



4process | Digital Labels



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Product overview

Added value

Functional description

Mapping in the system

Optimize your processes by digitizing your supply chain.

Manufacturing support

Use the connection between your SAP ERP (ECC and S/4HANA) system and digital labels to stay informed about the current processing status and progress of your production at any time during your manufacturing process.

Traceability and labeling in your supply chain

Always keep the labeling of your containers or workpieces up to date. Even without technical aids, you can display information such as contents, destination, or handling instructions.

Labeling of storage locations

Equip your storage locations with dynamic information. For example, display which materials are stored in each location or highlight specific details.

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Production support



Real-time container management



Marking of storage locations



Your advantages at a glance

- Future-proof for SAP S/4HANA On-Premise & Cloud
- Quick integration into standard processes
- Fast and dynamic label integration
- Flexible integration into individual processes
- Process security through feedback on defective labels directly to your ERP system

INTEGRATION

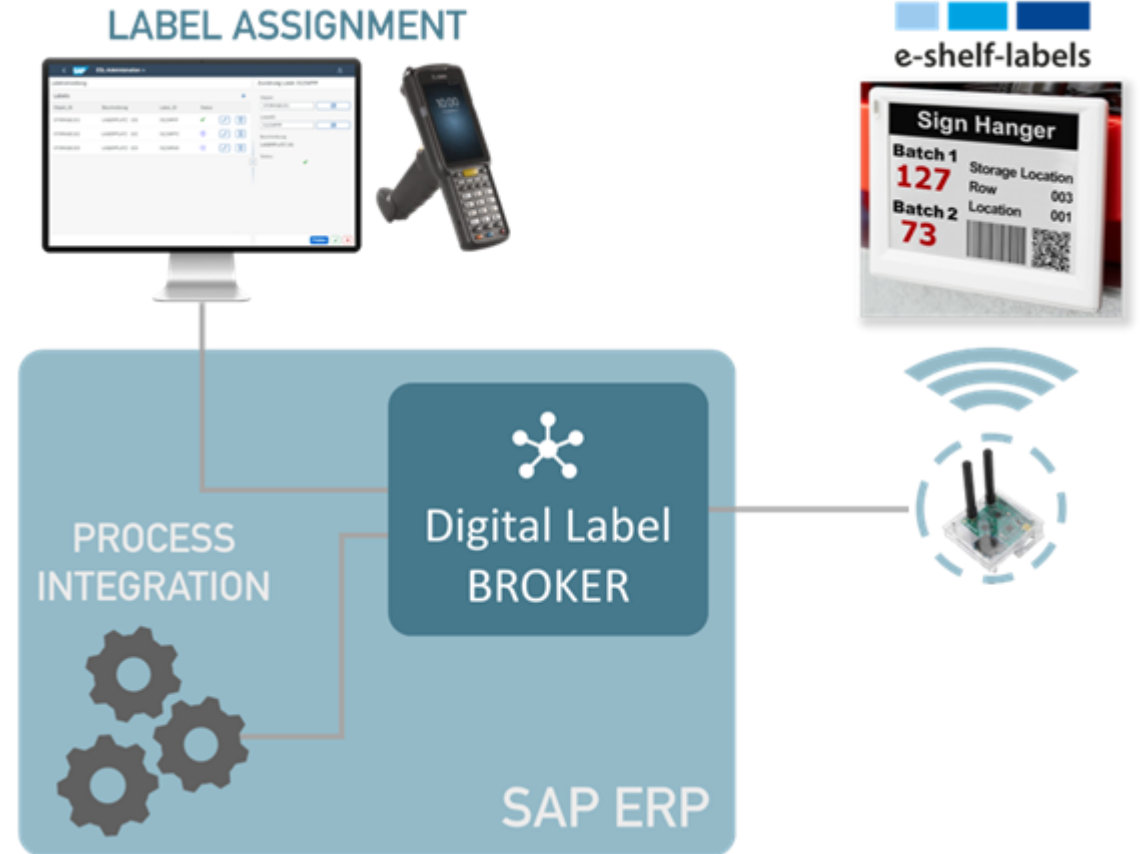
SUSTAINABILITY

IMPLEMENTATION

PERFORMANCE

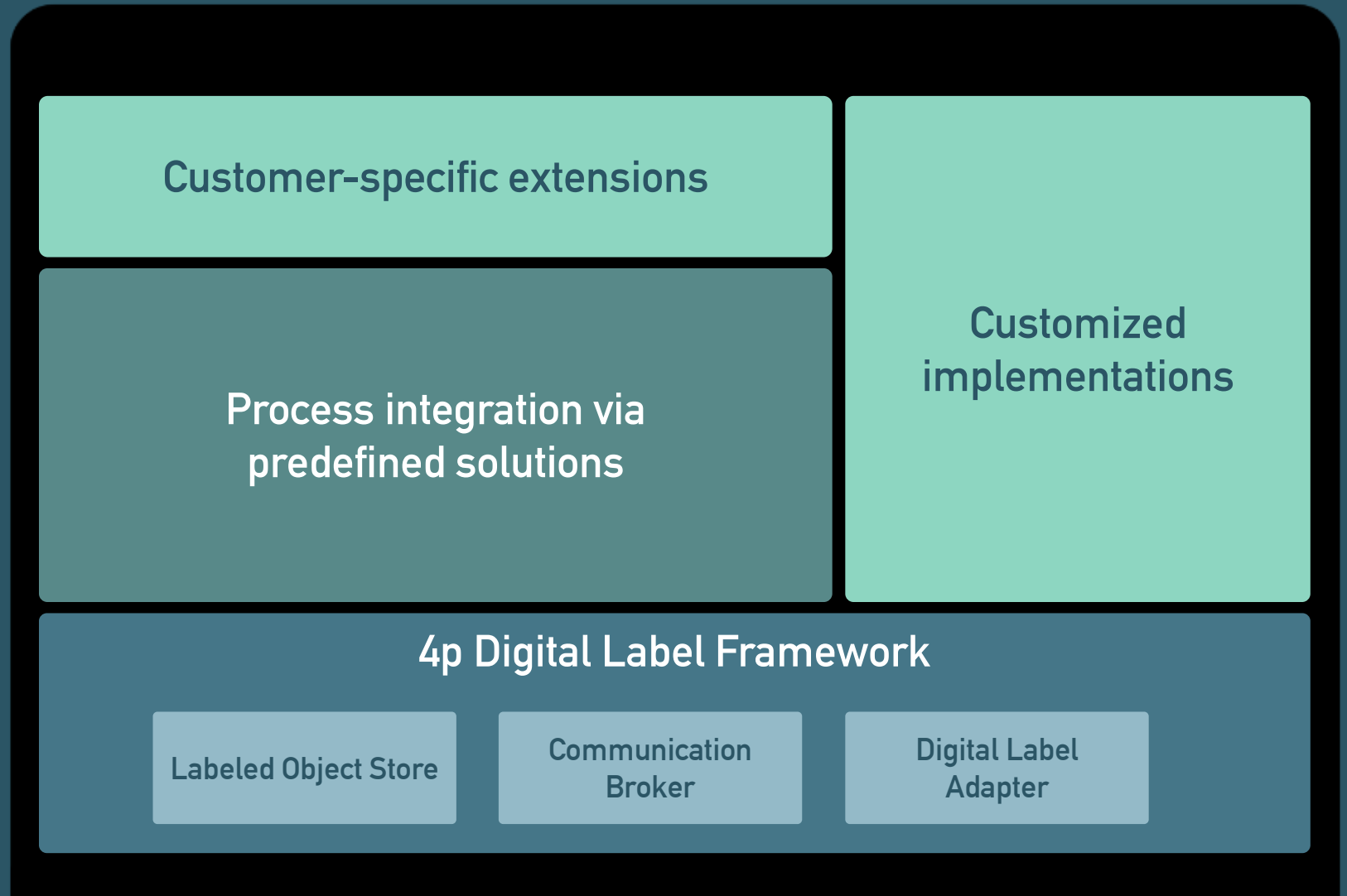
Components

- Digital object assignment via the Digital Label BROKER component
- Assignment of labels to digital business objects possible via barcode scanner or UI5 application



Technical structure

- **Labeled Object Store:**
Assignment of the physical label to a business object in the SAP system
- **Communication Broker:**
Reports a failure or unavailability back to the SAP system
- **E-Shelf Label Adapter:**
Ensures technical communication between the labels and the vendor-specific management software



Possible use cases

Digital routing card for the production order

Level display for containers that cannot be viewed (tanks, silos, IBCs, etc.)

Storage location label with additional information and replenishment request via button

Pick-by-Light (e.g. picking storage location)

Dynamic HU label (display of fill quantity, quality lock, etc.)

HU label for complex warehouse processes with multiple intermediate destinations

Kanban process with replenishment control

Goods receipt process with quality control



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