturing processes

Detailed production planning must respond flexibly to changes to ensure that bottlenecks don't occur. Say goodbye to intransparent and unrealistic illustrations in manufacturing. Create a consistent and multi-level, i.e. **consistent** across all BOM levels, **optimal detailed production plan** in day-to-day business with little effort thanks to **Advanced Planning in SAP S/4HANA!**

### The benefits at a glance:



**Realistic production planning with reasonable effort** through a joint examination of capacities and material availabilities. Resource utilization and optimal usage of machines and systems are optimized.



**Reduced lead times & increased on-time delivery performance** through automated change planning of resource allocation and order schedules. Several solution scenarios can be tested with extensive simulation options.

**Use Advanced Planning in SAP S/4HANA and benefit from automated, feasible and backlog-free detailed production planning!**



## Optimize your logistics with SAP Transportation Management

The transportation industry is facing unprecedented complexity as customer demands for efficiency continue to increase. Accordingly, the requirements for accuracy, speed and flexibility in transport are also higher than ever before.

Use **SAP Transportation Management** to control physical transportation activities while managing freight costs and providing end-to-end visibility of transportation flows to **improve service quality** and make **real-time decisions**.

### What are the advantages?



#### Higher productivity

through higher automation in processes, electronic collaboration and fewer redundancies



#### End-to-end transparency in transport

and improved service levels through electronic track & trace functions and a cross-system flow of documents



#### Improved cash flows

through accurate cost calculations and invoicing

**Support your entire order lifecycle with SAP TM and take advantage of the ability to manage capacity and to plan, consolidate, and optimize all shipments** – whether inbound or outbound, national or international – while taking into account real-world conditions and costs.



# SAP BUSINESS NETWORK FOR LOGISTICS

## Improve the resilience of your supply chain

SAP Business Network for Logistics connects companies with their business partners and provides **cross-company collaboration** and **transparency**. The open network facilitates the exchange of information between supply chain players on a global level to exploit synergies, promote common understanding and optimize processes – at lower cost and with better capacity utilization.

Likewise, it helps manage exceptions and **promotes productivity** through easier supply chain collaboration based on **real-time data** and **predictive intelligence**.



### Lower logistics-related costs

through digital collaboration with a global network of freight forwarders and service providers



### Faster reactions

Information on risk factors affecting the supply chain and faster response to disruptions through integration with order fulfillment processes



### Improved safety

and sustainability through traceability of materials and product information

Use **SAP Business Network for Logistics** to drive agility and resilience in your supply chain.

**Achieve complete transparency and operational efficiency in your company!**



## Get the most out of your warehouse management

Due to the rapid development of technologies and business models, both manufacturing companies and logistics service providers face the challenge of optimizing the flow of materials by improving processes in warehouses and distribution centers.

**SAP Extended Warehouse Management** helps you optimize your business with technology that provides **visibility**, **maximizes order fulfillment efficiency**, and **improves customer service**.

### Optimize warehouse and distribution operations with end-to-end logistics processes



Reduction in storage costs



Improved customer service



Increased productivity



Improved organization & monitoring

With SAP EWM, you get a global system designed for warehousing and logistics, which supports your processes from planning and storage to picking, packing and shipping. So, boost your readiness, throughput, and agility!

**Use SAP Extended Warehouse Management as a future-proof solution and identify new, process-related potential today.**



# Optimization, simplification and automation of your yard managements

Achieve higher efficiency and sustainability in supply chain logistics with **SAP Yard Logistics** to **increase your transparency across all yard processes** and preview planned workloads with a range of visualization and reporting tools.

## The functionalities at a glance:



### Order and schedule planning & check-in

Scheduling of inbound and outbound shipments, higher efficiency in managing gate-in and gate-out processes & better resource utilization



### Yard handling and administration

Improvement in delivery speed, better customer service, acceleration of work processes

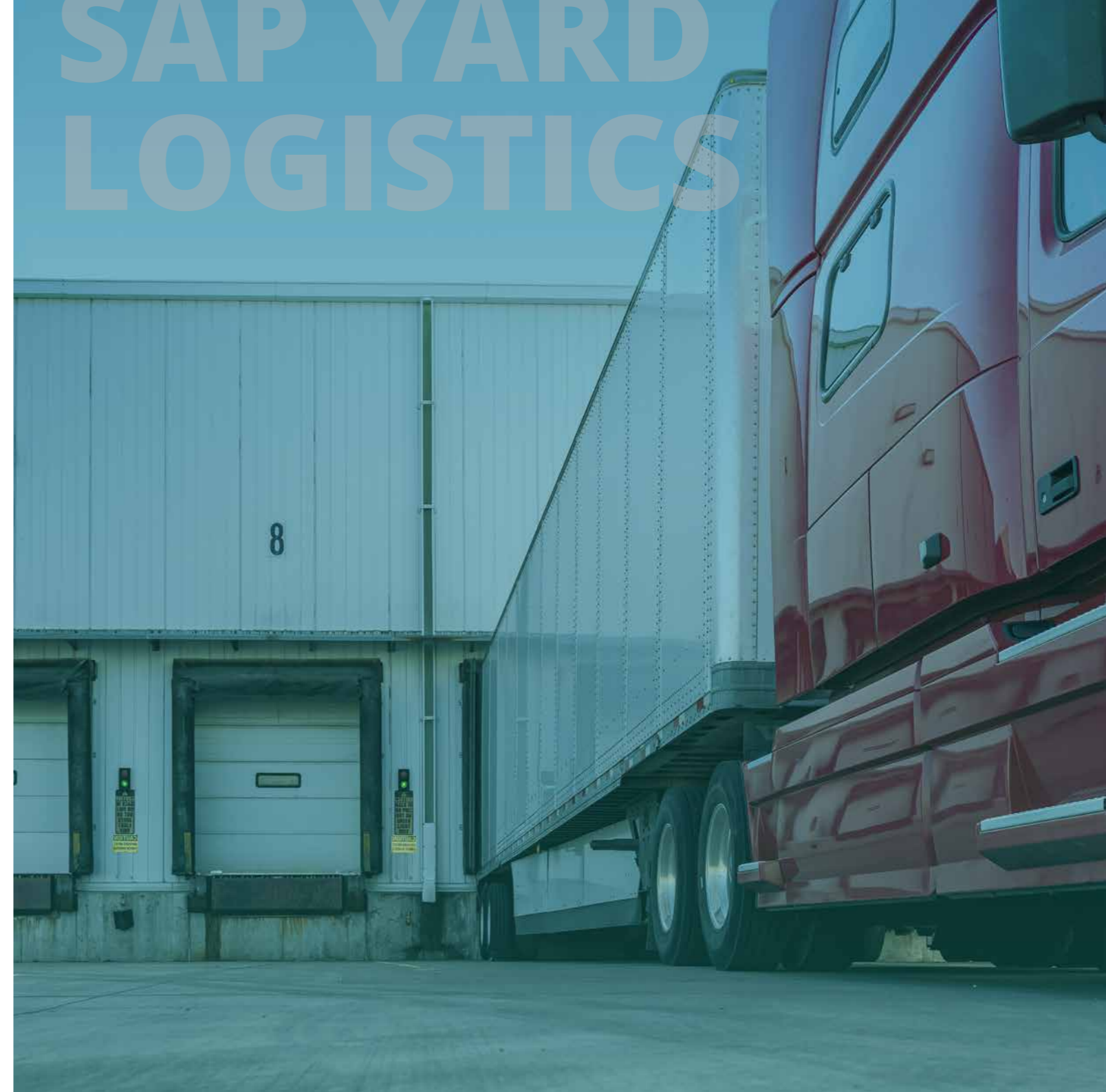


### Integration capabilities and monitoring

Comprehensive graphical monitoring, automated capture and analysis of high-quality data

SAP Yard Logistics offers options for integration with the SAP ERP, SAP TM, SAP EWM and SAP Business Network applications to ensure **optimal adaptation to your system landscape**. The open infrastructure based on the SAP Business Technology Platform furthermore enables the **integration of technologies** such as scales, IoT sensors, RFID and GPS, as well as existing legacy systems.

**Achieve smooth and efficient yard processing with SAP YL!**





# ORBIS LOGISTICS

## Straightforward implementation, minimal interfaces and dynamic process flows

ORBIS offers its own **intralogistics add-ons**, which are fully integrated into SAP S/4HANA, to complement the consulting expertise of existing SAP solutions.

Our solutions integrate seamlessly with your existing SAP system without requiring your company's entire way of working to adapt to new software. Therefore, you do **not need any additional software** for such things as connecting individual machines or systems to SAP.

### Overview of solutions

#### ORBIS Logistik Apps

Everything for **mobile data collection in the warehouse**: ORBIS Logistics Apps are mobile applications designed to map your logistics processes and integrate seamlessly with your SAP EWM or Stock Room Management solution. Thanks to these practical applications, analog process execution is a thing of the past – enabling you to implement **paper-free intralogistics!**

#### ORBIS Packaging Cockpit

The **ORBIS Packaging Cockpit** is the solution for optimizing your packaging and shipping processes. In the future, you can achieve a high level of transparency, speed and user-friendly operation with our solution!

#### ORBIS TSS

The **ORBIS Transport Control System** (ORBIS TSS) allows you to map all internal transport processes and to extend the functionalities of your respective SAP solution according to your needs. For example, existing SAP functionalities are extended by dynamic milk runs, optimized task allocation or the possibility of layout-oriented warehouse process control.

#### ORBIS Automatic Warehouse

**ORBIS Automatic Warehouse** applications are specialized for the needs of workstations of automatic systems. Process handling at I and K points for automated small parts warehouses (AS/RS), lifts, shuttle systems and also pallet warehouses require special processes, which are all catered for.



# SAP DIGITAL MANUFACTURING

## SAP Digital Manufacturing – the MES in the cloud

SAP Digital Manufacturing is a cloud-based, data-driven manufacturing solution that enables all parties to manage and produce high-quality products with **best-in-class manufacturing visibility** and **flawless operations**.

The MES system creates end-to-end transparency across sites and globally for systems, selected workstations or individual machines.

### Manufacturing Execution

- Scanner support
- OEE & resource utilization
- Flexible process modeling
- Visualizations

### Manufacturing Insights

- Visualization of key figures
- Interactive dashboards & filtering options using the Dashboard Designer



**End-to-end transparency** through detailed planning of operational processes



**Scalability** with rapid adaptation to changing customer demands and market requirements

Put your trust in SAP Digital Manufacturing:  
**SAP DM provides you with improved visibility throughout your operation and creates improved efficiency and accuracy in your production.**









## Maximum service experience with SAP FSM

Mobile tools and features provide a seamless service experience for your service technicians and customers! To ensure that field service is **successful, smart, mobile and consistent**, we specialize in integrating the Field Service Management solution into the entire service process chain, i.e. end-to-end. In this respect, we understand both the process level and the implementation and integration of systems based on SAP solutions.

### The benefits at a glance:

-  Automated posting of planning and feedback from the technician for use in SAP ERP / S/4HANA
-  Optimal resource planning and assistance through guided checklists lead to increased field service efficiency
-  Early problem detection through individual analyses & reports
-  Provision of real-time performance metrics

ORBIS offers you an easy way to get started! Get started in a fast and lean track to a comprehensive Field Service Management solution at a fixed price with our **#Experience FieldService Starter Package**.

**Whoever serves a service inquiry: With SAP FSM all the customer data is immediately available, you always have the right answer.**

## Why **DSC** by **ORBIS**?

We offer **SAP process consulting**, **SAP implementation** and **SAP managed** services from a single source.

We assist you along the entire **digital supply chain end-to-end process** by providing solutions for **planning**, **logistics**, **production** and **service**.

Long-standing expertise and numerous reference projects qualify us as **manufacturing experts** & **industry experts** – from shop floor to top floor with ORBIS.



## Joint digital supply chain successes

**HYDAC**

**SCHOTT**  
glass made of ideas

**NETZSCH**

**HARTMANN**  
+

**MAGNA**

**warema**

**HÖRMANN**

**hagergroup**

We look forward to hearing from you.

*ORBIS*



# empower supply chains

Feel free to contact us!

## **ORBIS SE**

Nell-Breuning-Allee 3-5  
D-66115 Saarbrücken

Phone: +49 (0) 681 / 99 24-0  
Email: [info@orbis.de](mailto:info@orbis.de)