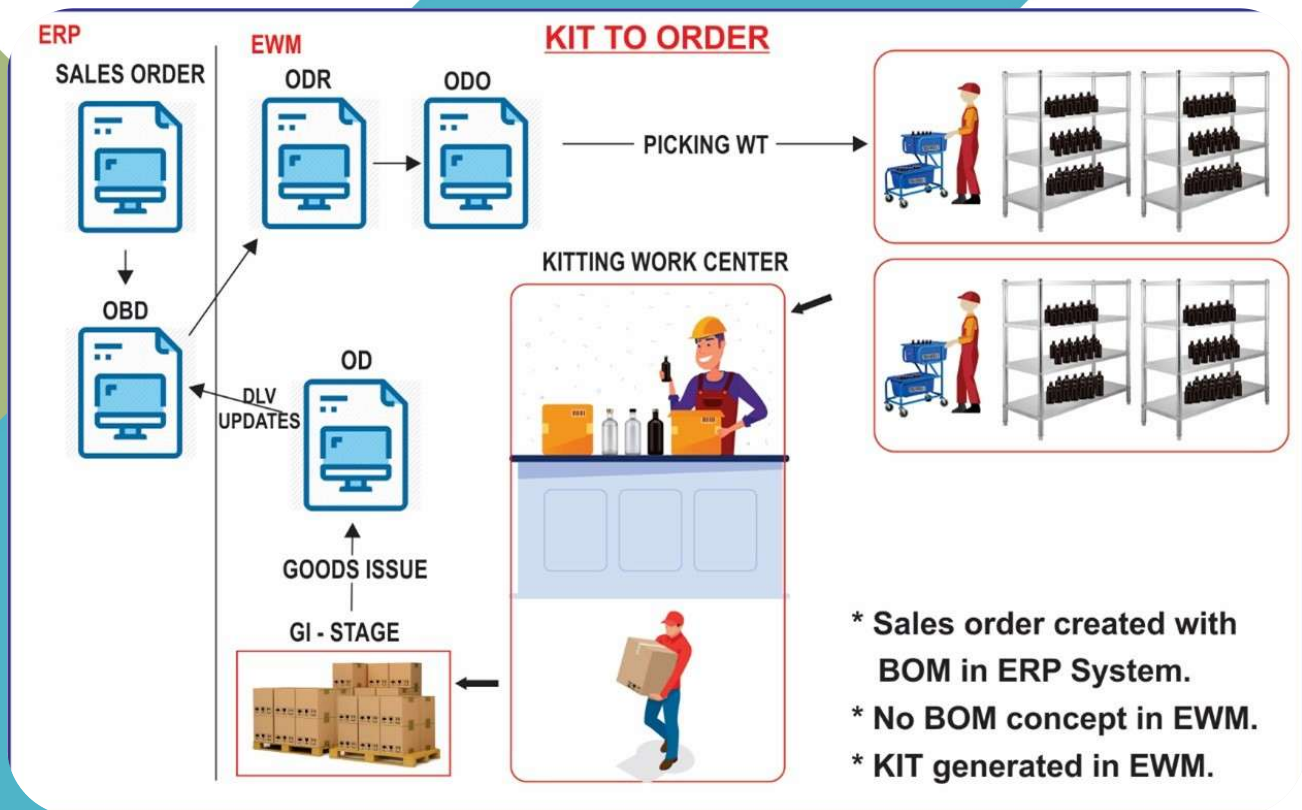


Simplification of Extended Warehouse Management (EWM)

Kit to Order at Work Center with a VAS Order (POSC)



Business Use Case: Kit To Order Electronics Manufacturing Products

An electronics manufacturer receives orders for custom-built computers. Each computer kit consists of various components like a motherboard, CPU, RAM, hard drive, power supply, and casing. The company uses a KIT TO ORDER process with a VAS Work Center to assemble these custom computer kits based on specific customer orders.

Objectives:

- **Streamline Operations:** Automate and integrate the kitting process to improve operational efficiency and reduce manual effort.
- **Increase Flexibility:** Enable the handling of various value-added activities such as labeling, packing, and assembling to meet diverse product requirements.
- **Optimize Resource Utilization:** Efficiently manage resources and labor at the VAS work center to meet production schedules and demand fluctuations.
- **Improve Customer Satisfaction:** Deliver accurate and well-assembled kits to customers, enhancing their overall experience and satisfaction.

Challenges:

- **Complex Configuration:** Setting up the VAS work center and defining warehouse process types can be complex and time-consuming.
- **Process Coordination:** Ensuring seamless coordination between different warehouse tasks and process-oriented storage control (POSC) steps can be challenging.
- **Resource Management:** Efficiently managing resources and labor at the VAS work center to meet production schedules can be difficult.
- **Inventory Management:** Maintaining accurate inventory levels and tracking components used in the kitting process can be challenging.

Benefits:

- **Enhanced Efficiency:** Automating the kitting process and integrating VAS activities can significantly improve operational efficiency.
- **Improved Accuracy:** Reducing manual handling and errors by using automated processes ensures higher accuracy in assembling kits.
- **Flexibility:** The VAS work center allows for various value-added activities like labeling, packing, and assembling, providing flexibility in handling different product requirements.
- **Cost Savings:** Optimizing resource utilization and reducing errors can lead to cost savings in the long run.
- **Customer Satisfaction:** Accurate and well-assembled kits enhance customer satisfaction and build trust in the company's products and services.

1 TABLE OF CONTENTS

1	Pre-Requisites.....	5
1.1	Activate BC Set.....	5
2	Sales and Distribution	6
2.1	Define Item Categories	6
2.2	Assign Item Categories.....	6
3	Logistics Execution.....	7
3.1	Extended Warehouse Management Integration.....	7
3.1.1	Set Goods Receipt Movement Type for Kit Headers	7
3.2	Shipping	7
3.2.1	Define Delivery Item Categories.....	7
3.2.2	Define Item Category Determination in Deliveries.....	7
4	Interfaces	8
4.1	ERP Integration	8
4.1.1	Map Item Types from ERP System to EWM	8
5	Master Data.....	8
5.1	Define Storage Types	8
5.1.1	Components Storage Type	8
5.1.2	Kit to Order Work Center Storage Type	9
5.1.3	Create Bin.....	10
5.2	Activity Areas	10
5.2.1	Generate Activity Area from Storage Type.....	10
5.2.2	Sort Storage Bins	11
5.3	Work Center.....	12
5.3.1	Define Work Center.....	12
5.3.2	Define Master Data Attributes For Work Center.....	12
5.4	Packaging Specification	13
5.4.1	Define Packaging Specification Group.....	13
5.4.2	Maintain Master Data for Packaging Specifications	13
5.4.3	Define Level Type	13
5.4.4	Define Element Type	14
5.4.5	Define Level Set.....	14
5.4.6	Define Work Step Type.....	15
5.4.7	Define Packaging Material Types	15
5.4.8	Assign Packaging Material Type to Element Type	15
5.4.9	Assign Work Step Type to Packaging Material Type.....	16
5.4.10	Packaging Specification for HU creation.....	16
5.4.11	Maintain Level Element Group.....	16
5.4.12	Maintain Packaging Specification	17
6	Goods Issue Process	20
6.1	Outbound Delivery.....	20
6.1.1	Define Item Types for Outbound Delivery Process.....	20
6.2	Strategies	22
6.2.1	Specify Storage Type Search Sequence	22
6.2.2	Assign Storage Types to Storage Type Search Seq.	22
6.2.3	Define Stock Removal Control Indicator.....	23
6.2.4	Determine Storage Type Search Sequence for Stock Removal	23
7	Cross-Process Settings	23
7.1	Warehouse Task - Define Process-Oriented Storage Control	23

7.1.1	External Storage Process Step	23
7.1.2	Storage Process – Definition	24
7.1.3	Assign Storage Process Step	24
7.1.4	Process-Oriented Storage Control.....	24
7.1.5	Define Warehouse Process Type.....	25
7.1.6	Define Control Indicators for Determining Warehouse Process Types	25
7.1.7	Determine Warehouse Process Type	26
7.2	Warehouse Order – Creation Rule	26
7.2.1	Define Creation Rules for Warehouse Orders	26
7.2.2	Define Search Sequence of Creation Rules for Activity Areas	26
7.3	Value-Added Services (VAS)	27
7.3.1	Define Relevance for VAS	27
8	Material Master.....	28
8.1	S4 Hana	28
8.1.1	Component & Header Item:.....	28
8.1.2	BOM Creation.....	29
8.2	EWM	30
8.2.1	Trading Item:	30
8.2.2	Stock Putaway	31
9	Testing	31
9.1	Sales Order.....	31
9.1.1	SO Creation	31
9.1.2	Outbound delivery & distribute to EWM.....	32
9.1.3	Maintain Outbound delivery in EWM.....	32
9.1.4	Check VAS Order Creation.....	33
9.1.5	Warehouse Task.....	34
9.1.6	Create Kit to Order	36
9.1.7	VAS Activity	37
9.1.8	WM – Monitor.....	38

1 PRE-REQUISITES

1.1 ACTIVATE BC SET

Tcode: SCPR20

BC Set: /SPE/KIT_TO_ORDER and /SCWM/DLV_KTO

Business Configuration Sets: Activation

BC Set: **/SPE/KIT_TO_ORDER**

Short Text: Kit-to-Order BC-Set

Business Configuration Sets: Activation

BC Set: **/SCWM/DLV_KTO**

Short Text: Kit to Order

Business Configuration Sets: Activation

C10(1)/400 Enter Variable Field Values

Field	Lang.	BC Set	Conts	Val.
Catch Weight Product				X

2 SALES AND DISTRIBUTION

2.1 DEFINE ITEM CATEGORIES

Sales and Distribution—Sales-- Sales Document Item--Define Item Categories

Change View "Maintain Item Categories": Details

New Entries BC Set: Change Field Values

Item Category: **KITH** **KIT Header - EWM**

Business Data

Item Type	☐	☒ Business Item
Completion Rule	☐	☒ Sched.Line Allowed
Special Stock	☐	☐ Item Relev.for Div
Billing Relevance	A	☐ Returns
Billing Plan Type	☐	☒ Wght/Vol.Relevant
Billing Block	☐	☒ Credit Active
Pricing	X	☒ Determine Cost
Statistical Value	☐	
Revenue Recognition	☐	
Delimit. Start Date	☐	

General Control

☐ Autom.batch determ. ☐ Rounding permitted ☐ Order qty = 1

RBA Control ☐

Transaction Flow

Incompletion Proced. ☐ Screen Seq.Grp **N**

PartnerDetermProced. ☐

TextDetermProcedure ☐ Status Profile

Item Cat.Stats.Group ☐ ☐ Create PO Automatic.

Bill of Material/Configuration

Config. Strategy ☐

Mat. Variant Action ☐ ☐ Variant Matching

ATP material variant ☐

Structure scope **A** Propagate Prof. Sgmt ☐ Create Delivery Group **X**

Application **SD01** ☒ Manual Alternative

☐ Param. effectivities

2.2 ASSIGN ITEM CATEGORIES

Sales and Distribution—Sales-- Sales Document Item--Assign Item Categories

Change View "Assign Item Categories": Overview

New Entries BC Set: Change Field Values

SaTy	ItCGr	Usge	HLevItCa	DfitC	MItCa	MItCa	MItCa
OR	KIT			KITH			
OR	KIT		KITH	COMP			

3 LOGISTICS EXECUTION

3.1 EXTENDED WAREHOUSE MANAGEMENT INTEGRATION

3.1.1 Set Goods Receipt Movement Type for Kit Headers

Logistics Execution-- Extended Warehouse Management Integration-- Outbound Process--Kit to Order-- Set Goods Receipt Movement Type for Kit Headers

Change View "Kit Structure and GR Movement Type": Overview

Kit Structure and GR Movement Type

ItCa	Description	KtO	MTP
KIT	Kit Header	☒	521
KITH	KIT Header - EWM	☒	521

3.2 SHIPPING

3.2.1 Define Delivery Item Categories

Logistics Execution—Shipping—Deliveries-- Define Delivery Item Categories

Change View "Delivery Item Categories": Details

New Entries BC Set: Change Field Values

Item Category: KITH KIT Header - EWM
Document Category: Delivery

Material/Statistics
☒ Material Quantity 0 ItemCat. Stat. Group
Stock Determination Rule

Quantity
Quantity 0 A Display warning message Do Not Check Availability ☒
Minimum Quantity A Display warning message Rounding ☐
Overdelivery A Display warning message

Warehouse Control and Packing
☒ Relevant for Picking Packing Control ☐
☒ Storage Location Required ☐ Pack acc. batch items
☒ Determine Storage Location
☐ Do Not Check Storage Location
☒ Do Not Check Batch ☐ Automatic Batch Determination

3.2.2 Define Item Category Determination in Deliveries

Logistics Execution—Shipping—Deliveries-- Define Item Category Determination in Deliveries

Change View "Delivery item category determination": Overview

New Entries BC Set: Change Field Values

Delivery item category determination

DIVT	ITCG	Usge	ItmC	ItmC	MitC	MitC	MitC	MitC	MitC	MitC	MitC
LF	KIT			KITH							
LF	KIT		KITH	KOMP							

4 INTERFACES

4.1 ERP INTEGRATION

4.1.1 Map Item Types from ERP System to EWM

SMG—SCM EWM—EWM—Interfaces-- ERP Integration-- Delivery Processing-- Map Item Types from ERP System to EWM

Change View "Mapping of ERP Item Type": Overview

New Entries BC Set: Change Field Values

Mapping of ERP Item Type

Business	DocT...	ItemToERP	Doc...	Diff.A...	CW Product	Item Type
	LF	COMP			☐	OKC
	LF	KIT			☒	OKM
	LF	KITH			☐	OKM
	LF	KOMP			☒	OKC

5 MASTER DATA

5.1 DEFINE STORAGE TYPES

5.1.1 Components Storage Type

SIMG--SCM-EWM—EWM--Master Data-- Define Storage Types

Change View "Define Storage Types": Details

New Entries BC Set: Change Field Values

Warehouse No. K001 EWM7065

Storage Type KT01 Kit to Order - Components

General

Storage Type Role	☐	Storage Behavior	☐
Level of Avail. Qty		Avail. Qty: Batches	☐
HU Requirement	☐	Hazard.Sub.Mgmt	☐
Max. No. Bins	☐	Qty Classific.	☐
Chk Max. No. Bins	☐	External Step	☐
Use Fixed Bins	☐	Don't Explode Prod.	☐
Fixed Bins Mode	☐	Default Distance	M
Don't Assign Fixed Bin Automatically	☐	Storage Type Level	☐
No Capacity Update	☐	Multi-Depth	☐
		ACS Control	☐

Putaway Control

Confirm Putaway	☒	ID Point Active	☐
HU Type Check	☐	Don't Put Away HUs	☐
Stor.Ctrl/Put.Compl.	☒	Check Max. Quantity	☐
Putaway Rules	4	Delete Stock Identification	☒
Addn.Stock Forbidden	☐	SrchRule EmptyBin	☐
Stor. Section Check	Y	Level: Add. to Stock	H
Split During Putaway	☐	Capacity Check	☐
Threshld Addition	☐	Early Can. Check	☐

Stock Removal Control	
Confirm Removal	☒
Stock on Resource	☐
Negative Stock	☒
HU Picking Ctrl	☐
Pick Pnt Active	☐
Use for Rough Bin Determination	☐
Stock Removal Rule	
Round to Whole Units	☐

Goods Movement Control	
Availability Group	002
Non-Dep. Stock Type	☐
Post.Change Bin	☐
Mandatory	☐
No Goods Issue	☒
Stock Type Role	☐
Auto Post Consignment to Own Stock	☐

5.1.2 Kit to Order Work Center Storage Type

SIMG--SCM-EWM—EWM--Master Data-- Define Storage Types

Change View "Define Storage Types": Details

New Entries BC Set: Change Field Values

Warehouse No. K001 EWM7065

Storage Type KT03 Work Center for Kit to Order with VAS

General

Storage Type Role	E	Storage Behavior	☐
Level of Avail. Qty	☐	Avail. Qty: Batches	☐
HU Requirement	☐	Hazard.Sub.Mgmt	☐
Max. No. Bins		Qty Classific.	☐
Chk Max. No. Bins	☐	External Step	
Use Fixed Bins	☐	Don't Explode Prod.	☐
Fixed Bins Mode	☐	Default Distance	M
Don't Assign Fixed Bin Automatically	☐	Storage Type Level	☐
No Capacity Update	☐	Multi-Depth	☐
		ACS Control	☐

Putaway Control

Confirm Putaway	☒	ID Point Active	☐
HU Type Check	☐	Don't Put Away HUs	☐
Stor.Ctrl/Put.Compl.	☐	Check Max. Quantity	☐
Putaway Rules	4	Delete Stock Identification	☐
Addn.Stock Forbidden	☐	SrchRule EmptyBin	☐
Stor. Section Check	☐	Level: Add. to Stock	☐
Split During Putaway	☐	Capacity Check	4
Thrshld Addition		Early Cap. Check	☐
Ptwy Stor. Ctrl	☐	Put. Qty Class.	☐
WT Generic	☐	Rounding After Split	☐
Automatic WT Creation at GR	☐	No Mxed Stk Tv	☐
Mixed Storage	☐		

Stock Removal Control

Confirm Removal	☐	Pick Pnt Active	☐
Stock on Resource	☐	Use for Rough Bin Determination	☐
Negative Stock	☐	Stock Removal Rule	
HU Picking Ctrl	☐	Round to Whole Units	☐

Goods Movement Control

Availability Group		Mandatory	☐
Non-Dep. Stock Type	☐	No Goods Issue	☐
Post.Change Bin	☐	Stock Type Role	☐
		Auto Post Consignment to Own Stock	☐

5.1.3 Create Bin

Tcode - /N/SCWM/LS01

Display Storage Bin

Warehouse No. K001 EWM7065
Storage Bin KT01-01

Storage Type KT01 Kit to Order - Components
Verification KT01-01
PbV Verification KT01-01

Display Storage Bin

Warehouse No. K001 EWM7065
Storage Bin KT03-01

Storage Type KT03 Work Center for Kit to Order with VAS
Verification KT03-01
PbV Verification KT03-01

5.2 ACTIVITY AREAS

5.2.1 Generate Activity Area from Storage Type

SIMG--SCM EWM—EWM--Master Data-- Activity Areas--Generate Activity Area from Storage Type

/SCWM/R_AREA_LGTYP_CREATE

Warehouse Number K001
Storage Type KT03
Activity

Change View "Define Activity Areas": Overview

New Entries BC Set: Change Field Values

W...	Acty Area	Description	Joined
K001	KT01	Gen. Activity Area for Storage Type KT01	☐
K001	KT02	Gen. Activity Area for Storage Type KT02	☐
K001	KT03	Gen. Activity Area for Storage Type KT03	☐
K001	WT02		☐

5.2.2 Sort Storage Bins

Tcode - /N/SCWM/SBST

Sort Storage Bins



Warehouse Number

K001

Activity Area

KTO3



Activity

Display Results of Bin Sorting



WhN	Storage Bin	Activity	Seq. No.	Acty Area	Ty.	Sec.	Sort Seq.
K001	KTO3-01	CLSP	1	KTO3	KTO3		1
K001	KTO3-01	INTL	1	KTO3	KTO3		1
K001	KTO3-01	INVE	1	KTO3	KTO3		1
K001	KTO3-01	NOLM	1	KTO3	KTO3		1
K001	KTO3-01	PICK	1	KTO3	KTO3		1
K001	KTO3-01	PTWY	1	KTO3	KTO3		1
K001	KTO3-01	REPL	1	KTO3	KTO3		1
K001	KTO3-01	STCH	1	KTO3	KTO3		1

Display Results of Bin Sorting



WhN	Storage Bin	Activity	Seq. No.	Acty Area	Ty.	Sec.	Sort Seq.
K001	KTO1-01	CLSP	1	KTO1	KTO1		1
K001	KTO1-01	INTL	1	KTO1	KTO1		1
K001	KTO1-01	INVE	1	KTO1	KTO1		1
K001	KTO1-01	NOLM	1	KTO1	KTO1		1
K001	KTO1-01	PICK	1	KTO1	KTO1		1
K001	KTO1-01	PTWY	1	KTO1	KTO1		1
K001	KTO1-01	REPL	1	KTO1	KTO1		1
K001	KTO1-01	STCH	1	KTO1	KTO1		1

5.3 WORK CENTER

5.3.1 Define Work Center

SIMG--SCM EWM—EWM--Master Data-- Work Center-- Define Work Center

Change View "Define Work Center": Details

New Entries

Warehouse No. K001

Work Center KTO3

Define Work Center

Description Work Center for Kit to Order (VAS)

External Step KTO1

Storage Type KTO3

Inbound Section

Outbnd Section

Repack WPT 3040

Work Center Layout KITO

RF:HU Ready f. Input ☒

PrintDetermProc

Ret. Process

Return St. Ty.

Ret. Stor. Sec.

WPT HU from PP

Activity

Plan Act.Area

Save Action ☒

Exclusive Lock ☐

Check Consol. Grp No Check

Check Stop on Route No Check

Repack Activ. WTs Repacking Active WT Not Allowed

Meas. CW Qty Poss.

5.3.2 Define Master Data Attributes For Work Center

Tcode - /N/SCWM/TWORKST

Change View "Work Center: Define Master Data Attributes": Overview

Warehouse No. K001

Wrk Center	Description	Storage Bin	Terminal N
KTO3	Kit Creation with VAS (Kit to Order)	KTO3-01	
QINC	Quality Inspection Work Center	8020-01-01	
SCRIP	Repack for Scrapping		

5.4 PACKAGING SPECIFICATION

5.4.1 Define Packaging Specification Group

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Define Packaging Specification Group

Change View "Pack. Spec.: Group of Spec. Writers": Overview

New Entries

PS Group	Description	N.	Level Set	Activation
K001	K001 Packspec Group	01	K001LS	☒
K002	K001 KTO PSG Box Packing	01	K001LS1	☒

5.4.2 Maintain Master Data for Packaging Specifications

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Maintain Master Data for Packaging Specifications

Change View "Maintain Level Sets - master data": Overview

Maintain Level Sets - master data

Level Set	Cond. Record PS ID	Description
K001LS		K001 Level Set 3L
K001LS1	1000021	K001 Level Set 1L
KITTING		

5.4.3 Define Level Type

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Maintain Structure of Packaging Specification-- Define Level Type

Change View "Level Type Definition": Details

New Entries

Level Type: K1L2

Level Type Definition	
Description	K001 Level 2 (Carton_Box)
Level Quantity	available for input
Performing Ent.	not relevant
Qty Classific.	☐
HU Type	K1CB
HU Crea.	☒
External Step	☐
Deletion not allow.	☒
Rounding-Relevant	☐
Kitting	☐
Icon	@000@

5.4.4 Define Element Type

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Maintain Structure of Packaging Specification-- Define Element Type

Change View "Element Type Definition": Overview

New Entries

ET	HU Rel.	D	Icon
AUX	2 Auxiliary Packaging Material	☐	
KET1	2 Auxiliary Packaging Mater...	☒	@01@
KET2	1 Main Packaging Material	☒	@01@
KET3	1 Main Packaging Material	☒	@01@
PACK	1 Main Packaging Material	☐	

5.4.5 Define Level Set

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Maintain Structure of Packaging Specification-- Define Level Set

Change View "Level Set": Overview

New Entries BC Set: Change Field Values

Level Set	Description	Def. Cont.	CCtC
K001LS	K001 Level Set 3L	1	0IBD
K001LS1	K001 Level Set 1L	1	0VSO
KITTING			0VSO

Change View "Assign Level Types": Overview

New Entries BC Set: Change Field Values

Level Set: K001LS1
Description: K001 Level Set 1L

LT	Sequence No.	Description
K1L2	1	K001 Level 2 (Carton_Box)

Change View "Assign Element Types": Overview

New Entries BC Set: Change Field Values

Level Set: K001LS1
Level Type: K1L2
Description: K001 Level 2 (Carton_Box)

ET	Sequence No.	Description
KET2	1	01 ET Carton Box

5.4.6 Define Work Step Type

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Maintain Structure of Packaging Specification--Define Work Step Type

Change View "Customizing: Work Step Type"

New Entries

W...	Description
K1W1	Wrapping Product
K1W2	Tape the Carton Box
K1W3	Pallet load
K1W4	Work Step for KTO
WSAP	SAP Default Workstep Type

5.4.7 Define Packaging Material Types

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Maintain Structure of Packaging Specification--Define Packaging Material Types

Change View "Packaging Material Types": Overview

New Entries BC Set: Change Field Values

Pkgi...	Description	PMCat	T
K01C	K001 Carton Box	C Packaging Materials	
K01P	K001 Pallet	C Packaging Materials	

5.4.8 Assign Packaging Material Type to Element Type

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Maintain Structure of Packaging Specification--Assign Packaging Material Type to Element Type

Change View "Assign Packaging Material Type to Level Ele..": Overview

New Entries

ET	Description	Pkgi...	Description
KET2	K001 ET Carton Box	K01C	K001 Carton Box
KET3	K001 ET Pallet	K01P	K001 Pallet

5.4.9 Assign Work Step Type to Packaging Material Type

SIMG--SCM EWM—EWM--Master Data-- Packaging Specification-- Maintain Structure of Packaging Specification--Assign Work Step Type to Packaging Material Type

Change View "Assign Work Step Type to Packaging Material..": Overview

New Entries

Assign Work Step Type to Packaging Material Type

Pkg...	Description	W...	Description
K01C	K001 Carton Box	K1W4	Work Step for KTO

5.4.10 Packaging Specification for HU creation

Tcode - /N/SCWM/PSWORKSTEP

Workstep Overview

Show [] Find WS01 Work Step [] Open Advanced Search

Work Step	WST	Prio	P	Crt'd on	Created by	Changed on	Changed by	Log.System	Description	Work Step Type	Description	T	D	No. in EG
3000000	K1...	3		17.01.20...	KETAN			C10CLNT4...	Load Pallet	Pallet load				1
3000001	K1...	2		17.01.20...	KETAN			C10CLNT4...	Tape the...	Tape the Carton Box				1
3000002	K1...	1		17.01.20...	KETAN			C10CLNT4...	Wrappin...	Wrapping Product				1
3000010	K...	1		02.02.20...	KETAN			C10CLNT4...	WS for K...	Work Step for KTO				2

Attributes Text Documents Extras

Work Step 3000010 WS for KTO Box Packing

WSType K1W4 Work Step for KTO

Priority 1

No. Used in EG 2

Docs Exist [] Print Long Text []

Administrative Data

Created by KETAN Created on 02.02.2025

Changed by [] Changed on []

Logical system C10CLNT400

5.4.11 Maintain Level Element Group

Tcode - /N/SCWM/PSEG

Element Groups Overview

Show [] Find ELEMENTGROUP Eleme... 2000030 []

Elem. Group	RU	Crt'd on	Created by	Changed on	Changed by	Log.System	Description	Used in PS
2000030		02.02.20...	KETAN			C10CLNT4...	EG for K...	0

Element Group Assigned Elements Where-used List

Elem. Group 2000030 EG for KTO Box Packing

Re-Usable Element Group ☒

Used in PS 0

Element Group Assigned Elements Where-used List

Elements of Group 2000030

ET	Pack. Material	Work Step	HU R...	Description	Pack. Mat. Description	Description	Name	PDF
KET2	K1_CB_SMALL	3000010	1	WS for KTO Box Packing	K1 Corrugated Box (Small)	K001 ET Carton Box		

5.4.12 Maintain Packaging Specification

Tcode - /N/SCWM/PACKSPEC

Packaging Specification Overview

Show Find PACKSPEC Packaging Sp...

Packaging Specification	Status-Icon	Description	PS Group	PS Status	Det. Product	Act. at	Change nr	Activated by	Level Set	Up.Lmt D.Q	Low
1000010		Packagin...	K001	A	54	22.01.20...	1	KETAN	K001LS	0,000	
1000021		PS 1 Lev...	K002	A	531000011	08.02.20...	1	KETAN	K001LS1	0,000	

Change Packaging Specification 1000021 PS 1 Level for Kit to Order (VA)

Change/Display Delete HU Check Preview Calculate Weight/Volume

Packspec/Level/Elements Product

- 1000021
 - Content
 - Product 531000011
 - K001 Level 2 (Carton_Box)
 - K001 ET Carton Box K1_CB_SMA

Packaging Specification

Pack. Spec. 1000021 PS Status I Inactive Change nr 2

Description PS 1 Level for Kit to Order (VAS)

Determination Org. Data Rounding Documents Add. Data

Header Item Details 0

Item Area

CCTC	Product	To	PS	CSeq	Log. Cnd.	Valid From	Valid to Date
0VSO	531000011	113	1000021	1		01.01.2025	31.12.9999
0VSO							

Determination Org. Data Rounding Documents Add. Data

Pack. Spec. Group K002 K001 KTO PSG Box Packing

Level Set K001LS1 K001 Level Set 1L

Created by KETAN Created on 02.02.2025

Changed by KETAN Changed on 08.02.2025

Activated by Activated at

Logical system C10CLNT400

Change Packaging Specification 1000021 PS 1 Level for Kit to Order (VA)

Change/Display Delete HU Check Preview Calculate Weight/Volume

Packspec/Level/Elements	Product
1000021	
Content	
Product	531000011
K001 Level 2 (Carton_Box)	
K001 ET Carton Box	K1_CB_SMA

Packaging Specification	
Pack. Spec.	1000021 PS Status I Inactive Change nr 2
Description	PS 1 Level for Kit to Order (VAS)

Content	
Cont. Seq. No.	1 Ref. Mix Allowed Batch Mix Allowed
Product	531000011 EWM7065-TG2-Kit to Stock - Header
Quantity	1 EA
Base-Qty	1 EA

Change Packaging Specification 1000021 PS 1 Level for Kit to Order (VA)

Change/Display Delete HU Check Preview Calculate Weight/Volume

Packspec/Level/Elements	Product
1000021	
Content	
Product	531000011
K001 Level 2 (Carton_Box)	
K001 ET Carton Box	K1_CB_SMA

Packaging Specification	
Pack. Spec.	1000021 PS Status I Inactive Change nr 2
Description	PS 1 Level for Kit to Order (VAS)

Level	
Level Type	K1L2 K001 Level 2 (Carton_Box) Level Seq. No. 1 HU Creation
Target Qty	1 Total Qty 1 EA
Min. Qty	1 Layer Qty No. of Layers 0

Assigned Elements	Weight, Vol. & Dim.	Warehouse	Rounding	Text	Add. Data												
<table border="1"> <thead> <tr> <th colspan="2">Element Group</th> </tr> </thead> <tbody> <tr> <td>Create</td> <td>Assign Copy</td> </tr> <tr> <td>Elem. Group</td> <td>2000030 EG for KTO Box Packing</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">Elements of Group 2000030</th> </tr> </thead> <tbody> <tr> <td>ET Packaging Material</td> <td>Work Step HU R... Description Packaging Material Description Description Form Name</td> </tr> <tr> <td>K1_CB_SMALL</td> <td>3000010 1 WS for K... K1 Corrugated Box (Small) K001 ET ...</td> </tr> </tbody> </table>						Element Group		Create	Assign Copy	Elem. Group	2000030 EG for KTO Box Packing	Elements of Group 2000030		ET Packaging Material	Work Step HU R... Description Packaging Material Description Description Form Name	K1_CB_SMALL	3000010 1 WS for K... K1 Corrugated Box (Small) K001 ET ...
Element Group																	
Create	Assign Copy																
Elem. Group	2000030 EG for KTO Box Packing																
Elements of Group 2000030																	
ET Packaging Material	Work Step HU R... Description Packaging Material Description Description Form Name																
K1_CB_SMALL	3000010 1 WS for K... K1 Corrugated Box (Small) K001 ET ...																

Assigned Elements	Weight, Vol. & Dim.	Warehouse	Rounding	Text	Add. Data										
<table border="1"> <tbody> <tr> <td>Performing Ent.</td> <td>not relevant</td> </tr> <tr> <td>Qty Classific.</td> <td></td> </tr> <tr> <td>HU Type</td> <td>K1CB K001 Carton_Box</td> </tr> <tr> <td>Operative UoM</td> <td>EA</td> </tr> <tr> <td>External Step</td> <td>KT01</td> </tr> </tbody> </table>						Performing Ent.	not relevant	Qty Classific.		HU Type	K1CB K001 Carton_Box	Operative UoM	EA	External Step	KT01
Performing Ent.	not relevant														
Qty Classific.															
HU Type	K1CB K001 Carton_Box														
Operative UoM	EA														
External Step	KT01														

Transform Your Career With

SAPGPT Experts

SAP MM | SAP EWM | SAP PP

OUR SERVICES

- ☐ ONLINE TRAINING
- ☐ REMOTE SERVER ACCESS
- ☐ RESUME PREPARATION
- ☐ INTERVIEW PREPARATION

FREE
DEMO

 REGISTER NOW

M: +91 9921007204

Email: sapgptexperts.com

SAPGPT Experts 🏠

Don't miss this opportunity to fast-track your career and stay ahead in today's competitive job market! 🚀 📁

6 GOODS ISSUE PROCESS

6.1 OUTBOUND DELIVERY

6.1.1 Define Item Types for Outbound Delivery Process

SIMG--SCM EWM –EWM-Goods Issue Process— Outbound Delivery-- Define Item Types for Outbound Delivery Process

Change View "Outbound Delivery Process Item Types": Overview

New Entries BC Set: Change Field Values Check

Item Type	Doc. Cat.	Item Cat.	Description	StatuPrf.	Text Prof.	FldCtrlPrf	QtyOffsPrf	Inc.Prof.	PartProf.	Date Prof.	RefDocProf	P
OKC	FDO	DLV	Assembly Component Item	/SCDL/OUT...	/SCDL/OUT...	/SCDL/OUT...		/SCDL/OUT...			/SCWM/OUT...	
OKC	ODR	DLV	Assembly Component...	/SCDL/OUT...	/SCDL/OUT...	/SCDL/OUT...		/SCDL/OUT...	/SCWM/OUT...	/SCWM/OUT...	/SCWM/OUT...	
OKC	PDO	DLV	Assembly Component...	/SCDL/OUT...	/SCDL/OUT...	/SCDL/OUT...	/SCWM/OUT...	/SCDL/OUT...	/SCWM/OUT...	/SCWM/OUT...	/SCWM/OUT...	
OKM	FDO	DLV	Assembly Header It...	/SCDL/OUT...	/SCDL/OUT...	/SCDL/OUT...		/SCDL/OUT...			/SCWM/OUT...	
OKM	ODR	DLV	Assembly Header It...	/SCDL/OUT...	/SCDL/OUT...	/SCDL/OUT...		/SCDL/OUT...	/SCWM/OUT...	/SCWM/OUT...	/SCWM/OUT...	
OKM	PDO	DLV	Assembly Header It...	/SCDL/OUT...	/SCDL/OUT...	/SCDL/OUT...	/SCWM/OUT...	/SCDL/OUT...	/SCWM/OUT...	/SCWM/OUT...	/SCWM/OUT...	

Change View "Outbound Delivery Process Item Types": Details

New Entries BC Set: Change Field Values Check

Item Type: OKC
Doc. Categ.: FDO Outbound Delivery

Outbound Delivery Process Item Types

Item Category: DLV Standard Delivery Item
Description: Assembly Component Item

Profile

Status Profile	/SCDL/OUT_FD_DLV_STANDARD
Qty. Offset Prf	
FldContProf	/SCDL/OUT_FD_DLV_STANDARD
Incompl. Prof.	/SCDL/OUT_FD_DLV_STANDARD
Text Profile	
RefDocCat Prof	/SCWM/OUT_PRD_DLV
Partner Profile	
Date Profile	
Proc.Code Prof.	
Process Profile	/SCWM/OUT_FD_DLV

Change View "Outbound Delivery Process Item Types": Details

New Entries BC Set: Change Field Values Check

Item Type: OKC
Doc. Categ.: ODR Outbound Delivery Request

Outbound Delivery Process Item Types

Item Category: DLV Standard Delivery Item
Description: Assembly Component Item

Profile

Status Profile	/SCDL/OUT_REQ_DLV_STANDARD
Qty. Offset Prf	
FldContProf	/SCDL/OUT_REQ_DLV_STANDARD
Incompl. Prof.	/SCDL/OUT_REQ_DLV_STANDARD
Text Profile	/SCDL/OUT_REQ_DLV
RefDocCat Prof	/SCWM/OUT_REQ_DLV
Partner Profile	/SCWM/OUT_REQ_DLV
Date Profile	/SCWM/OUT_REQ_DLV
Proc.Code Prof.	
Process Profile	/SCWM/OUT_REQ_DLV

Change View "Outbound Delivery Process Item Types": Details

New Entries BC Set: Change Field Values

Item Type
Doc. Categ. Outbound Delivery Order

Outbound Delivery Process Item Types

Item Category Standard Delivery Item
Description

Profile

Status Profile	/SCDL/OUT_PRD_DLV_STANDARD
Qty. Offset Prf	/SCWM/OUT_PRD_DLV
FldContProf	/SCDL/OUT_PRD_DLV_STANDARD
Incompl. Prof.	/SCDL/OUT_PRD_DLV_STANDARD
Text Profile	/SCDL/OUT_PRD_DLV
RefDocCat Prof	/SCWM/OUT_PRD_DLV
Partner Profile	/SCWM/OUT_PRD_DLV
Date Profile	/SCWM/OUT_PRD_DLV
Proc.Code Prof.	/SCWM/OUT_PRD_DLV
Process Profile	/SCWM/OUT_PRD_DLV

Change View "Outbound Delivery Process Item Types": Details

New Entries BC Set: Change Field Values

Item Type
Doc. Categ. Outbound Delivery

Outbound Delivery Process Item Types

Item Category Standard Delivery Item
Description

Profile

Status Profile	/SCDL/OUT_FD_DLV_STANDARD
Qty. Offset Prf	
FldContProf	/SCDL/OUT_FD_DLV_STANDARD
Incompl. Prof.	/SCDL/OUT_FD_DLV_STANDARD
Text Profile	
RefDocCat Prof	/SCWM/OUT_PRD_DLV
Partner Profile	
Date Profile	
Proc.Code Prof.	
Process Profile	/SCWM/OUT_FD_DLV

Change View "Outbound Delivery Process Item Types": Details

New Entries BC Set: Change Field Values

Item Type
Doc. Categ. Outbound Delivery Request

Outbound Delivery Process Item Types

Item Category Standard Delivery Item
Description

Profile

Status Profile	/SCDL/OUT_REQ_DLV_STANDARD
Qty. Offset Prf	
FldContProf	/SCDL/OUT_REQ_DLV_STANDARD
Incompl. Prof.	/SCDL/OUT_REQ_DLV_STANDARD
Text Profile	/SCDL/OUT_REQ_DLV
RefDocCat Prof	/SCWM/OUT_REQ_DLV
Partner Profile	/SCWM/OUT_REQ_DLV
Date Profile	/SCWM/OUT_REQ_DLV_KTO
Proc.Code Prof.	
Process Profile	/SCWM/OUT_REQ_DLV

Change View "Outbound Delivery Process Item Types": Details

New Entries | BC Set: Change Field Values | Check

Item Type: OKM
Doc. Categ.: PDD Outbound Delivery Order

Outbound Delivery Process Item Types

Item Category	DLV Standard Delivery Item
Description	Assembly Header Item

Profile

Status Profile	/SCDL/OUT_PRD_DLV_KTO
Qty. Offset Prf	/SCWM/OUT_PRD_DLV_KTO
FldContProf	/SCDL/OUT_PRD_DLV_STANDARD
Incompl. Prof.	/SCDL/OUT_PRD_DLV_STANDARD
Text Profile	/SCDL/OUT_PRD_DLV
RefDocCat Prof	/SCWM/OUT_PRD_DLV
Partner Profile	/SCWM/OUT_PRD_DLV
Date Profile	/SCWM/OUT_PRD_DLV_KTO
Proc.Code Prof.	/SCWM/OUT_PRD_DLV
Process Profile	/SCWM/OUT_PRD_DLV

6.2 STRATEGIES

6.2.1 Specify Storage Type Search Sequence

SIMG--SCM EWM –EWM-Goods Issue Process— Strategies--Specify Storage Type Search Sequence

Change View "Define Storage Type Search Sequence": Overview

New Entries | Define Storage Type Search Sequence

Dialog Structure

- Define Storage Type Search Sequence
 - Assign Storage Types to Storage Type Search Sequence

Define Storage Type Search Sequence

War...	Stor...	Description
K001	KTO3	STSS for (VAS) Kit to Order
K001	OFTC	Flow-Through Recipient-Driven
K001	OFTP	Flow-Through Product-Driven

As we are placing component stock in KTO1 and KTO2 storage type

6.2.2 Assign Storage Types to Storage Type Search Seq.

SIMG--SCM EWM –EWM-Goods Issue Process— Strategies--Specify Storage Type Search Sequence-- Assign Storage Types to Storage Type Search Seq.

Change View "Assign Storage Types to Storage Type Search..": Overview

New Entries | Assign Storage Types to Storage Type Search Seq.

Dialog Structure

- Define Storage Type Search Sequence
 - Assign Storage Types to Storage Type Search Sequence

Warehouse No. K001

Sequence KTO3 STSS for (VAS) Kit to Order

Assign Storage Types to Storage Type Search Seq.

Sequence No.	Storage Type	StTypeGrp	TU
1	KTO1		☐
2	KTO2		☐

6.2.3 Define Stock Removal Control Indicator

SIMG--SCM EWM –EWM-Goods Issue Process— Strategies--Define Stock Removal Control Indicator

Change View "Stock Removal Control Indicator": Overview		
New Entries		
Stock Removal Control Indicator		
War...	Rmvl	Description
K001	0030	SRCI for Storage Type 0030
K001	KTO3	SRCI for Storage Type KTO3
K001	0ETC	Flow-Through Recipient-Driven

6.2.4 Determine Storage Type Search Sequence for Stock Removal

SIMG--SCM EWM –EWM-Goods Issue Process— Strategies--Determine Storage Type Search Sequence for Stock Removal

Change View "Determine Storage Type Search Sequence: Sto..": Overview										
New Entries										
Determine Storage Type Search Sequence: Stock Removal										
War...	2	Rmvl	Whs...	Q	Stock...	Type	Use	Ha...	HazRat2	Stor...
K001			KTO3	KTO3						KTO3 FIFO

7 CROSS-PROCESS SETTINGS

7.1 WAREHOUSE TASK - DEFINE PROCESS-ORIENTED STORAGE CONTROL

7.1.1 External Storage Process Step

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Task--Define Process-Oriented Storage Control-- External Storage Process Step

Change View "External Storage Process Step": Overview				
New Entries				
BC Set: Change Field Values				
Dialog Structure				
External Storage Process Step				
External Step	Description	Int. Process Step	Direction	
KTO1	Kit to Order	VAS	2 Putaway; St	
OB01	Pick	PICK	5 Stock Remov	
OB02	Pack	PAC	2 Putaway; St	

7.1.2 Storage Process – Definition

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Task--Define Process-Oriented Storage Control-- Storage Process – Definition

Change View "Storage Process - Definition": Overview

New Entries

Dialog Structure

- External Storage Process Step
- Process-Oriented Storage Control
- Storage Process - Definition**
- Assign Storage Process Step
- External Storage Process: Control

War...	Storage Process	Description	Direction
K001	KT03	Kit to Order Work Center with VAS Order	1 Stock Remov
K001	MDCD	Merchandise Distr. Cross-Docking Putaway	Putaway
K001	OFTC	Flow-Through Recipient-Driven Picking	1 Stock Remov

7.1.3 Assign Storage Process Step

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Task--Define Process-Oriented Storage Control-- Assign Storage Process Step

Change View "Assign Storage Process Step": Overview

New Entries

Dialog Structure

- External Storage Process Step
- Process-Oriented Storage Control
- Storage Process - Definition
- Assign Storage Process Step**
- External Storage Process: Control

Warehouse No. K001

Storage Process KT03

Sequence Number	Step	A...	Prod/...	Duration	Unit
1	OB01	☒	☐		
2	KT01	☒	☐		
3	OB03	☒	☐		
4	OB04	☐	☐		

7.1.4 Process-Oriented Storage Control

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Task--Define Process-Oriented Storage Control-- Process-Oriented Storage Control

Change View "Process-Oriented Storage Control": Overview

New Entries

Dialog Structure

- External Storage Process Step
- Process-Oriented Storage Control**
- Storage Process - Definition
- Assign Storage Process Step
- External Storage Process: Control

War...	External Step	Sour...	HU Gr	Whse Process Type	Dest...	Dest...	Destination Bin
K001	KT01			3070	KT03		KT03-01
K001	OB02			3070			
K001	OB03			3070			
K001	OB03	KT03		3070	9020		GI-ZONE

7.1.5 Define Warehouse Process Type

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Task--Define Warehouse Process Type

Change View "Warehouse Process Type": Details

New Entries

Warehouse No. K001 Whse Proc. Type KT03 **PTSR Kit to Order at WC with VAS**

Warehouse Process Type

General Settings

Whse Proc. Category	2	Manual WT Forbidden	☒
Activity	PICK	Confirm Immediately	☐
Priority		Propose Confirmation	☐
Pick Denial Ctrl		No Automatic Replenishment	☐
Action f. Pick Den.		Skip Process Block Profile	☐
WO Rule	KT03	Val. Qty Input Req.	☐
WOCR Activity Area		Negative Stock	☐
Print Determin. Procedure		Preallocated Stock Allowed	☐
Stock ID Control	C		
Rounding After Split			

Control for Putaway/Stock Removal

Process Type Grp Stk Rem.	☐	Source Stor.Ty.	
Process Type Group Putawy	☐	Source Bin	
Round Whole Units	☐	Dest.Stor.Type	9020
Automatic WT Creation at GR	☐	Destination Bin	GI - ZONE
Block ST for JIT Call at Bin Denial	☐	Control f. HU Pick	☐
		Order Reduction Allowed	☐

7.1.6 Define Control Indicators for Determining Warehouse Process Types

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Task--Define Control Indicators for Determining Warehouse Process Types

Change View "Define Control Indicators for Determining WPT": Overview

New Entries

Define Control Indicators for Determining WPT

W...	ProTypeDet	Description
K001	DC	CI For Process Type POSC ZDEC-DECO
K001	KT	CI for PT KTO3 Kit to Order at WC (VAS)
K001	ME	CI For Process Type POSC INB2

7.1.7 Determine Warehouse Process Type

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Task--Determine Warehouse Process Type

Change View "Determination of Warehouse Process Type": Overview

New Entries

W...	Doc...	Ite...	Del.Prio.	ProTypeDet	Process Ind.	Pr...
K001	OUTB		0	KT	No Special ...	KT03
K001	SREA		0		No Special ...	3020

7.2 WAREHOUSE ORDER – CREATION RULE

7.2.1 Define Creation Rules for Warehouse Orders

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Order--Define Creation Rules for Warehouse Orders

Change View "Warehouse Order Creation Rules": Details

New Entries BC Set: Change Field Values

Warehouse No. K001
WO Creatn Rule KT03

Warehouse Order Creation Rules

Description WOCR - VAS Kit to Order

WO Creation Cat A Consolidation Group

Item Filter

Subtotal Filter

Limit

Inbound Sorting

WO Sorting

Packing Profile

Ship.Pack.Prof.

Prep.Time

Time Unit MIN

Dest. Stor. Ty.

Dest. Section

Destination Bin

Storage Process KT03

Determine WkCtr

WO Locked

CAP Compatibility

7.2.2 Define Search Sequence of Creation Rules for Activity Areas

SIMG--SCM EWM –EWM-Cross-Process Settings- Warehouse Order--Define Search Sequence of Creation Rules for Activity Areas

Change View "Define Search Sequence of Creation Rules fo..": Overview

New Entries

W...	Acty Area	Activity	Sequence No.	WO Cr. Rle	Description
K001	0020		1	PU01	Putaway
K001	0050		1	PU01	Putaway
K001	KT01	PICK	1	KT03	WO CR - VAS Kit to Order
K001	KT02	PICK	1	KT03	WO CR - VAS Kit to Order

7.3 VALUE-ADDED SERVICES (VAS)

7.3.1 Define Relevance for VAS

SIMG—SCM EWM—EWM-- Cross-Process Settings-- Value-Added Services (VAS)--Define Relevance for VAS

Change View "Control: Creating VAS and Existence Check o..": Details

New Entries      

Warehouse No.

Doc. Cat

Document Type

Item Type

Product Group

Control: Creating VAS and Existence Check of Packaging Spec.

Pack.Spec.Proc. 

VAS Order

PS Exist. Check

Partner Role

Date/Time Type

8 MATERIAL MASTER

8.1 S4 HANA

Tcode MM01

8.1.1 Component & Header Item:

Change Material 531000012 (Trading Goods STD)

Additional Data Org. Levels Check Screen Data

Sales: sales org. 1 **Sales: sales org. 2** Sales: General/Plant Ext. SPP Basic ...

Material 531000012

Descr. **EWM7065-TG2-KTO-Component1-CPU**

Sales Org. 7065 EWM7065

Distr. Chl P1 SAPSuccess Pune

Grouping terms

Matl statistics grp	☐	Material Price Grp	☐
Volume Rebate Group	☐	Acct Assmt Grp Mat.	☐
Gen. item cat. grp	KIT	Kit-to-Order	Item Category Group KIT Kit-to-Order
Pricing Ref. Matl			

Change Material 531000013 (Trading Goods STD)

Additional Data Org. Levels Check Screen Data

Sales: sales org. 1 **Sales: sales org. 2** Sales: General/Plant Ext. SPP Basic ...

Material 531000013

Descr. **EWM7065-TG3-KTO-Component2-Monitor**

Sales Org. 7065 EWM7065

Distr. Chl P1 SAPSuccess Pune

Grouping terms

Matl statistics grp	☐	Material Price Grp	☐
Volume Rebate Group	☐	Acct Assmt Grp Mat.	☐
Gen. item cat. grp	KIT	Kit-to-Order	Item Category Group KIT Kit-to-Order
Pricing Ref. Matl			

Change Material 531000011 (Trading Goods STD)

Additional Data Org. Levels Check Screen Data

Sales: sales org. 1 **Sales: sales org. 2** Sales: General/Plant Ext. SPP Basic ...

Material 531000011

Descr. **EWM7065-TG2-Kit to Stock - Header**

Sales Org. 7065 EWM7065

Distr. Chl P1 SAPSuccess Pune

Grouping terms

Matl statistics grp	☐	Material Price Grp	☐
Volume Rebate Group	☐	Acct Assmt Grp Mat.	☐
Gen. item cat. grp	KIT	Kit-to-Order	Item Category Group KIT Kit-to-Order
Pricing Ref. Matl			

8.1.2 BOM Creation

Tcode - CS01

Display material BOM: Initial Screen

Item

Material

Plant EWM7065

BOM Usage Sales and Distribution

Alternative BOM

Validity

Change Number

Valid From

Valid to

Display material BOM: General Item Overview

Subitems | New Entries | Header Details | Validity

Material EWM7065-TG2-Kit to Stock - Header

Plant EWM7065

Alternative BOM

Position Effectivity Initial Screen

Material | Document | General

Item	IC	Component	Component description	Quantity	U...	A...	Sl	Valid From	Valid to
0010	L	531000012	EWM7065-TG2-KTO-Component1-CPU	10	EA	☐	☐	31.01.2025	31.12.9999
0020	L	531000013	EWM7065-TG3-KTO-Component2-Monitor	10	EA	☐	☐	31.01.2025	31.12.9999

Quantities/Long Text | Additional Data | Administration Data | Document Assignment

BOM and Alternative Text

BOM Description

Alternative Text

Quantity Data

Base quantity EA

Validity

Change Number

Valid From

Deletion Indicator ☐

BOM Status

Authorization group

Deletion Flag ☐

8.2 EWM

Tcode /N/SCWM/MAT1

8.2.1 Trading Item:

Warehouse Product Maintenance

Product: 531000012 Base Unit: EA
Product Descrip: EWM7065-TG2-KTO-Component1-CPU
Warehouse No.: K001 EWM7065
Disposal Party: BP7065 7065

Additional GTINs/EANs Classification Pkg Data Storage Whse Data Slotting

General Data
Process Block Prof.
Proc.Type Det. Ind. KT CI for PT KTO3 Kit to Order at WC

Warehouse Product Maintenance

Product: 531000013 Base Unit: EA
Product Descrip: EWM7065-TG3-KTO-Component2-Monitor
Warehouse No.: K001 EWM7065
Disposal Party: BP7065 7065

Additional GTINs/EANs Classification Pkg Data Storage Whse Data Slotting

General Data
Process Block Prof.
Proc.Type Det. Ind. KT CI for PT KTO3 Kit to Order at WC

Warehouse Product Maintenance

Product: 531000011 Base Unit: EA
Product Descrip: EWM7065-TG2-Kit to Stock - Header
Warehouse No.: K001 EWM7065
Disposal Party: BP7065 7065

Additional GTINs/EANs Classification Pkg Data Storage Whse Data Slotting

General Data
Process Block Prof.
Proc.Type Det. Ind. KT CI for PT KTO3 Kit to Order at WC

Stock Removal
Stock Removal Control KT03 SRCI for Storage Type KT03 Fix. ☐
Planned Stock Removal ID
Stk Determin. Group
Two-Step Picking

8.2.2 Stock Putaway

Tcode - /N/SCWM/MON

Warehouse Management Monitor SAP - Whse. K001 (Time Zone INDIA)

Show Hidden Nodes

- Outbound
- Inbound
- Physical Inventory
- Documents
- Stock and Bin
 - Physical Stock
 - Available Stock
 - Handling Unit
 - Fixed Bin Assignment
- Storage Bin
 - Storage Bin Sorting
 - Fixed Bin Overview
 - Physical Stock
 - Available Stock
 - Physical Stock
 - Serial Number
- Stock Overview
- BBD/SLED Overview
- Stock Not In Pref. UoM
- Resource
- Handling Unit
- Transport Unit (Stock View)
- Serial Number On Whse Level
- Yard Management
- Kit Components
- Preallocated Stock
- Resource Management
- Product Master Data
- Alert

Physical Stock

Ly.	Bin	Log.Pos	Handling Unit	Product	Product Short Description	Quant.	Bun S1	Description of Stock Type	Batc
KTO1	KTO1-01			531000012	EWM7065-TG2-KTO-Component1-CPU	370	EA F2	Unrestricted-Use Warehouse	
KTO1	KTO1-01			531000013	EWM7065-TG3-KTO-Component2-Monitor	370	EA F2	Unrestricted-Use Warehouse	
KTO3	KTO3-01	24		531000012	EWM7065-TG2-KTO-Component1-CPU	10	EA F2	Unrestricted-Use Warehouse	
KTO3	KTO3-01	24		531000013	EWM7065-TG3-KTO-Component2-Monitor	10	EA F2	Unrestricted-Use Warehouse	

C10(2)/400 /SCWM/SAPLSTOCK_OVERVIEW_MON

Storage Bin

Storage Type	Storage Bin	Storage Section	Storage Bin Type	Storage Bin Aisle	Storage Bin Stack	Storage Bin Level	Bin Section	Bin Depth	Supply Area

Stock Attributes

Product	Stock Type	Owner
531000012		
531000013		

9 TESTING

9.1 SALES ORDER

9.1.1 SO Creation

T-code – VA01

Create Standard order: Overview

Standard order: Net Value: 1.000,00 INR

Sold-to Party: 41 Company Amazon, New Delhi, 110089, India

Ship-to Party: 41 Company Amazon, New Delhi, 110089, India

Cust. Reference: KIT TO ORDER Test Cust. Ref. Date:

Sales Item Overview Item detail Ordering party Procurement Shipping Reason for rejection

Req. Deliv.Date: D 24.01.2025 Deliver.Plant:

Complete Div.: ☐ Total Weight: 1.000 KG

Delivery Block: 01 Credit limit Volume: 0,000

Billing Block: Pricing Date: 24.01.2025

Pyt Terms: TM01

Inco. Version:

Incoterms: CFR

Inco. Location1: Pune

Group:

All Items

Item	Material	Req. Segment	ItCa	HL Itm	D First Date	Pint	Batch	Cn Ty	Amount	Crcy	Net Price	Per
10	531000011		KLTH	0D	24.01.2025	7065		PR00	100,00	INR	100,00	1
11	531000012		COMP	10D	24.01.2025	7065		PR00		INR	0,00	1
12	531000013		COMP	10D	24.01.2025	7065		PR00		INR	0,00	1

9.1.2 Outbound delivery & distribute to EWM

T-code – VL01N

Outbound Delivery 80000057 Display: Overview

Post Goods Issue Display JIT Calls

Outbound Deliv. **80000057** Document Date **08.02.2025**
Ship-to Party **41** Company Amazon, New Delhi, 110089, India

Item Overview **Picking** Loading Shipment Status Overview Goods Movement Data

Pick Date/Time **03.02.2025 00:00** INDIA OvrllPickStatus ☐ Not Relvnt for Pick. Adv. SR Relevance ☐ Not Relevant
Warehouse No. **K01 EWM7065** WM Activity Sts ☐ No WM Trnsf Ord Req'd Warehouse Execution ☐ Not Relevant

All Items

Itm	Material	Plnt	SLoc	Req. Segment	Deliv. Qty	Un	Picked Qty	S...	Batch	B..	P
10	531000011	7065	AFS1		1	EA	0	EA			
20	531000012	7065	AFS1		10	EA	0	EA			
30	531000013	7065	AFS1		10	EA	0	EA			

9.1.3 Maintain Outbound delivery in EWM

Tcode /N/SCWM/PRDO

Maintain Outb. Deliv. Order - Warehouse No. K001 (Time Zone INDIA)

Outbound Delivery Order Outbound Delivery

Show Find **REFDOCNO_ERP_I Logis... 80000057** Open Advanced Search

TransPI Transit Procedure Load Goods Issue

Mode	Blocked	Document	Manually	Doc. Cat.	Descr.	Doc. Type	Desc.	Whse No.	Ship. Off.	Whse Door	Loading Pt	Picking	PackStatus	Load
		3100000000030			Outbound Delivery Order	Outbound Delivery Order		K001	K001			Not Started	Not started	Not

Items Status Dates/Times Locations Partner Reference Documents Addnl Quantities Texts HU Transportation...

Subitem Delivery Group Outbound Delivery Process Codes GTS Selection

Mode	Blocked	Item	Manually	Level	Del. Group	Item Cat.	Descr.	Item Type	Description	Doc. No.	Product	Ext. Prod.	Prod. Entd	Description
		10				Standard Delivery Item	Assembly Header Item			531000011	531000011	531000011	EWM7065-TG2-	
		20		+		Standard Delivery Item	Assembly Component Item			531000012	531000012	531000012	EWM7065-TG2-	
		30		+		Standard Delivery Item	Assembly Component Item			531000013	531000013	531000013	EWM7065-TG3-	

Maintain Outb. Deliv. Order - Warehouse No. K001 (Time Zone INDIA)

Item Overview	Delive...	Item Category	Item Type	Product	Batch	Quantity	U.	F
3100000000030		Standard Delivery Item	Assembly Header Item	000000000531000011		1.000	EA	K..
10		Standard Delivery Item	Assembly Header Item	000000000531000011		1.000	EA	K..
20		Standard Delivery Item	Assembly Component It...	000000000531000012		10.000	EA	K..
30		Standard Delivery Item	Assembly Component It...	000000000531000013		10.000	EA	K..

9.1.4 Check VAS Order Creation

Outbound Delivery Order Edit Goto Environment Settings System Help

Maintain Outb. Deliv. Order - Warehouse No. K001 (Time Zone INDIA)

Outbound Delivery Order Outbound Delivery

Show Find REFDOCNO_ERP_I Logis... 80000057 Open Advanced Search

TransPI Transit Procedure Load Goods Issue

Mode	Blocked	Document	Manually	Doc. Cat.	Descr.	Doc. Type	Desc.	Whse N...	Ship. Off.	Whse D...
		3100000000030		Outbound Delivery Order	Outbound Delivery Order	K001	K001			

- Display Warehouse Tasks
- Display Warehouse Documents
- Display Change Documents
- Display Loaded HUs (Without WT)
- Display Order for Value-Added Service
- Display Phys. Inventory Doc.

** As we have maintained condition record in packaging specification hence VAS order is automatically getting created

Maintain VAS - Warehouse Number K001 -

Inbound Process Outbound Process Kit to Stock Reverse Kitting Internal Process

Show Find VAS_ID Value-Added Se... Open Advanced Search

Display Packag. Specific. Display Warehouse Req.

VAS	Mode	Status	Pack. Spec.	Created By	Effort	Created On	Created At	Changed By	Changed On	Changed At	Perf. Ent.	Order Type	Plan. End Date	PL End Time
1013		A	1000021	KETAN		08.02.2025	07:59:06	KETAN	08.02.2025	07:59:07			06.02.2025	19:59:06

Activities PPF Actions

VAS Work Center

Seq. No.	Product	Desc. Step	Compl. Qty	Reqd Q...	Unit	Status	Wrk Center	Step	KittingA...	Effort	Corr. Fx	Durati...	Time Unit	Product Short Descr
1	K1_CB_SMALL	Kit to Order	0	1	EA	A	KTO3	KTO1				0	MIN	K1 Corrugated Box (

Items Auxiliary Products Workload

Items Auxiliary Products Workload

Display Warehouse Req.

Seq. No.	Product	Reqd Q...	Compl. Qty	Open SQ	Conf. SQ	Unit	Doc. Reference	DocRef.Itm	Product Short Description	Disposal	Owner
1	531000012	10	0	10	0	EA	3100000000030	20	EWM7065-TG2-KTO-Component1-CPU	BP7065	BP7065
2	531000013	10	0	10	0	EA	3100000000030	30	EWM7065-TG3-KTO-Component2-Monitor	BP7065	BP7065

9.1.5 Warehouse Task

The screenshot shows the SAP 'Outbound Delivery Order' interface. The 'Follow-On Functions' menu is open, and the 'Warehouse Task' option is highlighted with a red box. The 'Warehouse Task' submenu is also visible, showing 'Load' (Ctrl+F2) and 'Pack' (Ctrl+F3) options. The 'Warehouse Task' option is also highlighted with a red box. The 'Find' field contains 'REFDOCNO_ERP_I Logis...' and '80000032'. The 'Open Advanced Search' button is visible. The table below shows the document details:

Mode Blocked Document	Manually Doc. Cat. Descr.	Doc. Type Desc.	Whse No.	Ship. Off.	Whse Door	Loading Pt	Picking	PackStatus	Load
310000000011	Outbound Delivery Order	Outbound Delivery Order	K001	K001			Not Started	Not started	Not

Click on create and save

The screenshot shows the 'Create Warehouse Task - Whse. K001 (Time Zone INDIA) - Stock Removal' dialog box. The 'Warehouse Request' tab is active. The 'Create + Save' button is highlighted with a red box and a red circle. The 'Create' button is also highlighted with a red box and a red circle. The 'Delete' button is highlighted with a red box and a red circle. The table below shows the warehouse request details:

Status	Whse Req.	Item	Proc. Type	Reqd Q...	Unit	Req. Qty	BU	OpenQtyBU	BU	OpenQtyA...	AUn	Product	Product Short Description
	310000000030	20	KT03	10	EA	10	EA	0	EA	0	EA	531000012	EWM7065-TG2-KTO-Component1-CPL
	310000000030	30	KT03	10	EA	10	EA	0	EA	0	EA	531000013	EWM7065-TG3-KTO-Component2-Mor

The 'Warehouse Task' tab is also visible. The 'Default Values' sub-tab is active. The 'Source Bin' field is highlighted with a red box and a red circle. The 'Source Bin' field contains 'KT01' and 'KT01-01'. The 'Dest.St. Type Group' field is also visible.

Once you click on SAVE 2 WT will get created

The screenshot shows the SAP message box with the text '2 warehouse tasks created' and 'Message No. /SCWM/L3522'.

Click on WT--Confirm

The screenshot illustrates the process of confirming a warehouse task and creating a handling unit (HU) in SAP. The top section shows the 'Warehouse Task' menu with 'Confirm' highlighted. The middle section shows the 'Confirm Warehouse Task in Whse. K001 (Time Zone INDIA)' dialog with a table of tasks. The bottom section shows the 'Pick-HU' dialog with fields for HU creation.

Warehouse Task Confirmation:

- Menu: Warehouse Task > Confirm (Ctrl+F3)
- Dialog: Confirm Warehouse Task in Whse. K001 (Time Zone INDIA)
- Table of Tasks:

Mode	Whse Ord...	WO Status	Archive	ES	Inventory	LM Active	Processor	Resource	Q	St...	Start Time	Fixed	Conf.	Conf.	Conf. By Wa...	Acty Ar...
	4000565	Open									00:00:00			00:00:00		KTO1

Handling Unit (HU) Creation:

- Tab: Pick-HU
- Buttons: Create (3), HU No. Generated (circled in red)
- Fields (2):

Field	Value
HU Ident.	1
Handling Unit	2000000357
Storage Bin	KTO3-01
Resource	
Pack. Material	K1_CB_SMALL
Pkging Matl Ty.	K01C K001 Carton Box
HU Type	K1CB K001 Carton_Box

Confirm Warehouse Task in Whse. K001 (Time Zone INDIA)

Show Find WHO Warehouse Order Open Advanced Search

Confirm + Save Confirm Confirm in Foreground Cancel Start WO Process WTs f. Non-SAP Syst

Mode	Whse Ord	WO Status	Archive	ES	Inventory	LM	Active	Processor	Resource	Q	St...	Start Time	Fixed	Conf.	Conf.	Conf. By Wa...	Acty Ar
	4000565	Confirmed									08...	09:16:45		08...	09:16:45	KETAN	KTO1

Product WT HU WT Pick-HU

Confirm Confirm in Foreground Cancel Split Request Zero Stock Check Create Correct the Confirmation

Mode	Warehouse Task	Item	WT Status	C	SN	Proc. Type	S.	ES	Acty Ar...	PI Planned	PI Done	CR	Product	Batch	Doc. Batch	Type	Sec
	9000582	1	Confirmed	2		KT03			KTO1				531000012			KT03	
	9000583	1	Confirmed	2		KT03			KTO1				531000013			KT03	

9.1.6 Create Kit to Order

Tcode - /N/SCWM/VAEXEC

Work Center: Confirmation for VAS Order

Organizational Data

Warehouse Number K001

Work Center KT03

Filter

VAS Order to

Status of VAS Order A to C

Storage Bin to

Handling Unit to

Consolidation Group to

Document Category

Warehouse Request 310000000030 to

Work Center Kit Creation with VAS (Kit to Order) (Time Zone INDIA)

Create HU Repack HU Repack Product Change HU VAS Header VAS Activ...

Section/Bin/HU/Item

- KT03-01
 - 2000000357
 - EWM7065-TG2-KTO-Component1-CPU
 - EWM7065-TG3-KTO-Component2-Monitor
 - 2000000358

HU 1

Pack. Material K1_CB_SMALL

HU/Storage Bin KT03-01

Cons.Grp

Number of HUs 1

Execute

Once you click on execute it will generate New HU

1. Select the component 1 & 2 and drag them into New HU
2. Click on Generate Kit Button
3. It will New Kit i.e. Header Material which is combination of Component Material as per BOM

Work Center Kit Creation with VAS (Kit to Order) (Time Zone INDIA)

Section/Bin/HU/Item

KTO3-01

2000000357 K1_C

2000000358 K1_C

EWM7065-TG2-Kit to Stock - Header 3310

EWM7065-TG2-KTO-Component1 3310

EWM7065-TG3-KTO-Component2 3310

HU

Pack. Material

HU/Storage Bin KTO3-01

Cons.Grp

Number of HUs 1

Execute

9.1.7 VAS Activity

Work Center Kit Creation with VAS (Kit to Order) (Time Zone INDIA)

Section/Bin/HU/Item

KTO3-01

2000000357 K1_C

2000000358 K1_C

EWM7065-TG2-Kit to Stock - Header 3310

EWM7065-TG2-KTO-Component1 3310

EWM7065-TG3-KTO-Component2 3310

VAS

Whse Req. Qty 0,000

VAS Status

Completed Qty

Execute

Capacity Detail 1 Detail 2 Content Open WTs, From Confirmed WTs, From

Weight

Tare Weight KG

Maximum Weight KG

Loading Weight

Total Weight

Tare Wt Var. ExWghtTol. %

Volume

Tare Volume CD3

Maximum Volume CD3

Loading Volume

Total Volume

Closed Pack. Ex.vol.tol. %

Enter VAS Activity Details

Work Center Kit Creation with VAS (Kit to Order) (Time Zone INDIA)

Section/Bin/HU/Item

KTO3-01

2000000357 K1_C

2000000358 K1_C

EWM7065-TG2-Kit to Stock - Header 3310

EWM7065-TG2-KTO-Component1 3310

EWM7065-TG3-KTO-Component2 3310

VAS

Whse Req. Qty 0,000

VAS Status

Completed Qty

Execute

Capacity Detail 1 Detail 2 Content Open WTs, From Confirmed WTs, From

Weight

Tare Weight KG

Maximum Weight KG

Loading Weight

Total Weight

Tare Wt Var. ExWghtTol. %

Volume

Tare Volume CD3

Maximum Volume CD3

Loading Volume

Total Volume

Closed Pack. Ex.vol.tol. %

When you set complete process for HU and SAVE it will generate new Warehouse Order for Stock Removal.

Work Center Kit Creation with VAS (Kit to Order) (Time Zone INDIA)

Section/Bin/HU/Item P...

- KTO3-01
 - 2000000357 K1_C
 - 2000000358 K1_C
 - 9000586 3

EWM7065-TG2-Kit to Stock - Header 5310
 EWM7065-TG2-KTO-Component1 5310
 EWM7065-TG3-KTO-Component2 5310

VAS: 1013 Activity: 1
 Whse Req. Qty: 1 EA K1_CB_SMALL
 VAS Status: C
 Completed Qty: 1

Execute

When you set complete process for HU and SAVE it will generate new Warehouse Order for Stock Removal.

9.1.8 WM – Monitor

T-code /N/SCWM/MON-Outbound-ODO

Warehouse Management Monitor SAP - Whse. K001 (Time Zone INDIA)

Show Hidden Nodes

Outbound

- Documents
 - Planned Shipping Handling
 - Wave
 - Outbound Delivery Order
 - Proof of Delivery

C10(2)/400 /SCWM/SAPLWIP_DELIVERY_OUT

Header Data

Outb. Delivery Order: 310000000030 to

Document Type: to

Blocked Document

Blocked Document	Doc. Type	Doc. Type Desc.	Manually	Vehicle	TU	Carrier	Ship. Off.	To	Ship-ToLoc F.	Ship-To	No. of Itms	No. of HUs	No. Prod.	No. Attn
3100000000030	OUTB	Outbound Delivery Order				K001	113				3	1	3	0

Warehouse Task

WT Item	HU	WT	Proc. Type	C	Whse Process Category Desc.	Activity	Stor Proc.	Step	Status	Created By	Created On	Created At	Conf. By	Confirm. Date	C
9000582	1	KT03	2		Stock Removal	PICK	KT03	OB01	C	KETAN	08.02.2025	08:42:09	KETAN	08.02.2025	0
9000583	1	KT03	2		Stock Removal	PICK	KT03	OB01	C	KETAN	08.02.2025	08:42:09	KETAN	08.02.2025	0
9000584	1	3040	3		Internal Warehouse Movement	INTL			C	KETAN	08.02.2025	09:30:17	KETAN	08.02.2025	0
9000585	1	3040	3		Internal Warehouse Movement	INTL			C	KETAN	08.02.2025	09:30:17	KETAN	08.02.2025	0
9000586	X	3070	2		Stock Removal	PICK	KT03	OB03		KETAN	08.02.2025	09:41:08			0

Inbound	
Physical Inventory	
Documents	
Stock and Bin	
Storage Bin	
Physical Stock	
Available Stock	
Handling Unit	
Fixed Bin Assignment	
Storage Bin Sorting	
Fixed Bin Overview	
Physical Stock	
Available Stock	
Physical Stock	

Warel	Simulate WO Creation	Access Category Desc.	Activity	Stor Proc.	Step	Status	Created By	Created On	Created At	Conf. By	Confirm. Date	Con
9000	Display WT Log	moval	PICK	KTO3	OB01	C	KETAN	08.02.2025	08:42:09	KETAN	08.02.2025	09:
9000	Split WT from WO	moval	PICK	KTO3	OB01	C	KETAN	08.02.2025	08:42:09	KETAN	08.02.2025	09:
9000	Unassign WT from WO	Warehouse Movement	INTL			C	KETAN	08.02.2025	09:30:17	KETAN	08.02.2025	09:
9000	Assign WT to WO	Warehouse Movement	INTL			C	KETAN	08.02.2025	09:30:17	KETAN	08.02.2025	09:
9000	Confirm WT in Foreground	moval	PICK	KTO3	OB03		KETAN	08.02.2025	09:41:08			00:
	Confirm WT in Background											
	Cancel WT											
	Show Exceptions											

C10(2)/400 Display logs

Message Text

Warehouse task 9000586 is to be confirmed

Warehouse task 9000586 was confirmed

Technical Information

Perform PGI Tcode /N/SCWM/PRDO

Maintain Outb. Deliv. Order - Warehouse No. K001 (Time Zone INDIA)

Outbound Delivery Order Outbound Delivery

Show Find DOCNO_ODO Outbound...

TransPI Transit Procedure Load Goods Issue

Mode Blocked	Document	Manually	Doc. Cat. Descr.	Doc. Type Desc.	Whse No.	Ship. Off.	Whse Door	Loading P	Picking	PackStatus	Loading
	3100000000030		Outbound Delivery Order	Outbound Delivery Order	K001	K001			Completed	Completed	Not St

Goods issue posted in OBD

Outbound Delivery 80000057 Display: Overview

Post Goods Issue Display JIT Calls

Outbound Deliv. 80000057 Document Date 08.02.2025

Ship-to Party 41 Company Amazon, New Delhi, 110089, India

Item Overview Picking Loading Shipment Status Overview Goods Movement Data

Overall Status - Delivery

Delivery	OPS	PS	WM	C	GM	BS	IBS	TS	OvCS	POD S...	In Plant	DTUC
80000057		C			C	A						

Transform Your Career With

SAPGPT Experts

SAP MM | SAP EWM | SAP PP

OUR SERVICES

- ☐ ONLINE TRAINING
- ☐ REMOTE SERVER ACCESS
- ☐ RESUME PREPARATION
- ☐ INTERVIEW PREPARATION

FREE
DEMO

 REGISTER NOW

M: +91 9921007204

Email: sapgptexperts.com

SAPGPT Experts 🏠

Don't miss this opportunity to fast-track your career and stay ahead in today's competitive job market! 🚀 📁