

# Case Study: Transforming Pharmaceutical warehousing with barcode mobility

Our client is a leader in the Indian pharmaceutical industry, specializing in acute and chronic therapeutic segments. With a global reach, they export products to over 35 countries, including regulated markets in the EU, CIS, and South East Asia.

## Challenges



### Lack of adherence to FEFO

Struggled to minimize wastage of expired medicines while adhering to First Expired, First Out (FEFO) rules.



### Inefficient pickers and packers

Errors in product selection due to inefficient pickers and packers, impacted dispatch accuracy.



### Lack of transparency & bin location

Wasted time and lack of transparency in locating the right bins or medicines, which hampered operational efficiency.

## Business Scenario

Our client faced significant challenges including adherence to FEFO rules, dispatch accuracy, workforce optimization, and compliance with storage regulations.





## Solution

Developed on SAP Fiori, our solution seamlessly integrates with SAP WM/EWM/IM, ensuring compatibility and robust performance. The implementation process is real-time and can be applied to existing SAP configurations with zero disruption. Being SAP certified and a two-time Motorola best solution winner underscores its reliability and excellence.

- **Mobile scanning:** Maventic's mDEW enabled mobile device scanning against SAP documents for incoming/outgoing materials.
- **Barcode mobility for compliance:** Barcode mobility ensured strict adherence to storage rules, reducing errors and optimizing audits for compliance with regulations.
- **2-step picking:** Enabled 2-step picking on mobile devices reducing errors.
- **Warehouse Manager's Cockpit:** Instant overview of activities, barcode generation and printing as well as dynamic assignment of pick, pack and put tasks was provided through a cockpit for warehouse managers
- **Real-time alerts:** Real-time alerts for duplicate or wrong barcode scans as well as confirmation of Transfer Orders in SAP via mobile device.
- **Bin-to-bin transfer:** Seamless bin-to-bin transfer with auto Transfer Order creation and confirmation.





## Benefits

-  USD 200k saved in Costs
-  30% increase in picking efficiency
-  100% accuracy in product dispatches
-  100% compliant with FEFO rules

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