

Intelligent inventory management

SMART REORDERING SYSTEM

The Smart Reordering System lets you digitally monitor your material flow. It eliminates all the disadvantages of manual stock management, like high levels of buffer stock, unnecessary inventory costs, and wasted space.

Simple, cost-effective and flexible in setup

- Battery powered wireless sensor
- Simple installation and setup via cloud-based software
- Gateway with SIM card (ideal for pilot installations)
- Cloud application requires no additional software

Reduce manual effort

- Automatic monitoring of the levels using an optical sensor
- Direct demand notification when critical inventory levels are not reached in the cloud application

Ensure availability

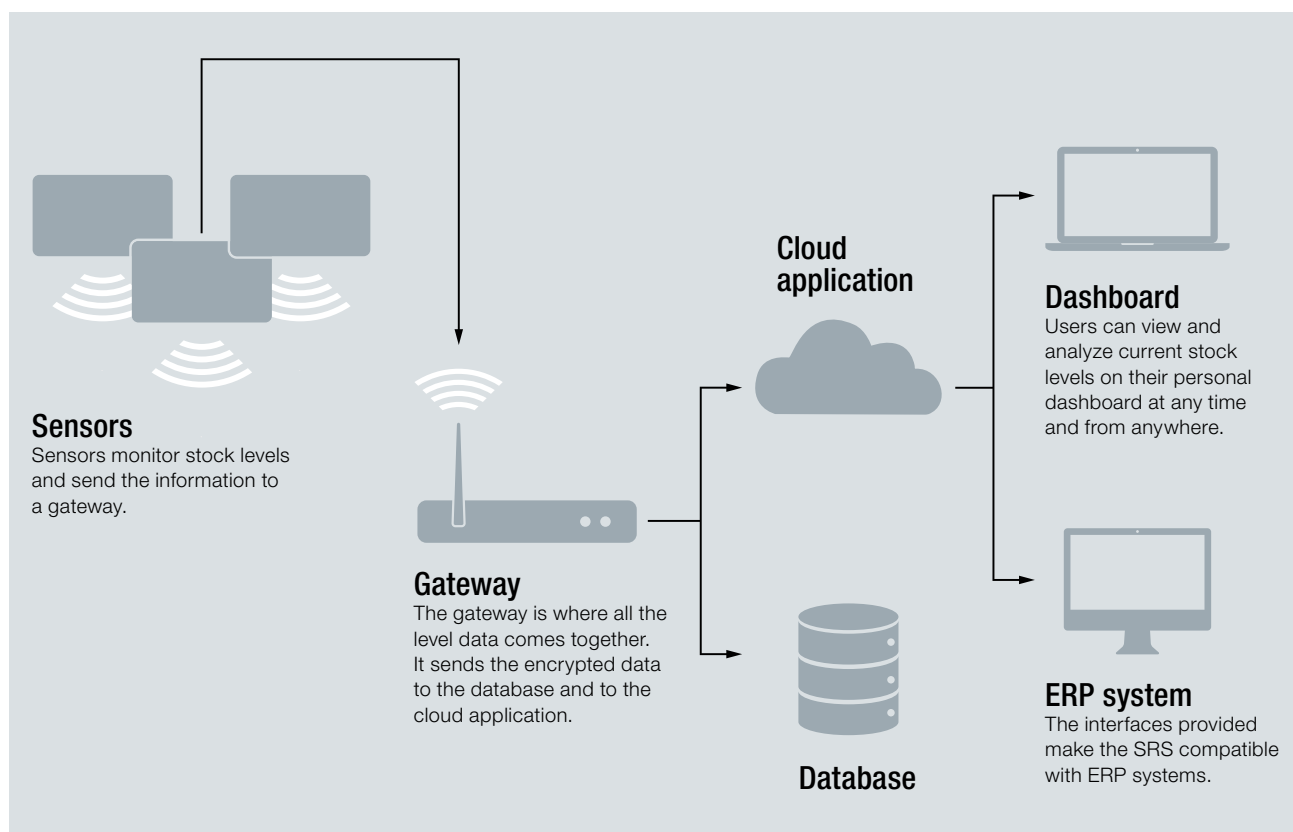
- Continuous and automatic monitoring of material levels
- Timely notification prevents bottlenecks

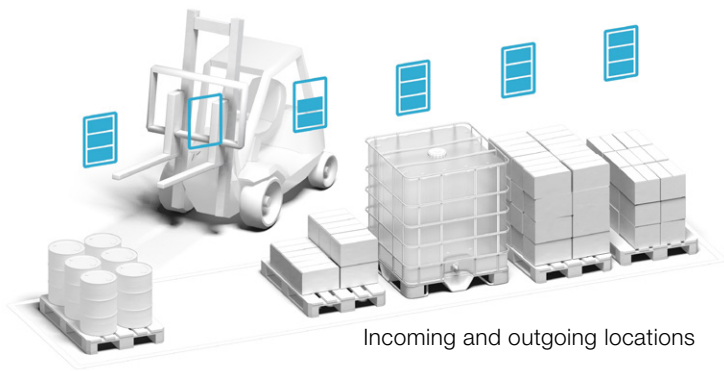
Optimize stock levels and reordering processes

- Analysis functions enable stock level reduction
- Timely notification reduces safety stocks
- Requirement notifications enable optimized provisioning cycles

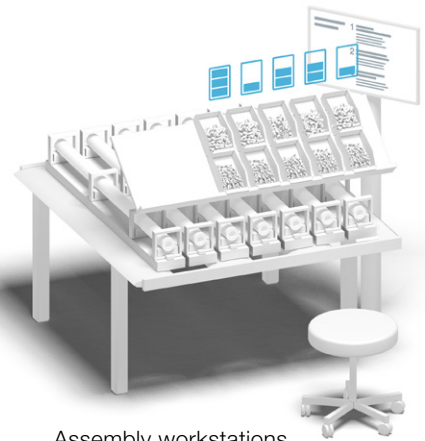
Automate ordering processes

- Can be linked to ERP and material management systems via APIs
- Connection of external suppliers via mail or direct access possible

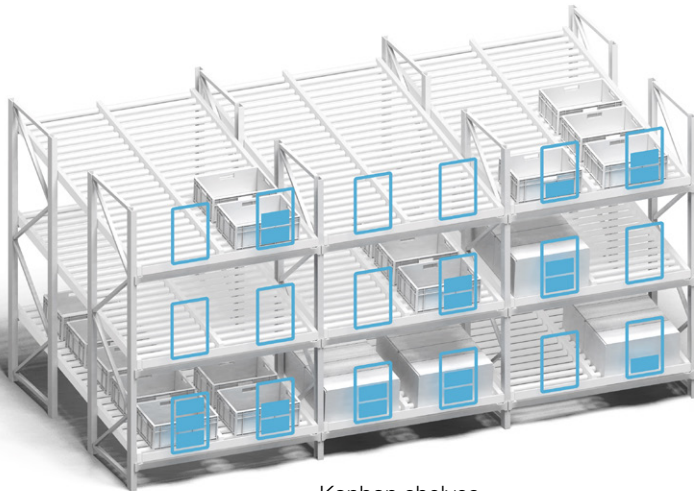




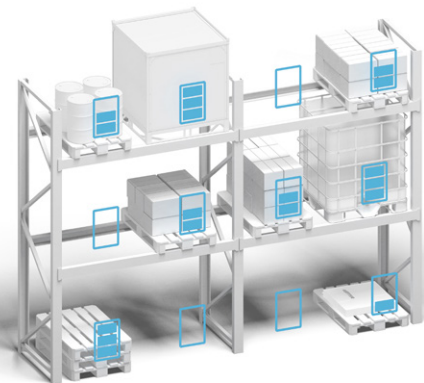
Incoming and outgoing locations



Assembly workstations



Kanban shelves



Pallet storage areas

Whether at drop-off or pick-up zones, assembly stations, kanban shelves or pallet storage areas, the Smart Reordering System reliably monitors your stock levels and lets you know in a timely manner when replenishment is needed.

COMPONENTS



ORDER EXAMPLE	BAV MA-OD-00027-01	FRHW 11042150	BAI SRS-S12S-S2N-____-3SZ-ZZZZ
Components	Wireless sensors	Gateway	Smart Reordering Cloud application
Description	<ul style="list-style-type: none"> ■ Battery powered with minimum 2 years run time ■ Simple to install on many different surfaces ■ LoRaWan communication for long ranges ■ Optical time-of-flight sensor ■ Range 40 mm...4000 mm 	<ul style="list-style-type: none"> ■ LoRaWan receiver ■ Connection via socket ■ Connects via Ethernet or mobile data connection ■ Up to 300 sensors per gateway 	<ul style="list-style-type: none"> ■ Browser-based application (no additional software needed) ■ Secure data connection to the gateway ■ Material Dashboard ■ Various interfaces to ERP and material management systems

Flexible attachment, operation and procurement.

BAI SRS-S12S-S2N-____-3SZ-ZZZZ

Max. amount of sensors _____

For more information visit:
[Smart Reordering System](#)