

BEAS MANUFACTURING

2022.06 RELEASE NOTES

JUNE 2022



2022.06 Highlights

Production

- New WIP account for Labor and surcharge costs.

Batch Calculation

- Batch calculation speed optimization and fixes.

WMS integration

- Beas reservations are considered automatically in WMS Picklists.
- WMS Pick Lists are displayed in WO Structure view.
- PickList for Production window has new field "BatchNum".
- WebApps: WMS Batch attributes are supported.

WebApps

- Session ID is now always unique.

Usability

- Web Terminal / Web Product Configurator and Asynchronous app mode settings gathered in a central place: the Configuration wizard



Production

New WIP account for Labor and surcharge costs

Beas allows to define WIP accounts for Labor and surcharge costs.

You can define a new WIP account in the Cost Element definition.

To keep compatibility with old installations if WIP Surcharge and WIP Labor is not defined, the system reads the "WIP Inventory Account" field.

When you create time receipts with costs, the system generates WIP information in separate accounts (if defined).

The image shows two SAP screenshots. The left screenshot is the 'Cost Element LABOR' configuration screen. The right screenshot is the 'Work Orders' list and details view.

Cost Element LABOR Configuration:

- Cost Element: LABOR
- Description: LABOR_modif
- Group: STANDARD
- At time receipt direct booking on:
 - Account Marginal Cost: [empty]
 - Account Fix costs: 123000 123000
 - Account Full Cost: 123000 123000
 - WIP Inventory Account: 610000 Variación de existencias de mercaderías (if empty, then WIP of assembly)
- Surcharge on:
 - Marginal Cost %: 20.00
 - Full Cost %: 20.00
- Surcharge at time receipt post immediately to:
 - Account Marginal Cost: [empty]
 - Account Fix costs: 124000 124000
 - Account Full Cost: 124000 124000
 - WIP Surcharge: 630000 (highlighted with a red circle)
- Labor costs:
 - Account Marginal Cost: [empty]
 - Account Fix costs: [empty]
 - Account Full Cost: [empty]
 - WIP labor costs: 605000 (highlighted with a red circle)

Work Orders List:

Document	Sales Order	Date	Customer	Name
20201192	2937	04.05.2022		Lager
10	FPCOST			Finished Product / Normal for Costs
Journal entries				
Document 19021: Book differences Pos. 10 (04/05/2022)				
Document 19020: receipt Pos. 10 (04/05/2022)				
Document 19019: issue Pos. 10 (04/05/2022)				
Document 19018: New Time Receipt Pos. 10/20 (04/05/2022)				
39203 04/05/2022 Timereceipt				
123000			Fix costs	123000
610000			Fix costs	Variación de existencias de mercaderías
123000			Full Cost	123000
610000			Full Cost	Variación de existencias de mercaderías
124000			Overhead Costs fix 10.0% /10.0%	124000
630000			Overhead Costs fix 10.0% /10.0%	Impuestos
124000			Overhead Costs Full Costs 10.0% From 4.0%	
630000			Overhead Costs Full Costs 10.0% From 4.0%	
125000			labor costs Full Costs	Perdidas y ganancias
605000			labor costs Full Costs	Diferencias de precios

Red circles in the Work Orders list highlight the cost entries: 610000, 630000, and 605000.



Batch Calculation

Batch calculation speed optimization and fixes

- Beas now can save a calculation when the calculated Item has no Item description.
- The calculation process was optimized, so calculations with many items will finish much faster.

The screenshot displays the 'Batch calculation' interface. At the top, a table lists the batch calculations:

#	Number	Description	Type	Automatically	Status	Remark	Last Calculation
1	2	Actual	Valuation	<input checked="" type="checkbox"/>	ok	Actual	06.04.2022 15:35
2	3	test hb	Simulation	<input type="checkbox"/>	ok	test	09.05.2022 16:35
3	9	TFS- 73697-1	Valuation	<input type="checkbox"/>	ok	HB remark	09.05.2022 16:25

Below this, a detailed view for 'Batch calculation 9' is shown. It includes a 'Result' tab and a 'Master Data' tab. The 'Result' tab displays a table with columns for 'Number', 'Date', 'Info', 'For item view', and 'For standard costs'.

Number	Date	Info	For item view	For standard costs
72	09.05.2022 16:25	TFS- 73697-1	<input type="checkbox"/>	<input type="checkbox"/>
71	09.05.2022 16:18	TFS- 73697-1	<input type="checkbox"/>	<input type="checkbox"/>
70	09.05.2022 16:11	TFS- 73697-1	<input type="checkbox"/>	<input type="checkbox"/>
69	09.05.2022 16:05	TFS- 73697-1	<input type="checkbox"/>	<input type="checkbox"/>

The 'Master Data' tab displays a detailed table with columns for '#', 'Date', 'Schema', 'Item', 'Description', 'Remark', 'Description', and 'Material MargCosts (material)'. The table contains 13 rows of data:

#	Date	Schema	Item	Description	Remark	Description	Material MargCosts (material)
1	09.05.2022	Std	TFS10929	default	HB remark	TFS- 73697-1	0,000000
2	09.05.2022	Std	TFS-10929	default	HB remark	TFS- 73697-1	135,720159
3	09.05.2022	Std	TFS11087	wie calc2 ohne tools	HB remark	TFS- 73697-1	2,000000
4	09.05.2022	Std	TFS-16505	FG with Phantom Item	HB remark	TFS- 73697-1	0,000000
5	09.05.2022	Std	TFS-16505	FG with Phantom Item	HB remark	TFS- 73697-1	0,000000
6	09.05.2022	Std	TFS-17949	Resource test	HB remark	TFS- 73697-1	0,000000
7	09.05.2022	Std	TFS18409	default	HB remark	TFS- 73697-1	0,000000
8	09.05.2022	Std	TFS-19637	FG order related	HB remark	TFS- 73697-1	0,000000
9	09.05.2022	Std	TFS-19637	FG order related	HB remark	TFS- 73697-1	0,000000
10	09.05.2022	Std	TFS-20242	FG order related	HB remark	TFS- 73697-1	0,000000
11	09.05.2022	Std	TFS22190	Testitem for TFS 22190	HB remark	TFS- 73697-1	0,000000
12	09.05.2022	Std	TFS-22948	FG order related	HB remark	TFS- 73697-1	0,000000
13	09.05.2022	Std	TFS-23434	FG with Phantom Item	HB remark	TFS- 73697-1	0,000000

The interface includes navigation buttons: 'Open' (with a back arrow) and 'Cancel' (with a 'Detail' button).

Window: pk_batchkalk_browse.psr

WMS integration

NEW functionality: Picklist for Production process is improved to load Beas reservations

WORKFLOW:

1. Create WO in Beas
2. Reserve specific batches for the current WO
3. Generate a Picklist for Prod.
4. The Picklist generation assigns the batches already reserved in Beas for this WO
5. The system deletes the Beas reservation and reservation will be on WMS Picklist object
6. User can start the picking process

The screenshot displays the SAP Work Orders interface. The main table shows a reservation for material 222 01 1-A-2 2616. The Picklist dialog is open, showing a table with columns for Picked #, Open #, Total Proposal #, Total Open #, Total Variance, UoM, Picked Qty UoM2, Open # UoM2, UoM, and Batch Number. A red circle highlights the Batch Number 222 in the Picklist table, and a red arrow points from the reservation in the Work Orders table to this cell.

#	Picked #	Open #	Total Proposal #	Total Open #	Total Variance	UoM	Picked Qty UoM2	Open # UoM2	UoM	Batch Number	Bes...
0	0.00	1.00	1.00	1.00	0.00	Pcs				222	

7. When the user picks the materials, a new reservation is transferred to Beas for a new location.



WMS integration

Beas can display WMS Pick Lists in the WO structure view .

Important: Beas only displays Pick Lists with Status "**Ready**", because these are pick lists with bin Locations and batch details.

341	000292	02/06/2022	Almacén	02/06/2022	02/06/2022	FP_B_O		Stock	
10	FP_B_O	Finished Product / Batch / Make To Order		02/06/2022	02/06/2022	10.0000	0.0000 Pcs	0.0000 / Pcs	
10	A RM	Raw Material / Normal				10.0000	0.0000 Pcs	11,235.1000 Pcs	MatchRM DINRM
20	RM_B	Raw Material / Batch				10.0000	0.0000 Pcs	2,037.0000 Pcs	
	RM_B	111 01 1-A-2 2615					1.0000 Pcs		
	RM_B	444 01 1-A-1 1049					4.0000 Pcs		
	RM_B	222 01 1-A-1					3.0000 Pcs		
	RM_B	123456 01 1-A-1 2149					2.0000 Pcs		
30	RM_S	Raw Material / Serial				10.0000	0.0000 Pcs	8.0000 Pcs	
10	D-01-1T STD 00U	Internal Operation STMP002 - Standard (default) Begun		02/06/2022	02/06/2022	755.0000	Min		Pool 1

Window *fert_stuktur_browse.psr*

WMS integration

New field "Batch" in the WMS Picklist for Production window.

This field contains the list of all batches reserved for a specific work order position.

Important: This new field shows all linked batches separated by "|" in one single record.

Beas Manufacturing 2022.09.00.00 for MSSQL (BETA) * DEV-MODE * SBO_WMS dba

Edit Master data Production Service Quality control Materials management Calculation Attendance Business Performance Tools Window Help

Pick list for production

Pre-assign All pre-assign All Mark Pre-assignment Delete Create request

Demand Date: 23/06/2022

#	Document	Pos 1	Bill of Item	Planned quantity	Beas requested	Picklist Proposal	Pending request	Picked	Pending picking	Request	Inventory UoM	Warehouse	Warehouse Name	WMS Production Line	Reserved	Batch
1	360	10	10 RM	10,0000	0,0000	0,0000	10,0000	0,0000	0,0000	0,0000	11.228,1000 Pcs	01	General Warehouse (WMS)	BeasProdLine	=	0,0000
2	360	10	20 RM_B	10,0000	0,0000	0,0000	10,0000	0,0000	0,0000	10,0000	2.130,0000 Pcs	01	General Warehouse (WMS)	BeasProdLine	=	10,0000 222
3	360	10	30 RM_S	10,0000	0,0000	0,0000	10,0000	0,0000	0,0000	0,0000	8,0000 Pcs	01	General Warehouse (WMS)	BeasProdLine	=	0,0000

Window *wmpickproduction.psr*

WMS integration

NEW functionality: WMS Batch Attributes support in Beas WebApps

Fill mandatory attribute information in the “Extended: batch information” screen in the individual apps.

All field types (String, Date, List, Numbers) are supported.

Limitation:

Currently, only one Batch per receipt process is possible.

In the following WebApps the Batch Attributes are supported:

WO Goods Receipt

WO Backflushing

WO Stop

Wo Time Receipt

Goods Receipt

✕
Batches: Extended Information

Shelf life in days

Expiration date
dd/mm/yyyy

Details
Details

PMX Attributes

String optional
String optional

Decimal optional value
Decimal optional value

String Mandatory
String Mandatory

WebApps

NEW FUNCTIONALITY: Session ID is now always unique

If too many clients were logged in to the same Web service (in the same second) it was possible that 2 clients received the same session ID. This produced various problems.

Now the session ID is always unique for each client.

Note:

Limit = 50 Clients / WEB Service.



Usability

With WebApps Terminal 2.0 and WEB Configurator Beas has grown with many additional settings.

Meanwhile, it was not simple to find these settings.

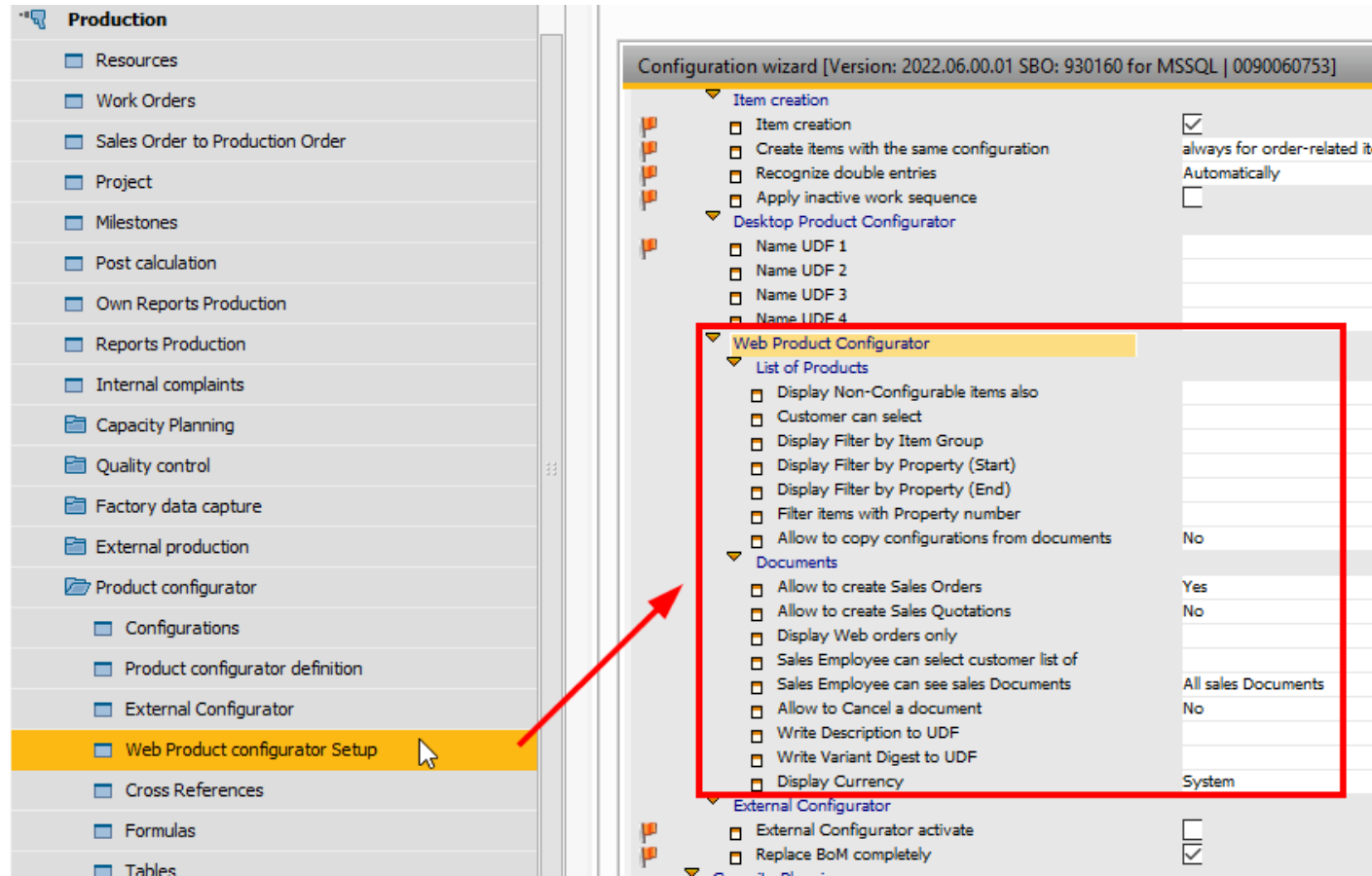
NEW:

All settings are now moved to a central place: The Configuration wizard

WEB Product configurator

All settings available in Production > Product configurator are split in 2 areas:

- Desktop Product configurator
- Web Product configurator

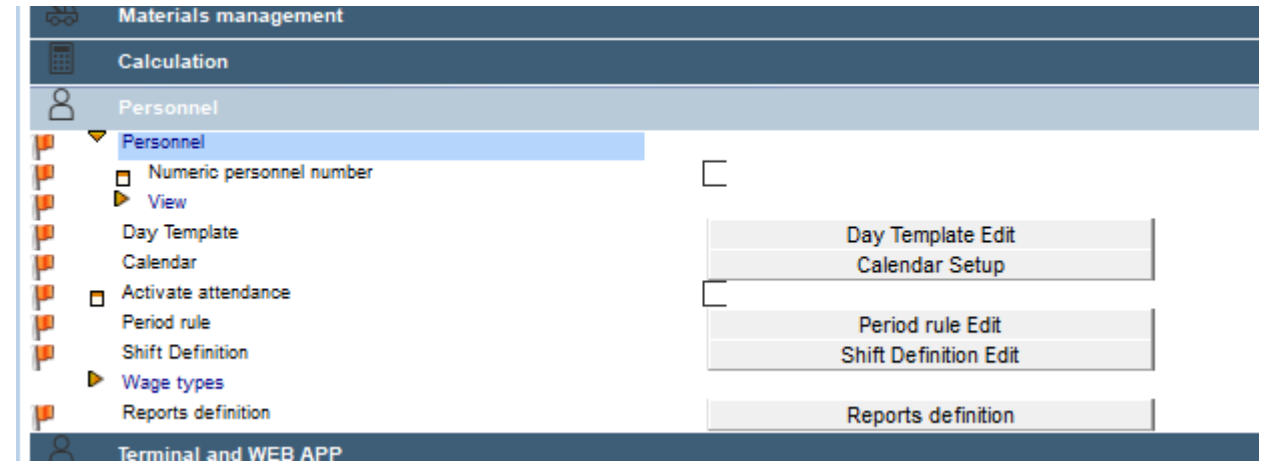


Usability

Attendance > Personnel

The main entry "Attendance" is renamed to "Personnel"

Settings for "Terminal" are moved.

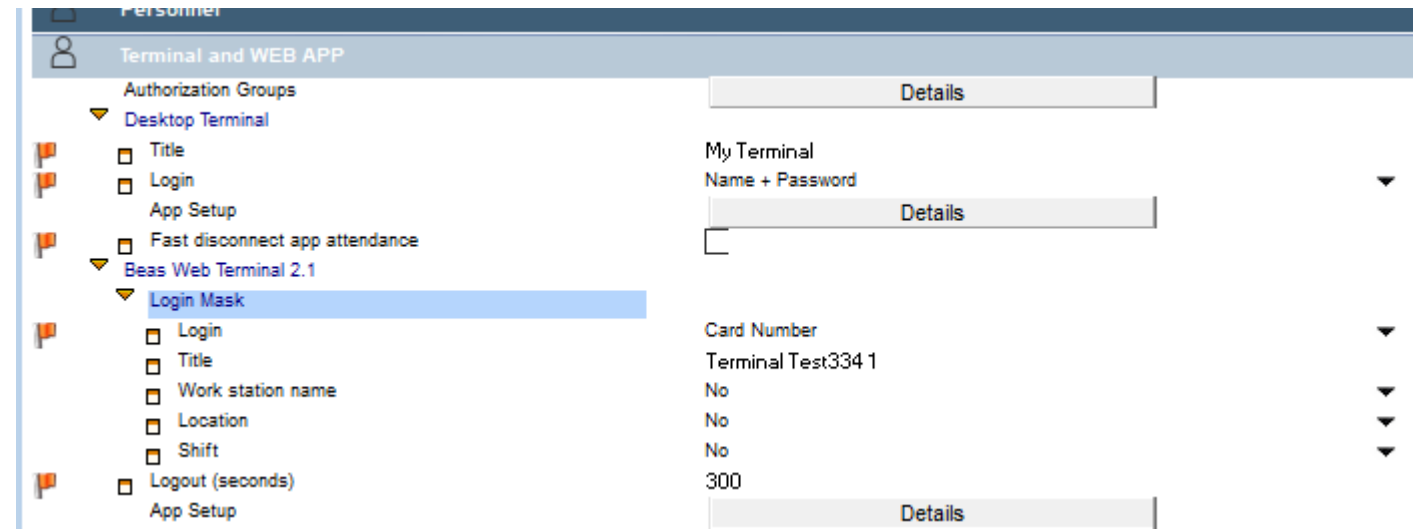


TERMINAL and WebApps

Completely new Main area in Configuration wizard: "Terminal and WebApps"

Here, all settings for Terminal and WebApps are in a central place.

Before the settings were found in various places.



Usability

Asynchronous Functions - settings

Settings were in various locations. Now all settings are centrally located in the Configuration wizard.

The question mark ("?") displays more information about this functionality.

The screenshot shows a configuration wizard interface. The main heading is 'Terminal and WEB APP'. Below it, there is a tree view of settings:

- Authorization Groups
- Desktop Terminal
- Beas Web Terminal 2.1
 - Login Mask
 - Logout (seconds) 300
 - App Setup
 - Location
 - Asynchronous function (highlighted)
 - Activate Asynchrone transaction System
 - Result Behaviour Display All
 - Waiting Time 10

Each item in the tree view has a small icon to its left: a person icon for the main heading, a folder icon for 'Authorization Groups', a folder icon for 'Desktop Terminal', a folder icon for 'Beas Web Terminal 2.1', a folder icon for 'Login Mask', a folder icon for 'Logout (seconds)', a folder icon for 'App Setup', a folder icon for 'Location', a folder icon for 'Asynchronous function', and a question mark icon for the sub-items under 'Asynchronous function'. The 'Asynchronous function' item is highlighted in blue.

Read **before**

The button arrangement in MRP order recommendation window has changed (2022.04)!

See Beas Online Help and the related YouTube video!

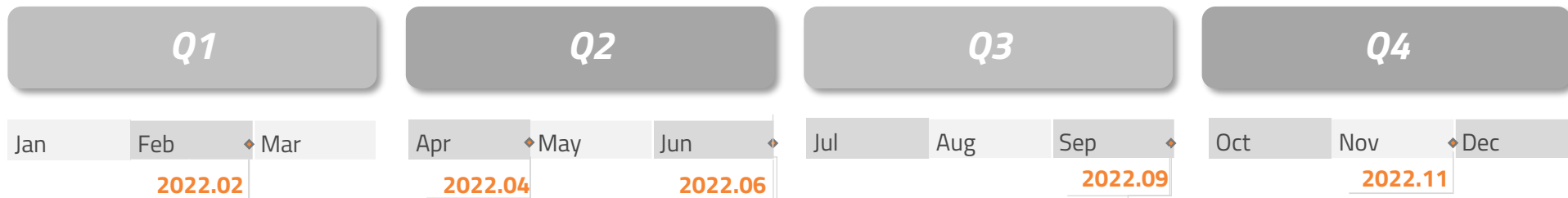
OLD:



NEW:

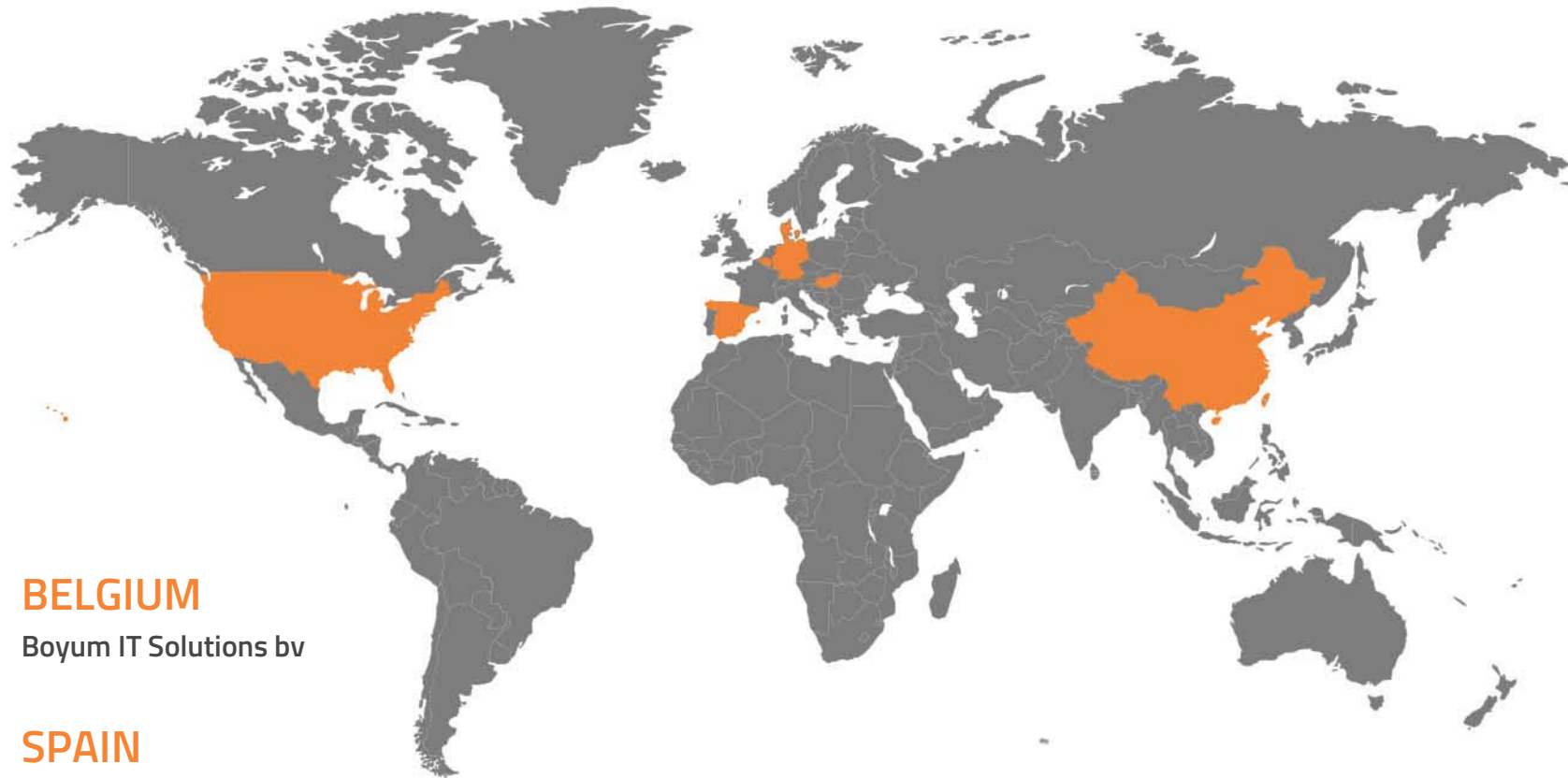


2022 Planned releases



This is the current state of planning and may be changed by Boyum IT Solutions at any time.





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