How to Configure an Additional Preconfigured Warehouse Using an Additional Plant

Applicable Releases:
SAP EWM 9.1 and higher
SAP ERP 6.0 EhP 4 SP 4 and higher

Topic Area:
Extended Warehouse Management – Preconfigured Warehouse

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# Document History

<table>
<thead>
<tr>
<th>Document Version</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Updated version due to minor corrections</td>
</tr>
<tr>
<td>1.0</td>
<td>First official release of this guide</td>
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## Typographic Conventions

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<tr>
<td><strong>Example text</strong></td>
<td>Emphasized words or phrases in body text, graphic titles, and table titles</td>
</tr>
<tr>
<td><strong>Example text</strong></td>
<td>File and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.</td>
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<tr>
<td><strong>Example text</strong></td>
<td>User entry texts. These are words or characters that you enter in the system exactly as they appear in the documentation.</td>
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<td><code>&lt;Example text&gt;</code></td>
<td>Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.</td>
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## Icons

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<td>Caution</td>
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<tr>
<td>❗️</td>
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<td>🛠️</td>
<td>Note</td>
</tr>
<tr>
<td>🚀</td>
<td>Recommendation or Tip</td>
</tr>
<tr>
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1. Business Scenario

With this configuration guide you can set up further preconfigured warehouses in your system.

2. Background Information

For most of the customizing entries described in this configuration guide, BC Sets are existing. Those chapters are marked with the suffix ‘(BC Set)’. Only the easy access settings and some special customizing settings, like the copying of an existing plant in ERP have to be carried out manually. Those chapters are marked with the suffix ‘(Mandatory)’.

Important

This guide must not be used to set up the first standard warehouse with preconfigured processes in your system and client. For setting up the first standard warehouse with preconfigured processes please use the following documentation Warehouse Management with pre-configured Processes.

3. Prerequisites

In the EWM system a standard warehouse with preconfigured processes must be up and running. For further information please refer to the following documentation:

Warehouse Management with pre-configured Processes

You need to think about the naming of your new organization structures before you start because the BC Set will have the organization structures as variables and the Implementation tool in EWM as well. Do not change your organization structures after you have started with the configuration especially after starting implementing the BC Set.:

- New Plant: e.g. PL02
- Storage locations of the new plant: e.g. AFS and ROD
- New Warehouse Number in ERP: e.g. W02
- New Warehouse Number in EWM: e.g. W002
4. **Step-by-Step Procedure**

This guide describes the necessary customizing and easy access settings for an additional preconfigured warehouse. The reason to set up several preconfigured warehouses in one system and client could be to test different scenarios which need to be based on different preconfigured warehouses.

4.1 **Settings in ERP**

4.1.1 **Copy Plant in ERP (Mandatory)**

You use this procedure to copy plant PL01 in SAP ERP used for preconfigured warehouse processes to a new plant e.g. PL02

![Note](image)

Do not change the country in the address data of the plant as this would lead to additional entries in the tax data of the material master and then the existing BDC Files would have to be adapted accordingly.

**Procedure**

1. In customizing for SAP ERP choose *Enterprise Structure → Definition → Logistics → General → Define, copy, delete, check plant*
2. Press COPY
3. Enter *From Plant e.g. PL01, enter To Plant e.g. PL02*
4. Press ENTER
5. Change the name of the plant accordingly

![Note](image)

By using the “copy” function, the storage locations e.g. AFS and ROD will be created as well as a copy from plant PL01

4.1.2 **Create Customer for your Plant (Mandatory)**

You use this procedure to maintain a customer e.g. BPPL02C as a copy of BPPL01C for your new plant in SAP ERP.

**Procedure**

1. In the Easy Access menu for SAP ERP choose *Logistics → Sales and Distribution → Master Data → Business Partner → Customer → Create → Complete*
2. Enter the following data (some of the data might be proposed from the copied customer)

<table>
<thead>
<tr>
<th>Account Group</th>
<th>Customer Code</th>
<th>Company Code</th>
<th>Sales Area</th>
<th>Name</th>
<th>Street</th>
<th>Postal Code</th>
<th>City</th>
<th>Transportation Zone</th>
<th>Shipping Conditions</th>
<th>Tax Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>KUNA</td>
<td>BPPL02C</td>
<td>0001</td>
<td>0001/01/01</td>
<td>Plant PL02</td>
<td>Haupt str.</td>
<td>69190</td>
<td>Waldorf</td>
<td>0000000001</td>
<td>01</td>
<td>0</td>
</tr>
</tbody>
</table>

3. Save your customer.
4.1.3 Create Vendor for your Plant (Mandatory)
You use this procedure to create vendor e.g. BPPL02V as a copy of vendor BPPL01V for your new plant in SAP ERP.

Procedure
1. In the Easy Access menu for SAP ERP choose Logistics → Materials Management → Purchasing → Master Data → Vendor → Central → Create
2. Enter the following data (some of the data might be proposed from the copied vendor)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LIEF BPPL02V</td>
<td>0001</td>
<td>0001</td>
<td>Plant PL02</td>
<td>Haupt str.</td>
<td>69190</td>
<td>Walldorf</td>
<td>00000</td>
<td>00001</td>
<td>16000</td>
<td>EUR</td>
</tr>
</tbody>
</table>

Important
Before you save your vendor switch to tab ‘Purchasing Data’ and enter your plant e.g. PL02 on the additional purchasing data under Menu → Extras → Additional Purch. Data
3. Save your vendor.

4.2 Implement BC Set ZZ_PRE_05_ERP
You use this procedure to activate the BC Set in SAP ERP.

CAUTION
The BC set is attached to note 1888397. Please follow the instructions in the note on how to download the BC-Set from the note into your system.

Procedure
1. In the Easy Access menu for SAP ERP choose Tools → Customizing → Business Configuration Sets → Activation of BC Sets
2. Enter BC Set ZZ_PRE_05_ERP
3. Press activate and enter the following data:
   o Customer no. – plant e.g. BPPL02C
   o Plant e.g. PL02
   o Storage Location e.g. AFS
   o Storage Location e.g. ROD
   o Warehouse Number e.g. W02
4. Press copy values

Important
The BC Set only works for the sales org. units used for the preconfigured warehouse like distribution channel 01, sales organization 0001 etc.

4.2.1 Define Warehouse Number in ERP (BC Set)
You use this procedure to create an EWM relevant warehouse e.g. W02 in SAP ERP

Procedure
1. In customizing for SAP ERP choose **Enterprise Structure → Definition → Logistics Execution → Define, copy, delete, check warehouse number → Define warehouse number**

2. Enter the following data:

<table>
<thead>
<tr>
<th>Warehouse Number</th>
<th>Warehouse No. Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>W02</td>
<td>W02</td>
</tr>
</tbody>
</table>

3. Save your entry.

### 4.2.2 Assign warehouse number to plant/storage location (BC Set)

You use this procedure to assign the warehouse number to the copied storage locations ROD and AFS in SAP ERP.

1. In Customizing for SAP ERP choose **Enterprise Structure → Assignment → Logistics Execution → Assign warehouse number to plant/storage location.**

2. Enter the data as follows:

<table>
<thead>
<tr>
<th>Plant</th>
<th>Storage Location</th>
<th>Warehouse Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL02</td>
<td>AFS</td>
<td>W02</td>
</tr>
<tr>
<td>PL02</td>
<td>ROD</td>
<td>W02</td>
</tr>
</tbody>
</table>

3. Save your entries.

### 4.2.3 Maintain Extended WM-Specific Parameters (BC Set)

You use this procedure to maintain EWM-specific parameters for your warehouse number in SAP ERP.

**Procedure**

1. In Customizing for SAP ERP choose **Logistics Execution → Extended Warehouse Management Integration → Basic Setup of EWM Connectivity → Maintain Extended WM-Specific Parameters**

2. Enter the data as follows:

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warehouse Number</td>
<td>W02</td>
</tr>
<tr>
<td>Ext.WM</td>
<td>E ERP with EWM (Extended Warehouse Management)</td>
</tr>
<tr>
<td>Comm.WM</td>
<td>Q Queued and Serialized Asynchronous RFC</td>
</tr>
<tr>
<td>UD</td>
<td>-</td>
</tr>
<tr>
<td>Dist.Mode</td>
<td>Distribution Immediately at Document Creation</td>
</tr>
<tr>
<td>SN Dec. WM</td>
<td>X</td>
</tr>
<tr>
<td>BatchDetEW</td>
<td>-</td>
</tr>
<tr>
<td>GR fr. EWM only</td>
<td>-</td>
</tr>
</tbody>
</table>

3. Save your entry
4.2.4  **Determine delivery split by warehouse number (BC Set)**

You use this procedure to determine delivery split per warehouse number for your warehouse in SAP ERP. Since only deliveries created in the ERP warehouse linked to EWM should be transferred to EWM, you activate the delivery split by warehouse to ensure that no deliveries are created containing centrally-managed and EWM-managed items in the same document.

**Procedure**

1. In Customizing for SAP ERP choose *Logistics Execution → Shipping → Deliveries → Define Split Criteria for Deliveries → Delivery Split by Warehouse Number → Determine delivery split per warehouse number*
2. Enter the data as follows:

<table>
<thead>
<tr>
<th>Warehouse No.</th>
<th>Warehouse no. description</th>
<th>Deliv.split by whse number</th>
</tr>
</thead>
<tbody>
<tr>
<td>W02</td>
<td>Warehouse W02</td>
<td>X</td>
</tr>
</tbody>
</table>

3. Save your entry.

4.2.5  **Generate Distribution Model ERP => EWM (Mandatory)**

You use this procedure to generate the distribution model ERP => EWM in SAP ERP.

**Procedure**

1. In Customizing for SAP ERP choose *Logistics Execution → Extended Warehouse Management Integration → Basic Setup Of EWM Connectivity → Generate Distribution Model ERP => EWM*
2. Enter the following data:

<table>
<thead>
<tr>
<th>Warehouse Number</th>
<th>EWM’s Logical System</th>
<th>Distribution Model View</th>
<th>Objects</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>W02</td>
<td>&lt;EWMCLNT001&gt;</td>
<td>EWM</td>
<td>Both</td>
<td>Create Entries</td>
</tr>
</tbody>
</table>

3. Press Execute.

4.2.6  **Define Shipping Data for Plants (BC Set)**

You use this procedure to assign the new customer to the plant in SAP ERP

**Procedure**

1. In Customizing for SAP ERP choose *Materials Management → Purchasing → Purchase Order → Set up Stock Transport Order → Define Shipping Data for Plants*
2. Enter the following data:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PL02</td>
<td>BPPL02C</td>
<td>0001</td>
<td>01</td>
<td>01</td>
<td>EN</td>
</tr>
</tbody>
</table>

3. Save your entry.

4.2.7  **Assign Warehouse Number to Warehouse Number of Decentralized SCM System (Mandatory)**

You use this procedure to assign the SAP ERP warehouse number e.g. W02 to the warehouse number of decentralized SCM system e.g. W002 in SAP ERP.
Procedure

1. In Customizing for SAP ERP choose Integration with Other SAP Components → Extended Warehouse Management → Assign Warehouse Number to Warehouse Number of Decentralized SCM System
2. Enter the following data:

<table>
<thead>
<tr>
<th>Warehouse Number</th>
<th>Warehouse no. description</th>
<th>WHN.DecSCM</th>
</tr>
</thead>
<tbody>
<tr>
<td>W02</td>
<td>Warehouse W02</td>
<td>W002</td>
</tr>
</tbody>
</table>

3. Save your entry.

4.2.8 Transfer Plant, Customer and Vendor from ERP to EWM using CIF (Mandatory)

You use this procedure to transfer the following organizational units/master data from SAP ERP to SAP EWM:

- plant e.g. PL02
- vendor e.g. BPPL02V
- customer e.g. BPPL02C

**Note**

As the new plant e.g. PL02 will use the same shipping points as the plant PL01, the shipping points do not need to be transferred again as they are already existing in EWM.

**Note**

The example data in the following screenshots might differ from the described example data so far. Make sure that you exchange it with your own data.

Procedure

1. In the Easy Access menu for SAP ERP choose Logistics → Central Functions → Supply Chain Planning Interface → Core Interface Advanced Planner and Optimizer → Integration Model → Create or Start transaction CFM1
2. Enter the data as described in the following screen shots:
3. In the Easy Access menu for SAP ERP choose Logistics → Central Functions → Supply Chain Planning Interface → Core Interface Advanced Planner and Optimizer → Integration Model → Create or Start transaction CFM2

4. Select the integration model and press activate

5. Press start
How to Configure an Additional Preconfigured Warehouse Using an Additional Plant

4.2.9 Create Master Data for your new Plant in ERP (Mandatory)

You use this procedure to create master data for your new plant in SAP ERP as described in note 1633933 using BDC files.

⚠️ CAUTION ⚠️
The BDC files are attached to the note and need to be downloaded locally. Make sure that you read the note carefully in order to use the right BDC files.

- Make sure that you adapt the files according to the org data you use, especially replacing of the plant.
- Make sure that you adapt the files according to the system set up you are in (EWM on top of ERP or EWM stand alone) especially the customers, the vendors and the carriers.
- Change the decimal notation in your user defaults (tx. SU3 on the tabstrip Defaults to X 1,234,567.89)

Procedure

1. Read note 1633933 carefully and proceed as described in the note.
2. Make sure that the master data gets transferred from SAP ERP to SAP EWM after creation in ERP. (This should happen automatically if the CIF model is set up as described in the Configuration Guide Integration of SAP ERP with SAP EWM.

4.3 Settings in EWM

4.3.1 Implementation Tool for Warehouse Integration (Mandatory)

You use this procedure to process the implementation tool for warehouse integration (tx. /SCWM/IT_erpwhse) in SAP EWM.

Procedure

Proceed as described in the following screen shots.

⚠️ Note ⚠️
The data in the following screenshots might differ from the described example data so far. Make sure that you exchange it according to your data

⚠️ Note ⚠️
The dataset is just a name. You can choose whatever you like e.g. DS<EWM Warehouse Number>
### Warehouse Integration: Step 1 of 9 (Data Set)

**Data Set**
- **Data Set:** DS002
- **Description:** DS002

### Warehouse Integration: Step 2 of 9 (Use Case)

**Use Case Selection**
- **Use Case:** Implement the standard warehouse with preconfigured processes
- **Options:**
  - Implement the standard warehouse
  - Implement your own warehouse

**ERP Logical System**
- **ERP Logical System:** ERPCLNT001

### Warehouse Integration: Step 3 of 9 (Warehouse Definitions)

**EWM Warehouse**
- **Warehouse Number:** W002
- **Description:** Warehouse W002

**ERP Warehouse**
- **Warehouse Number:** W02
4.3.2  Implement BC Set for Number Ranges (Mandatory)
You use this procedure to activate the BC Set in SAP EWM.

Procedure

1. In the Easy Access menu for SAP EWM choose  **Tools → Customizing → Business Configuration Sets → Activation of BC Sets**
2. Enter BC Set /SCWM/PRC_20N
3. Press activate and enter the following data:
   - Warehouse Number e.g. W002
4. Press copy values

4.3.3  Activate Application Log in EWM

Procedure
You use this procedure to activate application logs for your warehouse

1. In the Easy Access menu for SAP EWM choose  **Settings → Activate Application Log**
2. Create the following entries:
### How to Configure an Additional Preconfigured Warehouse Using an Additional Plant

<table>
<thead>
<tr>
<th>Subobject</th>
<th>Log Active</th>
<th>Validity</th>
</tr>
</thead>
<tbody>
<tr>
<td>REPLENISHMENT</td>
<td>Additional Information</td>
<td>90</td>
</tr>
<tr>
<td>WAVE_REL</td>
<td>Additional Information</td>
<td>90</td>
</tr>
<tr>
<td>WHS_TASK</td>
<td>Additional Information</td>
<td>90</td>
</tr>
<tr>
<td>WHOLOG</td>
<td>Additional Information</td>
<td>90</td>
</tr>
<tr>
<td>IMPL_TOOL</td>
<td>Additional Information</td>
<td>90</td>
</tr>
<tr>
<td>LOG_GENERAL</td>
<td>Additional Information</td>
<td>90</td>
</tr>
</tbody>
</table>

3. Save your entries.
4. In the Easy Access menu for SAP EWM choose Settings → Warehouse Order → Set Up Control Parameters for Warehouse Order Creation
5. Create the following entry:

<table>
<thead>
<tr>
<th>Warehouse Number</th>
<th>Log</th>
</tr>
</thead>
<tbody>
<tr>
<td>W002</td>
<td>x</td>
</tr>
</tbody>
</table>

6. Save your entries.

### 4.3.4 Create Master Data in EWM (Mandatory)

You use this procedure to create master data, warehouse structure and process data in SAP EWM using a master data report

#### Procedure
1. Start transaction /SCWM/PRC_MD in SAP EWM and enter your new EWM warehouse number and your new entitled
2. Press Select all and press F8

#### Note
The default entitled is the vendor you created for your plant. It can be selected via search help.
4.3.5 Specify Packaging Materials for Collective Hus (Mandatory)

You use this procedure to configure the automatic Handling Unit Creation for the ‘Inbound Process with Repacking for Putaway’.

Procedure

1. In the Easy Access menu for SAP EWM choose Settings → Specify Packaging Materials for Collective Hus
2. Create the following entry

<table>
<thead>
<tr>
<th>Warehouse Number</th>
<th>Packaging Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>W002</td>
<td>COLLECTIVE_HU</td>
</tr>
</tbody>
</table>

3. Save your entry.
4.3.6 Staging Area and Door Determination Inbound (Mandatory)

You use this procedure to configure the determination of Staging Areas, Doors, and Goods Movement Bins:

Procedure

1. In the Easy Access menu for SAP EWM choose SCM Extended Warehouse Management → Settings → Shipping and Receiving → Staging Area and Door Determination (Inbound)
2. Create the following entries

   **Note**
   You might have to change the view to your new warehouse. Choose from the menu table view → other view. Enter your warehouse number e.g. W002 and press enter.

   **Table:**
<table>
<thead>
<tr>
<th>Warehouse</th>
<th>Warehouse Process Type</th>
<th>Sequence No.</th>
<th>Staging Area Group</th>
<th>Staging Area</th>
<th>Staging Bay</th>
<th>Door</th>
</tr>
</thead>
<tbody>
<tr>
<td>W002</td>
<td>P110</td>
<td>-</td>
<td>T910</td>
<td>S001</td>
<td>GR-ZONE</td>
<td>-</td>
</tr>
<tr>
<td>W002</td>
<td>P111</td>
<td>1</td>
<td>T911</td>
<td>S001</td>
<td>STAGE-I02</td>
<td>DI02</td>
</tr>
<tr>
<td>W002</td>
<td>P111</td>
<td>2</td>
<td>T911</td>
<td>S001</td>
<td>STAGE-I03</td>
<td>DI03</td>
</tr>
<tr>
<td>W002</td>
<td>P430</td>
<td>-</td>
<td>T820</td>
<td>S001</td>
<td>QUAL-I01</td>
<td>DI01</td>
</tr>
</tbody>
</table>

3. Save your entry.

4.3.7 Staging Area and Door Determination Outbound (Mandatory)

You use this procedure to configure the determination of Staging Areas, Doors, and Goods Movement Bins:

Procedure

1. In the Easy Access menu for SAP EWM choose SCM Extended Warehouse Management → Settings → Shipping and Receiving → Staging Area and Door Determination (Outbound)
2. Create the following entries

   **Table:**
<table>
<thead>
<tr>
<th>Warehouse</th>
<th>Route</th>
<th>Warehouse Process Type</th>
<th>Staging Area Group</th>
<th>Staging Area</th>
<th>Staging Bay</th>
<th>Warehous e Door</th>
</tr>
</thead>
<tbody>
<tr>
<td>W002</td>
<td>W002_OUTS</td>
<td>P210</td>
<td>T921</td>
<td>S001</td>
<td>STAGE-O01</td>
<td>DO01</td>
</tr>
<tr>
<td>W002</td>
<td>W002_CU001</td>
<td>P211</td>
<td>T920</td>
<td>S001</td>
<td>STAGE-O02</td>
<td>DO02</td>
</tr>
<tr>
<td>W002</td>
<td>W002_CU002</td>
<td>P211</td>
<td>T920</td>
<td>S001</td>
<td>STAGE-O03</td>
<td>DO03</td>
</tr>
<tr>
<td>W002</td>
<td>W002_CU003</td>
<td>P211</td>
<td>T920</td>
<td>S001</td>
<td>STAGE-O02</td>
<td>DO02</td>
</tr>
<tr>
<td>W002</td>
<td>W002_CU004</td>
<td>P211</td>
<td>T920</td>
<td>S001</td>
<td>STAGE-O03</td>
<td>DO03</td>
</tr>
</tbody>
</table>

3. Save your entry.

4.3.8 Maintain Wave Templates (Mandatory)

You use this procedure to configure a wave template in SAP EWM

Procedure

On the SAP Easy Access screen for Extended Warehouse Management, choose
1. In the Easy Access menu for SAP EWM choose Extended Warehouse Management → Work Scheduling → Wave Management → Maintain Wave Templates

<table>
<thead>
<tr>
<th>Warehouse</th>
<th>Template</th>
<th>Description</th>
<th>Release Method</th>
<th>Wave Type</th>
<th>Category</th>
<th>Assignment</th>
<th>P (Behavior During Pick Denial)</th>
</tr>
</thead>
<tbody>
<tr>
<td>W002</td>
<td>100</td>
<td>Automatic Wave Release</td>
<td>A (Automatic)</td>
<td>WT01</td>
<td>C1</td>
<td>-</td>
<td>B</td>
</tr>
</tbody>
</table>

2. Select the new entry and in the dialog structure choose Define Wave Template Time Attributes

3. Create the following entries

<table>
<thead>
<tr>
<th>Warehouse</th>
<th>Wave Template</th>
<th>Wave Template Option</th>
<th>Wave Cutoff Time</th>
<th>Wave Release Time</th>
<th>Picking Completion</th>
<th>Picking Complete</th>
<th>Staging Completion</th>
<th>Picking Complete</th>
<th>Wave Completion</th>
<th>Calendar</th>
</tr>
</thead>
<tbody>
<tr>
<td>W002</td>
<td>100</td>
<td>1</td>
<td>06:00:00</td>
<td>06:30:00</td>
<td>09:00:00</td>
<td>09:15:00</td>
<td>11:00:00</td>
<td>11:15:00</td>
<td>09:30:00</td>
<td>01</td>
</tr>
<tr>
<td>W002</td>
<td>100</td>
<td>2</td>
<td>08:00:00</td>
<td>08:30:00</td>
<td>10:00:00</td>
<td>11:00:00</td>
<td>11:15:00</td>
<td>11:30:00</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>W002</td>
<td>100</td>
<td>3</td>
<td>10:00:00</td>
<td>10:30:00</td>
<td>13:00:00</td>
<td>14:00:00</td>
<td>14:15:00</td>
<td>14:30:00</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>W002</td>
<td>100</td>
<td>4</td>
<td>12:00:00</td>
<td>13:30:00</td>
<td>15:00:00</td>
<td>16:00:00</td>
<td>16:15:00</td>
<td>16:30:00</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>W002</td>
<td>100</td>
<td>5</td>
<td>15:00:00</td>
<td>15:30:00</td>
<td>17:00:00</td>
<td>18:10:00</td>
<td>18:15:00</td>
<td>18:30:00</td>
<td>01</td>
<td>01</td>
</tr>
</tbody>
</table>

4. Save your entries

### 4.3.9 Maintain Conditions for Determining Wave Templates (Mandatory)

You use this procedure to configure the condition record for wave template determination in SAP EWM

**Procedure**

1. In the Easy Access menu for SAP EWM choose Extended Warehouse Management → Work Scheduling → Wave Management → Maintain Conditions for Determining Wave Templates
2. In the item area enter condition type 0ODL and press enter.
3. Now complete the created record as follows:

<table>
<thead>
<tr>
<th>Condition Type</th>
<th>Document Category</th>
<th>Warehouse</th>
<th>Template</th>
<th>Valid From</th>
<th>Valid To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0ODL</td>
<td>PDO</td>
<td>W002</td>
<td>100</td>
<td>Today’s Date</td>
<td>9999-12-31</td>
</tr>
</tbody>
</table>

4. Save your entry.

### 4.3.10 Define Master Data Attributes (Mandatory)

You use this procedure to add the packaging materials to the work center in SAP EWM

**Procedure**

1. In the Easy Access menu for SAP EWM choose Extended Warehouse Management → Master Data → Work Center → Define Master Data Attributes
2. Enter the data as follows:
How to Configure an Additional Preconfigured Warehouse Using an Additional Plant

<table>
<thead>
<tr>
<th>Warehouse</th>
<th>Work Center</th>
<th>Description</th>
<th>Storage Bin</th>
<th>Packaging Material</th>
<th>Storage Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>W002</td>
<td>WP02</td>
<td>Work Center - Packing Outbound</td>
<td>PACK-001</td>
<td>EUROPALLET</td>
<td>T831</td>
</tr>
<tr>
<td>W002</td>
<td>WP03</td>
<td>Work Center - Packing Outbound</td>
<td>PACK-002</td>
<td>EUROPALLET</td>
<td>T831</td>
</tr>
</tbody>
</table>

3. Save your entries.

4.3.11 Determine Work Center in Goods Issue (Mandatory)

You use this procedure to configure the Work Center Determination in SAP EWM:

Procedure

1. In the Easy Access menu choose Extended Warehouse Management → Master Data → Work Center → Determine Work Center in Goods Issue

3. Create the following entries:

<table>
<thead>
<tr>
<th>Warehouse</th>
<th>Route</th>
<th>Storage Type</th>
<th>Storage Section</th>
<th>Storage Bin</th>
</tr>
</thead>
<tbody>
<tr>
<td>W002</td>
<td>W002_CU001</td>
<td>T831</td>
<td>S001</td>
<td>PACK-001</td>
</tr>
<tr>
<td>W002</td>
<td>W002_CU002</td>
<td>T831</td>
<td>S001</td>
<td>PACK-002</td>
</tr>
<tr>
<td>W002</td>
<td>W002_CU003</td>
<td>T831</td>
<td>S001</td>
<td>PACK-001</td>
</tr>
<tr>
<td>W002</td>
<td>W002_CU004</td>
<td>T831</td>
<td>S001</td>
<td>PACK-002</td>
</tr>
</tbody>
</table>

4.3.12 Assign User to Tolerance Group for Recount/Clearing (Mandatory)

You use this procedure to assign user to tolerance groups for inventory recount/clearing:

Procedure

1. In the Easy Access menu for SAP EWM choose Extended Warehouse Management → Settings → Physical Inventory → Assign User to Tolerance Group for Recount/Clearing

3. Create the following entries:

<table>
<thead>
<tr>
<th>User</th>
<th>Activity Area for Physical Inventory</th>
<th>Tolerance Group for Posting</th>
<th>Tolerance Group for Recount</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;user counter&gt;</td>
<td>-</td>
<td>COUNTER</td>
<td>COUNTER</td>
</tr>
<tr>
<td>&lt;user clerk&gt;</td>
<td>-</td>
<td>CLERK</td>
<td>-</td>
</tr>
<tr>
<td>&lt;user supervisor&gt;</td>
<td>-</td>
<td>SUPERVISOR</td>
<td>-</td>
</tr>
</tbody>
</table>

4.3.13 Assign User to Tolerance Group for Difference Analyzer (Mandatory)

You use this procedure to assign users to tolerance groups for postings with the difference analyzer:

Procedure

1. In the Easy Access menu for SAP EWM choose Extended Warehouse Management → Settings → Physical Inventory → Assign User to Tolerance Group for Difference Analyzer:

3. Create the following entries:

<table>
<thead>
<tr>
<th>User</th>
<th>Tolerance Group for Difference Analyzer</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;user background&gt;</td>
<td>BACKGROUND</td>
</tr>
</tbody>
</table>
### How to Configure an Additional Preconfigured Warehouse Using an Additional Plant

#### User Tolerance Group for Difference Analyzer

<table>
<thead>
<tr>
<th>User</th>
<th>Tolerance Group for Difference Analyzer</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;user clerk&gt;</td>
<td>CLERK</td>
</tr>
<tr>
<td>&lt;user supervisor&gt;</td>
<td>SUPERVISOR</td>
</tr>
</tbody>
</table>

3. Save your entries.
5. Appendix

How to set up an additional preconfigured warehouse using additional storage locations

Another option how to set up an additional preconfigured warehouse could be to use new storage locations for your existing plant used for the preconfigured processes in your standard warehouse. You could set up a new warehouse e.g. W11 assigned to the existing plant e.g. PL01 and new storage locations AFS1 and ROD1 in your ERP system.

**Note**
Prerequisite is again that in your EWM system a standard warehouse with preconfigured processes must be up and running.

**CAUTION**
The following procedure is not a detailed description. Therefore it should only be used by experienced consultants who are familiar with setting up the integration between ERP and EWM. For not so experienced consultants we recommend to use the option described above using a new plant.

You use this procedure to set up an additional preconfigured warehouse using additional storage locations

**Procedure**

1. In SAP ERP create 2 new storage locations: AFS1 and ROD1 in existing plant e.g. PL01 used for preconfigured warehouse processes by copy of existing ones e.g. AFS and ROD
   In Customizing for SAP ERP choose Enterprise Structure → Definition → Materials Management → Maintain Storage Location
2. In SAP ERP create EWM relevant warehouse W11 in ERP
   In Customizing for SAP ERP choose Enterprise Structure → Definition → Logistics Execution → Define, copy, delete, check warehouse number → Define warehouse number
3. In SAP ERP assign the warehouse number W11 to the created storage locations AFS1 and ROD1
   In Customizing for SAP ERP choose Enterprise Structure → Assignment → Logistics Execution → Assign warehouse number to plant/storage location
4. In SAP ERP maintain EWM-specific parameters as described in the integration guide
   In Customizing for SAP ERP choose Logistics Execution → Extended Warehouse Management Integration → Basic Setup of EWM Connectivity → Maintain Extended WM-Specific Parameters
5. In SAP ERP determine delivery split per warehouse number for your warehouse as described in the integration guide
   In Customizing for SAP ERP choose Logistics Execution → Shipping → Deliveries → Define Split Criteria for Deliveries → Delivery Split by Warehouse Number → Determine delivery split per warehouse number
6. In SAP ERP assign goods receiving point to plant/storage location e.g. AFS1 – 0002, ROD1 – 0002
   In Customizing for SAP ERP choose Logistics Execution → Shipping → Basic Shipping Functions → Shipping Point and Goods Receiving Point Determination → Assign Goods Receiving Points for Inbound Deliveries
7. In SAP ERP “Generate Distribution Model ERP => EWM” as described in the integration guide
   transaction /SPE/OL19
8. In EWM create a SCU for your warehouse with type 1001. Make sure that the SCU is created on the tab strip Alternative for Business Attribute \textit{INV} = \textit{Warehouse} and for Business Attribute \textit{PLOC} = \textit{Planning Location}.

   In the Easy Access menu for SAP EWM choose \textit{Extended Warehouse Management} \rightarrow \textit{Master Data} \rightarrow \textit{Maintain Supply Chain Unit}

9. For the location created for the SCU assign model 000

   In the Easy Access menu for SAP EWM choose \textit{SCM Basis} \rightarrow \textit{Master Data} \rightarrow \textit{Location}
   \begin{itemize}
   \item a. Enter your location
   \item b. Press \textit{Assign Model} (\textit{SHIFT}+\textit{F9})
   \end{itemize}

10. In SAP ERP create customers and carriers in ERP by use of BDC data files, see note 1633933 and CIF them. You can do this manually by creating and activating a new CIF model (tx. \textit{CFM1} and \textit{CFM2}) or by changing/adjusting the existing report scheduling as described in the integration guide)

   \begin{itemize}
   \item Note
   \end{itemize}

   You do not need to create new products as they are already created for plant PL01 and the storage location dependent views will be created automatically upon goods receipt.

11. In EWM process the implementation tool for warehouse integration (tx. /\textit{SCWM/IT_ERPWHSE}) for the EWM warehouse number e.g. \textit{W011}. Use the created SCU in step c “Organizational Units”

12. Create the master data in EWM using master data report /\textit{SCWM/PRC_MD}

13. Maintain everything as it is described in chapter 4.3.3 – 4.3.11 for your new warehouse.