



Beas Manufacturing 2025.11

Release Notes

11/24/2025



Highlights

FOCUS AREA: AI Assistant, Web Client, MRP, performance improvements

- **Beas AI Assistant improvements**
- **Production Cockpit: Improved performance**
- **MRP: new filtering logic, Forecast calculation improvement**
- **Beas Web Client integration in SAP Web Client – new field groups added in Advanced Production**
- **WO expand all function performance improvement**
- **Pool report performance optimization**

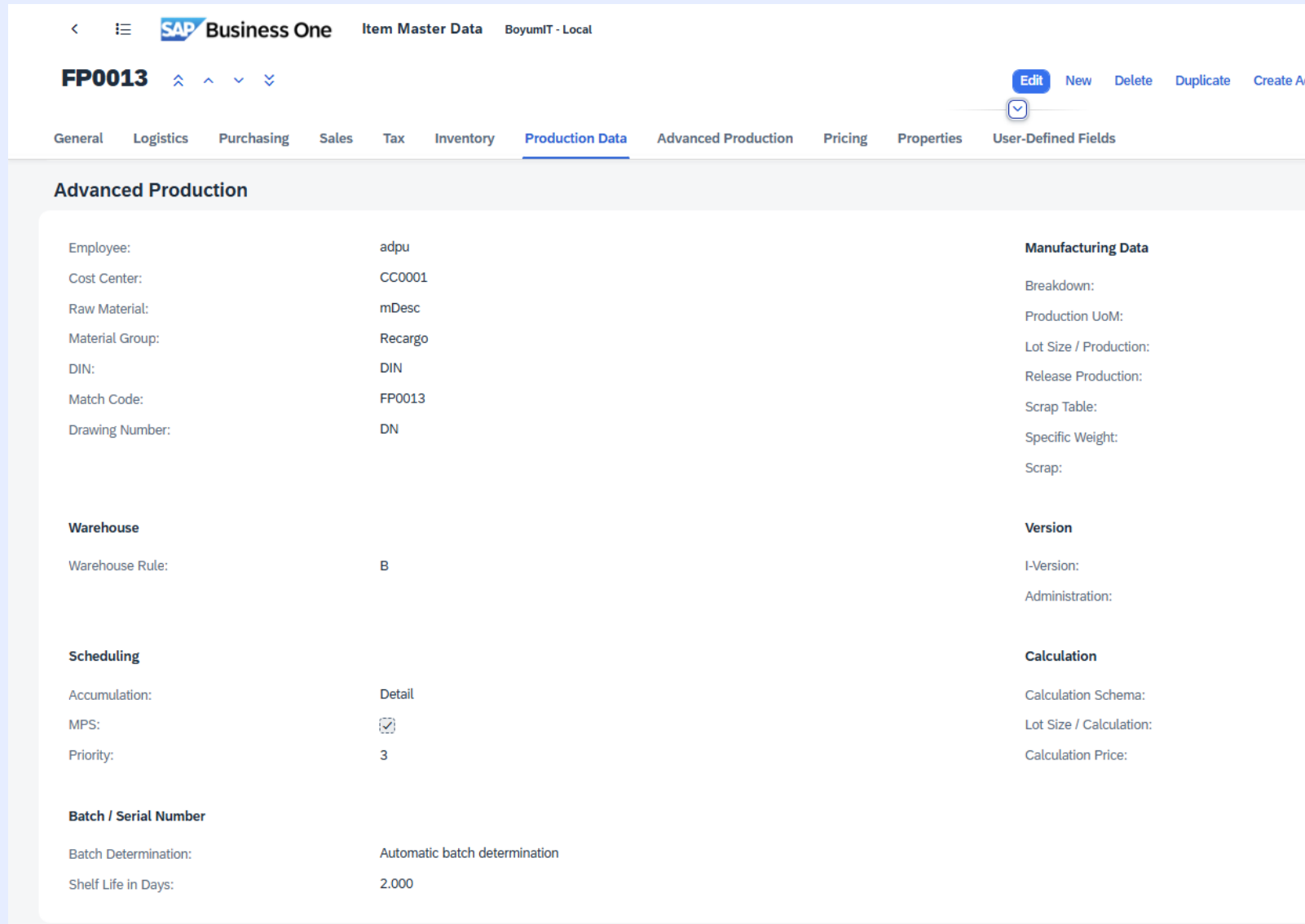
WEB

Web Client 2025.11

New and extended advanced production section.

In the Beas Web Client extension, the Advanced Production section has been improved by the addition of the grand majority of the fields that existed in the SAP B1 Desktop version. In the tab, the following groups have been added for the 2025.11 release:

- General information
- Manufacturing Data
- Warehouse
- Version
- Scheduling
- Calculation
- Batch / Serial Number



The screenshot shows the SAP Business One web client interface for Item Master Data (FP0013) in the Production Data tab. The interface is divided into several sections: General, Logistics, Purchasing, Sales, Tax, Inventory, Production Data (active), Advanced Production, Pricing, Properties, and User-Defined Fields. The Production Data section is further divided into sub-sections: Advanced Production, Warehouse, Scheduling, and Batch / Serial Number. The Manufacturing Data section is also visible on the right side of the form.

Field	Value
Employee:	adpu
Cost Center:	CC0001
Raw Material:	mDesc
Material Group:	Recargo
DIN:	DIN
Match Code:	FP0013
Drawing Number:	DN
Warehouse	
Warehouse Rule:	B
Scheduling	
Accumulation:	Detail
MPS:	☒
Priority:	3
Batch / Serial Number	
Batch Determination:	Automatic batch determination
Shelf Life in Days:	2.000

Manufacturing Data

Breakdown:

Production UoM:

Lot Size / Production:

Release Production:

Scrap Table:

Specific Weight:

Scrap:

Version

I-Version:

Administration:

Calculation

Calculation Schema:

Lot Size / Calculation:

Calculation Price:

MRP

Filter logic improvement

Previous behavior:
In versions prior to Beas 2025.09 you could define a filter for items. This filter was mainly a "display filter". Accordingly, the filter affected mainly which Items were shown in the Order recommendation. Only the "from - to item" filter reduced the amount of calculation data in some parts of the calculation. In a few cases the result may have been incorrect because some related information was missing.

NEW functionality:
Now the concept has changed.
The filter defined in the MRP scenario is now a setting for calculation and also for the result view.

Based on the defined filters, Beas will determine ALL Items that are necessary for the calculation. This means it is possible that the system adds further Items to the calculation if they are related to the item range defined in the filter.

PLEASE NOTE: The option "Apply filter in calculation" introduced in 2025.09, therefore, is no longer necessary and has been removed in Beas 2025.11.

MRP Wizard Scenario 37

SchedulingDetailWarehouse

Scenario37

DescriptionTFS-150533

Forecasttest-mrp

MPS

SummaryNormal

Order Recommendation byWeek

Deliver byOr. Workdays365

Work Order

Branch

Filter for Calculation and View

ItemTFS-150533TFS-150533-Vz

Item group

Material Group

Item property

Employee

Sales ItemAll

Purchased partAll

Only with Pegging

Display 0-Demand

Image

Color

MRP

Filter logic improvement

NEW functionality:

To identify which items are included additionally, we introduced a new column in the Order recommendation list, named "Direct items.,,

The new column shows direct (the Items based on the filter) and indirect (related to the Items from the filter) Items.

Order recommendation list Filter

Item:

Description:

Match code:

Employee:

Drawing number:

Raw material:

DIN:

Item group:

Item properties:

Material Group:

Main Supplier:

Procurement type:

Sales Order: Line:

Work Order: Position:

Project:

Filter:

Open search window first: ☐

Show indirect item: ☒

OK Cancel As default Preview

m order amount	Maximum amount	Priority	Warehouse From	Repl. Stock	Direct items
0,00	0,00	0,00		0,00	☒
0,0	0,0	240,0		0,0	☒
0,00	0,00	0,00		0,00	☒
0,00	0,00	0,00		0,00	☒
0,0	0,0	100,0		0,0	☐

Price	Alternative	Delivery Date	Business partner	Document	Pos	Quantity	UoM
Customer Reservation						7,00	PCE
Production		15/07/2025	C30009	1000874	10	11,00	PCE
Production		18/07/2025		1000875	10	2,00	PCE

PLEASE NOTE: The option "Apply filter in calculation" field of the MRP wizard introduced in 2025.09 is no longer necessary and has been removed in Beas 2025.11.

MRP

Calculation „by date” includes Forecasts in the document

NEW FUNCTIONALITY:

In the MRP Wizard you can set the "Coverage calculation priority" to "by document" or "by date". For the option "by date" we have changed the way forecasts are handled in calculations.

In the past, forecasts were always taken into account at the end, regardless of their required date.

Now, coverage is considered in the correct time.

Order Recommendation (38) TFS-152001 Forecast

#	...	Item	I-Version	Description	Lead time	Minimum Inventory	Warehouse stock	Reservation	Inflow
1		TFS-152001		Storage-related-Item for MRP forecastcheck	7	0,00	70,00	0,00	0,00
2		TFS-152001-MAT		Material for TFS-152001	4	120,0	0,0	0,0	0,00

MRP Wizard Scenario 38

SchedulingDetailWarehouse

Pegging and Replenishment

Warehouse

Production

Sales

Purchase

Sum pegging

Detail

Especially for forecasts a detailing down to the last requirement clarity, the level of detail can be adjusted to day, week or month

Calculate lead time for assembly

If the option is activated, capacity planning is used to calculate customer order assemblies. This calculation method may be replaced by replacement date from the item master will be used.

Consider link to operations

Consider I-Version

Coverage Calculation Priority

Breakdown Replenishment

By Date

By Document

Inflow and Outflow

Order

Make

#	Ty	Planned Inflow and Outflow	Outflow
1		Forecast 01/10/2025	60,00
2		Sales Order: 179 / 1	40,00
3		Sales Order: 180 / 1	40,00

Type	ID	Cr	Coverage
P	5		(ST:60,000000)(FCT: 01.10.2025 - 31.10.2025 QTY: 100,00)
A	4		(ST:10,000000)(FCR: Sales Order: 179 / 1 QTY: 40,000000 UID: 4)
A	7		

Window: mrp_view_masterrahmen

Production

WO structure: optimize "expand all" function

NEW FUNCTIONALITY:
This year, we improved the WO structure list, by significantly reducing the time to expand and collapse the BOM if the BOM had many entries.

Now we optimized the "Expand all" function which, even after the improvement for the BOM, still was a little bit slow in case of large Item-structures. In the example on the right, the time reduced to 1/6 of the previous time.

Work orders

Work orders		Work Orders List	Assembly
top down sort			
Document	Sales Order	Date	
▶ ⚠ 1000868	212	01/07/2025	
▶ 📁 1000867	211	26/06/2025	
▶ 📁 1000866	210	25/06/2025	
▶ 📁 1000865	209	25/06/2025	
▶ 📁 1000864	208	23/06/2025	
▶ 📁 1000863	207	18/05/2025	
▶ 📁 1000862	206	10/05/2025	
▶ 📁 1000854	201	15/05/2025	

✎ 🔍 ⏴ 🏠 🖨️ 📄 ⏵ ⓘ

📄 Assembly

📄 Assembly, Bill of Materials, Routing

📄 Complete

Window fert_struktur_browse.psr

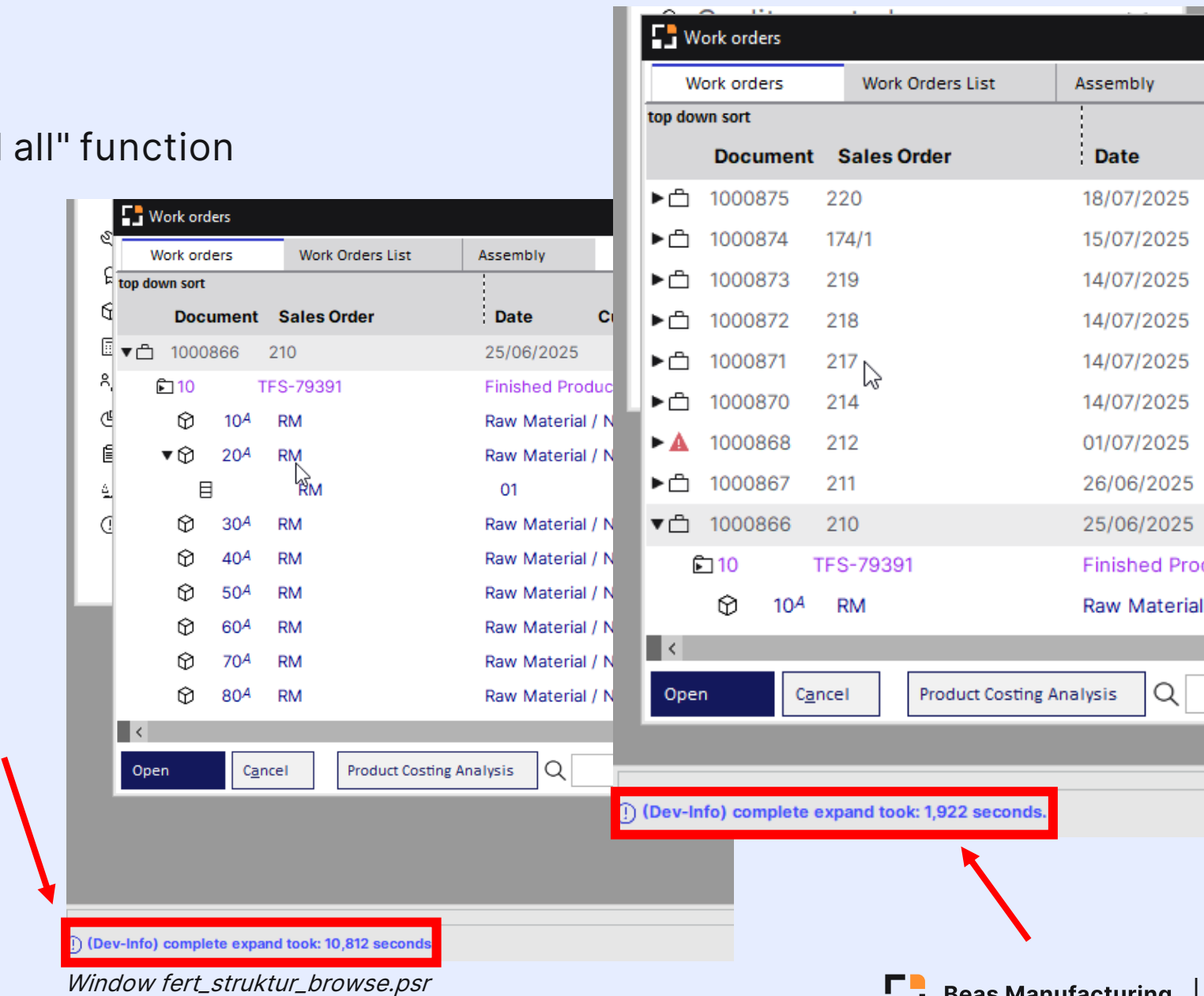
Production

WO structure: optimize "expand all" function

Benchmark test:

In this Benchmark you can see that the time to expand a complete WO with many entries reduced from almost 11 seconds to less than 2 seconds.

Additionally, the 64 Bit version is about 20% faster than the 32 Bit version.



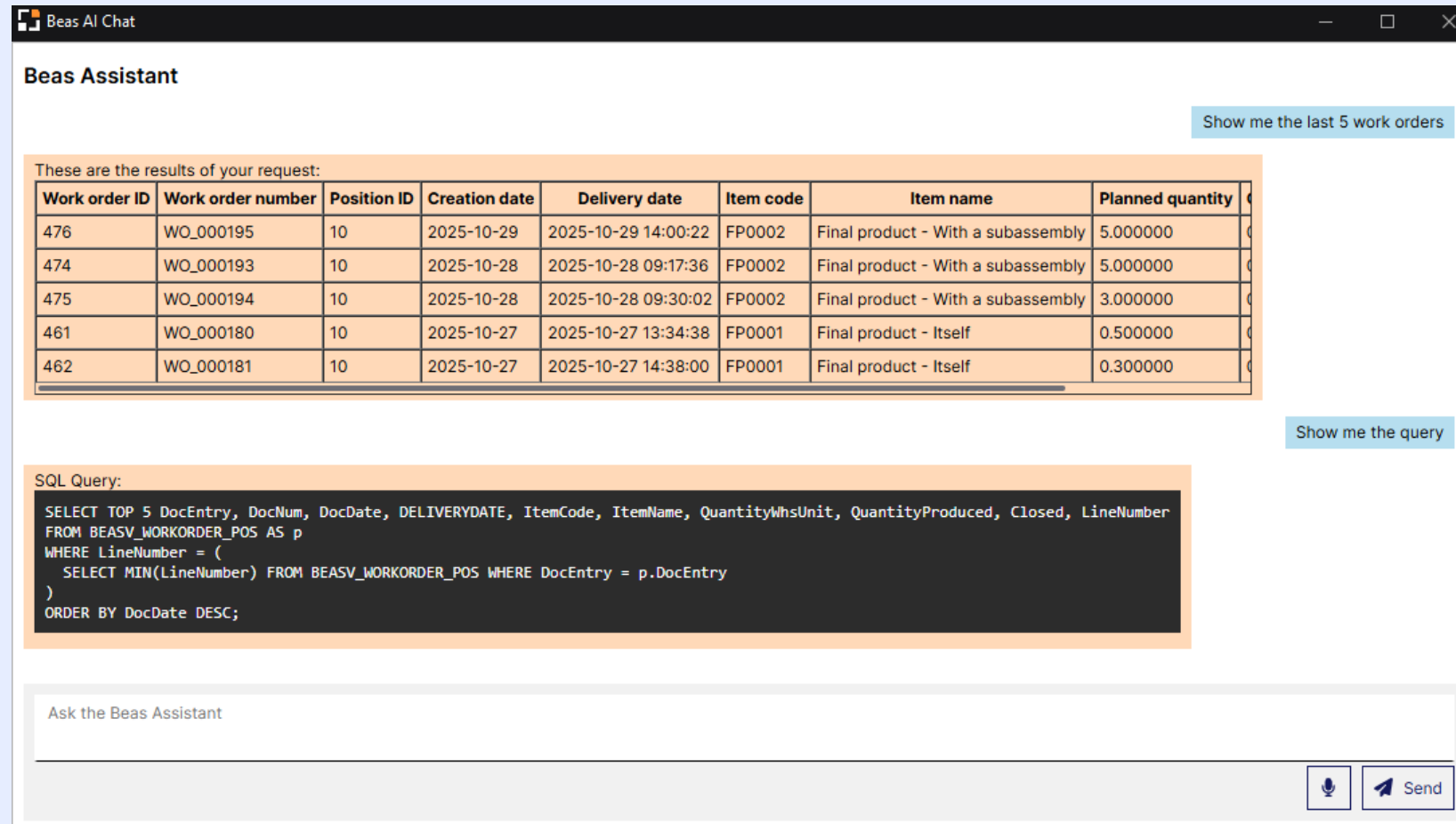
Artificial Intelligence

Beas AI Assistant improvements

NEW FUNCTIONALITY:

With every new message sent to the assistant, the window will be automatically scrolled down to see the AI response.

When requesting some information from the database, you will also have the possibility to execute the query to see the current results. By default, only a table will be shown unless you request the query.



The screenshot shows the Beas AI Chat interface. At the top, the title bar reads "Beas AI Chat". Below it, the "Beas Assistant" header is visible. A light blue button in the top right corner says "Show me the last 5 work orders". The main content area displays the results of a request as a table with 8 columns: Work order ID, Work order number, Position ID, Creation date, Delivery date, Item code, Item name, and Planned quantity. The table contains 5 rows of data. Below the table, a light blue button says "Show me the query". Underneath, the SQL query is displayed in a dark box. At the bottom, there is a text input field labeled "Ask the Beas Assistant" and a "Send" button with a microphone icon.

Beas Assistant

Show me the last 5 work orders

These are the results of your request:

Work order ID	Work order number	Position ID	Creation date	Delivery date	Item code	Item name	Planned quantity
476	WO_000195	10	2025-10-29	2025-10-29 14:00:22	FP0002	Final product - With a subassembly	5.000000
474	WO_000193	10	2025-10-28	2025-10-28 09:17:36	FP0002	Final product - With a subassembly	5.000000
475	WO_000194	10	2025-10-28	2025-10-28 09:30:02	FP0002	Final product - With a subassembly	3.000000
461	WO_000180	10	2025-10-27	2025-10-27 13:34:38	FP0001	Final product - Itself	0.500000
462	WO_000181	10	2025-10-27	2025-10-27 14:38:00	FP0001	Final product - Itself	0.300000

Show me the query

SQL Query:

```
SELECT TOP 5 DocEntry, DocNum, DocDate, DELIVERYDATE, ItemCode, ItemName, QuantityWhsUnit, QuantityProduced, Closed, LineNumber
FROM BEASV_WORKORDER_POS AS p
WHERE LineNumber = (
    SELECT MIN(LineNumber) FROM BEASV_WORKORDER_POS WHERE DocEntry = p.DocEntry
)
ORDER BY DocDate DESC;
```

Ask the Beas Assistant

Send

Window beas-ai-chat.psr

Artificial Intelligence

Beas AI Assistant improvements

NEW FUNCTIONALITY:

When creating a Work Order, a Time receipt or a Goods Receipt/Issue document with the AI bot, you will have a direct access button to open and check the data of the created document.

Beas AI Chat

Beas Assistant

The Receipt 340 has been created successfully with the following details:

- Work order code: 475
- Work order position code: 10
- Work order BoM material code: 10
- List of materials to receipt:
 - **Material line 1:**
 - Item code: M0000003
 - Warehouse code: 03
 - Quantity to receipt: 100

Open goods receipt: 20250340

Goods Receipt

Number20250340

Price ListLast Purch

ContentsAttachments

#	Item No.	Item
1	➡ M0000003	Mat

Window beas-ai-chat.psr

Artificial Intelligence

Beas AI Assistant improvements

NEW FUNCTIONALITY:

Some fields/options have been added to create the documents:

Time Receipt:

Scrap quantity

Manual booking

Remarks

UDF1-4

Goods Receipt/Issue

Lines:

WO Document Entry

WO Document Position

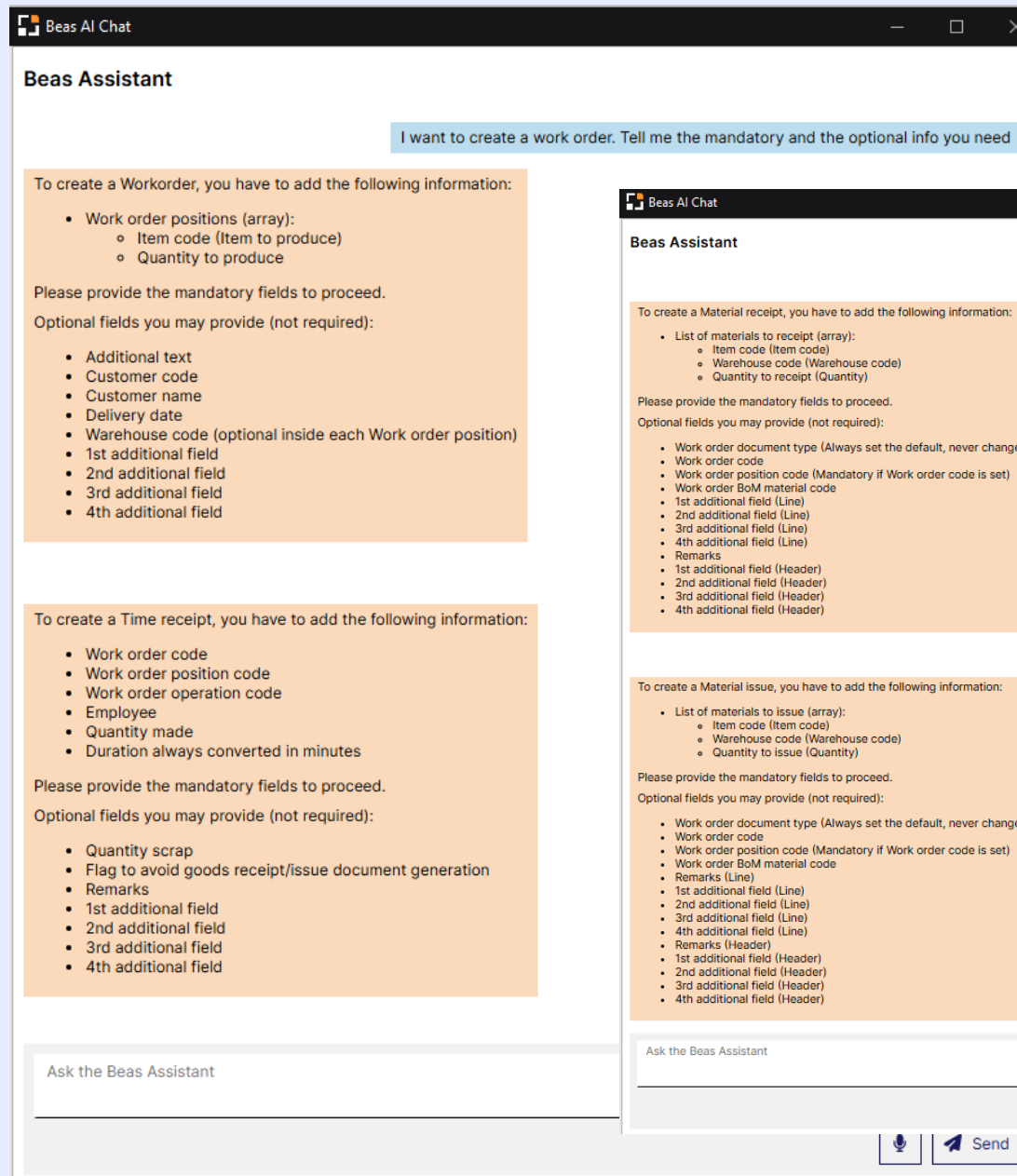
WO Document Material

Position

UDF1-4

Remarks

UDF1-4



Beas AI Chat

Beas Assistant

I want to create a work order. Tell me the mandatory and the optional info you need

To create a Workorder, you have to add the following information:

- Work order positions (array):
 - Item code (Item to produce)
 - Quantity to produce

Please provide the mandatory fields to proceed.

Optional fields you may provide (not required):

- Additional text
- Customer code
- Customer name
- Delivery date
- Warehouse code (optional inside each Work order position)
- 1st additional field
- 2nd additional field
- 3rd additional field
- 4th additional field

To create a Time receipt, you have to add the following information:

- Work order code
- Work order position code
- Work order operation code
- Employee
- Quantity made
- Duration always converted in minutes

Please provide the mandatory fields to proceed.

Optional fields you may provide (not required):

- Quantity scrap
- Flag to avoid goods receipt/issue document generation
- Remarks
- 1st additional field
- 2nd additional field
- 3rd additional field
- 4th additional field

Ask the Beas Assistant

Beas AI Chat

Beas Assistant

And for a goods receipt?

To create a Material receipt, you have to add the following information:

- List of materials to receipt (array):
 - Item code (Item code)
 - Warehouse code (Warehouse code)
 - Quantity to receipt (Quantity)

Please provide the mandatory fields to proceed.

Optional fields you may provide (not required):

- Work order document type (Always set the default, never change)
- Work order code
- Work order position code (Mandatory if Work order code is set)
- Work order BoM material code
- 1st additional field (Line)
- 2nd additional field (Line)
- 3rd additional field (Line)
- 4th additional field (Line)
- Remarks
- 1st additional field (Header)
- 2nd additional field (Header)
- 3rd additional field (Header)
- 4th additional field (Header)

To create a Material issue, you have to add the following information:

- List of materials to issue (array):
 - Item code (Item code)
 - Warehouse code (Warehouse code)
 - Quantity to issue (Quantity)

Please provide the mandatory fields to proceed.

Optional fields you may provide (not required):

- Work order document type (Always set the default, never change)
- Work order code
- Work order position code (Mandatory if Work order code is set)
- Work order BoM material code
- Remarks (Line)
- 1st additional field (Line)
- 2nd additional field (Line)
- 3rd additional field (Line)
- 4th additional field (Line)
- Remarks (Header)
- 1st additional field (Header)
- 2nd additional field (Header)
- 3rd additional field (Header)
- 4th additional field (Header)

Ask the Beas Assistant

Send

Factory Data Capture

BUG FIX: Poor performance and system stops in Pool Report

BEFORE FIXING:
The creation of the Pool List took a long time when the database had large amounts of data.

NEW: Now the process of retrieving data is optimized and the list is now generated in a fraction of the time it used to take.
The optimization is mainly done for MSSQL but also the execution time in HANA is reduced.
Additionally. the column "Shortage" is not displayed anymore if the setting "Pool report with material check" (poolmitmat) is unchecked.

Pool report

#	Resource	...	Document	Pos	Op. seq	Item	uration	Valuation Start	Start	Processing Start	Processing End	End	Bi	Activity
1	1001		1000773	10	10	tfs-101211-M...	0	23/05/2024 23:59	23/05/2024 23:59	23/05/2024 23:59	23/05/2024 23:59	23/05/2024 23:59		
2	1001		1000781	10	10	tfs-101211-M...	0	30/08/2024 23:59	30/08/2024 23:59	30/08/2024 23:59	30/08/2024 23:59	30/08/2024 23:59		
3	1001		1000791	10	10	TFS-100107	60	16/10/2024 15:00	16/10/2024 15:00	16/10/2024 15:00	16/10/2024 16:00	16/10/2024 23:59		Cold Working
4	1001		1000842	10	10	tfs-101211-M...	0	24/03/2025 23:59	24/03/2025 23:59	24/03/2025 23:59	24/03/2025 23:59	24/03/2025 23:59		
5	1001		1000827	110	10	tfs-101211-M...	0	16/06/2025 15:25	16/06/2025 15:25	16/06/2025 15:25	16/06/2025 15:25	16/06/2025 15:25		
6	1001		1000865	10	10	tfs-101211-M...	0	25/06/2025 23:59	25/06/2025 23:59	25/06/2025 23:59	25/06/2025 23:59	25/06/2025 23:59		
7	1002		1000757	10	10	Merge_02	90	04/04/2023 12:47	04/04/2023 12:47	04/04/2023 12:47	04/04/2023 14:17	04/04/2023 14:17		Mixing
8	1002		1000760	10	10	Merge_02	90	04/04/2023 12:47	04/04/2023 12:47	04/04/2023 12:47	04/04/2023 14:17	04/04/2023 14:17		Mixing
9	1002		1000762	10	10	Merge_02	90	04/04/2023 12:47	04/04/2023 12:47	04/04/2023 12:47	04/04/2023 14:17	04/04/2023 14:17		Mixing
10	1002		1000725	10	10	Beer	230	12/09/2023 10:05	12/09/2023 10:05	12/09/2023 10:05	12/09/2023 13:55	12/09/2023 13:55		Mixing
11	1002		1000758	10	10	TFS-102959	90	21/03/2024 10:20	21/03/2024 10:20	21/03/2024 10:20	21/03/2024 11:50	21/03/2024 11:50		Mixing
12	1002		1000766	10	10	TFS-102959	90	21/03/2024 10:20	21/03/2024 10:20	21/03/2024 10:20	21/03/2024 11:50	21/03/2024 11:50		Mixing
13	1002		1000764	10	10	Merge_02	90	21/03/2024 12:51	21/03/2024 12:51	21/03/2024 12:51	21/03/2024 14:21	21/03/2024 14:21		Mixing
14	1002		1000765	10	10	Merge_02	90	21/03/2024 12:51	21/03/2024 12:51	21/03/2024 12:51	21/03/2024 14:21	21/03/2024 14:21		Mixing
15	1002		1000761	10	10	Merge_02	90	22/03/2024 06:49	22/03/2024 06:49	22/03/2024 06:49	22/03/2024 08:19	22/03/2024 08:19		Mixing
16	1002		1000766	20	10	TFS-102959-2	90	28/03/2024 09:47	28/03/2024 09:47	28/03/2024 09:47	28/03/2024 11:17	28/03/2024 11:17		Mixing
17	1002		1000759	10	10	TFS-102959-2	90	28/03/2024 10:16	28/03/2024 10:16	28/03/2024 10:16	28/03/2024 11:46	28/03/2024 11:46		Mixing
18	1002		1000763	10	10	TFS-102959-2	90	28/03/2024 10:16	28/03/2024 10:16	28/03/2024 10:16	28/03/2024 11:46	28/03/2024 11:46		Mixing
19	1002		1000765	20	10	TFS-102959-2	90	25/10/2024 09:47	25/10/2024 09:47	25/10/2024 09:47	25/10/2024 11:17	25/10/2024 11:17		Mixing

<

Cancel

Login

Logout

F2 Open

Sort

Groups

Material requirements

Block

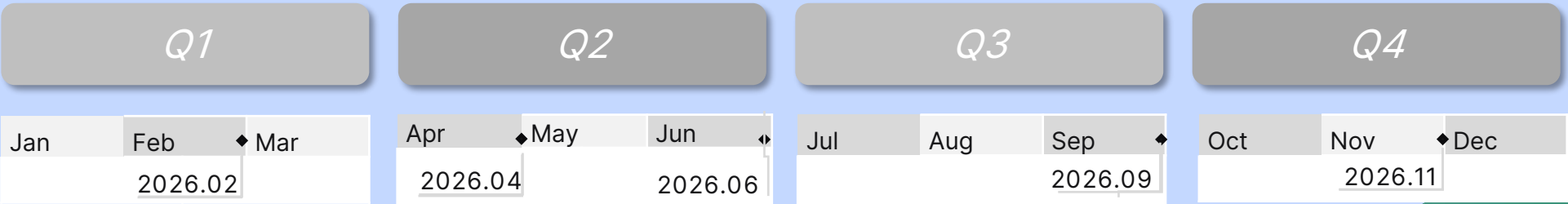
Q

Window: bde_terminal_poolinfo.psr



Beas Manufacturing

2026 Planned releases



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



Beas
Manufacturing



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- Boyum IT Solutions bv

Spain

- Boyum IT Solutions Spain S.L.

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- Paperflow Service Center