



mStock

*Ultimate Mobile Warehouse Management pack.
11 default scenarios for effective workflow.*

mStock was the first Mobile scenario we ever implemented, and ever since that, it has undergone multiple successful implementations (between others in DEL, a.s.). It covers all the main asset management processes happening in a regular warehouse. Application consists of 11 scenarios including a small physical asset inventory tool, or asset commissioning.

By establishing the smallest commissioned particle, you set a measure for mStock to keep track of your directories, stocks, components, batches and finalized products as well as their expiration dates and other context information.

Key features of mStock

- ✓ structured review of stocked materials and components
- ✓ QR- / bar-code based
- ✓ due-date alerts
- ✓ commissioning & decommissioning assets
- ✓ photo attachments
- ✓ workforce management scenario
- ✓ automatic statistics (consumption, ...)

Key features of a mobile solution

- ✓ lowers the expenses
- ✓ saves time
- ✓ increases personal effectivity
- ✓ convenient for the customers
- ✓ flexible workflow
- ✓ opens possibilities for new ways of business
- ✓ increases operational effectivity

convenient commissioning



keep track of the entire warehouse



role-based workforce management





mStock

Default Scenarios

Batch

When reading the batch code of a physical storage unit, the operator obtains up-to-date information on the inventory balance in the warehouse. The label can be printed repeatedly.

Storage Bin

We have solved bin-to-bin transfers in an intuitive manner. The warehouse operator has an efficient tool available for accurate inventory management in individual storage bins. Our solution also displays well-structured and coloured information based on the physical structure of shelves and aisles.

Stock Removal

This two-step stock transfer is divided between two user roles, which are defined by their assigned warehouse numbers. The function can be used generically for ad-hoc stock transfers.

Transfer to production

Using the mobile application and the mobile device, a pick list is created for picking of material for production by warehouse operators. This "PP staging" is based on the source data of production orders in SAP, and the pick list directly reflects open and confirmed quantities of components. This robust solution is highly intuitive and the operator is constantly informed about the items to be staged or already staged for the particular production order. This way we provide clear and structured information in the mobile device, which is commonly displayed across several different transactions in SAP. Normally the user needs to run the transaction COOIS, possibly also MF60, in order to obtain the required information, and its interpreting usually requires training. Moreover, individual reports between MM and PP or WM and PP – "pull lists" or "pick lists" – are "dead reports" from the moment they are created. Our mobile application provides all this information interactively.

Picking

The shipping operators – pickers – can take over the worklist to their mobile devices and carry out the picking activities for the particular delivery. In the background the picking quantity and the status of the delivery is updated in SAP.

Material

When entering the material number, the operator obtains up-to-date information on batches in the warehouse and their location.

Consumption

By reading the barcode of a production or maintenance order, consumption of material can be recorded for the particular order. The operator has a worklist of orders available. He/she can either use the component list or directly read the barcode. The system identifies the batch and the material and records its consumption automatically. The consumption is conditional on logging into the shop floor warehouse.

Issue of Indirect Material

Handy scenario for stock /directory changes, operating with code-scanners, that let you quickly assign a new directory to a material by scanning both its codes.

Issue of Indirect Material

The mobile pick list is a simple list of reservations in the form of requests for indirect material, such as office supplies, work clothes, etc. The warehouse operator picks them continually and confirms his/her actions directly from the mobile device anywhere in the warehouse area.

Stock Transfer to Shipping

Several scenarios have been prepared for the purpose of shipping. A separate mobile tool has been created for staging of outbound delivery. The process begins on the level of inventory management, where the warehouse operators (in warehouses of production materials and assembly materials) have information available on the shipping worklist and use their mobile device to transfer the materials to shipping.

Physical Inventory

This scenario supports physical inventory on the level of an MM storage location with extended storage bin management on the level of batch classification. Mobile devices contain worklists which are divided based on the physical layout of the warehouse and each operator is assigned to a defined part of the warehouse. Functions of counting, re-counting and displaying of inventory balance in storage bin are available.





mStock

Key Factors of solutions by KCTdata

- ✓ Support for both on-line and off-line work - energy savings, service not required.
- ✓ Usage of SAP Mobile Platform 3.0 is a guarantee of painless transfer to any mobile OS.
- ✓ Widen your services and product portfolio with finished and configurable Mobile Apps.
- ✓ We pay close attention to the SAP standards. Therefore, our apps are easily managed or even further developed by your SAP admins.
- ✓ "PBK" certified. Under predetermined conditions, you get a guarantee of compatibility with new versions of SMP, or even with new versions of your mobile OS. Also, for mere 20% of your investment, we guarantee a transfer to a different OS (Android, Windows Phone, iOS,..).
- ✓ Our apps are trusted by companies like RWE, Foxconn, DHL, MVV ENERGIE, etc.
- ✓ We have a strong experienced team of SMP and HCPms developers.
- ✓ We run 24/7 Basis and Service Desk Support for SAP Mobile Platform.
- ✓ We have years worth of experience in mobile development.
- ✓ Our apps are User friendly and easy-to-use, our UX experts are constantly working on the software interface updates to achieve the most convenient and effective usage possible.

You might also be **interested** in:



assembling large technological units with **mAssembly**



retail support management with **mStore**



comprehensive workforce management with **mTechnician**