



EMPOWER  
SUPPLY CHAINS

Three white-outlined diamond shapes are arranged vertically on the left side of the page, partially overlapping the main text.

**SUPPLY  
CHAIN  
MANAGEMENT  
BY ORBIS**

The main title is rendered in large, bold, blue-outlined letters. Each letter is filled with a different image related to supply chain management, such as modern buildings, industrial interiors, and data network visualizations.



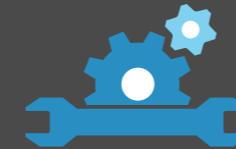
SCM  
BY  
ORBIS

## ORBIS IS YOUR PARTNER FOR THE DIGITALIZATION OF YOUR SUPPLY CHAIN

As a digitalization expert in manufacturing, our heart beats for the digital supply chain. Here we rely on the powerful SAP portfolio, which we enhance with our own solutions and add-ons:

From the core with **RISE with SAP** and **GROW with SAP** to **SAP IBP** as a planning solution, we optimize your production processes with **SAP DM** or **ORBIS MES**. In the SAP logistics environment, we advise you on topics such as **SAP EWM** and **SAP TM**, **SAP Yard Logistics** & **SAP Business Network for Logistics** as well as our own ORBIS solutions for the digitalization of your intralogistics. We round off our portfolio with SAP **Field Service Management** for an optimal service experience.

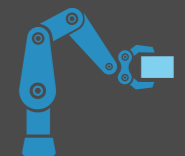
ORBIS supports you with **concentrated supply chain power!**



ORBIS offers SAP process consulting and our own ORBIS solutions integrated into SAP



Worldwide on 3 continents and active in 7 countries



> 35 years of experience in the manufacturing industry



# RAISE 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 scheduling, purchasing and detailed production planning with a solid planning basis.

## THE ADVANTAGES AT A GLANCE:

- Simulation of planning along the entire supply chain
- Demand forecasts with AI-supported algorithms and machine learning-based forecasting processes
- End-to-end supply chain planning across plant and system boundaries in terms of quantities and values, in every granularity and dimension
- Modern planning frontends in Excel & a web-based planning interface (Planner Workspace)
- Versatile planning functions and modern analysis and reporting functions in ONE tool

ORBIS offers **process consulting** and **implementation** from a single source. You can also benefit from a free **evaluation system** for carrying out 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 be able to respond flexibly to changes and still keep the overall plan consistent and feasible. Say goodbye to non-transparent and unrealistic deadlines in manufacturing. Use **SAP MP&S** (Manufacturing for Planning and Scheduling – formerly PP/DS or extended planning in SAP S/4HANA) to create a **finite production plan** across all BOM levels with little effort and optimize the use of your bottleneck resources!

## THE ADVANTAGES AT A GLANCE:

- **Realistic production planning with reasonable effort** through a joint consideration of capacities and material availability. The use of resources and the optimal utilization of machines and systems are optimized.
- **Reduced throughput times & increased adherence to delivery dates** through automated change planning of resource allocation and order deadlines. Several solution scenarios can be run through with extensive simulation options.

# SAP MP&S

Use SAP MP&S and benefit from automated, feasible and clean-cut detailed production planning!





# OPTIMIZATION AND AUTOMATION OF YOUR TRANSPORT PROCESSES WITH SAP TM

The transportation industry is faced with unprecedented complexity as customers' efficiency requirements continue to increase. As a result, the demands for accuracy, speed and flexibility in transportation are higher than ever before.

Control physical transportation activities with **SAP Transportation Management (TM)** while managing freight costs and gaining end-to-end visibility of your transportation flows to improve **service quality** and make **real-time decisions!**

## YOUR ADVANTAGES WITH SAP TRANSPORTATION MANAGEMENT:

- **Higher productivity**  
through automated processes, electronic collaboration and fewer redundancies
- **End-to-end transparency in transportation**  
and improved service levels thanks to electronic track & trace functions and a cross-system document flow
- **Improved cash flows**  
through precise cost calculations and invoicing

Support your entire order lifecycle with SAP TM and take advantage of the ability to manage capacities and plan, consolidate and optimize all transports – inbound and outbound, domestic and international – taking into account real-world conditions and costs.



# SAP TM



# SAP BUSINESS NETWORK FOR LOGISTICS

## IMPROVED COLLABORATION AND TRANSPARENCY BETWEEN ALL LOGIS- TICS PARTNERS WITH SAP BUSINESS NETWORK FOR LOGISTICS

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

It also helps manage exceptions and **boosts productivity** through easier collaboration in the supply chain, based on **real-time data** and **predictive intelligence**.

- **Lower logistics costs**  
through digital collaboration with a global network of freight forwarders and service providers
- **Faster responses**  
Information on supply chain risk factors and faster response to disruptions through integration with order fulfillment processes
- **Improved security**  
and sustainability through traceability of materials and product information

Use **SAP Business Network for Logistics** to boost the agility and resilience of your supply chain.

Implement complete transparency and operational efficiency  
within your company!





# GET THE BEST OUT OF YOUR WAREHOUSE MANAGEMENT WITH SAP EWM

The rapid development of technologies and business models presents both manufacturing companies and logistics service providers with 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 **transparency**, maximizes order fulfillment **efficiency** and **improves customer service**.

## OPTIMIZE WAREHOUSE AND DISTRIBUTION PROCESSES WITH END-TO-END LOGISTICS PROCESSES:

- Reduction of storage costs
- Improvement of customer service
- Increase in productivity
- Improved organization & monitoring

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

Use SAP Extended Warehouse Management as a future-proof solution and identify new potential on the process side today.





# ORBIS LOGISTICS



## SIMPLE IMPLEMENTATION, MINIMAL INTERFACES AND DYNAMIC PROCESS FLOWS

To complement the consulting expertise of existing SAP solutions, ORBIS offers its own **intra-logistics add-ons** that are fully integrated into SAP S/4HANA.

Our solutions integrate seamlessly into your existing SAP system without your company's entire way of working having to adapt to new software. You therefore **do not need any additional software** to connect individual machines or systems to SAP, for example.

### OVERVIEW OF THE SOLUTIONS:

- **ORBIS Logistics Apps**  
Everything for **mobile data collection in the warehouse**: ORBIS logistics apps are mobile apps for mapping your logistics processes, which integrate seamlessly into your SAP EWM or stock room management solution. Thanks to the practical apps, analogue process handling can be dispensed with - allowing you to implement paperless intralogistics!
- **ORBIS TSS**  
The **ORBIS transport control system** (ORBIS TSS) offers you the option of mapping all internal transport processes and expanding the functionalities of your respective SAP solution as required. The existing SAP functionalities are extended, for example, by dynamic milk runs, optimized task assignment or the option of layout-oriented warehouse process control.
- **ORBIS Packaging Cockpit**  
The **ORBIS Packaging Cockpit** is the solution for optimizing your packaging and shipping processes. Implement high transparency, speed and user-friendly operation in the future with our solution!
- **ORBIS Automatic Warehouse**  
The **ORBIS Automatic Warehouse** applications are specialized in the needs of workstations in automated systems. Process handling at identification and pick points for automated small parts warehouses (ASPW), lifts, shuttle systems and pallet warehouses requires special processes, which are taken into account here.





# OPTIMIZATION AND DIGITALIZATION OF YARD AND FACTORY LOGISTICS PROCESSES WITH SAP YARD LOGISTICS


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

## THE FUNCTIONALITIES AT A GLANCE:

- **Order and deadline planning & check-in**  
Planning of inbound and outbound transports, more efficient management of gate-in and gate-out processes & better use of resources
- **Yard processing and management**  
Improving the speed of deliveries, improving customer service, speeding up order fulfillment
- **Integration options and monitoring**  
Comprehensive graphical monitoring, automated collection and analysis of high-quality data

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

Achieve smooth and efficient yard processing with SAP YL!



# SAP DIGITAL MANU- FACTURING

## REAL-TIME TRANSPARENCY & INTELLIGENT AUTOMATION IN MANUFACTURING WITH SAP DIGITAL MANUFACTURING

SAP Digital Manufacturing is a cloud-based, data-driven manufacturing solution that enables all stakeholders to manage and produce high-quality products with **world-class manufacturing transparency** and **error-free operations**.

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

### Manufacturing Execution

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

### Manufacturing Insights

- Visualization of key figures
- Interactive dashboards & filter options with the Dashboard Designer

### YOUR BENEFITS WITH SAP DIGITAL MANUFACTURING:

- **End-to-end transparency**  
through detailed planning of operational processes
- **Scalability**  
with rapid adaptation to changing customer and market requirements

Count on SAP Digital Manufacturing:  
SAP DM offers you improved visibility across your entire operation and creates improved efficiency and accuracy in your production processes .





# HOLISTIC DIGITALIZATION OF YOUR PRODUCTION PROCESSES WITH ORBIS MES

**Maximum efficiency and transparency in your production:** ORBIS MES helps you to make your entire production more efficient. It connects production directly with your IT systems and makes all important production data available in real time. This gives you transparency, improves your processes and optimizes your use of resources.

## ORBIS MES AT A GLANCE:

- **Seamless integration in SAP S/4HANA**  
ORBIS MES is fully integrated into your SAP system & all SAP modules: This means that production and company processes can be seamlessly connected - including logistics, maintenance and QM.
- **Automated data collection & paperless production**  
By digitally recording operating and machine data, ORBIS MES reduces manual input and minimizes errors - all important information flows directly into your SAP system. Rule-based production processes can be automated and integrated into a digital smart factory.
- **Incident and escalation management**  
By integrating fault management into the SAP quality and maintenance processes, faults can be efficiently recorded, analyzed and rectified. In exceptional cases, information is sent in real time with the help of escalation management.
- **Comprehensive monitoring, reporting & visualization**  
Well-founded decisions with precise real-time evaluations: With ORBIS MES, we provide you with all relevant key figures on quality, productivity and rejects.

Control your production efficiently with ORBIS MES, avoid errors and make optimum use of your resources - for future-proof production!





# CREATE INTEROPERABILITY ON THE SHOPFLOOR WITH ORBIS DISTRIBUTED SHOPFLOOR PROCESSING (DSP)

The digitalization of production and logistics requires **seamless networking of all systems and processes**. **Interoperability** plays a central role here: ORBIS DSP enables you to achieve interoperability by acting as an interface between different systems and establishing smooth, automated communication between machines, plants and IT systems. This allows specialized systems to work together optimally without the need for complex adjustments.

## ORBIS DSP AT A GLANCE:

- **Seamless networking of production and logistics**  
With ORBIS DSP, you enable smooth, automated communication between machines, plants and IT systems - regardless of manufacturer and platform.
- **Interoperability through open system architecture**  
ORBIS DSP ensures flexible, system-independent integration and optimizes data exchange between ERP, MES and IIoT platforms.
- **Decentralized process choreography for greater efficiency**  
Independent, networked systems enable fast data processing and better response times on the shopfloor.
- **AI-supported analysis & big data optimization**  
Use data-driven decisions to continuously improve your production and logistics processes.

Increase your efficiency, reduce error rates and create future-proof, networked production and logistics with ORBIS DSP!





# MAXIMUM SERVICE EXPERIENCE WITH SAP FSM

Mobile tools and functions offer your service technicians and customers an effortless service experience! To ensure that field service operates **successfully, intelligently, mobile and consistently**, we specialize in integrating the Field Service Management solution into the entire service process chain, i.e. end-to-end. We understand both the process level and the implementation and integration of systems based on SAP solutions in this regard.

## THE ADVANTAGES AT A GLANCE:

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

ORBIS offers you a simple start! Get started quickly and easily with our **#ExperienceFieldService starter package** for a comprehensive field service management solution at a fixed price.

No matter who is handling a service request: with SAP FSM, all customer data is available immediately, you always have the right answer.



# SAP FSM

# EMPOWER SUPPLY CHAINS BY ORBIS

- We accompany you along the entire **supply chain end-to-end process** and offer **SAP process consulting, SAP implementation** and **SAP managed services** from a single source
- We support you with **tailor-made add-ons** to digitalize your shopfloor, such as ORBIS DSP for implementing interoperability in production and logistics.
- Years of expertise and numerous reference projects qualify us as **manufacturing experts & industry insiders** – from shop-floor to topfloor with ORBIS.
- We are **highly qualified** when it comes to SAP consulting – This is underlined by our current status in the **SAP Competency Framework**, which evaluates customer results and partner competencies.

## COLLABORATIVE SUPPLY CHAIN MANAGEMENT SUCCESSES

**HYDAC**

hagergroup

**NETZSCH**

**MAGNA**

**warema**

**HARTMANN**  
+

**HÖRMANN**

**SCHOTT**  
glass made of ideas

**STABILUS**



# SUPPLY CHAIN MANAGEMENT BY ORBIS

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