platbricks
Arvato Smart Logistics Platform
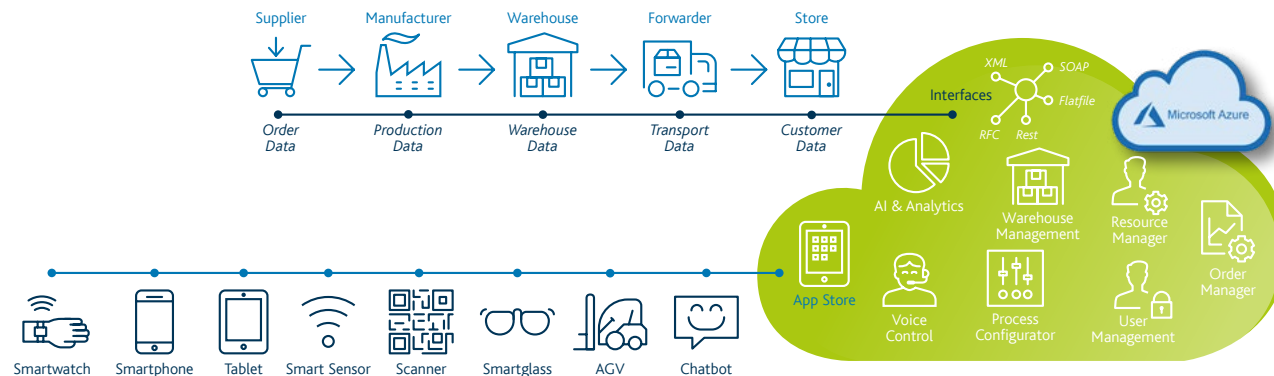
ARVATO SYSTEMS

platbricks - The Arvato Smart Logistics Platform

Networking, digitalization, and efficiency in logistics processes

It's not easy to digitalize business processes from start to finish, avoid stand-alone solutions, and prevent complexity all while staying within budget. What do you need to get rid of the "not" in that sentence? A platform with standard interfaces to ERP/WMS systems, a control center with real-time capability, expandable process logistics and configuration options, incredibly simple-to-use apps with state-of-the-art user interfaces, and fully billed as software-as-a-service.

There are still numerous digitalization gaps and paper-based processes in logistics. A few examples of where there is potential for change include the desktop computers in goods receipt, a lack of storage space management in production, and paper-based picking and replenishment processes. Arvato Systems has developed just the thing to meet all these requirements: platbricks - The Arvato Smart Logistics Platform. This is a digital, modular system that can be used to orchestrate departmental and companywide logistics processes, as well as to execute these processes in a mobile way via smart wearables.

platbricks architecture

platbricks

Arvato Smart Logistics Platform

CORE FUNCTIONS

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

- User management and role concept
- Real-time process and status monitoring
- Centralized order management
- Resource management
- Graphic process configurator
- Queue management

A range of logistics processes are supported and can be combined in:

- Procurement logistics
- Production logistics
- Warehouse logistics
- Transport logistics
- Replacement parts logistics
- Pharmaceutical logistics
- Container management
- Micro hub management
- Track & trace

Handles different supply chain structures, including specific requirements:

- Producers and manufacturers
- Wholesale and retail
- Logistics service providers
- Trucking companies
- Carriers
- Omni-channel

1. Simple integration via standard interfaces

platbricks integrates your online shop or the ERP, inventory management, or order management system you use to manage orders via the standard interfaces included in the platform. You can also easily integrate your proprietary system, thanks to the platform's open interface concept.

⟶ Digital networking of business processes

2. Always know what's going on thanks to real-time monitoring

Within the intelligent control center, you can monitor and control all integrated operational processes with the help of the KPI monitor in real time. Meanwhile, the process configurator also offers a catalog of preconfigured settings options that you can use to customize processes.

⟶ Process transparency in real time

3. Fast response through intuitive operation

One of the configurator's core features is the option to select among various intuitive verification methods, such as swiping motions, pattern, color, or letter codes, check digits, scanning, or touch-free methods using NFC.

You can use the administration interface to connect devices and locations with a click of the mouse; this way, you can roll out the solution at all of your national or international sites. The cloud-based software allows new sites to be rapidly connected within your country or abroad.

⟶ Streamlined architectures

platbricks wins the Digital Leader Award

platbricks impressed the seven-person jury consisting of economists, scientists, and media representatives with these innovative approaches. It won the 2018 edition of the coveted award for closing digitalization gaps in the supply chain in the Create Impact category, which honors holistic digitalization projects aimed at transforming organizational structures and processes.

platbricks
Arvato Smart Logistics Platform

Our platform for the future

platbricks includes a comprehensive app store that is constantly being further developed. The apps on offer within the store allow many logistical processes along the supply chain to be digitalized and efficiently executed for the mobile world. Modern technology and the consistent use of standards ensure that your structures and processes have the flexibility they need. The openness of the system allows devices to be connected in the future.

Moreover, it is easy to implement these processes in other sectors, such as retail, healthcare (hospitals, healthcare service providers etc.), municipal services, the energy industry, and so on.

You can find these apps in our platbricks logistics app store:

Goods receipt	Production Supply	Replenishment	Loading	Inventory
Inbound Delivery	Put Away	Outbound Delivery	Single Order Picking	Multi Order Picking
Packaging	Dispatch	Store Processes	Omni-Channel	Quality Management
Yard Management	Spare Parts Supply	Malfunction Management	Time Registration	Tracking
eSignature				

BENEFITS

platbricks closes digitalization gaps. Both in-house and company-wide processes can be networked and digitalized, meaning that they can be designed more efficiently.

– Digital networking of in-house and company-wide business processes

– Multiple innovative picking methods

– Process transparency in real time

– Streamlined IT architectures

– Highly scalable

– Short implementation time

– Low maintenance costs

– Comprehensive app store enables on-the-go process management

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.

We provide

– Comprehensive IT solutions for retail and media industries as well as for utility companies and the healthcare sector.
– Long-term experience in Digital Transformation
– Competence in the key areas of Cloud Computing, CRM, E-Commerce, Marketing- and Mobility
– Know-how in robust technologies, including Microsoft and SAP
– A broad spectrum of infrastructure Services, including Managed Services, and an according Application Management

As 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.

You have questions, need information or a contact? Get in touch with us.

Arvato Systems | **Bernd Jaschinski-Schürmann** | Head of Supply Chain Consulting
An der Autobahn 200 | 33333 Gütersloh
Tel.: +49 5241 80-70770 | E-Mail: platbricks@arvato-systems.de
arvato-systems.com/platbricks