Consulting Solution
EWM Repetitive Manufacturing

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AGENDA

1. General Information
2. Functional Description
3. Realization in the System
4. Technical CV

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1 General Information
REQUIREMENTS

- You use SAP ECC Repetitive Manufacturing to manage the production of your goods.
- You want to use SAP EWM to manage stocks in your production location.
- The supply and goods receipt shall be supported by EWM Functions.
- Your employees on the shop floor shall work in one system.
- Production Supply, goods receipt and consumption shall be monitored and executed in the warehouse system.
- You post the consumption real-time and not via backflush.
CONSULTING SOLUTION

Solution

- Requirements known, concept and solution existing
- Functionality based on SAP standard functionality
- Solution available for all EWM releases as of 9.2
- Adaption to your specific requirements possible

Time

- Fast and easy to be implemented
- Efficient and short project duration

Cost

- Exact pricing possible due to fix price implementation
- Cost sharing model strongly reduces cost of the customer implementation
Fixed price contains the following services…

- Technical implementation
- Configuration Guide
- Test Cases
- Hand-over of the add-on to your IT
- 6 Month free of charge post implementation care
2 Functional Description
GOALS & CONCEPT

Production Supply & Consumption:
Based on production material requests (PMR) you run the production supply and consumption within EWM on a EWM-managed storage location only. The PMR is based on a planned order (run schedule quantity) for your product marked for repetitive manufacturing with a product version. Within EWM you use the same functions and user-interfaces as for production- and process- orders.

Goods Receipt:
For the finished product and also for co- and by-products you capture the goods receipt in EWM using the RF-environment or a MES-Interface, e.g. by HU. The system creates an inbound delivery within EWM and a goods movement in ECC. Cancel of the GR is possible, starting also in EWM.

Process Product Cost Collector:
You maintain a process product cost collector for the product & production version. This cost collector will be updated with every goods movement on the EWM storage location.
GOALS & CONCEPT

Assumptions and Advantages

Assumptions (mandatory for the solution):

- You work with planned orders that are not converted into production- or process-orders
- Backflush is switched off for the ECC-repetitive manufacturing profile
- Consumption (and Cancel) is recorded in EWM
- All components of the bill of materials are EWM-managed
- Goods-Receipt (and Cancel) is recorded in EWM

Advantages:

- You can run repetitive and process manufacturing in the same warehouse
- All stock is managed in EWM (no posting to IM-storage location required)
3 Realization in the System
SYSTEMVIEW: REPETITIVE MANUFACTURING (NON-JIS AND JIS)

Production Supply & Consumption of the components

**ECC**
- Planned Order (Run Schedule Qty)
  - a) Update Process Product Cost Collector
  - b) GI Postin from the EWM-storage location

**EWM**
- PMR for Planned Order
  - Production Supply
  - Consumption
  - GI-Posting of components

Legend:
- Standard
- Consulting Solution
SYSTEMVIEW: REPETITIVE MANUFACTURING (NON-JIS)

Goods Receipt

- **ECC**
  - Planned Order (Run Schedule Qty)
  - a) Update Process Product Cost Collector
  - b) GR-Posting on EWM-storage location

- **EWM**
  - PMR for Planned Order
  - Inbound Delivery (& HU)
  - GR-Posting
  - Putaway

- Standard
- Consulting Solution
Replication of Planned Order to EWM

Planned Order in ECC (tx MD12)

Production Material Request (PMR) in EWM, tx /SCWM/PMR
Consumption Posting in the EWM Consumption Cockpit

Consumption by Production - Manufacturing Order 5391, Warehouse W001

Consumption Posting

- Handling Unit: [Field]
- Product for: TEIG
- Batch: [Field]
- Shelf Life Ex.: [Field]
- Consumption Quantity: [Field]
- Description: Teig (Rohware)
- Restricted: [Field]
- Operation: 0010
- Quantity th.: 2 KG
- Valuation Quantity: [Field]
- Serial Number: [Field]

Additional Manufacturing Order Information

- Header
  - Finished Product: DONUT
  - Description: Donut (Fertigerzeugnis)
  - Manufacturer: 5391

- Item
  - Requirement Date: 17.04.2017
  - Quantity: 172 KG
  - Operation: 0010
  - Reservation: 272
  - Item Number: 1
  - Consumed: 0 KG
  - Required Quantity: 50 KG
  - Consumption: 0%

Stock for Consumption

- Handling Unit: TEIG
- Product for Consumption: TEIG
- Stock on Production Support: 3 KG
- AUoM: [Field]
- Description: Teig (Rohware)
ECC process product cost collector for consumption posting from EWM-storage location
SYSTEM-DEMO – 4/4
Goods Receipt in EWM (including ECC process product cost collector)
4 Technical CV
TECHNICAL CV

Fuction
- EWM Repetitive Manufacturing

AddOn/Modification
- AddOn

Function Available
- EWM as of Release 9.2
- ECC as of Release 6.17 or S/4 as of Release 16/10