

SAP S/4HANA
September 2018
English

Warehouse Structure [Local] (BLR)

Building Block Configuration Guide

SAP SE
Dietmar-Hopp-Allee 16
69190 Walldorf
Germany

Copyright

© 2016 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. Please see <http://global.sap.com/corporate-en/legal/copyright/index.epx#trademark> for additional trademark information and notices.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP SE or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP SE or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

Revision	Change Date	Description
0		

Only add a revision when corrections are made to a published document. Do not change the original published date. Set back to revision 0 after a full upgrade of the BB.

Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Typographic Conventions

Type Style	Description
<i>Example text</i>	Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. Cross-references to other documentation.
Example text	Emphasized words or phrases in body text, titles of graphics and tables.
EXAMPLE TEXT	Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.
Example text	Screen output. This includes file and directory names and their paths, messages, source code, names of variables and parameters as well as names of installation, upgrade and database tools.
EXAMPLE TEXT	Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.

Content

1	Purpose	6
2	Preparation	6
2.1	Prerequisites	6
2.2	Supported Deployments.....	6
3	Configuration	6
3.1	Basic Settings for Organizational Structure	7
3.1.1	Maintain Business Partner for Plant	7
3.2	Settings for the Warehouse Number.....	9
3.2.1	Define Warehouse Numbers	9
3.2.2	Assign Warehouse Numbers	9
3.2.3	Define Warehouse Number Control (Part 1)	10
3.2.4	Acknowledge Use of Advanced Functions	10
3.3	Define Number Ranges.....	11
3.3.1	Define Number Ranges for Warehouse Basic Settings.....	11
3.4	Settings for Unit of Measures Handling	13
3.4.1	Define Unit of Measure Attributes.....	13
3.5	Settings for Stock Types and Availability Groups	14
3.5.1	Configure Availability Group for Putaway	14
3.5.2	Map Storage Locations from ERP System to EWM	15
3.6	Warehouse Structure	15
3.6.1	Define Storage Type	15
3.6.2	Storage Sections and Storage Groups	24
3.6.3	Activities and Activity Areas	25
3.6.4	Settings for Storage Bins	41
3.6.5	Staging Areas and Warehouse Doors	53
4	Manual Build Steps	57

Warehouse Structure [Local]: Configuration Guide

1 Purpose

The purpose of this document is to describe the general configuration steps required to manually set up the configuration within the system landscape that has already been installed using the corresponding installation or configuration guides for installation.

If you want to install SAP S/4HANA locally (on-premise) and if you do not want to configure manually and prefer an automated installation process using BC Sets and other tools, you can set up a best-practice client and activate the implementation content. For more information, see the *Administration Guide for the Implementation of SAP S/4HANA, on premise edition* which is linked in the content library (included in the documentation package).

2 Preparation

2.1 Prerequisites

Before you start installing this scenario, you must install the prerequisite building blocks. For more information, see the *Building Block Prerequisites Matrix*.

2.2 Supported Deployments

The configuration guide provides the implementation content for the SAP S/4HANA products:

- SAP S/4HANA – (OP) installed locally (on-premise), full scope and content coverage

Depending on the use case/deployment option/ S/4HANA product version, you need to implement the required scope/content starting with the Public cloud chapter and proceed with the next required sections.

- For the full scope of the on premise scope & content – PC and OP are required

3 Configuration

The following section describes the complete settings for this building block. These settings can be divided into three main groups:

- Prerequisite settings that have to be checked and which were delivered by SAP (as part of the standard delivery)

The term *Check* refers to these prerequisite settings.

- Settings defined by the customer (in the customer namespace and customer-specific):

The system uses automation to request individual customer settings during the personalization process. These settings can be initial or reused from existing SAP ERP layers and are indicated in the text by <your value>.

- Additional settings that need to be made, covered either by automation or manual configuration (in the customer namespace).

The term *Create* refers to these additional settings in the text.

3.1 Basic Settings for Organizational Structure

3.1.1 Maintain Business Partner for Plant

In this step, you define a business partner with predefined roles FLCU00 (FI Customer) and FLCU01 (Customer) linked as customer to the plant.

The same business partner with pre-defined roles FLVN00 (FI Supplier) and FLVN01 (Supplier) linked as Supplier to the plant.

3.1.1.1 Data for Role FLCU01

Procedure

1. Access the activity as follows:

SAP Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Maintain Business Partner
Transaction Code	BP

2. On the *Maintain Business Partner* screen, choose  *Create Organization*.

3. On the *Create Organization* screen, enter:

Business Partner	BP1710
Grouping	BPAB External alpha-numeric numbering
Create in BP role	FLCU01 Customer

4. In the *Change to another BP role in create mode* dialog box, choose *Create*.

5. In the *Name* section, enter:

Title	0003 Company	
Name	Plant 1 US	

6. In the *Street Address* section, enter:

Field name	User action and values	Comment
Street	Deer Creek	
House number	3475	
Postal Code	94304	
City	Palo Alto	
Country	US	
Region	CA	California
	Choose <i>More fields</i> button to make the Time Zone visible.	
Time Zone	PST	

7. In the *Communication* section, enter:

Language	EN English
-----------------	------------

8. Choose  *Save*.

9. In the *Change to another BP role in create mode* dialog box, choose  *Save*.

10. Choose button *Sales and Distribution*, enter the following data and choose *Enter*.

Field name	User action and values	Comment
------------	------------------------	---------

Sales Org.	1710	
Distr. Channel	10	
Division	00	

11. Choose *Orders* tab and enter:

Field name	User action and values	Comment
<i>Order Section</i>		
Order Probability	100	
Currency	USD	

12. Choose *Save*.

3.1.1.2 Data for Role FLCU00

13. Choose role as the following :

Field name	User action and values	Comment
<i>Change in BP role</i>	FLCU00	FI Customer

14. Choose button *Company Code* and enter:

Field name	User action and values	Comment
Company Code	1710	

15. After press *Enter* , enter:

Field name	User action and values	Comment
Reconciliation acct	12100000	
Sort key	009	

16. Choose *Supplier: Payment Transactions* tab and enter:

Field name	User action and values	Comment
Terms of Payment	0004	
Payment methods	T	

17. Choose *Save*.

3.1.1.3 Data for Role FLVN01

18. Choose role as the following :

Field name	User action and values	Comment
<i>Change in BP role</i>	FLVN01	Supplier (New)

19. Choose tab page *Vendor: General Data* and enter :

Field name	User action and values	Comment
Plant	1710	

20. Choose button *Purchasing* and enter:

Field name	User action and values	Comment
Purch. Organization	1710	

21. Choose *Purchasing Data* tab and enter :

Field name	User action and values	Comment
<i>Conditions Section</i>		
Order currency	USD	

22. Choose *Save*.

3.1.1.4 Data of Role FLVN00

23. Choose role as the following :

Field name	User action and values	Comment
<i>Change in BP role</i>	FLVN00	FI Supplier

24. Choose button *Company Code* and enter:

Field name	User action and values	Comment
Company Code	1710	

25. Choose *Save*.

3.2 Settings for the Warehouse Number

3.2.1 Define Warehouse Numbers

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Define Warehouse Numbers
Transaction Code	SPRO

2. On the *Change View "Define Warehouse Number": Details* screen, choose *New Entries*.
 3. On the *New Entries: Details of Added Entries* screen, enter:

Warehouse No.	1710
----------------------	------

4. In the *Define Warehouse Number* section, enter:

Description	Warehouse Cross Industries
--------------------	-----------------------------------

5. Choose  *Save*.

3.2.2 Assign Warehouse Numbers

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Assign Warehouse Numbers
Transaction Code	SPRO

2. In the *Determine Work Area: Entry* dialog box, enter:

Warehouse No.	1710
----------------------	------

3. Choose  *Continue*.
 4. On the *Change View "Assignment: Warehouse Number/Business Partner": Overview* screen, choose *New Entries*.
 5. On the *New Entries: Details of Added Entries* screen, in the *Assignments: Warehouse Number/Business Partner* section, enter:

Supply Chain Unit	YWAREHOUSE-1710
Custodian	BP1710
Dflt Pty Entld	BP1710
Default Ship-To	

6. Choose  Save.

3.2.3 Define Warehouse Number Control (Part 1)

Use

In this IMG activity, you define the basic data for a warehouse number. For example, weight, volume, time & length units, Default Storage Process Types for special activities, Determination Procedure for Condition Technique etc.

This configuration screen is later again maintained, when additional attributes have been set-up and can be assigned to the warehouse number.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Define Warehouse Number Control
Transaction Code	SPRO

2. On the *Change View "Warehouse Number Control": Overview* screen, select the entry for warehouse number 1710.
3. Choose *Details* (Ctrl+Shift+F2).
4. On the *Change View "Warehouse Number Control": Details*, screen, enter:

Field name	User action and values
Weight Unit	KG
Time Unit	MIN
Volume Unit	L
Unit of Length	M
Currency	USD
Factory Calend.	US

5. Choose Save.
6. Only during initial setup you may ignore message "Changing units for warehouse number - execute correction report"
7. Choose *Enter* to continue.

3.2.4 Acknowledge Use of Advanced Functions

Use

In this Customizing activity, you can acknowledge the usage mode of warehouse management according to product software licenses purchased for the warehouses. This usage acknowledgement plus the actual usage of warehousing features are subject to a license audit.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Acknowledge Use of Advanced Functions
Transaction Code	SPRO

- On the *Change View "Acknowledge Use of Advanced Functions"*: Overview screen, select the entry for warehouse number **1710**, and make the following entry:

Field name	User action and values
Usage Mode	Basic Warehouse Management

- Choose Save.

3.3 Define Number Ranges

3.3.1 Define Number Ranges for Warehouse Basic Settings Procedure

- Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Define Number Ranges
Transaction Code	SPRO

3.3.1.1 Define Number Ranges for Warehouse Tasks/Warehouse Documents

- In the *Choose Activity* dialog box, double-click *Define Number Ranges for Warehouse Tasks/Warehouse Documents*.
- On the *Range Maintenance: Warehouse Task* screen, enter:

Warehouse No.	1710
----------------------	------

- Choose  *Change Intervals*.
- On the *Interval Maintenance: Number Range Object Warehouse Task, Subobject 1710* screen, enter:

No	From No.	To Number	Ext	Remarks
01	000100000000	000999999999	[]	For Warehouse Tasks

- Choose  *Insert Line*.
- Enter in the new Line: for stock posting

No	From No.	To Number	Ext	Remarks
02	100000000000	100099999999	[]	For stock posting Warehouse Task

- Choose  Save.
- In the *Transport number range intervals* dialog box, choose  *Continue*.
- Choose  *Back* (twice).

3.3.1.2 Define Number Range Intervals for Warehouse Order

- In the *Choose Activity* dialog box, double-click *Define Number Range Intervals for Warehouse Order*.

2. On the *Range Maintenance: Warehouse Order* screen, enter:

Warehouse No.	1710
---------------	------

3. Choose  *Change Intervals*.
4. On the *Interval Maintenance: Number Range Object Warehouse Order, Subobject 1710* screen, enter:

No	From No.	To Number	Ext
01	0002000000	0009999999	[]

5. Choose  Save.
6. In the *Transport number range intervals* dialog box, choose  Continue.
7. Choose  Back (twice).

3.3.1.3 Number Ranges for Consolidation Group

1. In the *Choose Activity* dialog box, double-click *Number Range Intervals for Consolidation Group*.
2. On the *Range Maintenance: Consolidation Group* screen, enter:

Warehouse No.	1710
---------------	------

3. Choose  *Change Intervals*.
4. On the *Interval Maintenance: Number Range Object Consolidation Group, Subobject 1710* screen, enter:

No	From No.	To Number	Ext
01	0000050000	0000099999	[]

5. Choose  *Insert Line*.
6. Enter in the new Line:

No	From No.	To Number	Ext
02	AAAAAAAAAA	ZZZZZZZZZZ	[X]

7. Choose  Save.
8. In the *Transport number range intervals* dialog box, choose  Continue.
9. Choose  Back (twice).

3.3.1.4 Number Ranges for Physical Inventory Documents

1. In the *Choose Activity* dialog box, double-click *Number Ranges for Physical Inventory Documents*.
2. On the *Range Maintenance: WME Phys. Inv. Doc.* screen, enter:

Warehouse No.	1710
---------------	------

3. Choose  *Change Intervals*.
4. On the *Interval Maintenance: Number Range Object WME Phys. Inv. Doc., Subobject 1710* screen, enter:

No	Year	From No.	To Number	Ext
01	9999	000000000000000100000	000000099999999999999	[]

5. Choose Save.
6. In the *Transport number range intervals* dialog box, choose  Continue.

7. Choose  Back (twice).

3.3.1.5 Assign Number Range Intervals to Warehouse Number

1. In the *Choose Activity* dialog box, double-click *Assign Number Range Intervals to Warehouse Number*.
2. On the *Change View "Number Ranges for Whse Management": Overview* screen, make the following entries:

Warehouse Number	No.Rng	No. Range	WaveNoRg	NRInt. WO	VAS No.Rge	NRI Ind.Lab.Tsk	NRI PI Document	Description
1710	01	02		01			01	Warehouse Cross Industries

3. Choose  Save.
4. Choose  Back.
5. To close the *Choose Activity* dialog box, choose  Cancel.

3.4 Settings for Unit of Measures Handling

3.4.1 Define Unit of Measure Attributes

Use

In this Customizing activity, you assign a quantity classifier to a unit of measure (UoM).

The system uses the quantity classifiers you assign here to determine the Storage Type Search Sequence for putaway and stock removal. Based on the requested quantity, the system determines the UoM with the largest conversion factor, which is smaller or equal to the requested quantity. The system reads the assignment table with this UoM and uses the resulting quantity classifier for the Storage Type Search Sequence determination.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Product → Define Unit of Measure Attributes
Transaction Code	SPRO

2. On the *Change View "Define Unit of Measure Attributes": Overview* screen, choose *New Entries* and create the following entries:

Warehouse Number	Unit	Qty Class.	Stock-Specific UOM
1710	CAR	C	[X]
1710	PAL	P	[X]

3. Choose Save.

3.5 Settings for Stock Types and Availability Groups

3.5.1 Configure Availability Group for Putaway

Use

Availability groups are used in order to map ERP Plant/Storage location to EWM stock type. Each combination of Plant/Storage location of particular logical system can be linked to one unique availability group only.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Goods Receipt Process → Configure Availability Group for Putaway
Transaction Code	SPRO

2. In the *Select Activity* dialog box, choose *Define Availability Group*.
3. On the *Change View "Customizing Table - Availability Groups": Overview* screen, choose *New Entries* and create the following entries:

Warehouse Number	AGr	Description	DType ERP
1710	001	Goods in Putaway (ROD)	
1710	002	Goods Completely Available (AFS)	

4. Save your entries.
5. Choose *Back (F3)* twice.
6. In the *Select Activity* dialog box, choose *Define Non-Location-Dependent Stock Type*.
7. On the *Change View "Customizing Table: Non-Location-Specific Stock Type": Overview* screen, choose *New Entries*.
8. Create the following entries:

Warehouse Number	NST	Description
1710	BB	Blocked Stock
1710	FF	Unrestricted-Use Stock
1710	QQ	Stock in Quality Inspection
1710	RR	Blocked Stock Returns

9. Save your entries.
10. Choose *Back (F3)* twice.
11. In the *Select Activity* dialog box, choose *Configure Stock Type*.
12. On the *Change View "Customizing View : EWM Stock Types": Overview* screen, choose *New Entries* and create the following settings:

Whse No	ST	Desc.	SG	SG	Desc.	AGr	Desc.	NST	Desc.	R.
1710	F1					001		FF		N Normal Stock
1710	F2					002		FF		N Normal Stock
1710	S5					001		BB		S Scrapping Stock

1710	S6				002		BB		S Scrapping Stock
------	----	--	--	--	-----	--	----	--	-------------------------

13. Save your entries.

3.5.2 Map Storage Locations from ERP System to EWM Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Interfaces → ERP Integration → Goods Movements → Map Storage Locations from ERP System to EWM
Transaction Code	SPRO

2. On the *Change View "Customizing Mapping Table for ERP Plant Storage Location"* screen, choose *New Entries* and create the following entries:

Plnt	SLoc	Logical system	Warehouse No.	AGrp	Comment
1710	171D	<your logical system>	1710	001	Use the logical system representing your SAP S/4HANA system.
1710	171S	<your logical system>	1710	002	For example, ERPCLNT001 or XXXCLNT999. Also see comment below.

3. Choose *Save*.



In case of doubt on the Logical System representing the SAP S/4HANA system and client, check the exact ID of the Logical System in your SAP S/4HANA System. To do so, search for the IMG activity "Assign Logical System to Client" in the IMG Menu. Locate the corresponding SAP S/4HANA client and choose Detail. The logical system can be found in the detail screen.

3.6 Warehouse Structure

3.6.1 Define Storage Type

Use

The purpose of this activity is to create storage types for the warehouse 1710.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Define Storage Type
Transaction Code	SPRO

2. On the *Change View "Storage Type Definition": Overview* screen, choose *New Entries*.

3. On the *New Entries: Details of Added Entries* screen, create the following entries:

3.6.1.1 Storage Type Y001

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y001	Handover Point for Narrow Aisle Storage

2. In the *General* section, enter:

Storage Type Role	_ Standard Storage Type
HU Requirement	X HU Requirement

3. In the *Putaway Control* section, enter:

Conf. Putaway	[X]
Putaway Rules	4 General Storage Area
Capacity Check	4 No Check Against Key Figure, Weight, and Volume

4. In the *Stock Removal Control* section, enter:

Confirm Removal	X
-----------------	---

5. In the *Goods Movement Control* section, enter:

No GI	X
-------	---

6. Choose  Next Entry (F8).

3.6.1.2 Storage Type Y011

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y011	Narrow Aisle Storage (NA)

2. In the *General* section, enter:

Storage Type Role	_ Standard Storage Type
HU Requirement	X HU Requirement

3. In the *Putaway Control* section, enter:

Conf. Putaway	[X]
Stor.Ctrl./Put.Compl.	[X]
Putaway Rules	5 Empty Bin
Delete Stock Identification	[X]
Storage Section Check	Y Storage Section Determination, no Check
Mixed Storage	3 One HU Allowed per Bin
Mix. Stck. Types	[X]
Mixed Storage in HU	1 Mixed Storage Not Allowed
Mixed Owners	[X]
Mix.PartiesEnt.	[X]
Mix. Insp.Docs.	[X]
Mix. Sp.Stocks.	[X]

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
HU Picking Ctrl.	2 Warehouse Process Type Controls Proposal for Destination HU

5. In the *Goods Movement Control* section, enter:

Availability Group	002
Mandatory	X
No GI	X

6. Choose  *Next Entry (F8)*.

3.6.1.3 Storage Type Y021

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y021	Mezzanine

2. In the *General* section, enter:

Storage Type Role	_ Standard Storage Type
HU Requirement	Y HU not Allowed

3. In the *Putaway Control* section, enter:

Conf. Putaway	[X]
Stor. Ctrl./Put. Compl.	[X]
Putaway Rules	5 Empty Bin
Delete Stock Identification	[X]
Storage Section Check	Y Storage Section Determination, no Check
Split During Putaway	1 Split During Putaway
Early Cap. Check	[X]
Ptwy. Stor. Ctrl	2 Storage Control Putaway with Product WT
PutawayQtyClas	C Carton Quantity
Rounding After Split	1 Round Down WT QTy to a Multiple of a Unit
Mixed Storage	1 Several Non-Mixed HUs with the Same Product/Batch
Mixed Storage in HU	1 Mixed Storage not allowed
Mixed Owners	[X]
QuantAddnStk GRD	1 Not Allowed
Mixed PartiesEnt.	[X]
QuantAddnStk SLED	1 Not Allowed
Mixed Insp. Docs	[X]
Mixed Sp.Stocks	[X]

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
Round Whole Units	3 Round Down WT Quantity to a Multiple of Unit

5. In the *Goods Movement Control* section, enter:

Availability Group	002
Mandatory	[X]
No GI	[X]

6. In the *Replenishment* section, enter:

Repl. Level	1 Storage Type Level
-------------	----------------------

7. Choose  *Next Entry (F8)*.

3.6.1.4 Storage Type Y041

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y041	Bulk Storage A (Partial Pallets Allowed)

2. In the *General* section, enter:

Storage Type Role	_ Standard Storage Type
Storage Behavior	2 Bulk Storage
Level of Avail. Qty	1 Storage Bin
Avail. Qty.: Batches	1 Available Quantity: Batch Neutral
HU Requirement	X HU Requirement

3. In the *Putaway Control* section, enter:

Conf. Putaway	[X]
Stor. Ctrl./Put. Compl.	[X]
Putaway Rules	2 Addition to Existing Stock/Empty Bin
Delete Stock Identification	[X]
Mixed Storage	2 Several HUs with Different Batches of the Same Product
Mixed Storage in HU	1 Mixed Storage Not Allowed
Mixed Owners	[X]
Mix. Parties Ent.	[X]
Mix. Insp. Docs.	[X]
Mix. Sp. Stocks.	[X]

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
HU Picking Ctrl.	1 Propose Source HU as Destination HU
Round Whole Units	2 Round Down WT Quantity to Single Unit

5. In the *Goods Movement Control* section, enter:

Availability Group	002
Mandatory	[X]

No GI	[X]
-------	-----

6. Choose  *Next Entry (F8)*.

3.6.1.5 Storage Type Y042

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y042	Bulk Storage B (No Partial Pallets)

2. In the *General* section, enter:

Storage Type Role	_ Standard Storage Type
Storage Behavior	2 Bulk Storage
Level of Avail. Qty	1 Storage Bin
Avail. Qty.: Batches	1 Available Quantity: Batch Neutral
HU Requirement	X HU Requirement

3. In the *Putaway Control* section, enter:

Conf. Putaway	[X]
Stor. Ctrl./Put. Compl.	[X]
Putaway Rules	2 Addition to Existing Stock/Empty Bin
Delete Stock Identification	[X]
PutawayQtyClass	P Pallet Quantity
Mixed Storage	2 Several HUs with Different Batches of the Same Product
Mixed Storage in HU	1 Mixed Storage Not Allowed
Mixed Owners	[X]
Mix. Parties Ent.	[X]
Mix. Insp. Docs.	[X]
Mix. Sp. Stocks.	[X]

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
HU Picking Ctrl.	1 Propose Source HU as Destination HU
Round Whole Units	2 Round Down WT Quantity to Single Unit

5. In the *Goods Movement Control* section, enter:

Availability Group	002
Mandatory	[X]
No GI	[X]

6. Choose  *Next Entry (F8)*.

3.6.1.6 Storage Type Y051

1. In the top section, enter:

Warehouse No.	1710	
---------------	------	--

Storage Type	Y051	Picking Area for Narrow Aisle Storage
--------------	------	---------------------------------------

2. In the *General* section, enter:

Storage Type Role	_ Standard Storage Type
HU Requirement	X HU Requirement
Check Max. No. Bins	[X]

3. In the *Putaway Control* section, enter:

Conf.Putaway	[X]
Stor.Ctrl./Put.Compl.	[X]
Putaway Rules	5 Empty Bin
Delete Stock Identification	[X]
Stor. Section Check	Y Storage Section Determination, no Check
Ptwy Stor. Ctrl	1 Storage Control: Putaway with HU WT
Mixed Storage	3 One HU allowed per Bin
Mix. Stck Types	[X]
Mixed storage in HU	1 Mixed Storage Not Allowed
Mixed Owners	[X]
Mix. PartiesEnt.	[X]
Mixed Insp.Docs	[X]
Mixed Sp.Stocks	[X]

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
HU Picking Ctrl.	2 Warehouse Process Type Controls Proposal for Destination HU

5. In the *Goods Movement Control* section, enter:

Availability Group	002
Mandatory	[X]
No GI	[X]

6. In the *Replenishment* section, enter:

Repl. Level	1 Storage Type Level
-------------	----------------------

7. Choose  *Next Entry (F8)*.

3.6.1.7 Storage Type Y052

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y052	Picking Area for Bulk B (Fixed Bin)

2. In the *General* section, enter:

Storage Type Role	_ Standard Storage Type
Level of Avail. Qty	1 Storage Bin
Avail. Qty.: Batches	1 Available Quantity: Batch Neutral

HU Requirement	Y HU not Allowed
Use Fixed Bins	[X]

3. In the *Putaway Control* section, enter:

Conf.Putaway	[X]
Stor.Ctrl./Put.Compl.	[X]
Putaway Rules	2 Addition to Existing Bin/Empty Bin
Delete Stock Identification	[X]
WT Generic	_ Not Generic (Storage Type, Storage Section, and Storage Bin)
Mixed Storage	2 Several HUs with Different Batches of the Same Product
Mix. Stck Types	[X]
Mixed storage in HU	2 Several Batches of the Same Product per HU
Mixed Owners	[X]
Mix. PartiesEnt.	[X]
Mixed Insp.Docs	[X]
Mixed Sp.Stocks	[X]

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
-----------------	-----

5. In the *Goods Movement Control* section, enter:

Availability Group	002
Mandatory	[X]
No GI	[X]

6. In the *Replenishment* section, enter:

Repl. Level	1 Storage Type Level
-------------	----------------------

Choose  Next Entry (F8).

3.6.1.8 Storage Type Y831

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y831	Packing

2. In the *General* section, enter:

Storage Type Role	E Work Center
HU Requirement	X HU Requirement
Do Not Explode Prod.	[X]

3. In the *Putaway Control* section, enter:

Conf.Putaway	[X]
Putaway Rules	3 Consolidation group

Capacity Check	4 No Check Against Key Figure, Weight and Volume
----------------	--

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
-----------------	-----

5. Choose  *Next Entry (F8)*.

3.6.1.9 Storage Type Y840

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y840	Scrapping

2. In the *General* section, enter:

Storage Type Role	E Work Center
-------------------	---------------

3. In the *Putaway Control* section, enter:

Stor.Ctrl/Put.Compl.	[X]
Putaway Rules	4 General Storage Area
Delete Stock Identification	[X]
Capacity Check	4 No Check Against Key Figure, Weight, and Volume
QntAddnStk alt. UoM.	2 Allowed - Manage Stock in BUoM only

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
HU Picking Ctrl	2 Warehouse Process Type Controls Proposal for Destination HU

5. In the *Goods Movement Control* section, enter:

Non-Dep. Stock Type	BB
Stock Type Role	S Scrapping Stock

6. Choose  *Save (Ctrl+S)*.

3.6.1.10 Storage Type Y910

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y910	Inbound Staging Area

2. In the *General* section, enter:

Storage Type Role	I Work Center in Staging Areas Group
-------------------	--------------------------------------

3. In the *Putaway Control* section, enter:

Conf.Putaway	[X]
Putaway Rules	4 General Storage Area
Capacity Check	4 No Check Against Key Figure, Weight, and Volume

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
HU Picking Ctrl.	2 WPT controls Proposal for Picking HU

5. Choose  Next Entry (F8).

3.6.1.11 Storage Type Y920

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y920	Outbound Staging Area

2. In the *General* section, enter:

Storage Type Role	I Work Center in Staging Areas Group
HU Requirement	X HU Requirement
Do Not Explode Prod.	[X]

3. In the *Putaway Control* section, enter:

Conf.Putaway	[X]
Putaway Rules	4 General Storage Area
Capacity Check	4 No Check Against Key Figure, Weight, and Volume

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
-----------------	-----

5. Choose  Next Entry (F8).

3.6.1.12 Storage Type Y930

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y930	Doors

2. In the *General* section, enter:

Storage Type Role	F Doors
-------------------	---------

3. In the *Putaway Control* section, enter:

Conf.Putaway	[X]
Putaway Rules	4 General Storage Area
Capacity Check	4 No Check Against Key Figure, Weight, and Volume

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
-----------------	-----

5. Choose  Next Entry (F8).

3.6.1.13 Storage Type Y970

1. In the top section, enter:

Warehouse No.	1710	
Storage Type	Y970	Clarification Zone

2. In the *General* section, enter:

Storage Type Role	I Work Center in Staging Areas Group
HU Requirement	X HU Requirement

3. In the *Putaway Control* section, enter:

Conf. Putaway	[X]
Putaway Rules	4 General Storage Area
Capacity Check	4 No Check Against Key Figure, Weight, and Volume
Ptwy Stor. Ctrl	1 Storage Control: Putaway with HU Warehouse Task

4. In the *Stock Removal Control* section, enter:

Confirm Removal	[X]
-----------------	-----

5. Choose  Save (Ctrl+S).

3.6.2 Storage Sections and Storage Groups

3.6.2.1 Define Storage Sections

Use

The purpose of this activity is to define storage sections for the corresponding storage types.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Define Storage Section
Transaction Code	SPRO

2. On the *Change View "Storage Sections": Overview* screen, choose *New Entries*.
 3. Create these entries:

WhN	Typ	Sec	Description
1710	Y001	01IN	Handover to Aisle 01
1710	Y001	01OT	Handover from Aisle 01
1710	Y001	02IN	Handover to Aisle 02
1710	Y001	02OT	Handover from Aisle 02
1710	Y011	YS01	Fast-Moving Items
1710	Y011	YS02	Slow-Moving Items
1710	Y021	YS01	Fast-Moving Items
1710	Y021	YS02	Slow-Moving Items
1710	Y041	YS00	Bulk Storage A
1710	Y042	YS00	Bulk Storage B
1710	Y051	YS01	Fast-Moving Items
1710	Y051	YS02	Slow-Moving Items
1710	Y052	YS00	Picking Area for Bulk Storage B
1710	Y831	YS10	To Loading
1710	Y831	YS2I	Bus Stops (Packing)

1710	Y840	YS00	Scrapping
1710	Y910	YI00	Inbound Staging
1710	Y920	YO01	Staging to Door 1
1710	Y920	YO02	Staging to Door 2
1710	Y920	YO03	Staging to Door 3
1710	Y930	YS00	Doors
1710	Y970	YS00	Clarification

4. Choose Save .

3.6.2.2 Define Storage Groups for Layout-Oriented Storage Control

Use

The purpose of this activity is to define storage groups for the corresponding aisles in storage type Y011.

Procedure

1. Access the activity as follows:

IMG Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Cross Process Settings → Warehouse Task → Define Storage Groups for Layout-Oriented Storage Control</i>
Transaction Code	SPRO

2. On the *Change View "Storage Group for Layout-Oriented Storage Control": Overview* screen, choose *New Entries* and create the following settings:

Warehouse Number	Storage Type	Storage Group
1710	Y001	YINB
1710	Y001	YOUT
1710	Y011	YG01
1710	Y011	YG02
1710	Y051	YG01
1710	Y051	YG02

3. Choose Save .

3.6.3 Activities and Activity Areas

3.6.3.1 Define Activities

Use

In this IMG activity you define activities for your own warehouse. You must assign an internal warehouse process category to each activity.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Activity Areas → Activities → Define Activities
Transaction Code	SPRO

- On the *Change View "Define Activity": Overview* screen, choose *New Entries*.
- On the *New Entries: Details of Added Entries* screen, create the following entries. After each row choose *Next Entry (F8)*  to continue:

Warehouse No.	Activity	Description	Process Cat.	Process Step
1710	CLSP	Cross-Line Stock Putaway	8	
1710	INTL	Internal Movement	3	
1710	INVE	Physical Inventory	4	
1710	PICK	Stock Removal	2	
1710	PTWY	Putaway	1	
1710	REPL	Replenishment	3	
1710	STCH	Posting Change	7	

- Choose *Save* .

3.6.3.2 Define Activity Area

Use

Besides generating activity areas from storage types (see next chapter) there are some activity areas which need to be defined explicitly.

Procedure

- Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Activity Areas → Define Activity Area
Transaction Code	SPRO

- On the *Change View "Define Activity Area": Overview* screen, choose *New Entries* and create the following settings:

Warehouse No.	Activity Area	Description	Areas Joined
1710	Y011	Phys. Inv. Area for Storage Type Y011	[]
1710	YN00	Narrow Aisle Storage, All Aisles	[]
1710	YN01	Narrow Aisle Storage, Aisle 01	[]
1710	YN02	Narrow Aisle Storage, Aisle 02	[]

- Choose *Save* .

3.6.3.3 Generate Activity Areas from Storage Type

Use

The purpose of this activity is to generate activity areas for the corresponding storage types.

Procedure

1. Access the activity as follows:

IMG Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Activity Areas → Generate Activity Area from Storage Type</i>
Transaction Code	SPRO

2. On the /SCWM/R_AREA_LGTYP_CREATE screen, run the generation report for the below mentioned combinations of warehouse number and storage type. Do this for each combination one after another:



If you do not specify an "Activity" explicitly, the system automatically generates activities areas **for all activities** you have defined in the previous step. This is what you should do.

Combinations not needed will be deleted later.

Warehouse Number	Storage Type	Activity	Description (generated by system)
1710	Y001		Gen. Activity Area for Storage Type Y001
1710	Y021		Gen. Activity Area for Storage Type Y021
1710	Y041		Gen. Activity Area for Storage Type Y041
1710	Y042		Gen. Activity Area for Storage Type Y042
1710	Y052		Gen. Activity Area for Storage Type Y052
1710	Y831		Gen. Activity Area for Storage Type Y831
1710	Y840		Gen. Activity Area for Storage Type Y840
1710	Y910		Gen. Activity Area for Storage Type Y910
1710	Y920		Gen. Activity Area for Storage Type Y920
1710	Y930		Gen. Activity Area for Storage Type Y930
1710	Y970		Gen. Activity Area for Storage Type Y970

3. Enter the first combination of Warehouse Number and Storage Type
4. Choose *Execute (F8)* .
5. A message appears like:

Activity area data successfully generated for storage type <1710>.

6. Repeat step 4 and 5 for all other combinations of Warehouse Number and Storage Type from the table above.



Once you have generated an Activity Area for all activities, a generic sort sequence is automatically created for every **combination of storage types**:

- Y001
- Y021
- Y041
- Y042
- Y052
- Y831
- Y840
- Y910
- Y920
- Y930
- Y970

and **activities**:

- CLSP
- INTL
- INVE
- PICK
- PTWY
- REPL
- STCH

3.6.3.4 Assign Storage Bins to Activity Areas Use

The purpose of this activity is to assign storage bins to the newly created Activity Areas.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Activity Areas → Assign Storage Bins to Activity Areas
Transaction Code	SPRO

2. On the *Change View "Activity Area": Overview* screen, check the following entries:

Warehouse Number	Activity Area	Seq. No	Storage Type	Aisle Start	Aisle End	Stack Start	Stack End	Level Start	Level End
1710	Y001	1	Y001						
1710	Y021	1	Y021						
1710	Y041	1	Y041						
1710	Y042	1	Y042						

1710	Y052	1	Y052						
1710	Y831	1	Y831						
1710	Y840	1	Y840						
1710	Y910	1	Y910						
1710	Y920	1	Y920						
1710	Y930	1	Y930						
1710	Y970	1	Y970						

3. On the *Change View "Activity Area": Overview* screen, choose *New Entries* and create the following entries:

Warehouse Number	Activity Area	Seq. No	Storage Type	Aisle Start	Aisle End	Stack Start	Stack End	Level Start	Level End
1710	Y011	1	Y011						
1710	YN00	1	Y011						
1710	YN00	2	Y051						
1710	YN01	1	Y011	01	01				
1710	YN01	2	Y051	01	01				
1710	YN02	1	Y011	02	02				
1710	YN02	2	Y051	02	02				

6. Choose Save .

3.6.3.5 Define Sort Sequence for Activity Area Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Activity Areas → Define Sort Sequence for Activity Area
Transaction Code	SPRO

2. Delete the following entries

Warehouse Number	Activity Area	Activity
1710	Y001	INVE
1710	Y831	INVE
1710	Y840	INVE
1710	Y910	INVE
1710	Y920	INVE
1710	Y930	INVE
1710	Y970	INVE

3. Update the following entries:

Warehouse Number	AA	Activity	Sequence No.	Storage Type	Sort Sequence	PickMode
1710	Y001	INTL	1	Y001	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y001	PICK	1	Y001	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y001	PTWY	1	Y001	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y001	REPL	1	Y001	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y001	STCH	1	Y001	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y021	INTL	1	Y021	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y021	INVE	1	Y021	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y021	PICK	1	Y021	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y021	PTWY	1	Y021	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y021	REPL	1	Y021	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y021	STCH	1	Y021	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y041	INTL	1	Y041	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y041	INVE	1	Y041	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y041	PICK	1	Y041	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack

1710	Y041	PTWY	1	Y041	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y041	REPL	1	Y041	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y041	STCH	1	Y041	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y042	INTL	1	Y042	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y042	INVE	1	Y042	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y042	PICK	1	Y042	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y042	PTWY	1	Y042	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y042	REPL	1	Y042	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y042	STCH	1	Y042	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y052	INTL	1	Y052	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y052	INVE	1	Y052	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y052	PICK	1	Y052	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y052	PTWY	1	Y052	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y052	REPL	1	Y052	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y052	STCH	1	Y052	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y831	INTL	1	Y831	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack

1710	Y831	PICK	1	Y831	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y831	PTWY	1	Y831	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y831	REPL	1	Y831	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y831	STCH	1	Y831	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y840	INTL	1	Y840	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y840	PICK	1	Y840	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y840	PTWY	1	Y840	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y840	REPL	1	Y840	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y840	STCH	1	Y840	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y910	INTL	1	Y910	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y910	PICK	1	Y910	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y910	PTWY	1	Y910	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y910	REPL	1	Y910	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y910	STCH	1	Y910	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y920	INTL	1	Y920	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y920	PICK	1	Y920	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack

1710	Y920	PTWY	1	Y920	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y920	REPL	1	Y920	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y920	STCH	1	Y920	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y930	INTL	1	Y930	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y930	PICK	1	Y930	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y930	PTWY	1	Y930	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y930	REPL	1	Y930	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y930	STCH	1	Y930	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y970	INTL	1	Y970	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y970	PICK	1	Y970	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y970	PTWY	1	Y970	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y970	REPL	1	Y970	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack
1710	Y970	STCH	1	Y970	1 Sort Sequence: Stack, Level, Bin Subdivision	_ No Specific Division by Stack

4. On the *Change View "Sort Sequence for Storage Bins": Overview* screen, choose *New Entries* and create these entries:

5. In the top section, enter:

Warehouse No.	1710
Activity Area	Y011
Activity	INVE
Sequence No.	1

6. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
--------------	------

Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

7. Choose *Next Entry (F8)* .

8. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	PICK
Sequence No.	1

9. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

10. Choose *Next Entry (F8)* .

11. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	PICK
Sequence No.	2

12. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

13. Choose *Next Entry (F8)* .

14. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	PTWY
Sequence No.	1

15. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

16. Choose *Next Entry (F8)* .

17. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	PTWY
Sequence No.	2

18. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

19. Choose *Next Entry (F8)* .

20. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	REPL
Sequence No.	1

21. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

22. Choose *Next Entry (F8)* .

23. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	REPL
Sequence No.	2

24. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

25. Choose *Next Entry (F8)* .

26. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	STCH
Sequence No.	1

27. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

28. Choose *Next Entry (F8)* .

29. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	STCH
Sequence No.	2

30. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

31. Choose *Next Entry (F8)* .

32. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	INTL
Sequence No.	1

33. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

34. Choose *Next Entry (F8)* .

35. In the top section, enter:

Warehouse No.	1710
Activity Area	YN01
Activity	INTL
Sequence No.	2

36. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

37. Choose *Next Entry (F8)* .

38. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	PICK
Sequence No.	1

39. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

40. Choose *Next Entry (F8)* .

41. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	PICK
Sequence No.	2

42. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

43. Choose *Next Entry (F8)* .

44. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	PTWY
Sequence No.	1

45. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

46. Choose *Next Entry (F8)* .

47. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	PTWY
Sequence No.	2

48. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

49. Choose *Next Entry (F8)* .

50. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	REPL
Sequence No.	1

51. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

52. Choose *Next Entry (F8)* .

53. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	REPL
Sequence No.	2

54. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

55. Choose *Next Entry (F8)* .

56. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	STCH
Sequence No.	1

57. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

58. Choose *Next Entry (F8)* .

59. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	STCH
Sequence No.	2

60. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

61. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	INTL
Sequence No.	1

62. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

63. Choose *Next Entry (F8)* .

64. In the top section, enter:

Warehouse No.	1710
Activity Area	YN02
Activity	INTL
Sequence No.	2

65. In the *Sort Sequence for Storage Bins* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack, Level, Bin Subdivision
...	...
Picking Mode	No Specific Division by Stack

66. Choose *Save*.

3.6.3.6 Define Sort Sequence for Cross-Line Stock Putaway Use

In order to achieve an equal use of the aisles in the Narrow Aisle Pallet Rack, cross-line putaway is used in this storage type

Procedure

1. Access the activity as follows:

IMG Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Activity Areas → Define Sort Sequence for Cross-Line Stock Putaway</i>
Transaction Code	SPRO

2. On the *Change View "Sort Sequence for Storage Bins (Cross-Line Putaway)": Overview* screen, choose *New Entries* and create these entries:
3. In the top section, enter:

Warehouse No.	1710
Activity Area	YN00
Activity	CLSP
Sequence No.	1

4. In the *Sort Sequence for Storage Bins (Cross-Line Putaway)* section, enter:

Storage Type	Y011
Sort Sequence	1 Sort Sequence: Stack. Level Bin Subdivision
Sort. Dir.: Aisle	1 Ascending
...	...
Sort. Dir. f. Stack	1 Ascending
...	...
Sort. Dir. Level	1 Ascending
.....	
Picking Mode	No Specific Division by Stack

5. Choose *Next Entry (F8)* 

6. In the top section, enter:

Warehouse No.	1710
Activity Area	YN00
Activity	CLSP
Sequence No.	2

7. In the *Sort Sequence for Storage Bins (Cross-Line Putaway)* section, enter:

Storage Type	Y051
Sort Sequence	1 Sort Sequence: Stack. Level Bin Subdivision
Sort. Dir.: Aisle	1 Ascending
...	...
Sort. Dir. f. Stack	1 Ascending
...	...
Sort. Dir. Level	1 Ascending
.....	
Picking Mode	No Specific Division by Stack

8. Choose *Back (F3)* 

9. On the *Change View "Sort Sequence for Storage Bin (Cross-Line Putaway)": Overview* screen, delete  the following entries:

Warehouse Number	AA	Activity	Sequence No.
1710	Y001	CLSP	1
1710	Y021	CLSP	1
1710	Y831	CLSP	1
1710	Y840	CLSP	1
1710	Y910	CLSP	1
1710	Y920	CLSP	1
1710	Y930	CLSP	1
1710	Y970	CLSP	1

10. Choose **Save** .



Make sure that in the end you end up with two entries for your warehouse number:

Warehouse Number	AA	Activity	Sequence No.	St.Type	Sort. Seq.
1710	YN00	CLSP	1	Y011	1 ...
1710	YN00	CLSP	2	Y051	1 ...

3.6.4 Settings for Storage Bins

Use

The purpose of this activity is to create storage bin types and storage bin structures (templates).

You can create single storage bins manually, or you can create multiple bins at one time using a storage bin template. You use the functionality for bin generation in storage types with a large number of bins.

3.6.4.1 Define Storage Bin Types

Procedure

1. Access the activity as follows:

IMG Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Storage Bins → Define Storage Bin Types</i>
Transaction Code	SPRO

2. On the *Change View "Storage Bin Types": Overview* screen, choose **New Entries** and create the following entries:



Decimal Notation:

The figures for volume and weight below are noted in the common **US decimal notation** format using the "," (comma) to **separate thousands** and using "." (period) to **separate decimals**.

Check whether your user settings are set to US or another decimal notation. It would lead to wrong results if you enter the figures given here in a system set to another decimal notation.

In case you change your user settings, **log off and log on again**.

Whse No.	Storage Bin Type	Description	Max. Weight	Weight Unit	Max. Volume	Vol Unit	Max. Capacity
1710	YMDF	Mezzanine Bin			100	L	
1710	YNGB	Narrow-Aisle Bin	1,000	KG			
1710	YB01	Short Bulk Storage Lane					
1710	YB02	Long Bulk Storage Lane					
1710	YFX1	Bulk Picking Area (Fixed Bin)					

3. Save your entries.

3.6.4.2 Define Bin Access Types

Procedure

1. Access the activity as follows:

IMG Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Storage Bins → Define Bin Access Types</i>
Transaction Code	SPRO

2. On the *Change View "Bin Access Types": Overview* screen, choose *New Entries* and create the following entries:

Warehouse Number	Access Type	Description
1710	YHL1	High-Level Order Picker (HLOP)
1710	YHR1	Without HLOP/LLOP
1710	YLL1	Low-Level Order Picker (LLOP)

3. Save your entries.

3.6.4.3 Define Storage Bin Identifiers for Storage Bin Structures

Procedure

4. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Storage Bins → Define Storage Bin Identifiers for Storage Bin Structures
Transaction Code	SPRO

5. On the *Change View "Storage Bin Identifier": Details* screen, choose **New Entries and create** the following entry:

Warehouse No.	1710
Aisle ID	A
Stack Descriptn	S
Level Descriptn	L
ID for Bin Subdivsn	B
Bin Depth Indicato	D

6. **Save** your entries.

3.6.4.4 Define Storage Bin Structure

The following table provides an overview, which bins need to be created manually and which can be generated by template definition delivered by SAP:

Storage Type / Details	Storage Bin Creation
Y011 Narrow Aisle Storage (NA), Aisle 01, Fast Movers	Generate via template 001
Y011 Narrow Aisle Storage (NA), Aisle 02, Fast Movers	Generate via template 002
Y011 Narrow Aisle Storage (NA), Aisle 01, Slow Movers	Generate via template 003
Y011 Narrow Aisle Storage (NA), Aisle 02, Slow Movers	Generate via template 004
Y021 Mezzanine, Slow Movers (Left Side)	Generate via template 005
Y021 Mezzanine, Fast Movers (Left Side)	Generate via template 006
Y021 Mezzanine, Fast Movers (Right Side)	Generate via template 007
Y021 Mezzanine, Slow Movers (Right Side)	Generate via template 008
Y041 Bulk Storage A, Short Lane Bins	Generate via template 009
Y041 Bulk Storage A, Long Lane Bins	Generate via template 010
Y042 Bulk Storage B, Short Lane Bins	Generate via template 011
Y051 Picking Area for NA Storage, Fast Movers, Aisle 01	Generate via template 012
Y051 Picking Area for NA Storage, Slow Movers, Aisle 01	Generate via template 013
Y051 Picking Area for NA Storage, Fast Movers, Aisle 02	Generate via template 014
Y051 Picking Area for NA Storage, Slow Movers, Aisle 02	Generate via template 015

Y052 Picking Area for Bulk B, Fixed Bins	Generate via template 016
Y831 Packing	Generate via template 017

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Storage Bins → Define Storage Bin Structure
Transaction Code	SPRO

2. On the Change View "Storage Bin Generation": Overview screen, choose *New Entries* and create the following entries:



Decimal Notation:

The figures for volume and weight below are noted in the common **US decimal notation** format using the "," (**comma**) to **separate thousands** and using "." (**period**) to **separate decimals**.

Check whether your user settings are set to US or another decimal notation. It would lead to wrong results if you enter the figures given here in a system set to another decimal notation.

In case you change your user settings, **log off and log on again**.

3.6.4.4.1 Template 001

1. In the header, enter:

Warehouse No.	1710
Sequence number	001

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	011.01.01.03
End Value	011.01.30.04
Increment	01 01 01

3. In the *Additional Data* enter:

Storage Type	Y011
Storage Section	YS01 (Fast-Moving Items)
Stor. Bin Type	YNGB
Bin Access Type	YHL1
Maximum Weight	1,000
Max. Volume	
Total Capacity	
Max. Bin Depth	

Fire-Cont.Sect.	
Storage Group	YG01

4. Choose *Next Entry (F8)* .

3.6.4.4.2 Template 002

1. In the header, enter:

Warehouse No.	1710
Sequence number	002

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	011.02.01.03
End Value	011.02.30.04
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y011
Storage Section	YS01 (Fast-Moving Items)
Stor. Bin Type	YNGB
Bin Access Type	YHL1
Maximum Weight	1,000
Max. Volume	
Total Capacity	
Max. Bin Depth	
Fire-Cont.Sect.	
Storage Group	YG02

4. Choose *Next Entry (F8)* .

3.6.4.4.3 Template 003

1. In the header, enter:

Warehouse No.	1710
Sequence number	003

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	011.01.01.05
End Value	011.01.30.06
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y011
Storage Section	YS02 (Slow-Moving Items)
Stor. Bin Type	YNGB
Bin Access Type	YHL1
Maximum Weight	1,000
Max. Volume	
Total Capacity	
Max. Bin Depth	
Fire-Cont.Sect.	
Storage Group	YG01

4. Choose *Next Entry* (F8) .

3.6.4.4.4 Template 004

1. In the header, enter:

Warehouse No.	1710
Sequence number	004

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	011.02.01.05
End Value	011.02.30.06
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y011
Storage Section	YS02 (Slow -Moving Items)
Stor. Bin Type	YNGB
Bin Access Type	YHL1
Maximum Weight	1,000
Max. Volume	
Total Capacity	
Max. Bin Depth	
Fire-Cont.Sect.	
Storage Group	YG02

4. Choose *Next Entry* (F8) .

3.6.4.4.5 Template 005

1. In the header, enter:

Warehouse No.	1710
---------------	------

Sequence number	005
-----------------	-----

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNCNNCCCCC
Structure	AA SS LL
Start Value	021.01.05.01
End Value	021.10.10.03
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y021
Storage Section	YS02 (Slow Moving Items)
Stor. Bin Type	YMDF
Bin Access Type	YHR1
Maximum Weight	
Max. Volume	100
Total Capacity	
Max. Bin Depth	
Fire-Cont.Sect.	
Storage Group	

4. Choose *Next Entry (F8)* .

3.6.4.4.6 Template 006

1. In the header, enter:

Warehouse No.	1710
Sequence number	006

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNCNNCCCCC
Structure	AA SS LL
Start Value	021.01.01.01
End Value	021.10.04.03
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y021
Storage Section	YS01 (Fast Moving Items)
Stor. Bin Type	YMDF
Bin Access Type	YHR1
Maximum Weight	
Max. Volume	100
Total Capacity	

Max. Bin Depth	
Fire-Cont.Sect.	
Storage Group	

4. Choose *Next Entry* (F8) .

3.6.4.4.7 Template 007

1. In the header, enter:

Warehouse No.	1710
Sequence number	007

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	021.01.11.01
End Value	021.10.14.03
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y021
Storage Section	YS01 (Fast Moving Items)
Stor. Bin Type	YMDF
Bin Access Type	YHR1
Maximum Weight	
Max. Volume	100
Total Capacity	
Max. Bin Depth	
Fire-Cont.Sect.	
Storage Group	

4. Choose *Next Entry* (F8) .

3.6.4.4.8 Template 008

1. In the header, enter:

Warehouse No.	1710
Sequence number	008

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	021.01.15.01
End Value	021.10.20.03
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y021
Storage Section	YS02 (Slow Moving Items)
Stor. Bin Type	YMDF
Bin Access Type	YHR1
Maximum Weight	
Max. Volume	100
Total Capacity	
Max. Bin Depth	
Fire-Cont.Sect.	
Storage Group	

4. Choose *Next Entry (F8)* .

3.6.4.4.9 Template 009

1. In the header, enter:

Warehouse No.	1710
Sequence number	009

2. In the *Bin Definition* section, enter:

Template	CCCCNNCCCCCCCCCCCC
Structure	AA
Start Value	041.01
End Value	041.08
Increment	01

3. In the *Additional Data* section, enter:

Storage Type	Y041
Storage Section	YS00 (Main Section)
Stor. Bin Type	YB01 (Bulk Storage Short Lane)
Bin Access Type	YLL1

4. Choose *Next Entry (F8)* .

3.6.4.4.10 Template 010

5. In the header, enter:

Warehouse No.	1710
Sequence number	010

6. In the *Bin Definition* section, enter:

Template	CCCCNNCCCCCCCCCCCC
Structure	AA
Start Value	041.09
End Value	041.12
Increment	01

7. In the *Additional Data* section, enter:

Storage Type	Y041
Storage Section	YS00 (Main Section)
Stor. Bin Type	YB02 (Bulk Storage Long Lane)
Bin Access Type	YLL1

8. Choose *Next Entry (F8)* .

3.6.4.4.11 Template 011

9. In the header, enter:

Warehouse No.	1710
Sequence number	011

10. In the *Bin Definition* section, enter:

Template	CCCCNNCCCCCCCCCCCC
Structure	AA
Start Value	042.01
End Value	042.08
Increment	01

11. In the *Additional Data* section, enter:

Storage Type	Y042
Storage Section	YS00 (Main Section)
Stor. Bin Type	YB01 (Bulk Storage Short Lane)
Bin Access Type	YLL1

12. Choose *Next Entry (F8)* .

3.6.4.4.12 Template 012

13. In the header, enter:

Warehouse No.	1710
Sequence number	012

14. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	051.01.01.01
End Value	051.01.16.02
Increment	01 01 01

15. In the *Additional Data* section, enter:

Storage Type	Y051
Storage Section	YS01 (Fast Moving Items)
Stor. Bin Type	YNGB
Bin Access Type	YLL1

Maximum Weight	1,000
Max. Volume	
Total Capacity	
Max. Bin Depth	
Fire-Cont.Sect.	
Storage Group	YG01

16. Choose *Next Entry* (F8) .

3.6.4.4.13 Template 013

1. In the header, enter:

Warehouse No.	1710
Sequence number	013

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	051.01.17.01
End Value	051.01.30.02
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y051
Storage Section	YS02 (Slow Moving Items)
Stor. Bin Type	YNGB
Bin Access Type	YLL1
Maximum Weight	1,000
Max. Volume	
Total Capacity	
Fire-Cont.Sect.	
Storage Group	YG01

4. Choose *Next Entry* (F8) .

3.6.4.4.14 Template 014

1. In the header, enter:

Warehouse No.	1710
Sequence number	014

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNCNNCCCCC
Structure	AA SS LL
Start Value	051.02.01.01

End Value	051.02.16.02
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y051
Storage Section	YS01 (Fast Moving Items)
Stor. Bin Type	YNGB
Bin Access Type	YLL1
Maximum Weight	1,000
Max. Volume	
Total Capacity	
Fire-Cont.Sect.	
Storage Group	YG02

4. Choose *Next Entry (F8)* .

3.6.4.4.15 Template 015

1. In the header, enter:

Warehouse No.	1710
Sequence number	015

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNNCCCCC
Structure	AA SS LL
Start Value	051.02.17.01
End Value	051.02.30.02
Increment	01 01 01

3. In the *Additional Data* section, enter:

Storage Type	Y051
Storage Section	YS02 (Slow Moving Items)
Stor. Bin Type	YNGB
Bin Access Type	YLL1
Maximum Weight	1,000
Max. Volume	
Total Capacity	
Fire-Cont.Sect.	
Storage Group	YG02

4. Choose *Next Entry (F8)* .

3.6.4.4.16 Template 016

17. In the header, enter:

Warehouse No.	1710
---------------	------

Sequence number	016
-----------------	-----

18. In the *Bin Definition* section, enter:

Template	CCCCNNCCCCCCCCCCCC
Structure	AA
Start Value	052.01
End Value	052.08
Increment	01

19. In the *Additional Data* section, enter:

Storage Type	Y052
Storage Section	YS00 (Main Section)
Stor. Bin Type	YFX1 (Bulk Picking Area (Fixed Bin))

20. Choose *Next Entry* (F8) .

3.6.4.4.17 Template 017

1. In the header, enter:

Warehouse No.	1710
Sequence number	017

2. In the *Bin Definition* section, enter:

Template	CCCCNNCNCNCCCCCCCC
Structure	AA SS
Start Value	831.00.01
End Value	831.00.20
Increment	01 01

3. In the *Additional Data* section, enter:

Storage Type	Y831
Storage Section	YS2I
Stor. Bin Type	
Bin Access Type	
Maximum Weight	
Max. Volume	
Total Capacity	
Fire-Cont.Sect.	
Storage Group	

4. Choose  Save.

3.6.5 Staging Areas and Warehouse Doors

3.6.5.1 Define Staging Areas

Use

The purpose of this activity is to create staging areas for the warehouse number 1710.

In the system, a staging area is defined by a storage type (called staging area group), a storage section (called staging area), and one or several storage bins (called staging bays).

Additionally, it must be defined as staging area in the system. A staging area can be assigned to one or several doors.

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Staging Areas → Define Staging Areas
Transaction Code	SPRO

2. On the *Change View "Define Staging Areas": Overview* screen, choose *New Entries* and create the following entries:

Warehouse Number	Staging Area Group	Staging Area	GR	GI	Loading Rule
1710	Y910	YI00	[X]		
1710	Y920	Y001		[X]	01 Loading Can Start When the First HU Has Arrived
1710	Y920	Y002		[X]	01 Loading Can Start When the First HU Has Arrived
1710	Y920	Y003		[X]	01 Loading Can Start When the First HU Has Arrived

3. Save your entries.

3.6.5.2 Define Warehouse Doors

Use

You use this process to configure the doors in your warehouse number and assign them to staging areas. Most steps in the configuration are optional if you have already fulfilled the prerequisites.

In the system, a door is defined by a door number and a storage bin (that is door bin). The storage bin must be located in a storage type with storage type role F. The storage type does not contain any storage section. Furthermore, a door is assigned to a staging area.

In the sample warehouse number 1710, the doors used in inbound processes (YDI(inbound) 1-3) are different from the doors used in outbound processes (YDO(outbound)1-3).

Procedure

1. Access the activity as follows:

IMG Menu	SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Warehouse Door → Define Warehouse Door
Transaction Code	SPRO

2. On the *Change View "Door Definitions": Overview* screen, choose *New Entries* and create the following entries:

Field Name	1. Door	2. Door	3. Door	4. Door	5. Door	6. Door
<i>Warehouse No.</i>	1710	1710	1710	1710	1710	1710
<i>Warehouse Door</i>	YDI1	YDI2	YDI3	YDO1	YDO2	YDO3
<i>Loading Direction</i>	I Inbound	I Inbound	I Inbound	O Outbound	O Outbound	O Outbound
<i>Action Profile</i>						
<i>No. Range No.</i>	01	01	01	01	01	01
<i>DeftStagingAreaGrp</i>	Y910	Y910	Y910	Y920	Y920	Y920
<i>Default Stag. Area</i>	YI00	YI00	YI00	YO01	YO02	YO03

3. Save your entries.

3.6.5.3 Assign Staging Areas/Door Determination Groups to Door

Procedure

1. Access the activity as follows:

IMG Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Warehouse Door → Assign Staging Area/Door Determination Group to Door</i>
Transaction Code	SPRO

2. On the *Change View "Staging Area/Door Determination Group for Warehouse Door"* screen, choose *New Entries* and create the following entries:

Warehouse Number	Warehouse Door	SA/DDetGrp
1710	YDI1	
1710	YDI2	
1710	YDI3	
1710	YDO1	
1710	YDO2	
1710	YDO3	

3. Save your entries.



You can define a specific Door Determination Group if it is required to determine a door based on the products. In case it is not product dependent, create an entry for your warehouse number in this table without specific Door Determination Group.

3.6.5.4 Assign Staging Area to Warehouse Door

Procedure

1. Access the activity as follows:

IMG Menu	<i>SCM Extended Warehouse Management → Extended Warehouse Management → Master Data → Warehouse Door → Assign Staging Area to Warehouse Door</i>
Transaction Code	SPRO

2. On the *Change View "Assignment of Staging Area to Warehouse Door": Overview* screen, choose *New Entries* and create the following entries:

Warehouse Number	Whse Door	StgAreaGrp	StgArea
1710	YDI1	Y910	YI00
1710	YDI2	Y910	YI00
1710	YDI3	Y910	YI00
1710	YDO1	Y920	YO01
1710	YDO2	Y920	YO02
1710	YDO3	Y920	YO03

3. Save your entries.

4 Manual Build Steps

Some settings cannot automatically be transported between systems or clients. In these cases, you either transport the settings manually, if possible, or make the settings in the target system or client.

For the configuration activities described in this document, no manual build steps are required.