1. Create Company Structure

Overview

In Produmex WMS you can create your company structure by defining Organizational Structure Elements (OSEs). You can define them manually and you can also import zones and bin locations with the Import Tool.

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The following elements can be created in the structure:

Element	Description
Company	A company can be created only once per company database
Warehouse	The warehouse marks the highest level below a company. It refers to the place where goods are received, stored and from which they are shipped and it can also be the location where goods are transformed (manufactured or packaged). A warehouse in Produmex must always be linked to a warehouse in SAP Business One.
Zone	The zone is a specific area in the warehouse where certain functions are grouped (e.g. goods receipt, shipping, packaging, etc.)
Production Line	The production line is a line where goods are produced and packaged (as a part of a warehouse).
Packing Line	The packing line is a line where goods that are picked on a movable location can be packed onto a logistic carrier to be shipped as a logistic unit.
Dock	The doc is a location where goods are received and/or shipped (as a part of a warehouse).
Warehouse Automation Location	The Warehouse Automation Location is an automated warehouse (mini load) that manages input and output of items automatically. Produmex does not manage the individual locations (boxes) in the automated warehouse, but keeps track of the inventory on a global level.
Bin	The bin is an individual storage location managed by Produmex.
Silo Tank	The silo tank is a fixed bulk storage location.
Movable Location	The movable location is a movable storage location (e.g. a picking cart) on which goods are temporarily stored after picking and before they are packed on a logistics carrier or used in production (e.g. a forklift).
Thin Client	The Thin Client (or Mobile Client / Fat Client) is a fixed or mobile operator station (e.g. a touch screen, a handheld terminal) by which the operator interacts with Produmex.
Printer	It marks a printer at a specific location or connected to a specific thin client.
Scale	One scale can only belong to a single weighing room / dock / packing station.
Weighing room	

1. Create your company

Create your company in the Organizational Structure and define the general company settings.

1. Go to Produmex menu > Organizational Structure.

- 2. Right-click on your company, select New OSE and select Company.
- 3. Fill in the Name and Code fields.
- 4. Set a default language for your Mobile Client in the Language drop-down menu.
- 5. Provide your MS SQL / HANA credentials in the DB User Name and Password fields.
- 6. Fill in the PMX License Server field.
- 7. Click 0K.

Organizational Structure - Produmex WMS Add	-On				
Search	Code Name	COMP WMS_Demo			
	General Defaults Extensi	on Parameter Pro	duction SSCC Repor	ts Print Events Zone Types Page	Sizes (++
	Company Logo URL	English (3)	Y		
	DB User Name	sa			
	PMX License Server	PDMX_License_S	ierver		
	Logistic Carriers Store Logistic Carriers Quality Status for Logistic	on 1 Storage Locati Carriers	on by Warehouse	Move All Logistic Carriers on Recepti	ion
	Select Driver When Load Select License Plate Wh Select Trailer Number W	ding nen Loading 'hen Loading		Goods Receipt Requires Suppl. Ref Goods Receipt Automatically Prints It	tem Labels
	Use Inventory Returnabl	e Items on Documer le Items on Documer e Items	nts [Disable Item Selection in Flows	
	Picklist Proposal Allowed Do Not Lock Stock on F Allow Overpicking	l to Exceed Order licking (Picklists can	be created even if no st	ock is available.)] Allow Overpicking (Customer Collect)	,
	Count Colli After Picking				
	Embed .NET forms in SE	3O forms	C	Usability Improvement Program	
< >>	Ok Cancel			[Export
					Close

2. Define SAP warehouse settings

Define your SAP warehouse settings. Produmex WMS adds the following user defined fields (UDFs) to the SAP warehouse settings:

- Is managed by Produmex?
- Is transit WHS?

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Warehouses-(Default) - Setup			_ 🗆 🗙	◀ ▼ ▶ General		* <u>×</u>
Warehouse Code 01	Warehouse Name	General Warehouse		Is managed by Produmex? Is transit WHS?	True False	T T
General	Accounting					_
Inactive VAT Code	> NY New York	Drop-Ship				
Location	New York 🔻	✓ Nettable				
		Allow Use Tax				

There are three possible combinations of the UDFs:

Managed by PMX	Transit WHS	WMS Terminology	Setup needed in the Organizational Structure	Example	Can be used on scanner
TRUE	FALSE	WMS warehouse	YES - full setup	Main stock warehouse	YES - full usage
FALSE	TRUE	Transit warehouse	YES - only warehouse & dock required	truck, sales employee stock, etc.	YES - Ad-hoc moves, Receive from warehouse, Picking for Transfer Requests
FALSE	FALSE	Standard SAP warehouse	NO	Standard SAP Production warehouse, other SAP warehouse	NO
TRUE	TRUE	N/A	/N/A	Not possible	N/A

3. Create PMX WMS warehouses

Create your PMX WMS warehouses in the Organizational Structure and define the warehouse settings.

- 1. Go to Produmex menu > Organizational Structure.
- 2. Right-click on your company, select New OSE and select Company.
- 3. Fill in the Name and Code fields. Use the same code as defined in SAP Business One.
- 4. Link the warehouse to the SAP Business One warehouse in the Warehouse drop-down list.
- 5. Click 0K.

Organizational Structure - Produmex WMS Add	d-On	
Crganizational Structure Grue WMS Demo (COMP) - Empty = 52/5	Code Name	01 GeneralWarehouse
in ()	Warehouse	General Warehouse (01)
	Stor. Loc. Logistic Carriers	
	Stor. Loc. Returnable Items	✓
	Location 'Lost and Found'	×.
	Use Location Suggestions	s?

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4. Create additional elements

Define the structure of your company by creating the necessary Organizational Structure Elements, for example create the zones, docks, bin locations of your warehouses.

Example of Organizational Structure



1. Go to Produmex menu > Organizational Structure.

2. Right-click on your company, select New OSE and select the necessary Organizational Structure Element.

Organizational Structure - Produmex WMS /	Add-On					
Search	Code Name		ProdumexWMS_Demo PMX WMS Demo			
PMX WMS Demo (ProdumexWMS						
New OS	E 🕨	Bin		SSCC Repo	rts Print Events Zone Type	es Page Sizes (• •
Delete		Company		~		
	Co	Dock				
		Movable Locati	on	-		
	DE	Packing Line				
	DE	Printer				
	PN	Production Line	2			
		Scale				
		SiloTank		Varehouse [Move All Logistic Carriers of	n Reception
		Thin Client		ased (RELEASE	D) ~:	
		Warehouse		[Goods Receipt Requires Su	uppl. Ref
	H	Warehouse Auto	omation Location		Goods Receipt Automatical	lly Prints Item Labels
		Weighing room			Disable Item Selection in El	
		Zone			Disable item Selection in Fi	ows
	Ch Ch	eck to Add Returnabl	le Items	_		
	Pic	klist Proposal Allowed	d to Exceed Order			
		Not Lock Stock on F	Picking (Picklists can be c	reated even if no s	tock is available.)	- C-II
		ow Overpicking		l	Allow Overpicking (Custome	er Collect)
		unt Colli After Picking				
	Fr Fr	bed NET forms in St	BO forms	ſ	Usability Improvement Prog	ram
					g county improvement may	
<	>)k Cancel				Export
						Close

3. Provide a code and a name for the element and define its settings.

Tip: You can also import zones and bin locations with the Import Tool. For more information click here.

4. To create a sub-element, right-click on an element in the Organizational Structure, select New OSE and select the necessary sub-element.

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Organizational Structure - Produmex WMS Ad	d-On			
Organizational Structure	Search	Code Name	WH_1 Warehouse 1	
PMX WMS Demo (ProdumexWMS_D Warehouse 1 (WH 1) • Emoty = New OSE • Delete	emo) - Empty = 12/31 (39%) Bin Company Dock Movable Loca Packing Line Printer Production Li Scale SiloTank Thin Client Warehouse Warehouse Av Weighing roo Zone	Name Warehouse Ition ne utomation Location m	Warehouse 1 General Warehouse (01) Logistic Carrier 1 (LC_1) s?	
<	>	Ok Cance	Inventory	Close

5. Define Organizational Structure settings

1. Beside the general settings, define additional settings on a company level. For information click here.

Organizational Structure - Produmex WMS Add	l-On		_ 🗆 🗙
Organizational Structure WMS_Demo (COMP)	Code Name	COMP WMS_Demo	
	Language Company Logo URL	English (3)	
	DB User Name DB Password	Sa	
	PMX License Server Logistic Carriers ✓ Store Logistic Carrier Quality Status for Logisti Select Driver When Lo Select License Plate V Select Trailer Number	rs on 1 Storage Location by Warehouse Move All Logistic C ic Carriers Released (RELEASED) Dading Goods Receipt Re When Loading Goods Receipt Au When Loading	Carriers on Reception

2. Define the settings of your Organizational Structure Elements. For more information on the settings click here.

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