

# Warehouse Management in SAP S/4HANA Cloud

## What's New in 2108

August 2021  
EWM Development, SAP SE

PUBLIC

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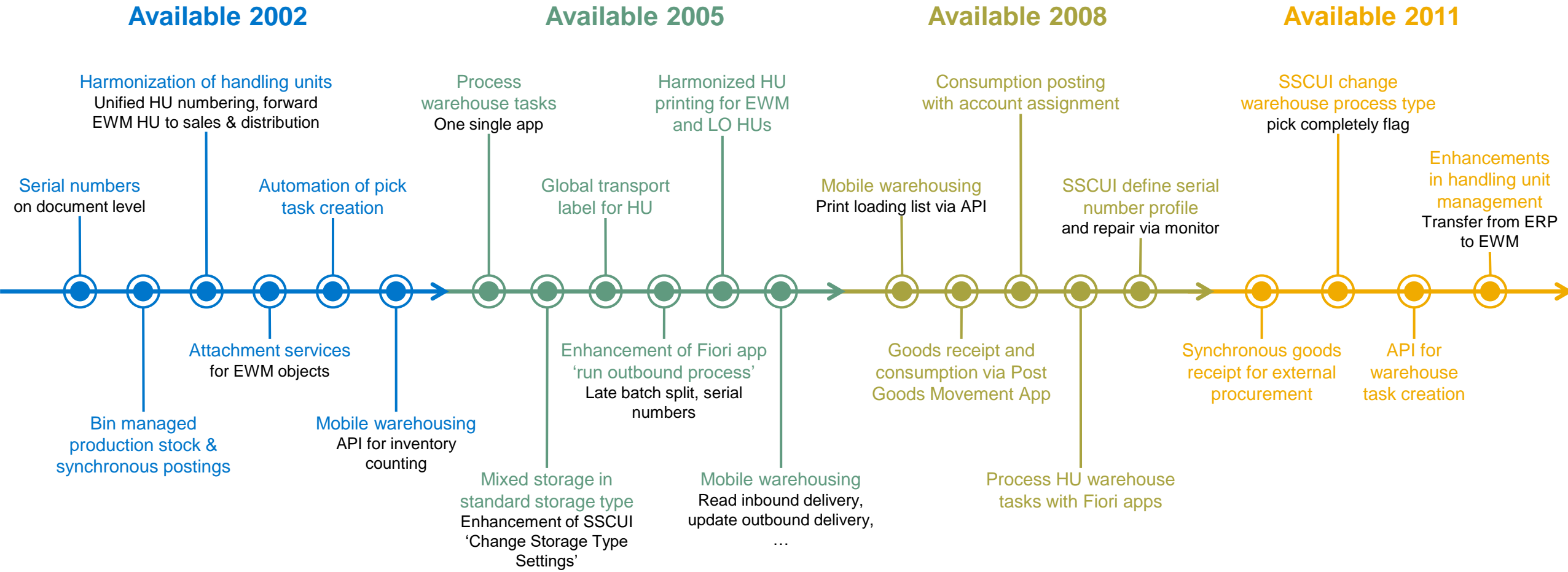
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# Recap SAP S/4HANA Cloud – Warehouse Management

## Innovations in 2020

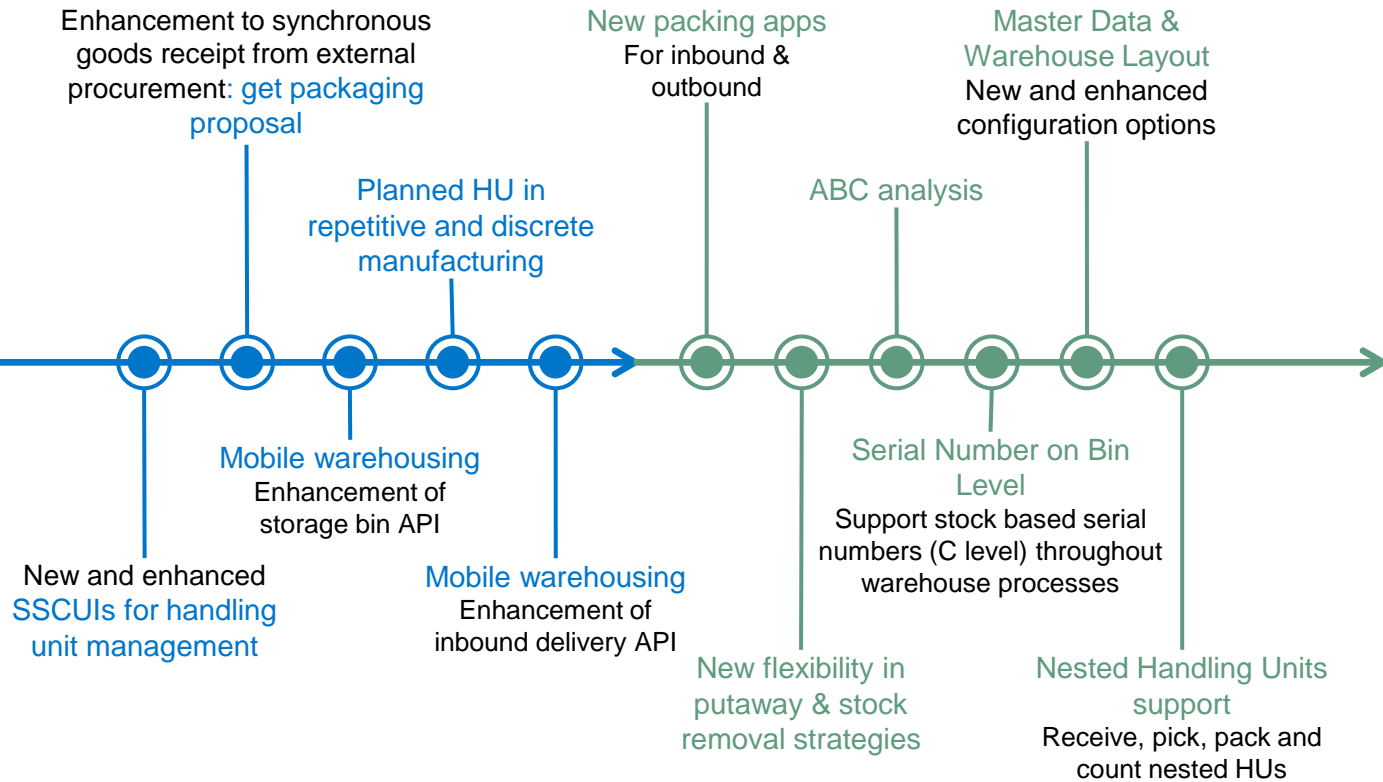


# Recap SAP S/4HANA Cloud – Warehouse Management

## Innovations in 2021

### Available 2102

### Available 2105



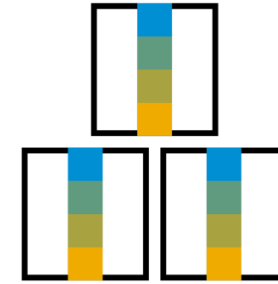
# Areas of Investment in SAP S/4HANA Cloud 2108



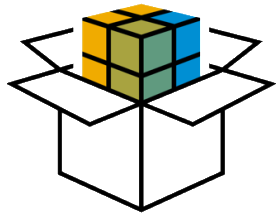
**Master Data &  
Warehouse Layout**



**Internal  
Processes**



**Outbound  
Processes**



**Cross Processes**

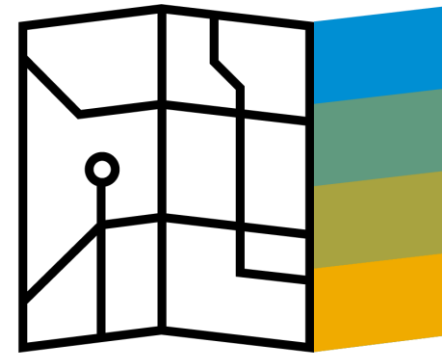


**Mobile  
Warehousing**



**Miscellaneous**

# Master Data & Warehouse Layout



# Show Change Logs of Warehouse Products in Warehouse Monitor

## Motivation

- Show change logs to warehouse clerks to improve root cause analysis

## Planned Scope

- Show change logs of warehouse products – warehouse view
- Show change logs of warehouse products – storage type view

Warehouse Attribute

Sto.Type

Attrl.

Unit of Meas.

Product

TA\_TG11

TG\_KK1

TG0011

TG0012

TG0013

TG0016

TG11

Trading Good 0013,PD,Regular Proc.

Trading Goods 0016,Reg.Proc., Serial No.

Trad.Good 11,PD,Reg.Trading

Mat.Type

Wh Data

Unit

Gross

Unit

Volume

VUn

Batch-Man

Ptv

Mass Change/Create

Display Fxd Bin Asst Chg. Docs

Repair Serial Number Profile

Display Change Documents

Warehouse Management Monitor SAP - Whse. 1050 (Time Zone CET)

Display Change Documents

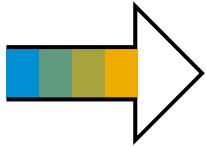
Product	Disposal	Date	Time	Short text	Old value	New value	Transaction Code	User	Change Type
TG0011	10411010	02/09/2021	08:17:43	Putaway Control	S001		/SCWM/ABC_SCR2	CB9980000744	Changed
			08:04:34	Putaway Control	SG01	S001	/SCWM/ABC_SCR2	CB9980000744	Changed
TG0012		02/24/2021	03:30:10	Control Indicator for Process Type Determination		S1		CB9980000665	Changed
				Stock Removal Control	SF01	ZSF1		CB9980000665	Changed
TG11		04/12/2021	11:05:03	Control Indicator for Process Type Determination	S1	MP	/SCWM/MON	CB9980000744	Changed
		03/12/2021	14:30:26	Putaway Control	S001	SF01	/SCWM/MON	CB9980008733	Changed
		02/24/2021	14:04:32	Control Indicator for Process Type Determination	MP	S1	/SCWM/MAT1	_SAPI535440	Changed
			14:01:30	Control Indicator for Process Type Determination	S1	MP	/SCWM/MAT1	_SAPI535440	Changed
			13:35:26	Control Indicator for Process Type Determination	MP	S1	/SCWM/MAT1	_SAPI535440	Changed
			13:34:56	Control Indicator for Process Type Determination	S1	MP	/SCWM/MAT1	_SAPI535440	Changed
		02/02/2021	12:57:20	Control Indicator for Process Type Determination		S1	/SCWM/MON	CB9980000744	Changed
		02/01/2021	15:40:13	Staging Area and Door Determination Group	DDG1		/SCWM/MAT1	_SAPD042560	Changed
		01/27/2021	10:36:19	Staging Area and Door Determination Group		DDG1		CB9980004150	Changed

EWM Warehouse Management Monitor

# Organizational Structure

## Multiple Storage Locations in a Warehouse

### Motivation



- Only a single storage location of a plant can be handled in a warehouse  
In order to hide complexity and reduce the number of mandatory configuration steps for integration setup in cloud, we create entries needed for integration automatically with the warehouse setup.
  - Creation of stock types F,Q,B,S and availability group 001 with the warehouse creation upon warehouse creation
  - Creation of assignment between plant, storage location and the warehouse (/SCWM/TMAPSTLOC) upon assigning Warehouse Number (ERP warehouse number) to the Warehouse (EWM warehouse number) [1:1 relation needed]
- Customer incidents: Current logic how entries are transported and created, especially for /SCWM/TMAPSTLOC, depends on sequence of SSC UI usage



# Storage Location in the Warehouse – with CE2108

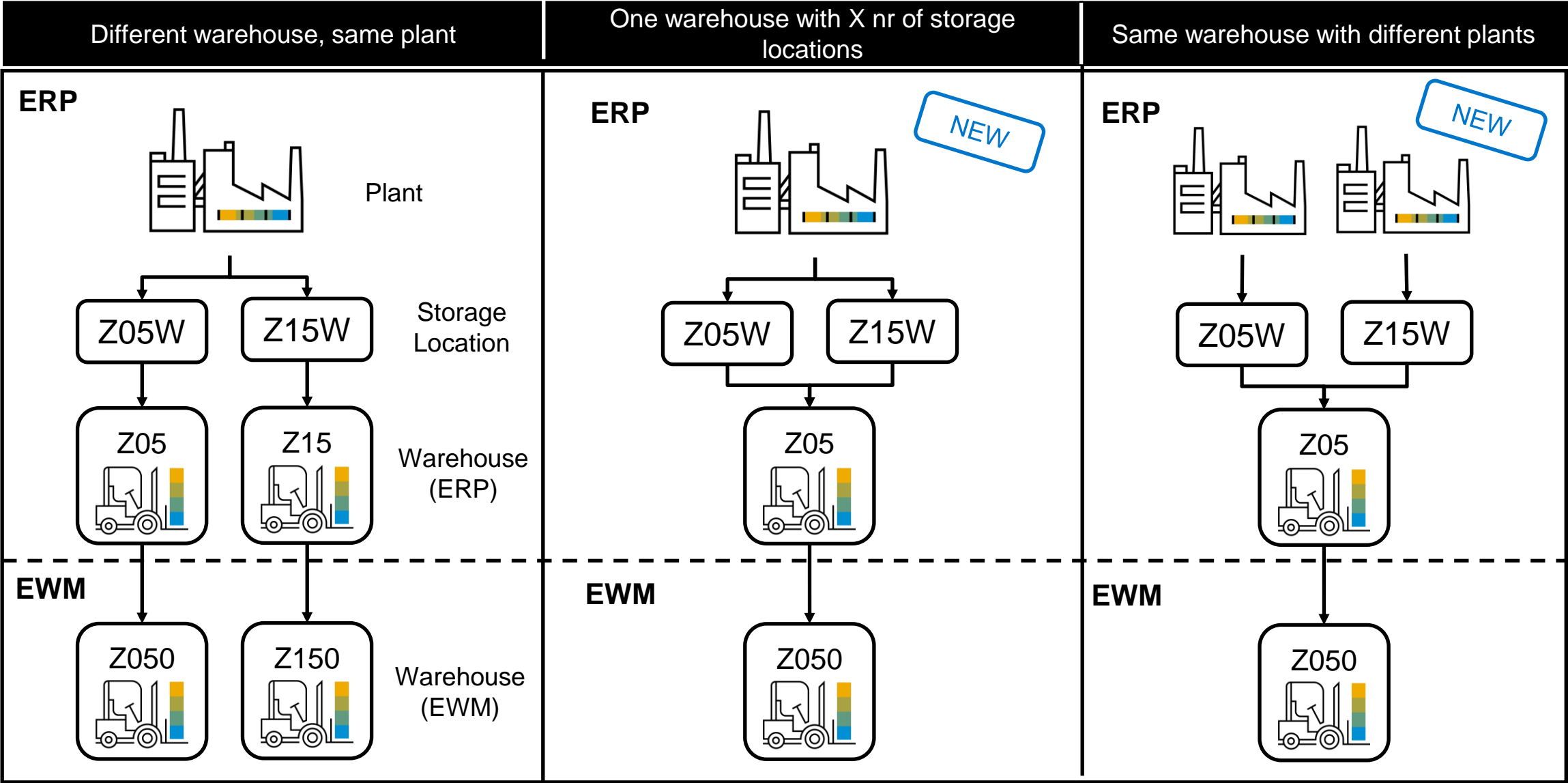


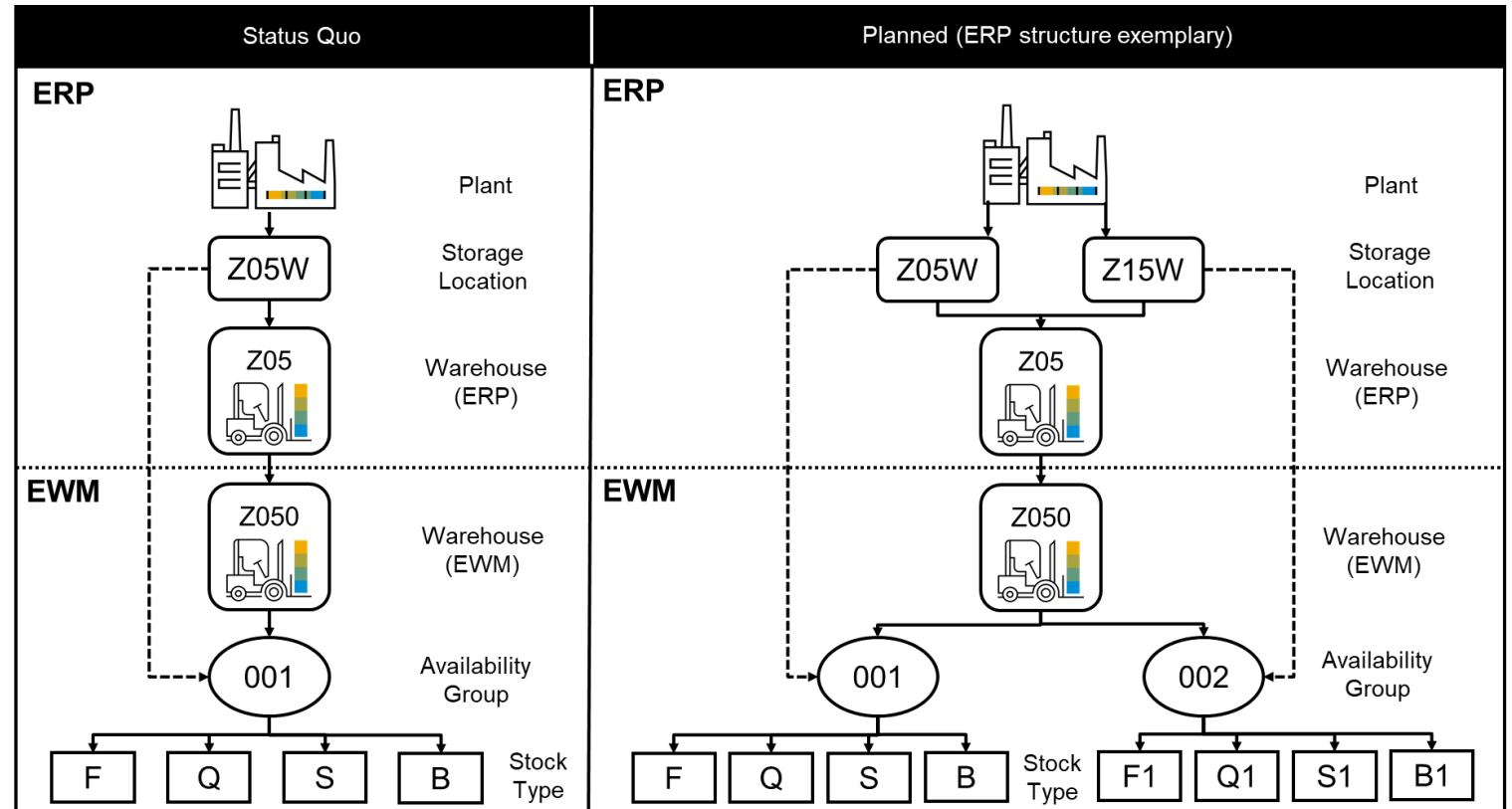
Figure 1 Supported Scenarios: Plant/Storage Location ↔ Warehouse

# Organizational Structure

## Multiple Storage Locations in a Warehouse

### Scope

- Allow handling of up to 11 storage locations in a plant in a single warehouse
  - Offer configuration UIs for definition of availability groups and mapping of storage locations to the warehouse
  - Enhance configuration UI for stock types in the warehouse to allow creation of new stock types and assignment of availability group
- Improve consistency especially in Q-systems upon assignment changes



# Internal Processes



# Enhanced FIORI App - Physical Inventory Counting

## Assign Serial Number Range

### Planned Scope

- Assign Serial Number Range is used to assign consecutive serial numbers to multiple items
- Number of Serial Numbers is checked against Product Quantity
- Error messages will be raised if number of serial numbers does not match the product quantity or invalid input is detected

The screenshot displays the SAP Fiori App interface for 'Count Physical Inventory'. The main screen shows a 'Physical Inventory Document: 6000001886' with details like 'Warehouse Order: 2000285652' and 'Number of Physical Inventory Items: 2'. A table titled 'Count Physical Inventory Items' lists two items: 'T051-06-11-C' and 'T051-06-11-D'. A modal dialog box titled 'Assign Serial Number Range' is open, showing the product 'PROD-M01-SNC-FL (Medium part 01)' and item number '1'. The dialog prompts for 'No. Serial Numbers' (0 / 8), 'From' (110), and 'To' (117). A yellow arrow points from the 'Assign Serial Number Range' button in the background table to the dialog box. The dialog has 'OK' and 'Cancel' buttons at the bottom.

Storage Bin	Bin Empty	Handling Unit	HU Complete	HU Empty
T051-06-11-C	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
T051-06-11-D	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Quantity	UoM	Serial Number	Checked
2	CAR	Serial Numbers (0)	<input checked="" type="checkbox"/>

Fiori App – Count Physical Inventory

# New Fiori App “Display Warehouse Documents”

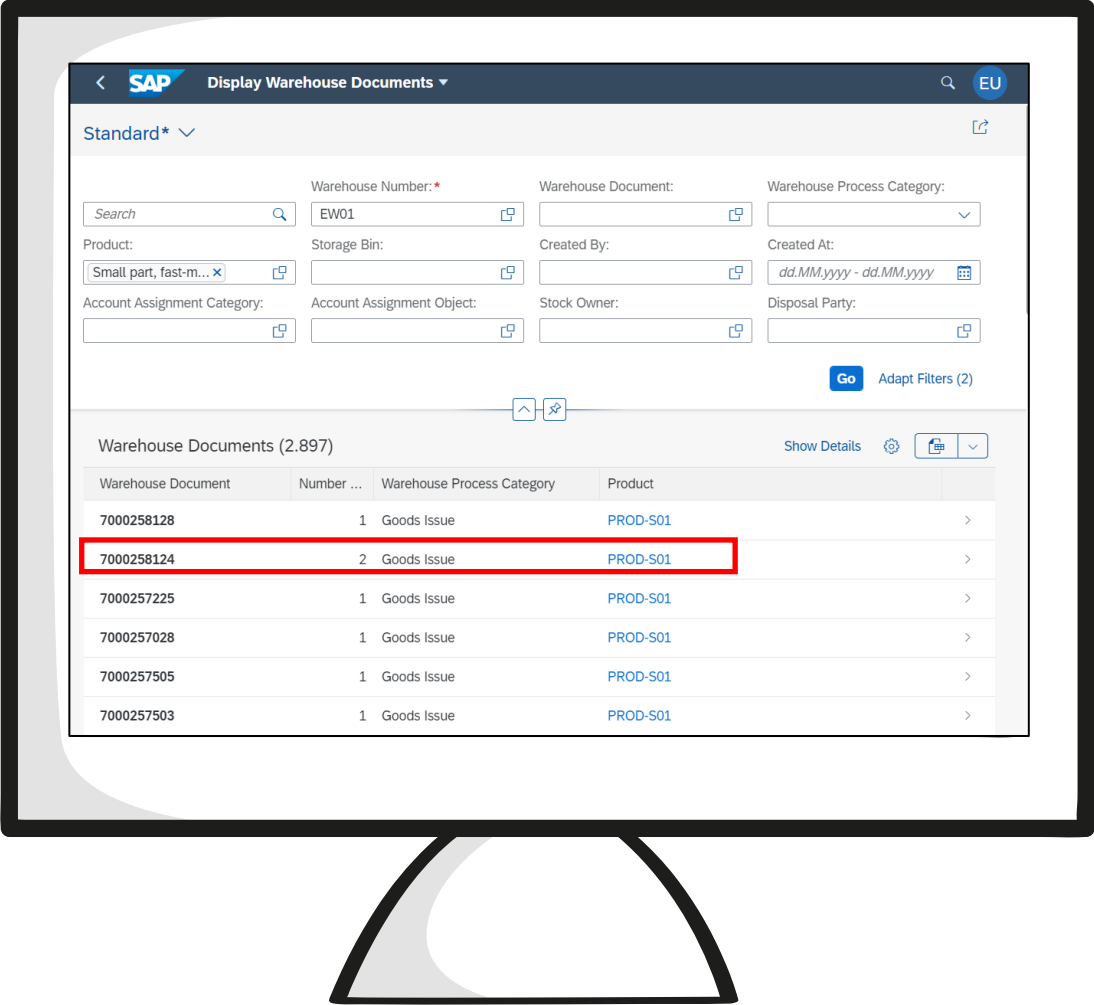
## Find a Warehouse Document

- A warehouse document is a goods receipt or goods issue posting
- It consists of one or multiple items

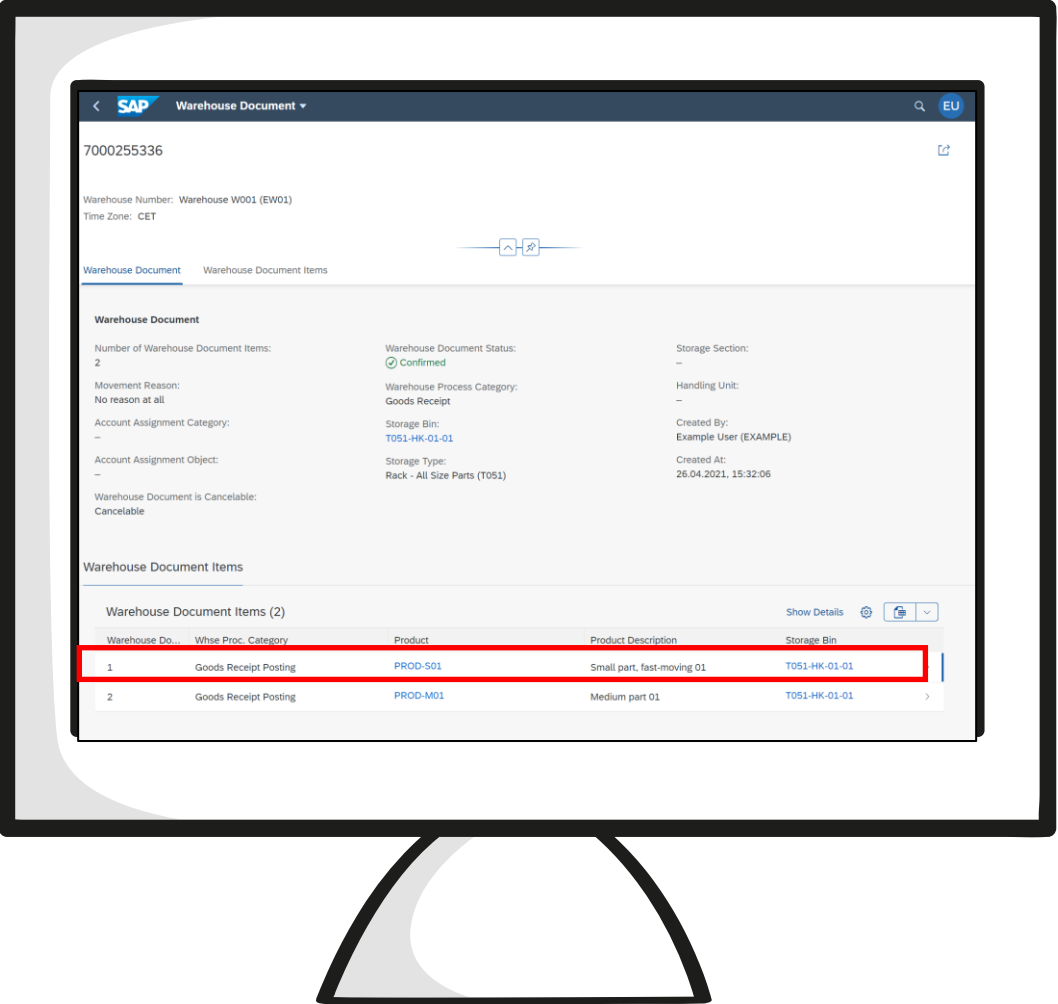


My colleague told me he scrapped something today. Not sure if he entered the correct cost center....  
... So I select for the warehouse, the product and today's date etc.

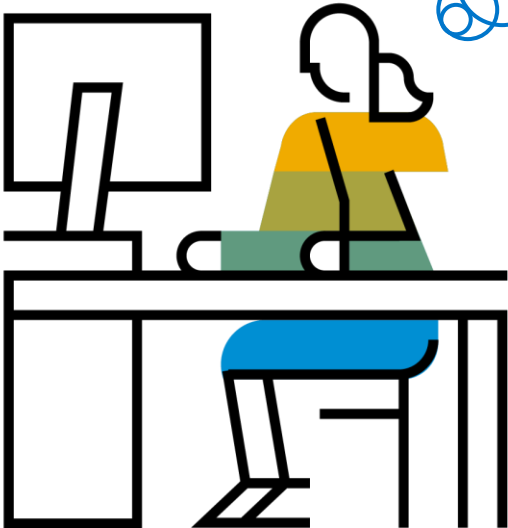
# Display Warehouse Documents – Filter and Result List



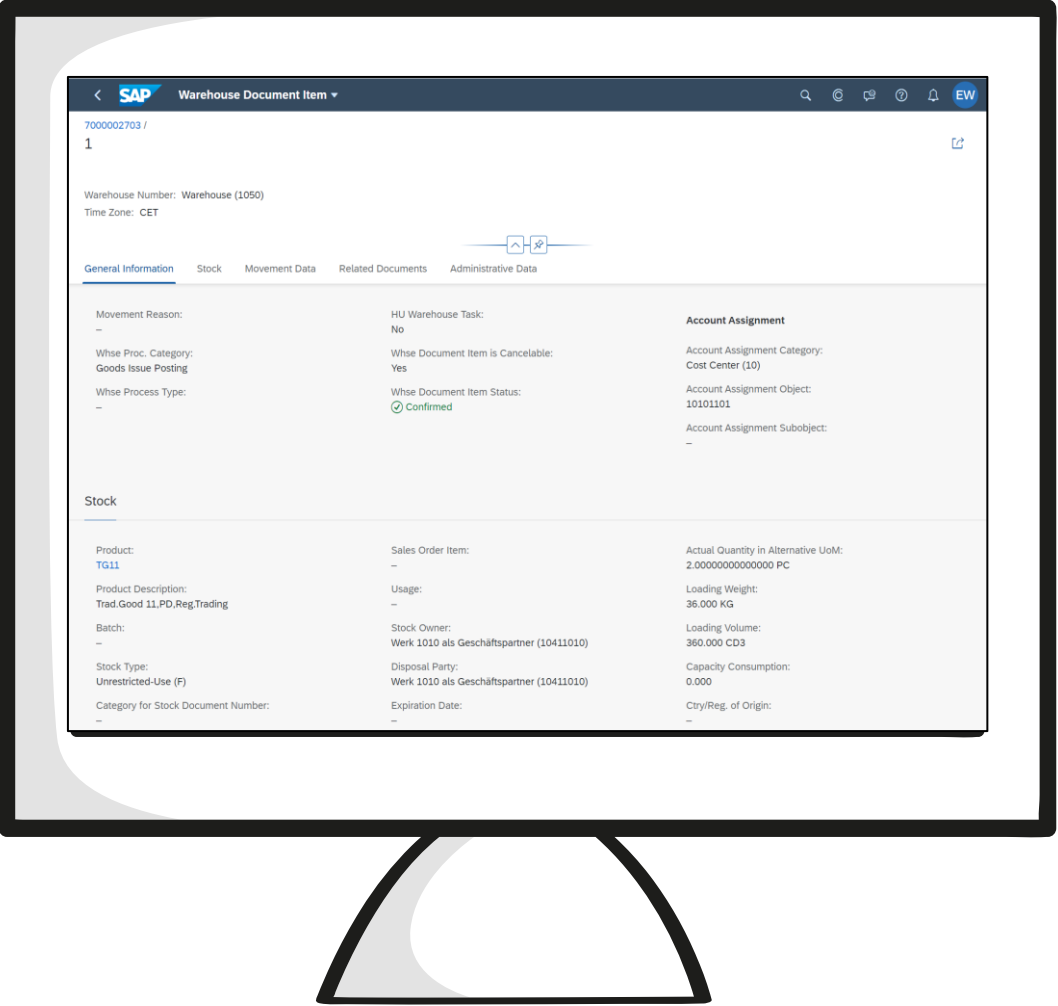
# Display Warehouse Documents – Warehouse Document Detail Page



The cost center is the correct one... But which shelf life expiration date had this stock? So I select it and view the details of the item.



# Display Warehouse Documents - Warehouse Document Item Detail Page

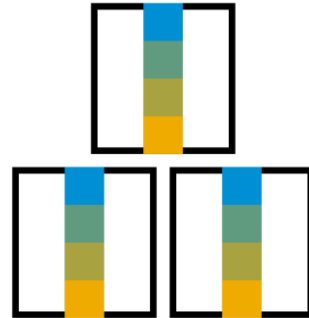


Oh good, the expiration date was close anyway. Now I have seen all the document- and item details about this posting.





# Outbound Processes



# Change Gross Weight and Volume on Item Level

## Motivation

- Not all master data is maintained to have precise weight & volumes for delivery documents
- Be able to adjust weight and volume

## Planned Scope

- Enhance FIORI app “Run Outbound Process” to override weight & volume

Items

2 All Items | 0 Missing Tasks | 0 Open Tasks | 2 Picked

Delivery Items (2) | Standard\* | Change Delivery Item Quantity | Change Gross Weight / Volume

<input type="checkbox"/> Main Item Number	Product	Delivery Qty	Packing Status	Gross Volume	Gross Weight
<input checked="" type="checkbox"/> 10	PROD-S01	5,000	EA	Not started	2,500 CD3 0,500
<input type="checkbox"/> 20	PROD-S01	4,000	EA	Not started	2,000 CD3 0,400

Change Gross Weight / Volume Quantity

Gross Volume:  
12,500 CD3

Gross Weight:  
10,500 KG

Save Close

Items

2 All Items | 0 Missing Tasks | 0 Open Tasks | 2 Picked

Delivery Items (2) | Standard\* | Change Delivery Item Quantity | Change Gross Weight / Volume

<input type="checkbox"/> Main Item Number	Product	Delivery Qty	Packing Status	Gross Volume	Gross Weight
<input type="checkbox"/> 10	PROD-S01	5,000	EA	Not started	12,500 CD3 10,500 KG
<input type="checkbox"/> 20	PROD-S01	4,000	EA	Not started	2,000 CD3 0,400 KG

# Fiori App: Pack Outbound Deliveries Indicating Customer Stock

## Planned Scope

- Support customer stock during packing
- Provide information in field list so customer can change layout
- Support App “Pack Warehouse Stock”
- Support App “Pack outbound deliveries”

Pack Warehouse Stock

Storage Bin QUAL-I01 and Work Center WPQ1 of Warehouse Number EW01

Handling Unit / Storage Bin:  Handling Unit:  **Create**

Product/Access Code:

Product: PROD-S01-BM  
Description: Batch Managed with classification  
Handling Instructions:

Packaging Material: MP5 EUROPALLET 0.12KG  
Packing Instructions: 10000000KG  
Net Weight: 0.12 KG  
Gross Weight:  KG

**Partially Pack** **Diff. as Char...** **Diff. as Char...** **Pack All** **Pack** **Print** **Unpack All** **Unpack** **Close** \*\*\*

Items of QUAL-I01 ( 380 )

Product	Description	Quantity	Uo M	Sales Order/Project	Sales Order Item
PROD-S01-BM	Batch Managed with classification	10		80000582	10
PROD-S01-LONG-MATERIAL	Small part, fast-moving 01 Long Mat. No.	1	EA		
PS-PROD-S01	Small part, fast-moving 01	3	EA		
AI-PROD-S01-QM	Small part, fast-moving 01	2	EA		
AI-PROD-S01-QM	Small part, fast-moving 01	2	EA		
AI-PROD-S01-QM	Small part, fast-moving 01	2	EA		
AI-PROD-S01-QM	Small part, fast-moving 01	10	EA		

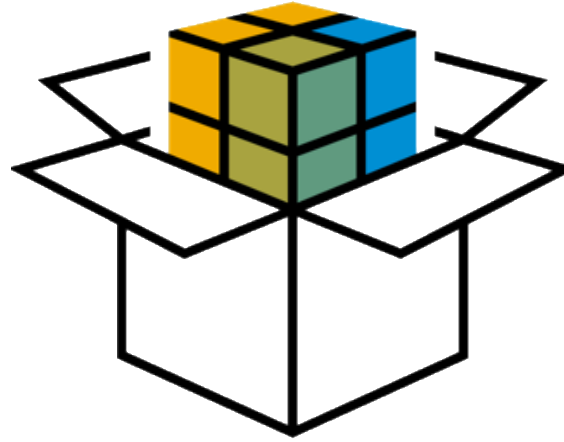
Items of 800159840 ( 1 )

Product	Description	Quantity	Uo M	Batch	Stock Type	Sales Order/Project	Sales Order Item
CYR_CI F_1	Sweet Muffin (No Batch Mgm.)	1	EA		Q3	90024	10

**2** **Leave**

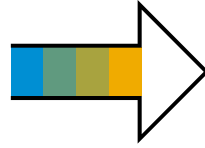
Fiori App – Pack Warehouse Stock

# Cross Processes



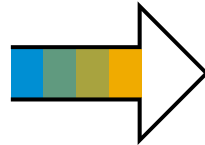
# Attachment Services for Handling Units

## Motivation



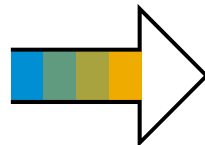
- Enable attachments for Handling Units
- Media and documents from non-SAP sources
- General possibility to connect hyperlinks as attachments

## Scope



- Process Inbound Delivery App – HU Pop-Up
- Warehouse Management Monitor – HU Monitor Nodes
- HU is also enabled in Attachment Service OData API

## Deployments



- Embedded EWM in S/4HANA since CE 2108
- Decentral and Embedded EWM, S/4HANA OP 2021

# Attachment Service in EWM

## General Enhancement for Hyperlinks as Attachments

**SAP** Change Inbound Deliveries ▾

Delivery 180000592

Warehouse Number: Warehouse (1050) Vendor: Inlandslieferant DE 1 (10300001)  
Time Zone: CET Number of Items: 1

General Data Items Attachments

Planned Dlv. Date: 17.05.2021, 00:00 Carrier: - LE Delivery: 180000592

Items

Total Items (1) Unpacked Items (0)

Delivery Items (1) Standard ▾ Assign Serial Number Range Create Tasks Manually + Show Details ⚙

<input type="checkbox"/>	Item Number	Product	Delivery Quantity	Stock Type	Batch	Number of HUs
<input type="checkbox"/>	10	TG11	5.000	PC Unrestricted-Use (F)		HUs: 1

Attachments

Attachments (0)

Upload **Add a Link**

No entries found  
Drop files to upload, or use the "Upload" button.

*Attaching hyperlinks is now generally available for attachments in EWM; enabled in FIORI Apps and in Warehouse Management Monitor*



# Attachment Service for Handling Units


## FIORI App Change Inbound Deliveries

Handling Unit



Standard


Product	Batch	Packed Quantity	Purchase Order	Loading Weight
TG11		5,000	PC 4500013850	90,000 KG

Attachments (3) Upload Add a Link ↓



 attachment2.pdf


Uploaded By: John WarehouseClerkEwm · Uploaded On: 05/19/2021 13:15:52 · File Size: 19,46 KB



 attachment3.docx

Uploaded By: John WarehouseClerkEwm · Uploaded On: 05/19/2021 13:15:52 · File Size: 13,38 KB

 attachment.png

Uploaded By: John WarehouseClerkEwm · Uploaded On: 05/19/2021 13:15:33 · File Size: 5,21 KB

Close Delete HU

Attachments to HUs  
can be managed on the  
detail view for HUs

App Change Inbound Deliveries – HU Pop-Up

# Attachment Service for Handling Units


## FIORI App Change Inbound Deliveries

Handling Unit



Standard


Product	Batch	Packed Quantity	Purchase Order	Loading Weight
TG11		5,000	PC 4500013850	90,000 KG

Attachments (3) Upload Add a Link ↓



 [attachment2.pdf](#)


Uploaded By: John WarehouseClerkEwm · Uploaded On: 05/19/2021 13:15:52 · File Size: 19,46 KB



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 [attachment.png](#)

Uploaded By: John WarehouseClerkEwm · Uploaded On: 05/19/2021 13:15:33 · File Size: 5,21 KB

Close Delete HU

*The detail view for HUs offers ...*

- *Upload*
- *Download*
- *Renaming*
- *Deletion*

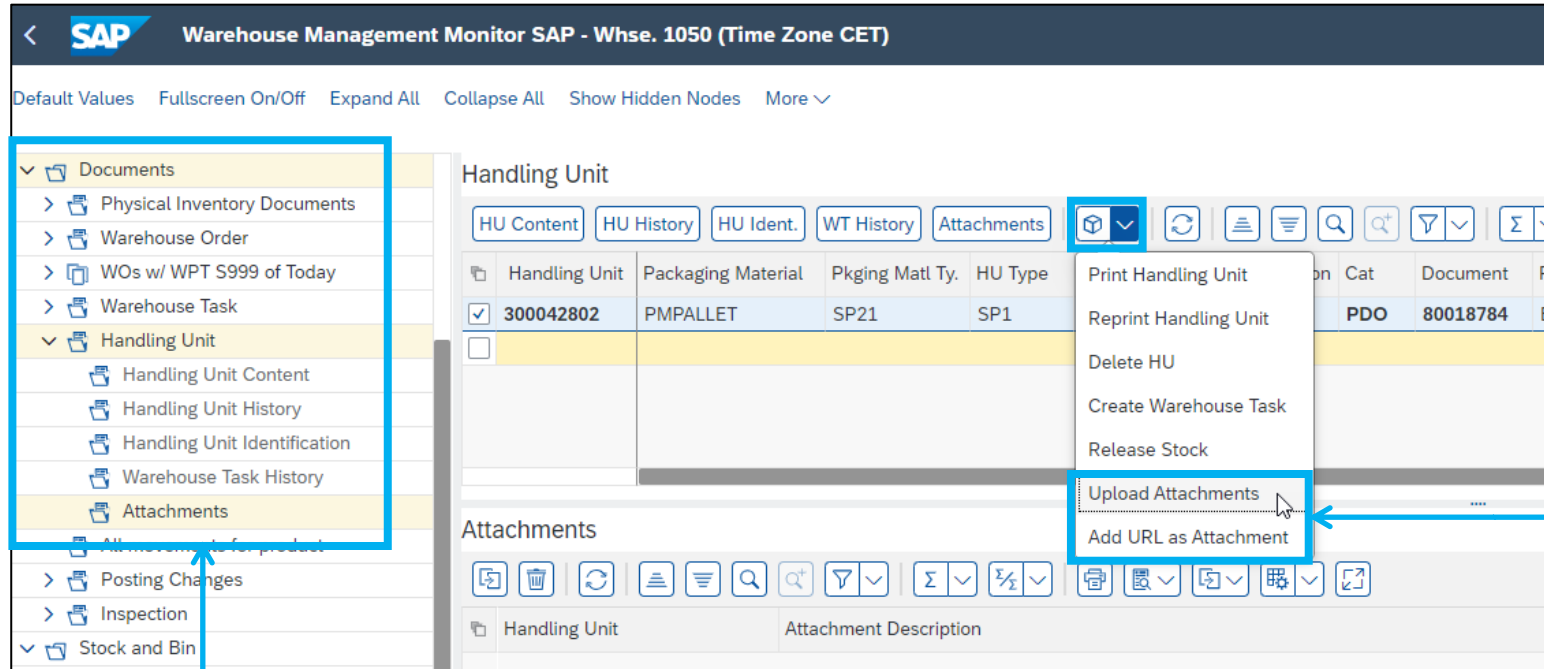
*... of attachments*

*App Change Inbound Deliveries – HU Pop-Up*



# Attachment Service for Handling Units

## Warehouse Management Monitor



Warehouse Management Monitor

The monitor nodes offer ...

- Upload
- Download
- Deletion

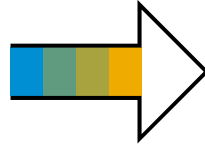
... of attachments as well

You can use Attachment Services in nodes:

- Stock and Bin → Handling Unit
- Documents → Handling Unit

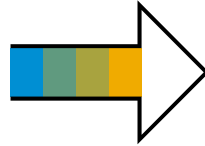
# Enhanced Migration Object *Warehouse Stock*

## Motivation



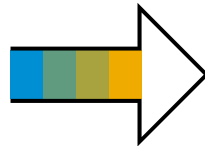
- Upload of external value requested by customers/partners
- Enable stock upload with split valuation for batches
- **One-single point of entry to update warehouse stock and IM values**

## Scope



- External Amount
- Split Valuation for valuation category “Automat.(Batch)”

## Deployments



- Embedded EWM in S/4HANA CE 2108 via Migration Cockpit
- EWM in S/4HANA OP 2021 via Initial Stock Upload (aka “ISU”) \*

*\* Not enabled for Migration Scenario “Business Suite EWM to decentral EWM in S/4HANA” via Migration Cockpit because values in inventory management would already exist*

# Enhanced Migration Object Warehouse Stock

## External Amount

Field List for Migration Object: Warehouse stock

Version SAPSCORE 125 - 20.05.2021 © Copyright SAP SE. All rights reserved.

Sheet Name	Group Name	Field Description	Importance	Type	Length	Decimal
Stock Header Data (mandatory)						
	Stock Header	Warehouse Number	mandatory for sheet	Text	40	
		Storage Bin	mandatory for sheet	Text	80	
		Highest-Level HU		Text	20	
	Stock Header Data	Stock Upload to WM Only		Text	1	
		Posting Date		Date		
Stock Item Data (mandatory)						
	Stock Item	Warehouse Number	mandatory for sheet	Text	40	
		Storage Bin	mandatory for sheet	Text	80	
		Highest-Level HU		Text	20	
		Row ID	mandatory for sheet	Text	10	
	Stock Item Data	Item Category for Stock Data Transfer	mandatory for sheet	Text	80	
		Higher-Level Handling Unit		Text	20	
		HU ID		Text	20	
	Stock Data	Product Number		Text	80	
		Quantity		Number	13	3
		Unit of Measure		Text	80	
		External Amount in Local Currency		Number	23	2
		Stock Type		Text	80	
		Batch		Text	10	
		Owner		Text	80	
		Party Entitled to Dispose		Text	40	
		Stock Usage		Text	80	
		Type: Sales Order Stock or Project		Text	80	
		External Number of Sales		Text	35	
		Sales Order Item for Sales Order		Number	10	
		Goods Receipt Date		Date		
		Goods Receipt Time		Time		
		Country/Region of Origin		Text	80	
		Shelf Life Expiration Date		Date		
		Certificate Number		Text	10	
	HU Data	Number Range for Ext. HU ID		Text	1	



New field for External Amount in Local Currency

XML template for migration object *Warehouse Stock*

# Enhanced Migration Object Warehouse Stock

## External Amount and Single Batch Valuation

Display Batch

Create Create with Template Change Other Batch Add batch to worklist More

Material: IR2-PROD-S03-BM

Small part, fast-moving 01, batch-manage

Batch: GERMAN

Plant: 1010 Plant 1 DE

Basic Data 1

Basic Data 2

Classification

Material Data

Changes

Shelf Life Expiration/Best Before Date

Date of Manufacture: 01.05.2021

SLED/BBD:

Available From:

Period Indicator: D

Batch Status

Batch Status: ☒ Unrestricted

☐ Restricted

Last Status Change:

Miscellaneous

Next Inspection:

Valuation Type: VALV

Valuation Type is retrieved from the batch master entered in the XML file during stock migration

Batch Master – Valuation Type

Line	Mat. Short Text	Wa...	Qty in UnE	EUn	SLoc	G/L Account	Batch	Valuation Type	M...	D...	Stock Type	Plnt
1	Small part, fast-moving 01, V-price	<input type="checkbox"/>	5	EA	Warehouse	39912000			561	+	Unrestricted-Use	Plan
2	Small part, fast-moving 02, S-price	<input type="checkbox"/>	2	EA	Warehouse	39912000			561	+	Unrestricted-Use	Plan
3	Small part, fast-moving 01, V-price	<input type="checkbox"/>	1	EA	Warehouse	39912000			561	+	Unrestricted-Use	Plan
4	Small part, fast-moving 01, batch-manage	<input type="checkbox"/>	2	EA	Warehouse	39912000	VALS	VALS	561	+	Unrestricted-Use	Plan

Material

Quantity

Where

Batch

Account Assignment

Warehouse Management

Qty in Unit of Entry: 2 EA

Qty in SKU: 2 EA

Ext. Amount LC: 20,00

Amt.in Loc.Cur.: 16,00

Status GR Doc.: 8

Material Document – External Amount

Material

Quantity

Where

Batch

Account Assignment

Warehouse Management

Material: Small part, fast-moving 01, batch-manage

IR2-PROD-S03-BM

Material Group: L001

Valuation Type: VALS

Material Document – Valuation Type

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# Mobile Warehousing



# Mobile Warehousing – Using RF Framework

## Out-of-the-box functionality for mobile warehousing

### Planned Scope

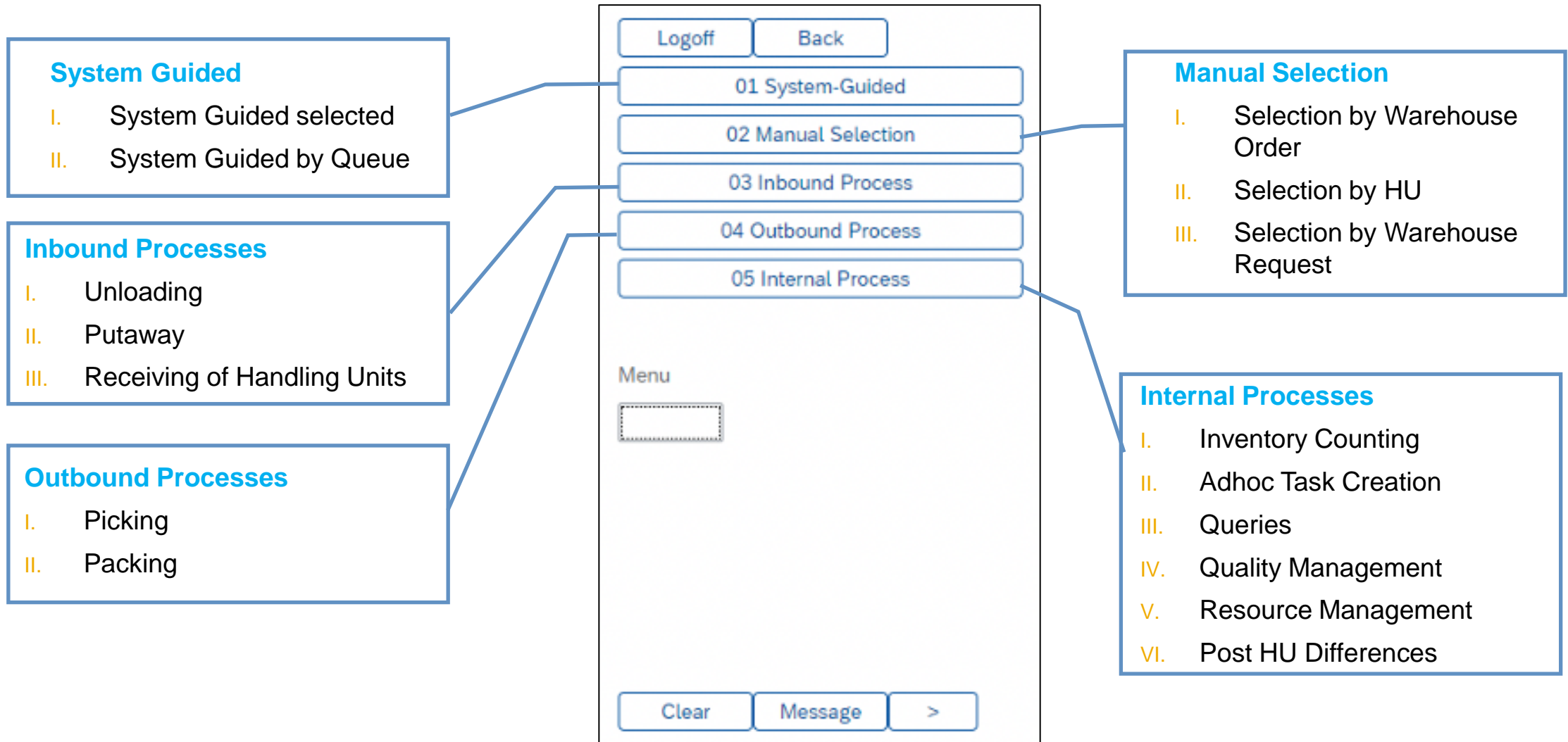
- Logical transactions for main warehouse processes
  - Receiving & Inbound
  - Outbound
  - Queries
  - Counting & inspection
  - Ad-hoc task creation
- Standard menu to cluster transactions by process
- Queues to bundle workload and assign resources
- Verification control to determine scan fields
- Activate, write and delete logs to understand user behaviour
- New and enhanced monitor nodes

The screenshot shows a mobile application interface with a white background and blue borders. At the top, there are two buttons: 'Logoff' and 'Back'. Below these are five large, rounded rectangular buttons stacked vertically, each containing a number and a process name: '01 System-Guided', '02 Manual Selection', '03 Inbound Process', '04 Outbound Process', and '05 Internal Process'. Below these buttons is a section labeled 'Menu' in a small, grey font. Under the 'Menu' label is a dashed rectangular box. At the bottom of the screen, there are three buttons: 'Clear', 'Message', and a right-pointing arrow '>'.

**Business Benefit:** easier use of handheld mobile devices without the need to use additional technology or develop own apps, assign work packages via queues to resources

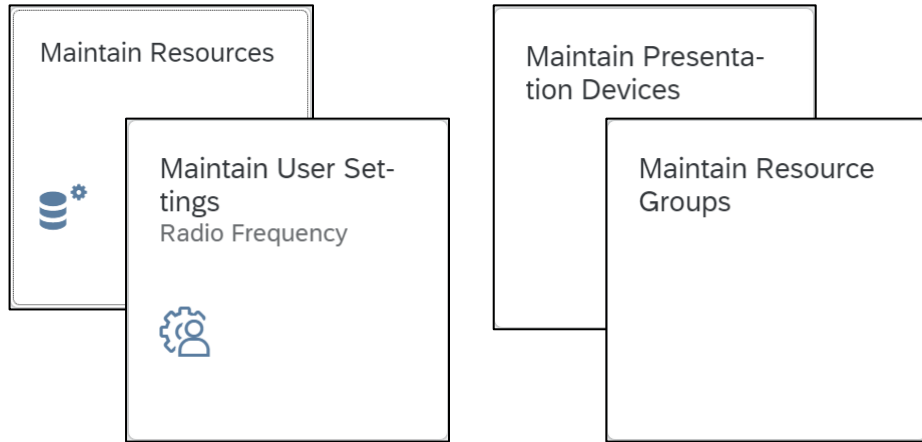
# Scope of Mobile Operations

## Planned logical transactions



# Mobile Warehousing – Options for Customer Specific Configurations

Out-of-the-box functionality for mobile warehousing



## Settings & Master Data

- Maintain Presentation Devices
- Maintain Resource Groups
- Maintain Resource (enhanced)
- Maintain Users
- Maintain Queue type sequences

Step Name	Status	Mandatory	Redo in P System	ID	Actions
1. Define Warehouse-Specific Verification	Open <a href="#">Set Status</a>	Optional	No	104450	<a href="#">Configure</a> <span>▼</span>
2. Define Warehouse-Specific Verification Determination	Open <a href="#">Set Status</a>	Optional	No	104451	<a href="#">Configure</a> <span>▼</span>
3. Control Display of Pick-HU Screen During RF Picking	Open <a href="#">Set Status</a>	Optional	No	104452	<a href="#">Configure</a> <span>▼</span>

## Configuration options

- Verification Control
- Control display of pick HU screen
- Define Resource Types
- Define Queue Types
- Define Queues
- Define Modes



# Example of Processing a Picking Warehouse Task



# Resource Management

## New SSCUIs for resource management

### **New capabilities:**

- Resource management maximizes the efficiency of warehouse processes by:
  - facilitating the management and distribution of work via queues
  - enabling the execution of work by resources in a radio frequency (RF) and non-RF environment
  - optimizing the selection of warehouse orders for resources requesting work
  - enabling effective monitoring and controlling of resources

### **New configuration options:**

- Maintain Queue Sequence for Resource Group
- Maintain Queue Type Sequence
- Maintain Resource Groups
- Maintain Resources
- Maintain users

# Miscellaneous



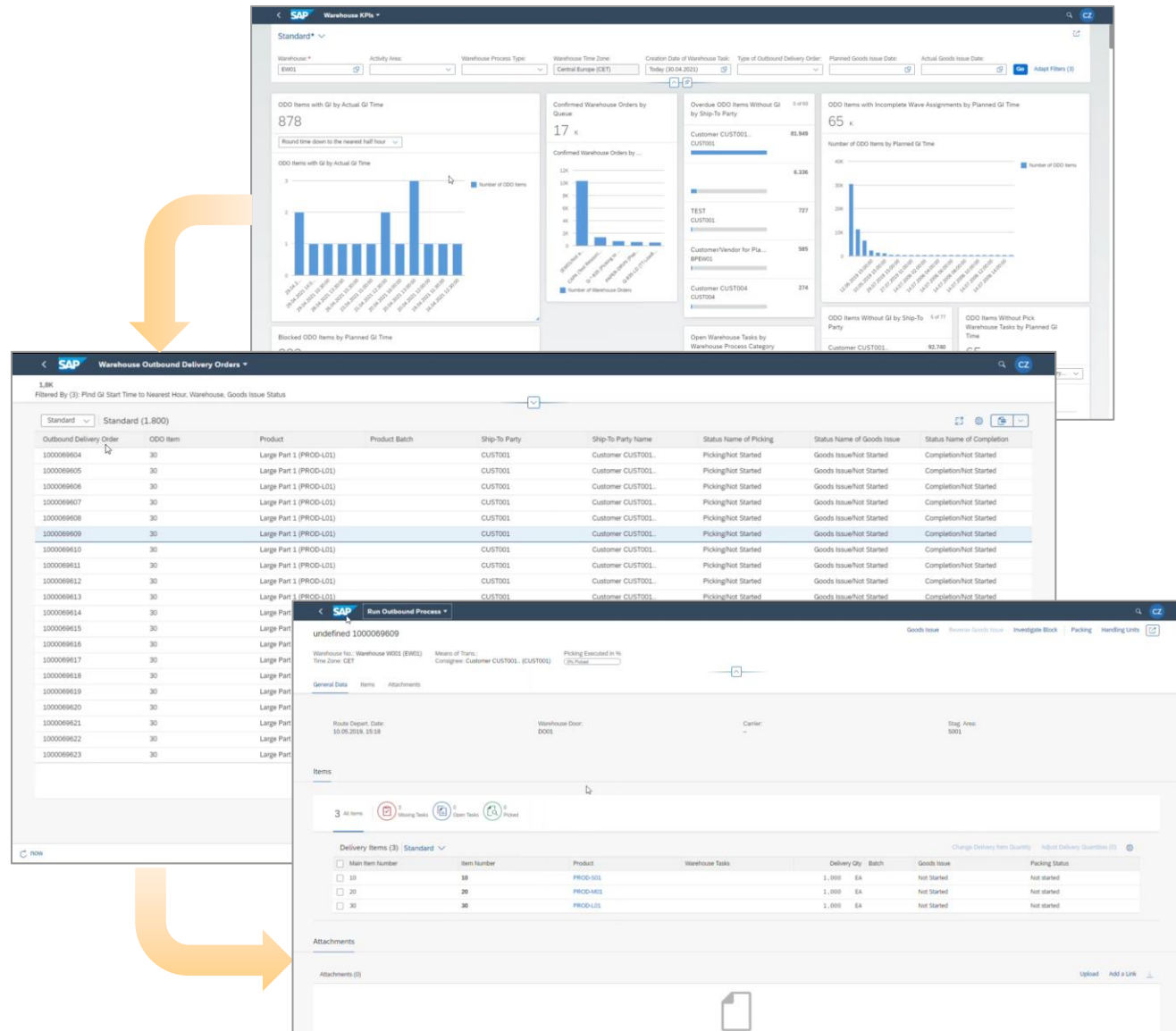
# Navigation from KPI Overview to FIORI app for Processing Outbound Deliveries

## Motivation:

- Identify the single document(s) which is causing the KPI
- Have an easy way to navigate to the document to be able to trigger action

## Planned scope:

- Navigate from the list view of outbound delivery orders to the FIORI apps for processing outbound delivery orders

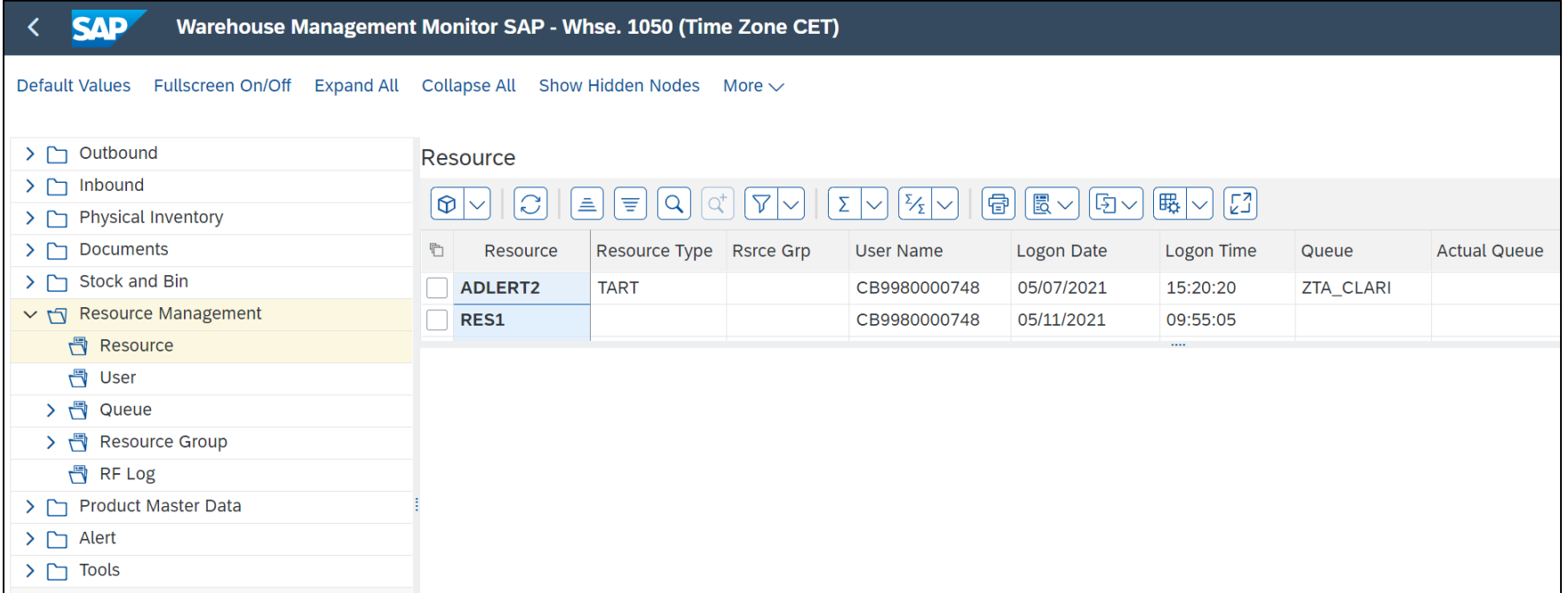


# Warehouse Monitor Enhancements

New and updated nodes and methods in the monitor

## Scope

- New nodes for resource management
- Updated nodes for outbound deliveries, posting changes, alerts, warehouse orders,...



The screenshot displays the SAP Warehouse Management Monitor interface. The title bar reads "Warehouse Management Monitor SAP - Whse. 1050 (Time Zone CET)". Below the title bar, there are navigation links: "Default Values", "Fullscreen On/Off", "Expand All", "Collapse All", "Show Hidden Nodes", and "More". The left sidebar contains a tree view of nodes, with "Resource Management" expanded. The main area shows a table of resources.

Resource	Resource Type	Rsrcr Grp	User Name	Logon Date	Logon Time	Queue	Actual Queue
ADLERT2	TART		CB9980000748	05/07/2021	15:20:20	ZTA_CLARI	
RES1			CB9980000748	05/11/2021	09:55:05		

App Warehouse Monitor



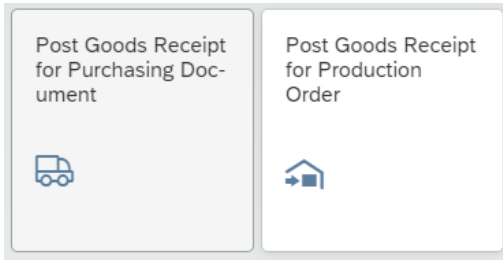
# Synchronous Goods Receipts in Inbound

## Situation as of CE2105

- No packing instruction determination possible depending on the receiving location

Package Builder Profile	Business Partner	Location	Material
Package Instruction	supported	not supported	supported

- Synchronous receipts not supported in the FIORI apps:

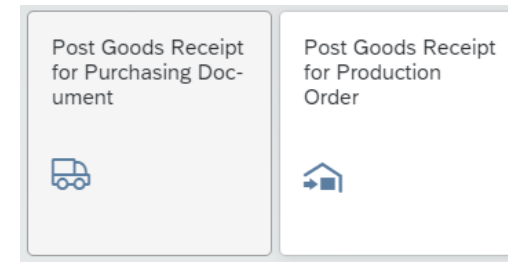


## New with CE2108

- Enable determination of packing instruction based on plant and warehouse

Package Builder Profile	Business Partner	Location	Material
Package Instruction	supported	supported	supported

- Support of reference material and standard HU Type can be used for determinations
- Enable synchronous postings in FIORI apps:
  - Only depending on setup
  - No manual possibility to enter receiving bin
  - No packed receipts



# S/4HANA Cloud Warehouse Management

Official roadmap via [roadmaps.sap.com](https://roadmaps.sap.com)

The screenshot displays the SAP Road Map Explorer interface. At the top, the SAP logo and 'Road Map Explorer' are on the left, while 'Products', 'Processes', 'Industries', 'My Road Maps', and a user profile icon are on the right. A search bar contains 'Warehouse Man...' and shows '16 Innovations'. Below the search bar are filters for 'Products', 'Processes', 'Industries', 'Focus Topics', and 'Suite Qualities'. A 'Current - Latest' button and a 'Save' button are also present.

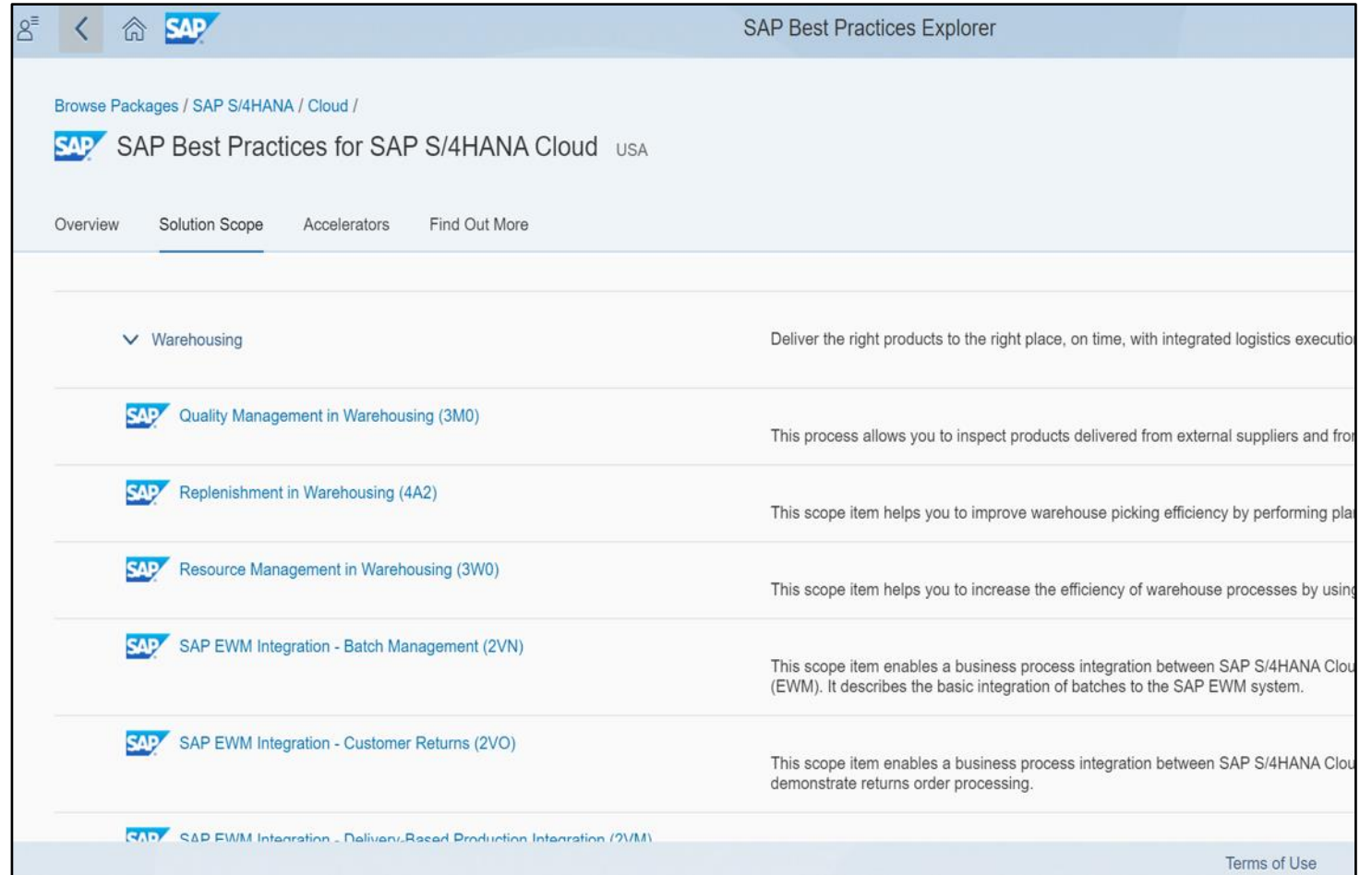
The main content area is divided into three panels for different time periods:

- Q3 2021** (CURRENT, 9 Innovations):
  - Warehouse Management**
    - Ability to manage multiple storage locations within one cloud warehouse... (SAP S/4HANA Cloud)
    - Input serial numbers by number range in the Count Physical Inventory... (SAP S/4HANA Cloud)
    - Mobile warehousing through the radio frequency (RF) framework (SAP S/4HANA Cloud)
    - SAP Fiori app to display physical stock (SAP S/4HANA Cloud)
    - Support for navigation from a warehouse KPI drill-down list to... (SAP S/4HANA Cloud)
    - Enable attachment services for handling units (SAP S/4HANA Cloud)
    - Migration of warehouse stock data with external stock value information (SAP S/4HANA Cloud)
    - New follow-up actions for usage decisions in quality inspections in... (SAP S/4HANA Cloud)
    - SAP Fiori app to display warehouse documents (SAP S/4HANA Cloud)
- Q4 2021** (5 Innovations):
  - Warehouse Management**
    - Analytical CDS views for storage space in warehouse management (SAP S/4HANA Cloud)
    - Field logistics cross-docking (SAP S/4HANA Cloud)
    - Plant maintenance integration for cloud warehouses (SAP S/4HANA Cloud)
    - Enhanced flexibility in cloud warehouse management using BADIs (SAP S/4HANA Cloud)
    - Option to display all attributes of a selected item from the warehouse... (SAP S/4HANA Cloud)
- Q1 2022** (1 Innovation):
  - Warehouse Management**
    - Wave management to control warehouse activities (SAP S/4HANA Cloud)



# Links And Further Information

- [SAP Best Practices Explorer](#) → Solution Scope → Supply Chain → **Warehousing**
- [SAP Best Practices Content Library](#)
- [SAP API Business Hub](#)
- [S/4HANA Cloud Community](#)
- [S/4HANA Cloud Roadmap](#)



SAP Best Practices Explorer > Solution Scope for Warehousing

# Thank you.



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