



PLATBRICKS®

SMART LOGISTICS
UNLIMITED

Our Modular System
for Your Logistics Processes

www.platbricks.com

The Core Functions of platbricks®

The cloud-based control center supports the central functions, such as:

- *User Administration and Role Concept*
 - *Master Data Management*
 - *Real-Time Process and Status Monitoring*
 - *Central Order Management*
 - *Resource Management*
 - *Configuration of Individual Processes*
 - *Queue Management*
 - *Overview of Standard Key Figures and Additional Analyses*

Why Is platbricks® Special?



Real-Time Capability



Modular Structure



Standard Interfaces



*Quick Implementation
(Plug & Play)*



*Native Cloud -
Lean IT Architecture*



Scalable



*Extensive
App Store for
Mobile Dialogs*



*Innovative
Automation*



*Intuitive
Operation*



*Flexible &
Customizable*



*Digital Networking of
Supply Chain Partners*



*Open Partner Network
for Add-on Solutions*



*Integration of
Smart Wearables
and IoT Sensors*



Pay-per-Use



Award-winning

“ Compared to other IT service providers, Arvato Systems has IT service providers, Arvato Systems has the advantage that they have a very flexible system, which goes beyond the standard.”

André Kück,
Head of Logistics BB-Verpackungen GmbH

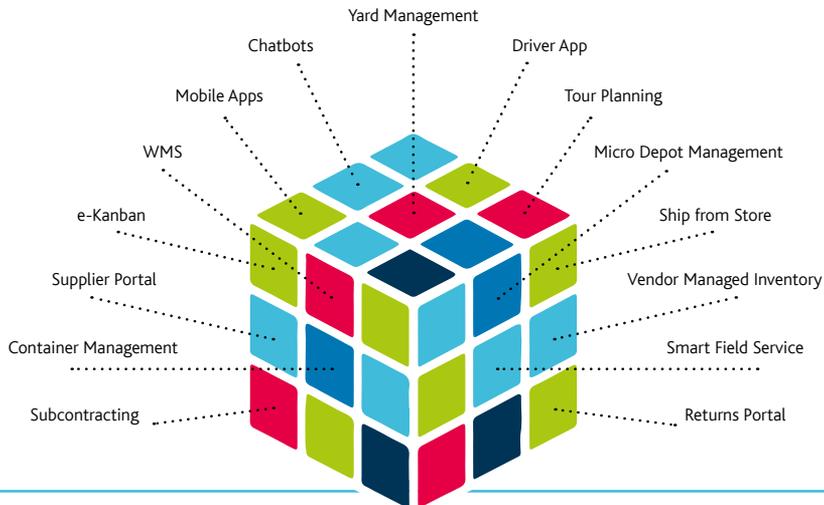


More about the case study in the video

Build Your Own Logistics – The platbricks®-DNA

The platbricks® “construction kit” consists of more than 500 features and functions that can be freely combined with each other in a wide variety of use cases. This results in numerous possible use cases and business models along the supply chain, which can range from the digitalization of an incoming goods process to the use of a complete warehouse management system.

platbricks® is a platform with standard interfaces to ERP/WMS systems, a control center with real-time capability, expandable process logic and configuration options, easy-to-use apps with state-of-the-art user interfaces and 100% software-as-a-service billing.



platbricks® Warehouse Management

The platbricks® WMS covers all processes from goods receipt, storage and picking through to goods issue. Inventory processes can also be started intuitively via the control station and carried out easily and digitally using the mobile apps. The system's standard modules also offer the option of adapting them individually to your needs and processes. The automation of warehouse processes can also be mapped here. The system also has components for connecting forklift control systems. The integrated material flow computer allows you to communicate directly with programmable logic controllers.



platbricks® Warehouse Robotics

platbricks® Warehouse Robotics enables automated and scalable warehouse logistics.

Autonomous mobile robots take over transportation and picking tasks, speeding up processes and reducing manual effort. A precise ROI and demand calculation allows the economic benefits to be evaluated, while the provision of robots by leading hardware partners can be seamlessly integrated into existing structures. Optimized picking strategies and efficient order management ensure increased productivity. The connection to ERP interfaces enables end-to-end data processing.



platbricks® Mobile Solutions

With platbricks® mobile solutions, you can control your warehouse processes efficiently and flexibly - anywhere and in real time. The platbricks® mobile app enables intuitive operation and ensures seamless control station integration, while modern technologies such as Hands-Free Picking and Pick-by-X significantly speed up order picking.

The use of smart wearables makes manual tasks easier and reduces errors. End-to-end process optimization helps to make warehouse processes more transparent and efficient.



platbricks® Generative AI

platbricks® Generative AI enables you to leverage the full potential of your logistics processes. With “Chat with your Data”, you can access the platbricks® database and flexibly query and visualize desired key figures or further analyses via chat input. The saved favorites can then be arranged as desired in individual dashboards with the “Build your own Dashboard” and used for continuous warehouse analysis. Other use cases include dynamic warehouse visualization and the intelligent reading of documents.



platbricks® Production Supply

The platbricks® Production Supply module offers comprehensive functions for managing production supply, including container status tracking, replenishment handling and empties management. Replenishment can be initiated via physical or virtual dashbuttons, replenishment rules, scales or smartphone apps. The e-Kanban system enables consumption-oriented replenishment at container level and supports BOM explosion for demand-oriented material provision for production orders. Picking and replenishment are optimized using pick-by-light technology.



platbricks® Container Management

In platbricks® container management, container accounts and stocks are seamlessly recorded, updated in real time after each handling process and provided transparently to all partners. The solution supports the planning of container requirements and enables precise forecasting for future requirements. Connecting suppliers ensures the seamless integration of external partners into the container cycle, which facilitates the automated exchange of container information, improves traceability and makes coordination between companies and suppliers more efficient.



platbricks® Yard Management

platbricks® Yard Management enables precise monitoring and control of your premises. With coordinated and standardized time slot and yard management, vehicles can be called up as required, thus avoiding cost-intensive waiting times and demurrage charges. With the time slot booking tool, ramps can be reserved in advance and goods can be loaded or unloaded immediately after registration of the arriving truck. This considerably reduces the time trucks spend on the factory premises and the waiting times.



platbricks® Smart Field Service

The platbricks® Smart Field Service module offers a combination of control and monitoring via the control station, which can be connected to your systems via an interface and provides individual apps for mobile devices “in the field”. You can fully record and control all goods movements in small, decentralized storage areas and thus achieve end-to-end inventory management. All processes are systemically integrated and digitalized throughout. The integration of all persons involved in the process ensures transparency, control and thus the avoidance of errors.



About Arvato Systems

Arvato Systems is an international IT specialist that supports major companies in Digital Transformation. We stand for strong industry knowledge, in-depth technology expertise and a clear focus on customer requirements. Working as a team, we develop innovative IT solutions, transition our clients into the Cloud, integrate digital processes, and take on IT systems operation and support. As part of Bertelsmann, we are built on the solid foundations of a German global corporation. At the same time, we rely on our strong

strategic partner network with top international players such as AWS, Google, Microsoft and SAP. We make the digital world easier, more efficient and more secure and our customers more successful. We Empower Digital Leaders.

arvato-systems.com



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