

# Beas Manufacturing 2024.04 Release Notes



# Highlights

---

- **WMS Integration improvement: additional Beas functions display PMX WMS “Batch” and “LUID” level locks (reservations) and available stock**
- **WMS integration - Closing of Beas Work orders considers WMS locks and can delete existing WMS reservations**
- **Debug log - Performance improvement of upload file creation and better formatting of SQL statements in the log**
- **APS - material check considers all planned and to-be-planned work orders**
- **MRP - Performance improvement of Order recommendations with Sales and Purchase Blanket agreements**

# WMS Integration

Total reserved quantities consider WMS Batch / LUID locking levels in additional screens

NEW:

In this version the following functions were added to consider WMS Batch/LUID locking levels in Total reserved quantities:

- Material requirements
- WO Transfer request
- MRP

In MRP, this is supported when the “MRP Scenario > Detail > Inventory > Balance: Reservation Consider” parameter is activated.

*Note:* In MRP, Reservations associated with WMS customers are subtracted from the total available quantity, and therefore are not considered in the MRP to be used in any order or work order of the same customer.

The screenshot displays the SAP MRP view 'mrp\_view\_masterrahmen'. It features a 'Purchase' table with columns for Item, I-Version, Action, Warehouse, Stock, Description, Lead time, Minimum Inventory, Warehouse stock, Reservation, and Inflow. Item 1, 'WMS\_B', has a reservation of 5.00. A 'Locked Quantity' pop-up window is open, showing a table with columns for Item Code, Description, Batch Number, Batch Num..., Best Be..., Batch ID, Quality..., LUID, SSCC, Storage Loc..., Warehouse, Quantity, Unit, and Quantity... The pop-up shows two rows for 'WMS\_B' with quantities of 2.0000 and 3.0000. The 'Reservation' column in the main table and the 'Quantity' column in the pop-up are highlighted with orange boxes.

Window: mrp\_view\_masterrahmen

# WMS Integration

NEW:

As a further improvement in our modification of the Reservation system and WMS integration, now Beas considers all supported WMS locks and can delete existing WMS reservations when closing Beas Work orders.

The screenshot displays the 'Work Orders' application interface. At the top, there are tabs for 'Work Orders', 'Work Orders List', and 'Assembly'. Below this is a table listing work orders with columns for Document, Sales Order, Date, Customer Name, From, To, Item, Plan, Actual, and Drawing. The table contains several rows, with work order 1445 highlighted in grey.

Below the table, a detailed view for work order 1445 is shown. It includes a 'Work order document' header and tabs for 'Work Order' and 'Positions'. The main area contains various fields and sections:
 

- Document no:** 1445, **Type:** Storage Order
- Order:** WH000414, **Order date:** 22.02.24
- Master Data:** Project, Documents, Setup
- Customer:** (dropdown), **Information:** (text field)
- Name:** (text field)
- Delivery:** (dropdown)
- Street:** (text field)
- ZIP / City:** (text fields)
- Country:** (text field), **Status:** (text field)
- Telephone:** (text field), **Delivery Date:** 21.02.24
- Priority:** high, **Start Time:** 19.02.24 16:00
- End:** 22.02.24 23:59
- Project:** (dropdown), **Last Message:** (text field)

A context menu is open over the work order details, listing actions such as Remove, Refresh Window, Change log, Duplicate, Close document, Use calculation, Material Requirements, Post calculation, Dispatch, Next Document no, and Last Messages. The 'Close document' option is circled in orange, with an orange arrow pointing to it from the right side of the screen.

At the bottom of the interface, there are buttons for 'Open', 'OK', 'Cancel', 'From calculation', 'Product Costing Analysis', and 'Dispatch'.

# APS

## Consider planned Work orders not in list (BETA)

NEW functionality:

In the past the Material check in APS was calculated only based on the work orders that were selected in the APS view list.

Now we have a new BETA option in the APS Calculation type that allows the Material check to consider work orders that already have the status "APS planned".

This means all the planned WO's will influence the available material, regardless of whether they are part of the orders to be calculated or not.

The screenshot shows the 'APS Calculation Type forward\_planned' configuration window. At the top, the 'Calculation Type' is set to 'forward\_planned' and the 'Description' is 'Dispatch forward consider already planned'. Under the 'Setup' section, several options are visible:

- Description:** Dispatch forward consider already planned
- Time reservation:** delete completely
- Reset start date:**  (The planned start date is set to the current date before calculation. The earliest possible start date is then calculated.)
- Calculate only unscheduled:**  (If activated, only the unplanned work orders are scheduled. However, any activated material control and reservation is also carried out for the planned work orders. Best setting: Activate!)
- Material check:** before Scheduling (Determines when the material control should take place. If scheduling is dependent on the material check, then before; otherwise, afterwards. When working with re-allocation, e.g. material receipts are only taken into account if the delivery date can be fulfilled, then calculation is possible before and after scheduling. At material calculation before the scheduling the earliest material entry will be calculated and entered at the work sequence as earliest date of material entry, disregarded of the date of requirement.)
- Consider planned WO not in list (BETA):**  (If activated, the Material check will consider ALL open workorders that already have the status "APS planned". This means all the planned WO's will influence the available material, regardless of whether they are part of the orders to be calculated or not.)

At the bottom, there are buttons for 'OK', 'Cancel', 'Expand', and 'Continue search'.

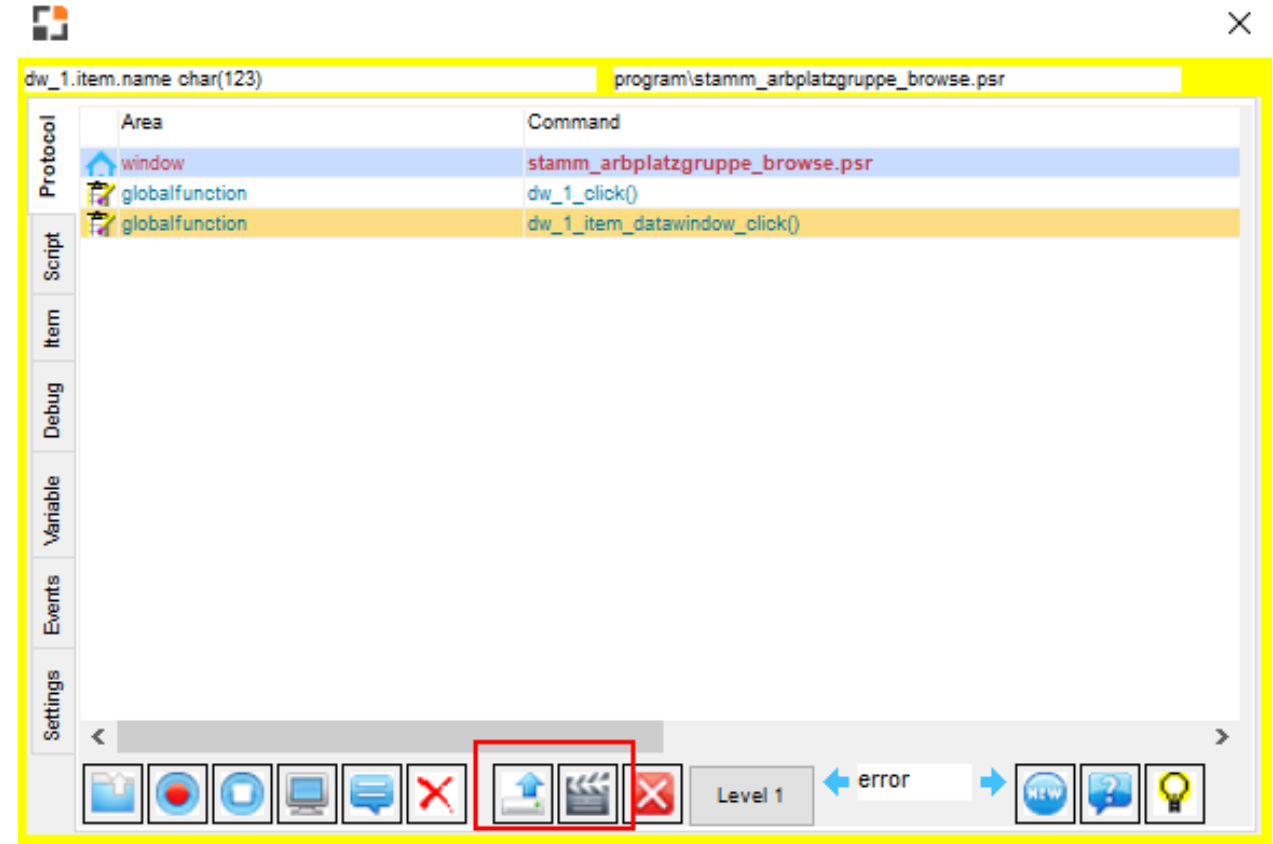


# Debug Log – Performance improvement

## NEW FUNCTIONALITY:

The performance of the Debug log has been enhanced in the following way:

- improved speed for creating the upload file
- better formatting of the SQL statements in the log
- removed issue with some SQL queries that could not be executed in e.g. "MS SQL Management Studio"



# MRP

## Calculation fix for SAP Blanket agreements

BEFORE:

Calculation created for Sales blanket agreements resulted in duplicated demands in the Order recommendation if the blanket agreements had more than one line in SAP with different delivery dates for each.

AFTER FIXING: Beas now inserts only one entry per calculated "Date of requirement".

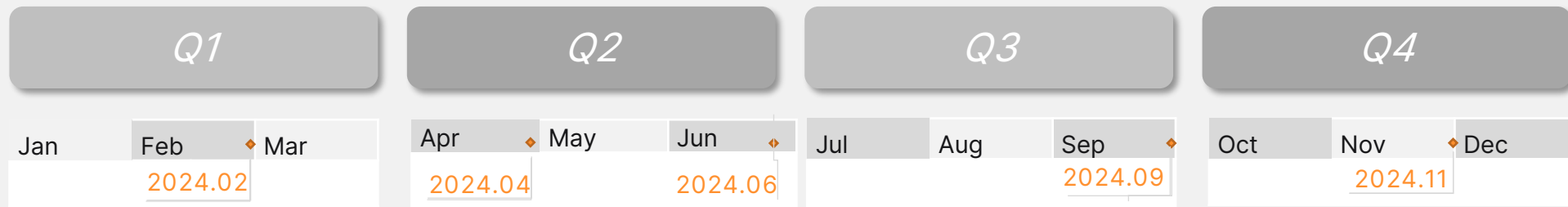
The screenshot shows the SAP 'Sales Blanket Agreement' window. The main table lists items with their descriptions and planned quantities. Item 3, 'Mat16 Material 16', is highlighted. A 'Row Details - Blanket Agreement' popup window is open, showing a table with three rows of data for Material 16, each with a different frequency and date range.

#	Item No.	Item Description	Item Group	Planned Qu...	Unit Price	Cumul...	Cumulative Quantity	Cumulative Amount (LC)	Cumulative Committ...
1	Mat14	Material 14	Items	10					
2	Mat15	Material 15	Items	20					
3	Mat16	Material 16	Items	30					
4									

#	Frequency	From	To	Item ...	Item ...	Release	Quantity	War...	Free...	Consum...
1	One Time	18.03.2024	09.05.2024	Mat16	Material		5	01		☑
2	One Time	16.05.2024	12.07.2024	Mat16	Material		2	01		☑
3	Monthly			Mat16	Material			01		☑

# 2024 Planned releases



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



# Boyum IT Solutions A/S

Headquarters (Denmark)



📍 Boyum IT Solutions  
Sintrupvej 7 1b, 1th  
DK – 8220 Brandbrand

✉️ [sales@boyum-it.com](mailto:sales@boyum-it.com)

🌐 [boyum-solutions.com](http://boyum-solutions.com)

🌐 [linkedin.com/company/boyumit/](https://www.linkedin.com/company/boyumit/)

📘 [Facebook.com/boyumit](https://www.facebook.com/boyumit)

📺 [youtube.com/user/boyumit](https://www.youtube.com/user/boyumit)

🐦 [twitter.com/boyumit](https://twitter.com/boyumit)