BEAS WMS INTEGRATION

1. INTRODUCTION

Our teams of experienced developers and experts behind Beas Manufacturing and Produmex WMS have joined forces to integrate the two products. The scope of functionalities of both products supporting each other is continuously growing. In this document we present the actual landscape of the integration process, its considerations, milestones, the specific areas and functions, key fields, and current limitations.

1.1. Change log

Version	Changes	Date
2021.11.112	Initial release	
2021.11.23	Added DB Check Tool content	Nov-23-2021
2021.11.29	Document formatting	Nov-29-2021
2022.02.11	Updated Batch Attribute support functionality	Feb-15-2022

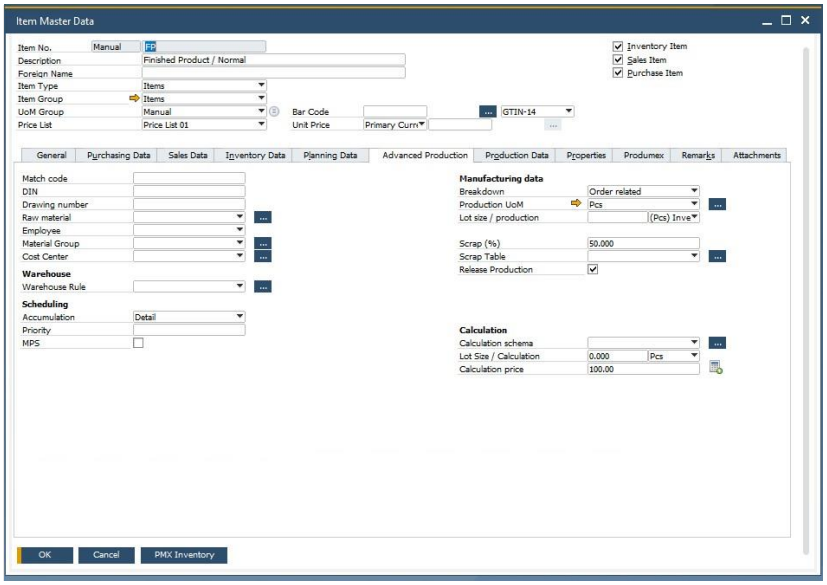
2. CONSIDERATIONS

2.1. Relevant item master data on integration

There are relevant WMS fields in the SAP Item Master Data screen that can affect any of the processes, especially in Beas when both products are installed in the system.
The following list describes which fields to consider in the Item Master Data.

Note: It is important to notice that the fields related to the Item Master Data in WMS affect Beas processes even when the warehouse is not a WMS one, since validations are applied on item level.

Note: Since in Beas it is possible to work with Item Master Data functions integrated in the SAP Business One window, we recommend activating Beas' integration option (Configuration Wizard → Master Data → Item → Display → Item master → Item Window) that allows users who edit Item master data to have the information of both systems in one place.



2.1.01. Item Master Data > General tab > “Has PMX Serial Number”

Description: In SAP Business One an item can be managed by batches OR serial numbers. Produmex allows for managing an item both by batches AND serial numbers.

To consider: Produmex WMS’ Batch and Serial feature is not supported in Beas, and it is recommended to deactivate it. Use of this functionality may cause data inconsistency even if the transactions are performed only in SAP Business One since the additional information supporting the function or validations is found only in the WMS windows.

2.1.02. Item Master Data > General tab > “Track Location of Serial Numbers”

Description: If it is checked, Produmex keeps track of the location of items with serial numbers (both SAP serial numbers and Produmex serial numbers) by forcing the stock to be on an SSCC. The serial number is linked to that SSCC.

To consider: Serial Items must be marked with this option to ensure the correct traceability of serial numbers in an SSCC, especially at goods issues transactions.

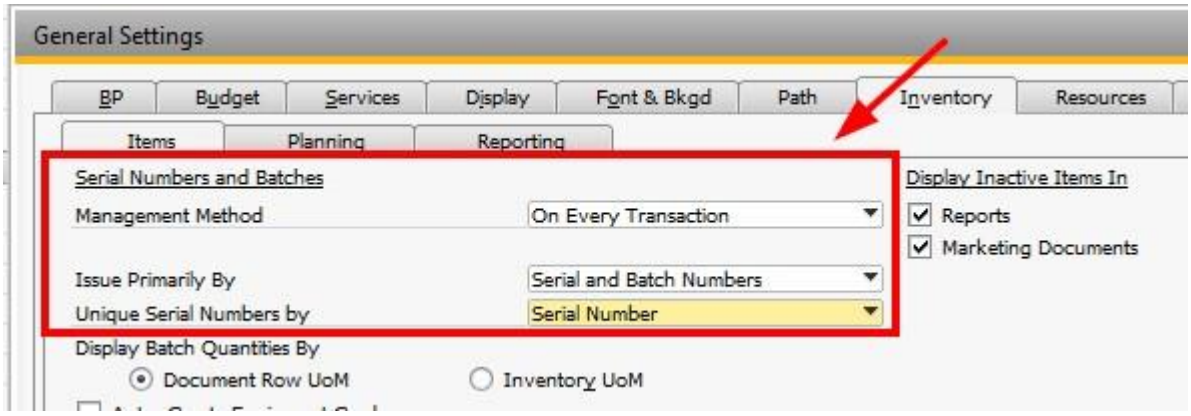
2.1.03. Batch/Serial Management in Beas Manufacturing

Description: Management Method: Defines requests for batches or serial numbers of items when creating material issue or material receipt documents. This has impact on material issue and material receipt in production processes.

To consider: For Batches and Serials, Beas has a standard limitation. *See* settings in SAP General Settings:

- "Management Method”: Only the "On Every Transaction" setting is supported.
- “Issue Primarily By”: Only by "Serial and Batch Numbers" setting is supported.

- "Unique Serial Numbers by": "Serial Number" setting is supported.



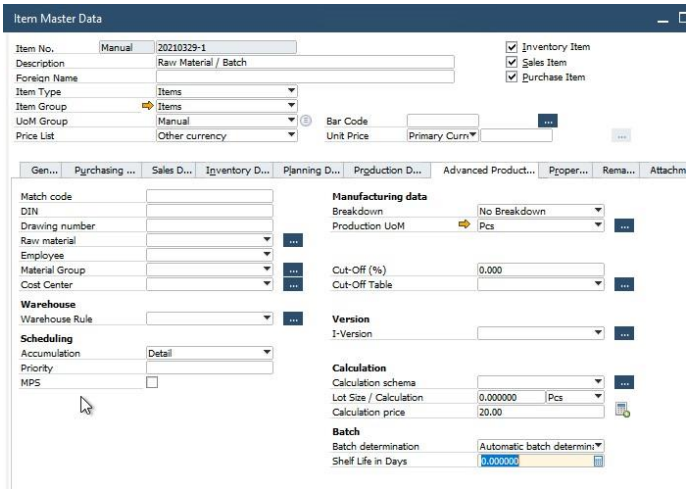
2.1.04. Item Master Data > Produmex tab > Inventory sub-tab > "Number of decimals for UOM"

Description: This field indicates the number of decimals for the first UoM. This is used in Produmex WMS flows (touch screens or mobile clients) when entering a quantity.
Recommendation: This number of decimals must be synchronized with the decimal setting in the Beas Unit of Measures definition. If setup so that Beas allows a higher number of decimals, then WMS will return an error in the transaction that is attempted with more decimals than allowed by WMS. Although WMS handles number of decimal places per item, we recommend being consistent per unit of measure.

2.1.05. Item Master Data > Produmex tab > Inventory sub-tab > "Has Best Before Date"

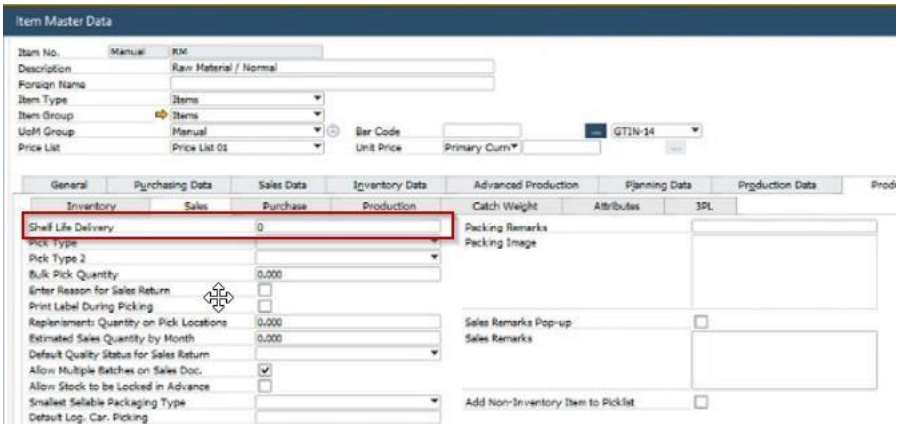
Description: If the item has a best before date, the WMS field 'Has Best Before Date' must be checked.
System Validation: When this field is checked, it is mandatory to enter the best before date in any stock transaction. Beas supports this field calculating a date based on the SAP Batches and Serial shelf life. For a non-Batch/Serial item the date is calculated based on WMS Shelf-life Delivery available in the Sales tab.

Best before of Batch/Serial Item considers Beas Shelf-life Days
(Item Master Data > Advanced Production > "Shelf Life in Days")



Non-Batch/Serial Items takes WMS Sales shelf life.

(Item Master Data > Produmex > Sales sub-tab >" Shelf Life Delivery")



2.1.06. Item Master Data > Produmex tab > Inventory sub-tab > "Has second batch number"

Description: It defines whether the item has a second batch number.

To consider: This is not supported in Beas, and it is recommended to deactivate it.

2.1.07. Item Master Data > Produmex tab > Inventory sub-tab > "Zone Type Code"

Description: Apart from indicating a standard location or zone, the user can also specify the zone type code. If such a code is entered, the system verifies upon storing an item whether it can be stored in this zone and prevents the item from being stored in a different zone. This can be used for instance if a product needs to be 'cooled'. If the product has this zone type, it can only be stored on a location within a zone that is also 'cooled'.

To consider: Currently, Beas ignores this information. Any stock transaction in a WMS warehouse done by Beas allows the use of any location of WMS without considering the zone type**.** There is no blocked/validation by WMS because the validations are done in WMS apps and not the transaction notification.

2.1.08. Item Master Data > Produmex tab > Sales sub-tab > "Shelf Life Delivery"

Description: This field specifies the minimum remaining shelf life in days of an item (article) from the moment it is outside the responsibility of the manufacturer/distributor (external shelf life), i.e. the actual period that the product is physically present at the customer and can be sold to the end customer. The external shelf life is defined by the Best Before Date and means that the product will need to stay good at the retailer for at least a specified number of days before the "Best Before Date". To guarantee that a product can be sold long enough, the retailer usually requires a minimal external shelf life from the manufacturer/distributor of the product.
System Validation: Beas uses this information to calculate the best before date of a Non-Batch/Serial Item.

2.1.09. Item Master Data > Produmex tab > Sales sub-tab > "Minimum Stock Level"

Description: This function makes it possible to reserve a minimum stock quantity of an item for customers. When the necessary data is provided, the stock quantity is reserved for the given customer and picklist proposals cannot be created from the reserved stock for a different customer. The reservation is based on the item/quality level, that is, this functionality does not block a batch from being used. When a proposal is created, a batch gets locked.
To consider: This information affects the Lock System of WMS, *see* **Chapter 5. – Limitations.**

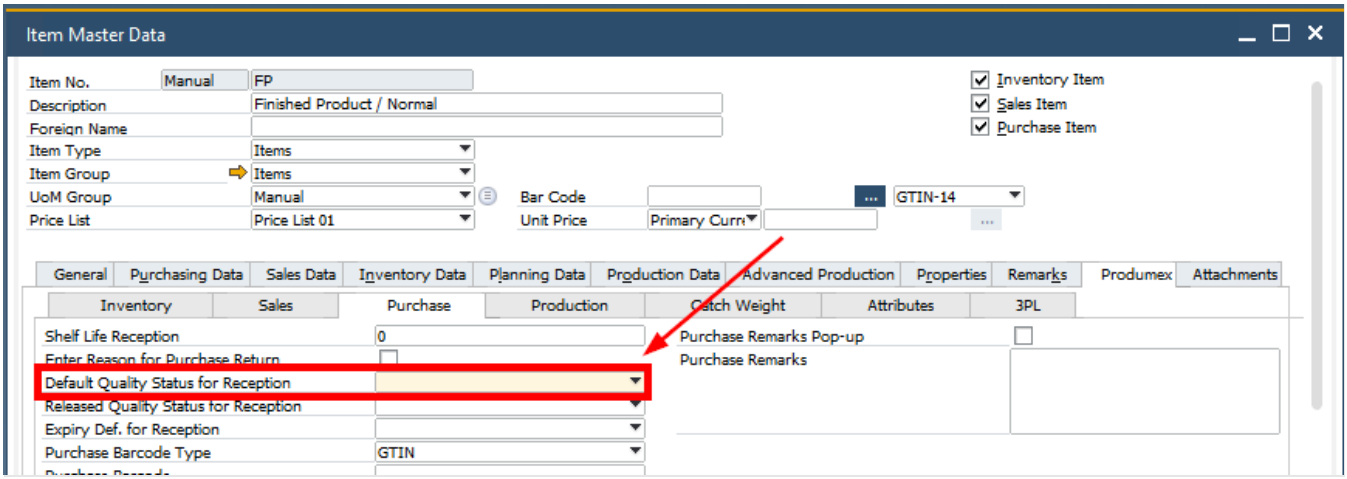
2.1.10. Item Master Data > Produmex tab > Purchase sub-tab > "Enter Reason for Purchase Return"

Description: Indicates whether a reason must be specified when returning a purchased item.
To consider: Beas ignores this information. If a purchase return is created from the Beas Quality control Transfer, this information is not requested, but the documented is created without error.

2.1.11. Item Master Data > Produmex tab > Purchase sub-tab > "Default Quality Status for Reception"

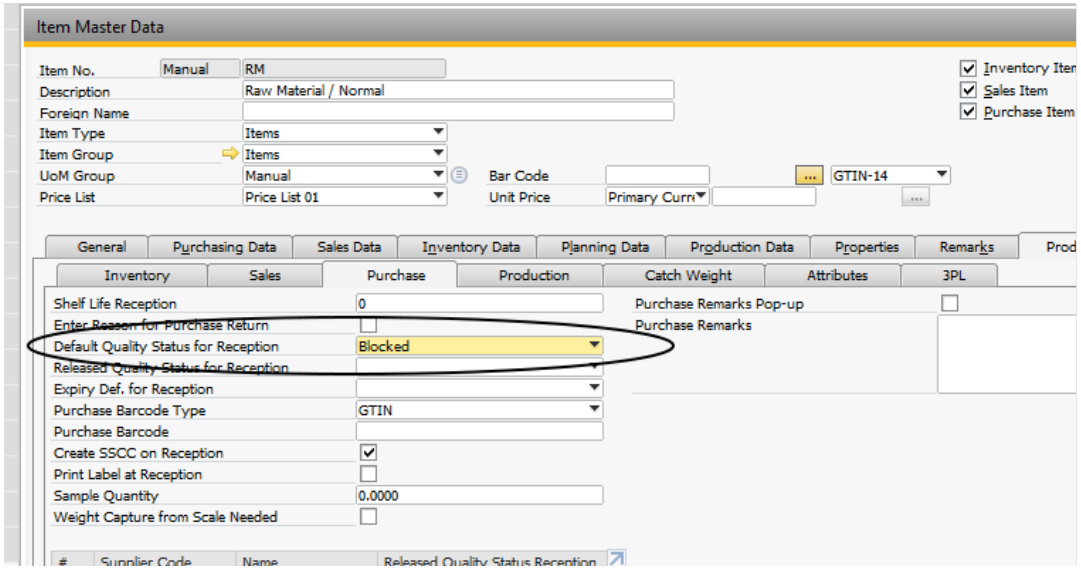
Description: This is the quality status the stock gets when producing new stock. This overrules the general setting.
To consider:

- In version 2021-08 and earlier: Beas ignores Quality Status at the item level; all receipt documents in Beas use the WMS global setting in the Organizational Structure.
- Starting with version 2021-09 Beas first looks for the default Quality Status at the item level and if it is not defined there, then it uses the WMS global setting in the Organizational Structure.

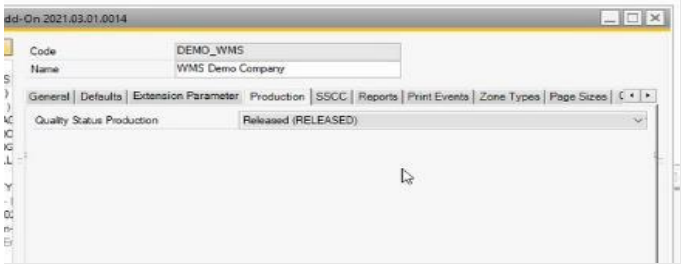


Note: "Default Quality status..." setting from Produmex > Purchase tab is considered for all Beas receipt processes.

Quality status for receipts processes by item: WMS Quality status for Beas receipt processes can be read by Item:

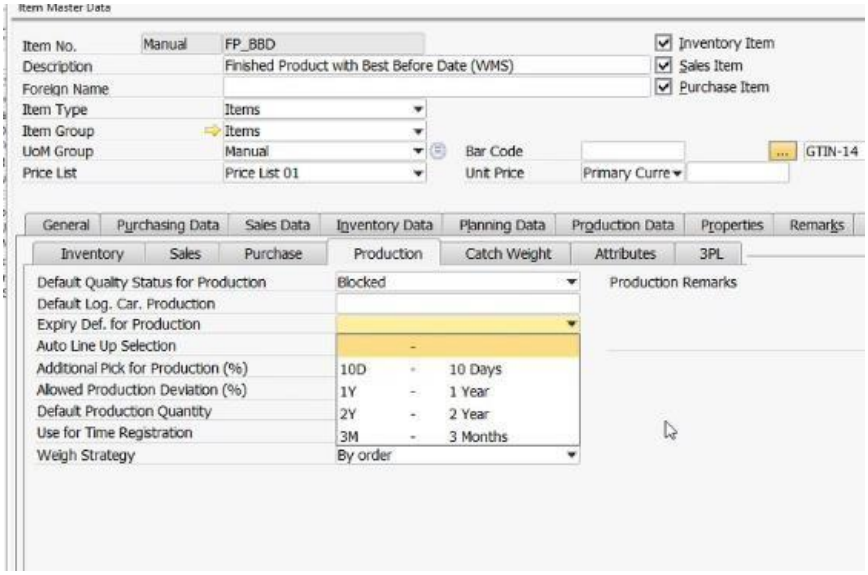


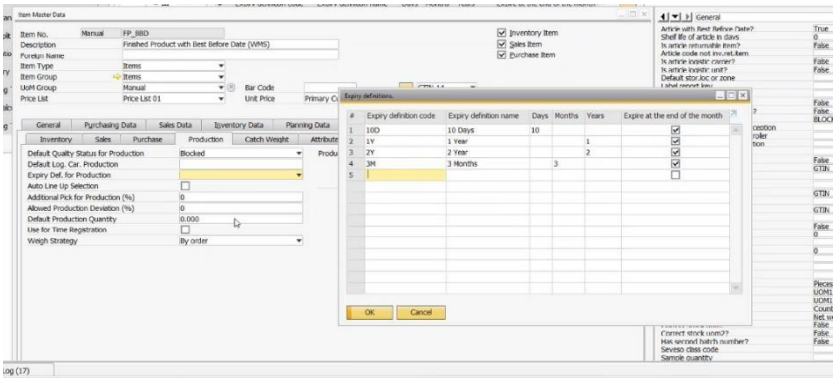
If the WMS field "Default Quality Status For Reception" for the item is empty,
Beas reads the global setting (WMS > Organizational structure > Production):



2.1.12. Item Master Data > Produmex tab > Production sub-tab > “Expiry def. for production”

Description: WMS Expiry Definitions are used to create standard definitions of best before date which can be linked to items. These definition as maintained in the UDT “PMX_EXDP” – Expiry Definitions.
To consider: Beas ignores this information. Beas uses the information defined in Beas Batch/Serial that help to calculate the expiration date.



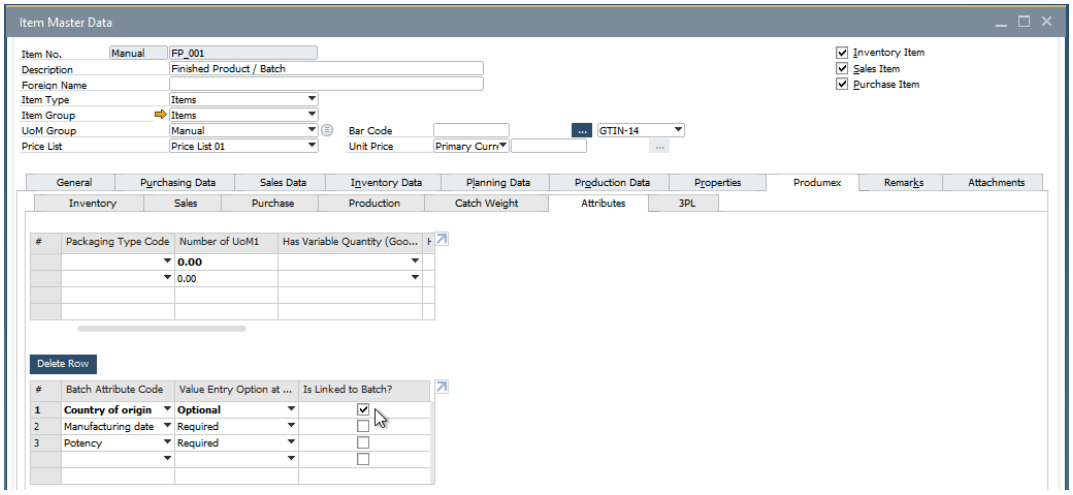


2.1.13. Item Master Data > Produmex tab > Catch weight sub-tab > “Catch weight item?”

Description: Indicates if the item is a catch weight item. This option activates the second UoM.
To consider: Beas does not support this option. Currently, it is recommended to deactivate this option because Beas is not able to manage the additional information required by this functionality.

2.1.14. Item Master Data > Produmex tab > Attributes sub-tab > “Batch Attributes”

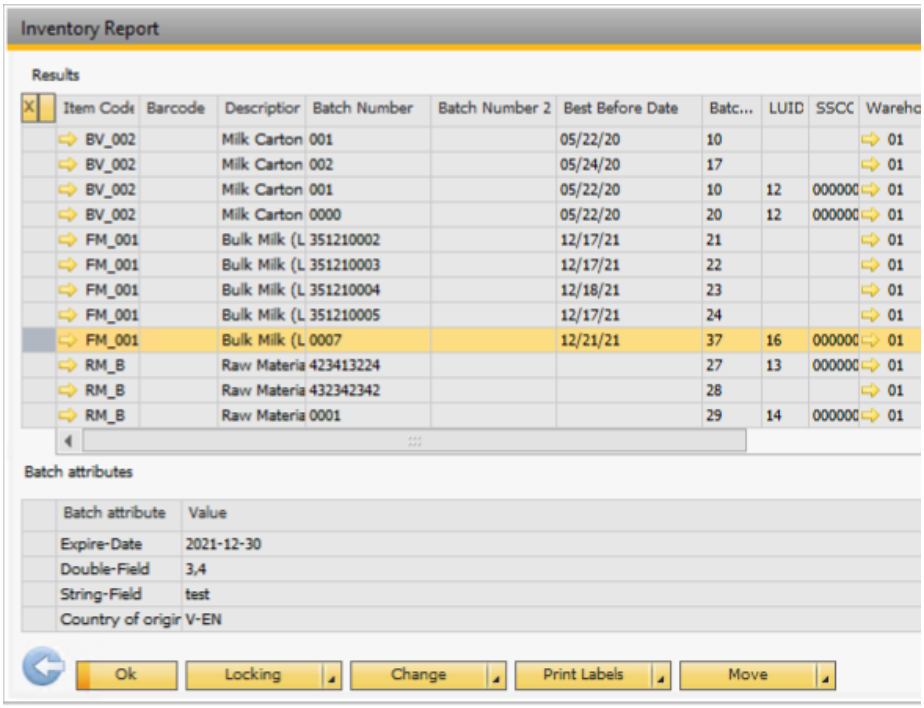
Description: If an item has a batch, batch2 or Best Before Date (BBD), the system can ask for batch attributes during reception and production.
When a new combination of batch, batch2 or BBD is entered, the system asks for the batch attributes linked to the item. The values of the batch attributes are stored in the table PMX_ITBA. There are some predefined batch attribute types. Those batch attributes are stored also in the table PMX_ITRI.



Beas supports WMS Batch attributes in the following manual receipt processes:

Work order Backflushing
Production Time Receipt
Collective Receipt

The system saves all attributes behind the WMS Batch attributes:

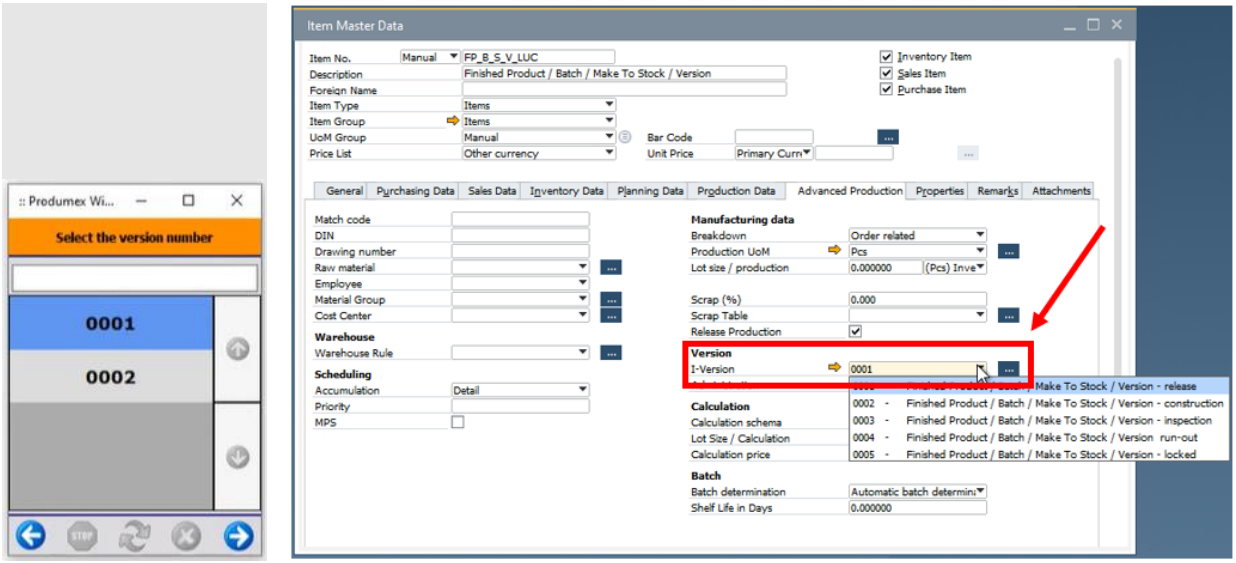


Limitations:

- In WMS, when the "Is Linked to Batch?" checkbox is checked, WMS automatically uses the previously entered batch attribute value for the same batch. If it is not checked, then WMS always prompts for a new batch attribute value even if the same batch was previously received. This setting is ignored for the first receipt of a batch. See the Produmex WMS Wiki for specific information.
- In Beas, batch attributes are requested only at the first receipt of that batch. The integration ignores the WMS “Is Linked to Batch?” setting.
- The integration ignores the WMS “Value Entry Option at Reception” parameter; it considers all batch attributes to be “Optional”.
- Currently this is supported in the Beas desktop solution. WebApps are not supported.

2.1.15. WMS support to Beas Item Version Control

WMS 2021.09 supports Beas version-managed items (I-Version) in Beas Goods receipts for batches or serial numbers.



During the flows the Mobile Client displays a new *Select the version number screen,* and the system uses the version numbers specified in Beas Manufacturing. The following flows and windows support the new feature:

Reception: No PO Flow

Reception: Order Flow

Reception: Container Flow

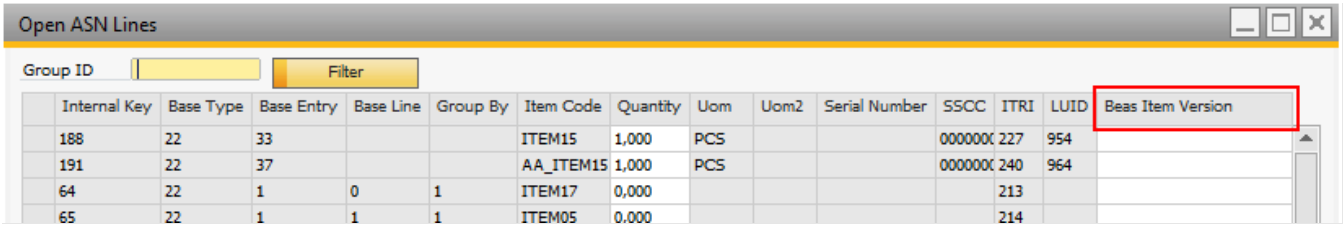
Bulk Reception: No PO Flow

Bulk Reception: Order Flow

ASN Reception Flow (Mobile Client & Open ASN Lines window)

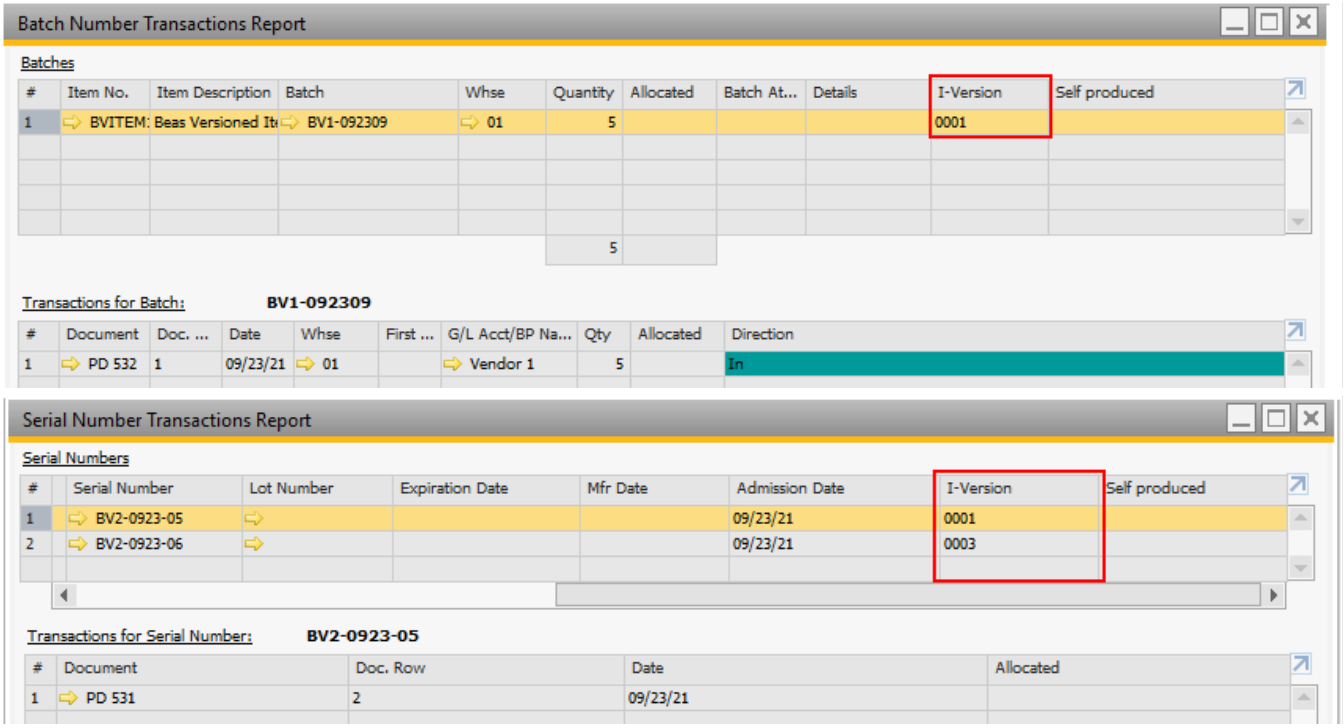
Goods Receipt PO window

In the Open ASN Lines window a separate Beas Item Version column is displayed. The fields of the column can be filled and saved and in this way the Mobile Client does not request the version number.



Internal Key	Base Type	Base Entry	Base Line	Group By	Item Code	Quantity	Uom	Uom2	Serial Number	SSCC	ITRI	LUID	Beas Item Version
188	22	33			ITEM15	1,000	PCS			000000(	227	954	
191	22	37			AA_ITEM15	1,000	PCS			000000(	240	964	
64	22	1	0	1	ITEM17	0,000					213		
65	22	1	1	1	ITEM05	0,000					214		

When the Goods Receipt PO document is generated, you can see the version in Batch Number Transactions Report or Serial Number Transactions Report:



3. BEAS FUNCTIONALITY SUPPORTING WMS WAREHOUSE

3.1.01. WMS bin locations

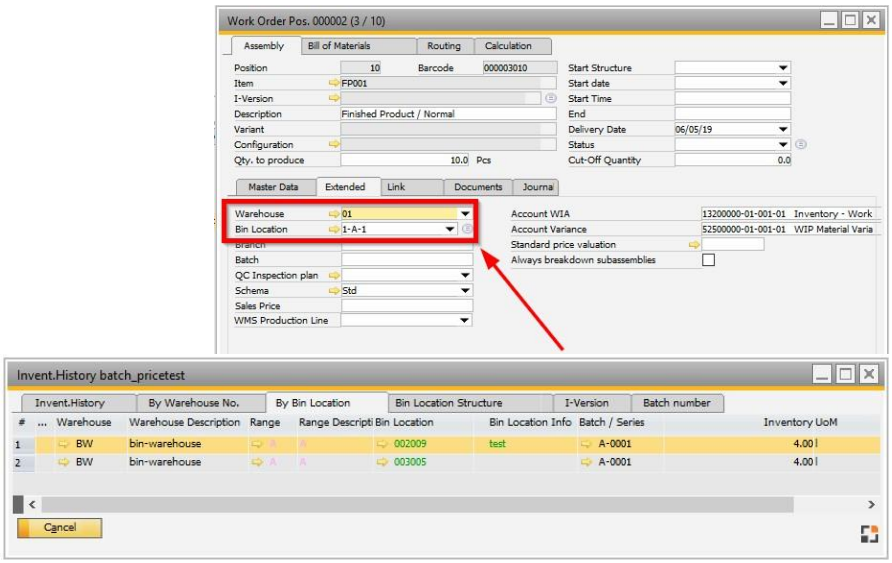
The users can make production goods issues and goods receipts directly to a WMS warehouse, taking advantage of all the features offered by WMS and avoiding having to transfer to an SAP Standard warehouse. When a WMS warehouse is selected in the Beas window, it is possible to read the available bin locations defined in WMS.

WMS bin locations are supported in the following Beas functions:

- Stock Transactions window
- Work orders
- Inventory History
- Quality Control transfer
- WebApps

Note: WMS bin locations are not supported in the following Beas functions:

- Inventory Counting
- External operation
- Batch split

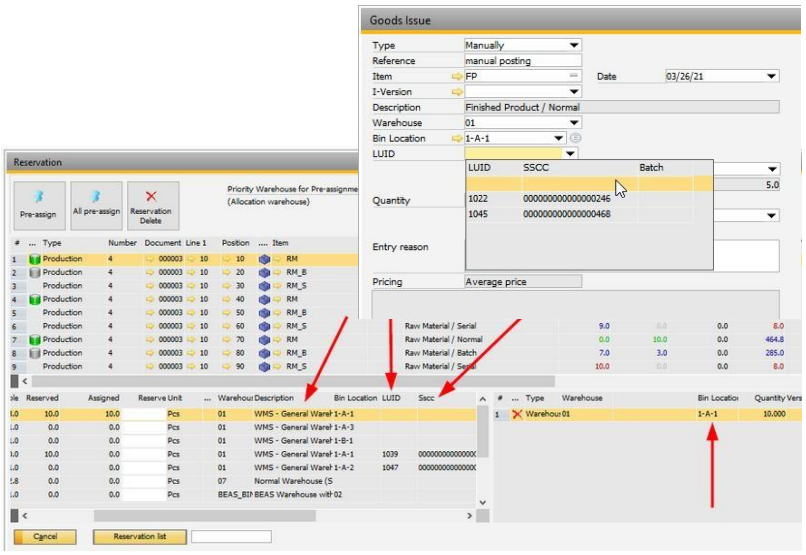


3.1.02. SSCC/LUID Support

In any window of Beas production stock transactions (manual Production Goods receipt, Collective issues or Backflushing window) the user can see the SSCC information to select an item in an SSCC.

WMS SSCC and LUID are supported in the following Beas functions:

- Stock Transactions
- Productions Goods Issues
- Production Goods receipt
- Reservation/ Allocation screen
- Production goods issues
- Production Goods receipt



See SSCC/LUID support in Beas WebApps in **Chapter 3.1.09.**

NOTE: Automatically created receipts create new SSCCs and are not added to existing ones.

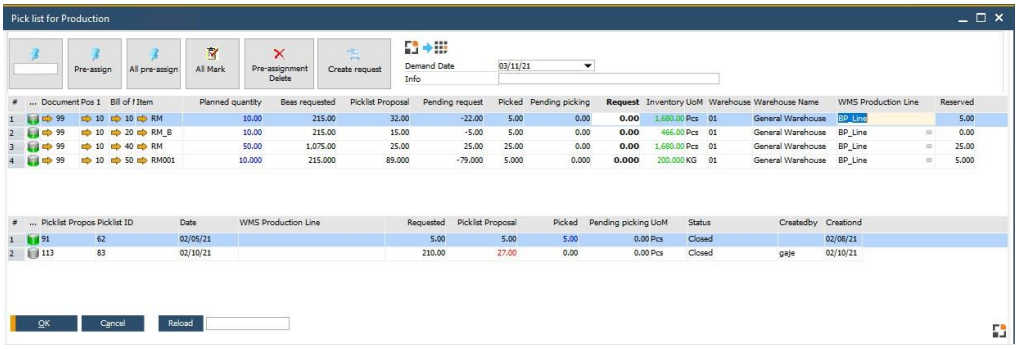
3.1.03. Picklist for production

The WMS Picklist allows Production staff to request material quantities for a Beas Work order. This is a 2-step process:

1. First a WMS Picklist Proposal is created.
2. Then the Picklist is created, either automatically or via WMS screens, depending on Beas and WMS parameters).

This window provides visibility of the status of the request to the user. The flow uses a picklist generated from the Beas work order as an input. The system locks the stock when creating the picklist proposal and the picklist. When the components are moved to the input location, Produmex WMS sends a notification to Beas. The production operator requests material for the production line (via a Picklist request from the Beas window), which can be a partial quantity of the total of the work order. Then, the warehouse operator picks the material request using a picklist document to deliver to the production line.

Note: A separate picklist is created for each production line.

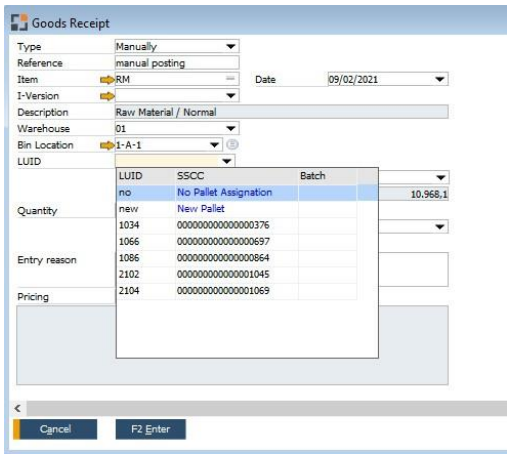


3.1.04. Production Goods issues

For issue transactions, Beas only displays the SSCC items that are linked; by default, the reserved Item in specific SSCC is the priority in automatic issues or in a preassign process.

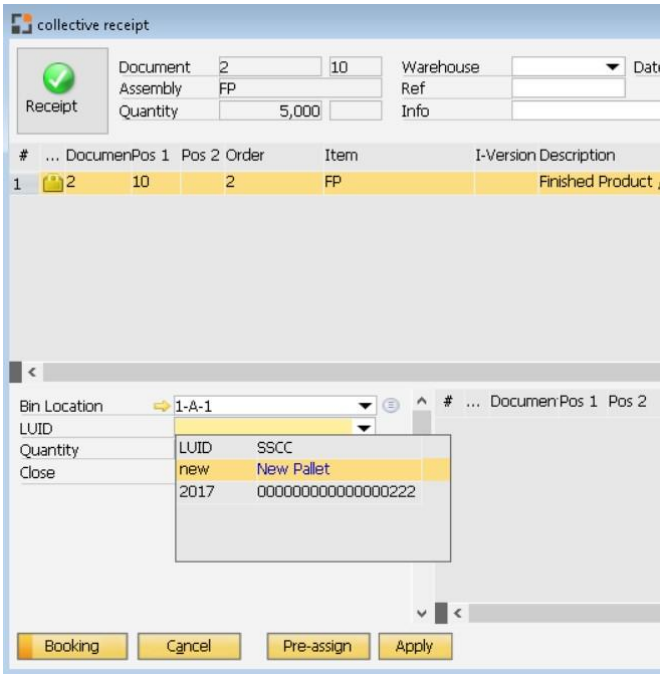
3.1.05. Production Goods receipt

An SSCC can be required at the Beas Production Goods receipt in a WMS warehouse. By default, a new SSCC is automatically created. The Beas setting “LUID Behavior” (in the WMS section of the Beas Configuration wizard) controls whether Beas creates an SSCC. You can change to receive items without an SSCC (to be assigned later in WMS) or select an existing SSCC in the manual Goods issue. In the Receipt process the



system shows all pallets in the selected WMS bin location (only WMS warehouses). The Transfer window applies the same rules for the source/target dropdowns as for the issue/receipt windows.

Click in the dropdown and then start to search. The dropdown searches by LUID + SSCC, as well – you can select any pallet.

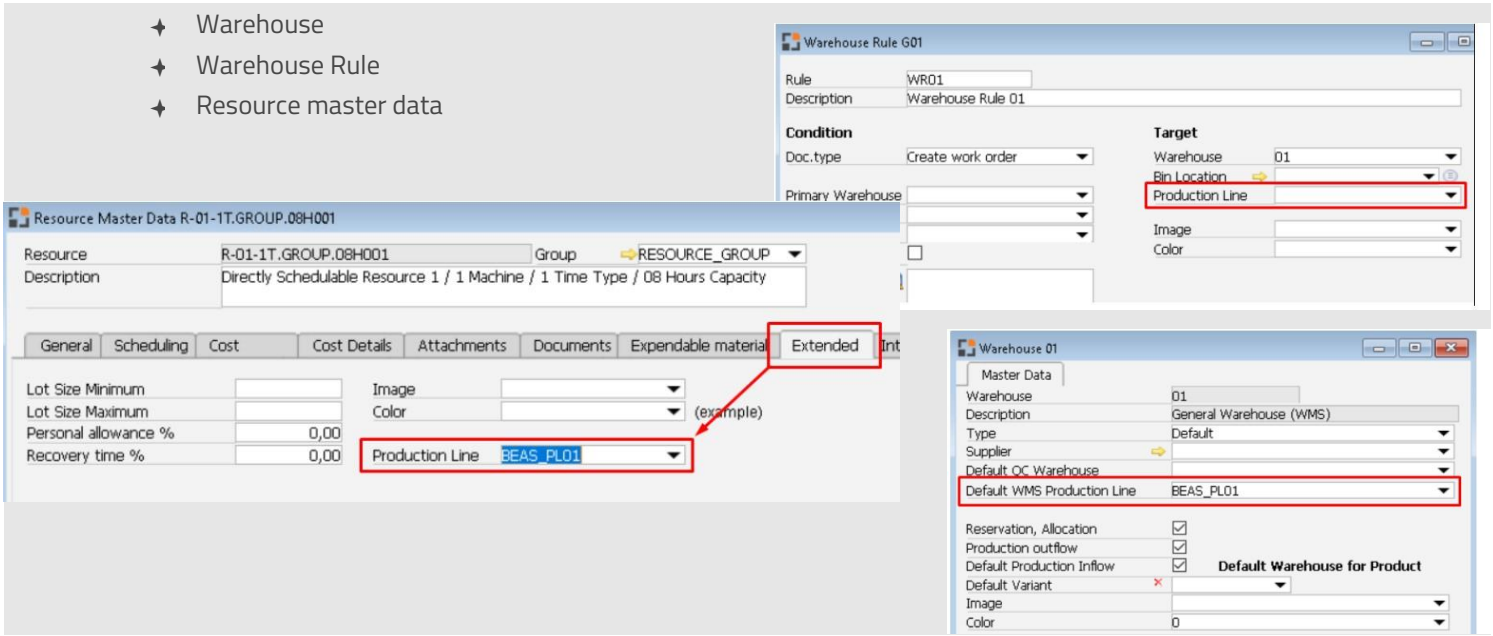


3.1.06. WMS Production line determination

The WMS Production Line must be specified on each Beas Work Order. This indicates where the material for work order is to be located. To help with the process workflow, a Production line could be assigned at work order creation.

It is possible to assign a default Production Line in the master data, based on these Beas settings:

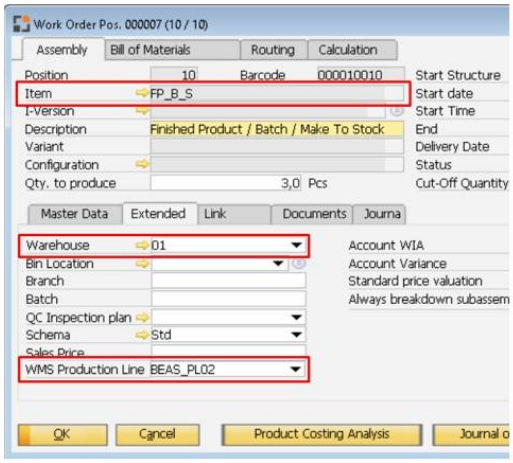
- Warehouse
- Warehouse Rule
- Resource master data



Later, this information is used at the automatic assignation of the Production Line at work order creation or in the Picklist for production window.

At work order creation:

Automatically assign Production Line at work order creation according to the priority, warehouse rule related to the item or warehouse default Production Line:

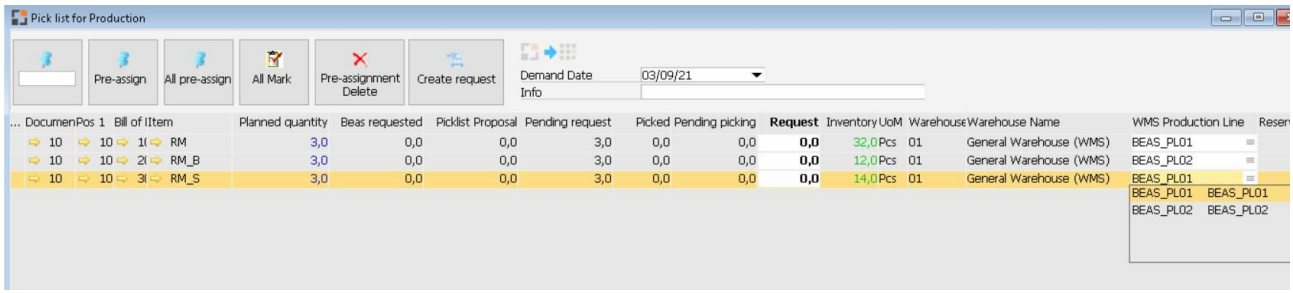


1. If there is a Production Line in the Warehouse rule
2. The default Production Line on Warehouse level.

In lack of a linked Production Line, you must set it up manually.

At Picklist for Production:

In Beas it is possible to assign production lines automatically in the Picklist for Production function.
If the Material is related to an operation, the system checks if the resource has a Production Line. Otherwise, Beas applies the work order position production line.
Manual Production Line modification is possible by using the dropdown field in the Picklist for Production window (*see* image below.)



3.1.07. WMS Best before date

Beas stock transactions support the WMS "Has Best Before Date" indicator. *See* **Chapter 2.1.05.**
For non-tracked Items, the Best Before Date calculated information is saved in the line of the document.

For Batch and Serial Items, the Best Before Date is saved in the Batch details information, and the date is calculated with the Beas shelf-life definition.

3.1.08. WMS Quality status

Beas supports issue documents for different Quality Statuses defined in Produmex WMS:

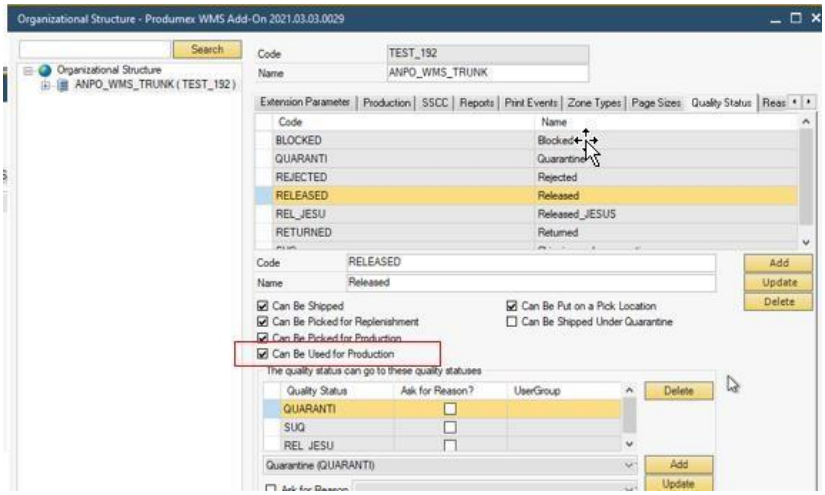
In Beas Goods receipt:

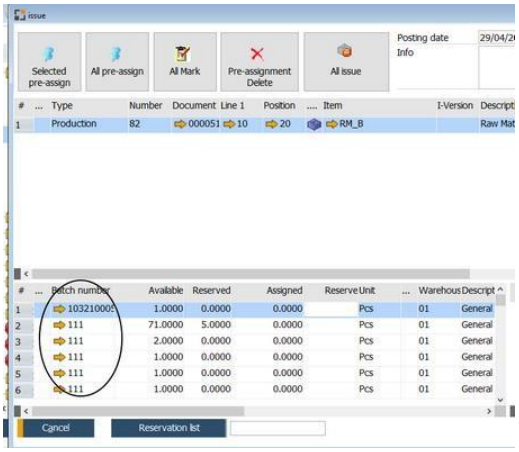
With any receipt created by Beas, the Default Quality status is set according to the “Default Quality Status for Reception” in the item master data *See* 2.1.11.

In Beas Goods issues:

When working with a WMS database, and connected Produmex Add-On, the list is filtered based on the Produmex WMS Add-On > Organizational structure > Quality Status >"Can be used for production" flag setting.

If the "Can be used for production" field is active, this Beas window section only displays WMS items with this quality status flag:



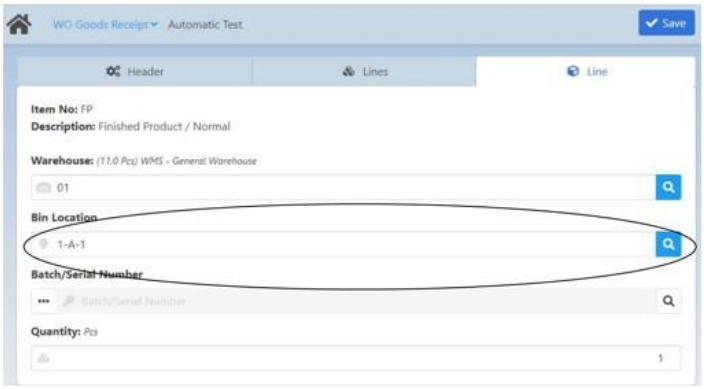


Note: It is not recommended to have more than 1 serial number per LUID, because the WMS Quality Status cannot be defined per serial number. And only one Quality status for the same batch of and Item in a SSCC is allowed.

3.1.09. WebApps support

Beas Manufacturing adds WMS bin location support in the Work Order Goods Issue and Goods Receipt WebApps in Beas Web Terminal 2.0.

NOTE: It is not recommended to use Beas for WMS stock transactions. Use Beas with the Production transaction apps (indicated in bold letters) listed below.



Beas WebApps supporting WMS Bin Management:

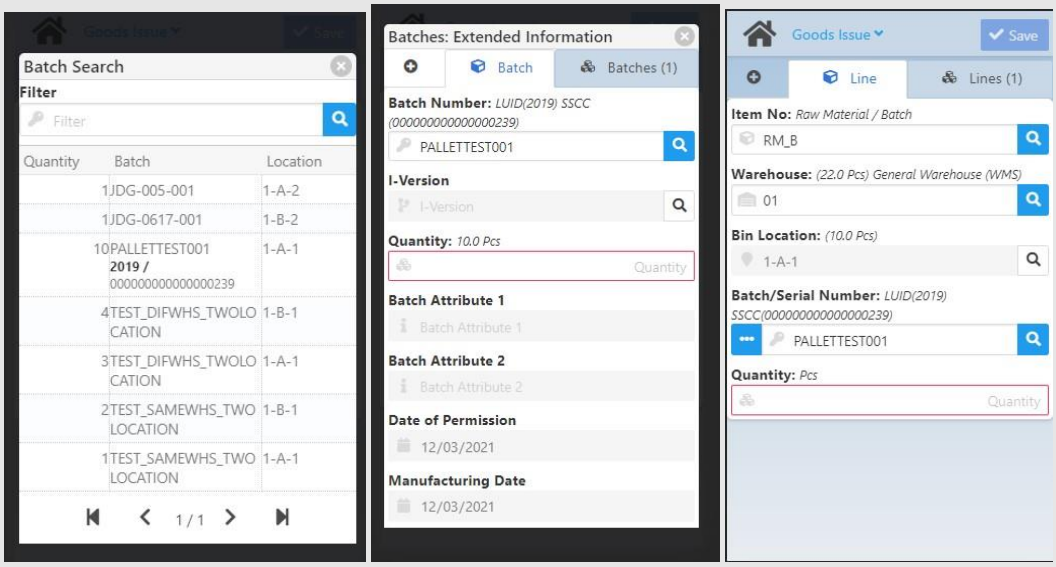
- Goods Issue
- Goods Receipt
- **Goods Receipt PO**
- Batch/Serial inventory info
- Inventory Counting by list
- Inventory Counting by item
- Inventory History
- Stock Transfer
- Stock Transfer Request
- Warehouse Stock
- **WO Goods Issue**
- **WO Goods Receipt**
- **WO Backflushing**
- **WO Stop**
- **WO Start**

SSCC Support:

You can see the SSCC in the WebApps when working in a WMS warehouse, and search by the SSCC in the search window.

Once a batch/serial with SSCC is selected, the information is displayed also together with the batch as a "subtitle" for the caption. ***See*** images below.

> **NOTE**: The selection of a non-batch/serial item located in a SSCC (WMS warehouse only) are not supported yet and will be added in the next releases.



The Beas WebApps supporting SSCC/LUID:

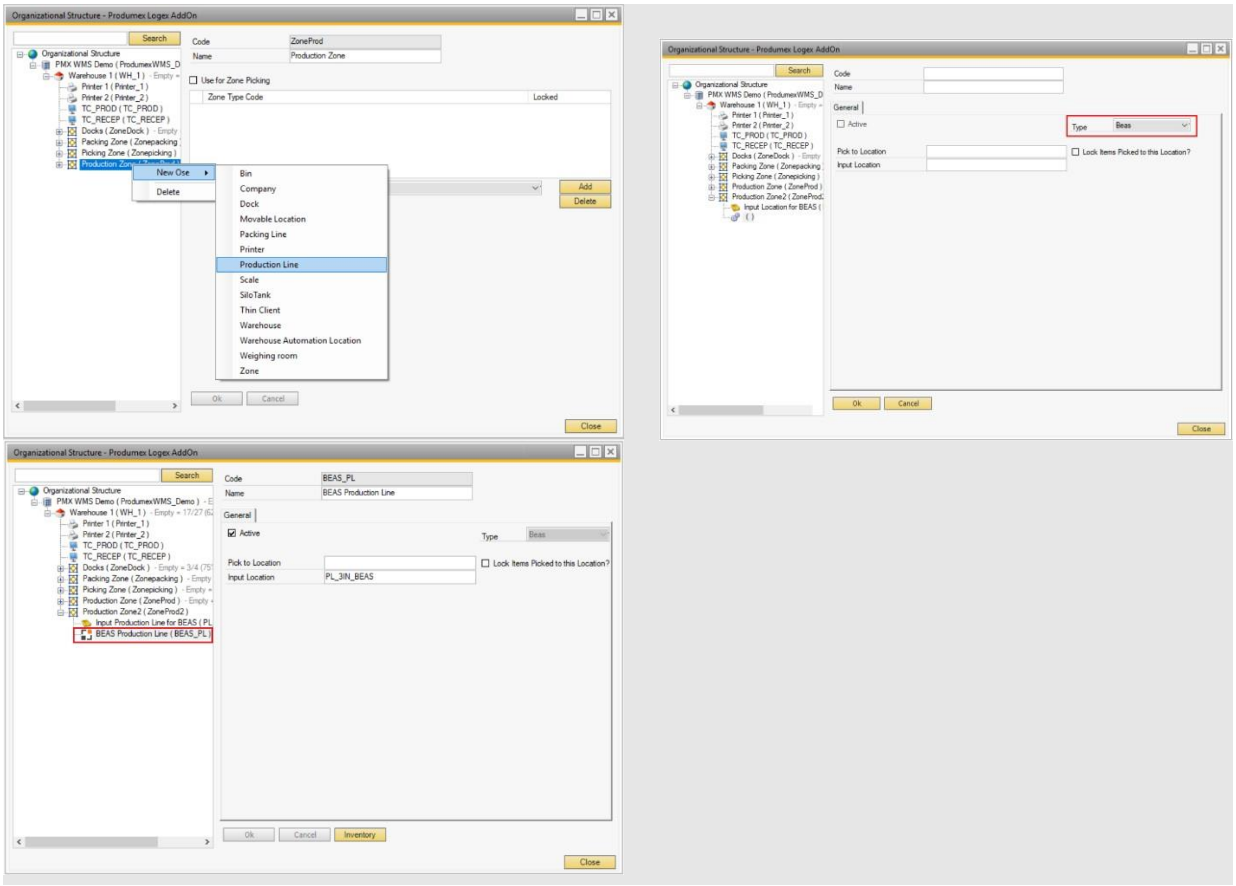
(for detailed SSCC/LUID field behavior in the various apps ***see*** BEAS-WMS integration Online Help):

- Allocation
- WO Material Reservation
- Reservation List (only displays information)
- WO Backflushing
- WO Time Receipt
- WO Goods Issue
- WO Stop
- Goods Issue
- Picking SO
- Allocation
- WO Material Reservation
- Stock Transfer

4. WMS FUNCTIONALITY SUPPORTING BEAS

4.1. Beas Production Line definition

You can define a Beas type Production Line in the WMS Organizational Structure.



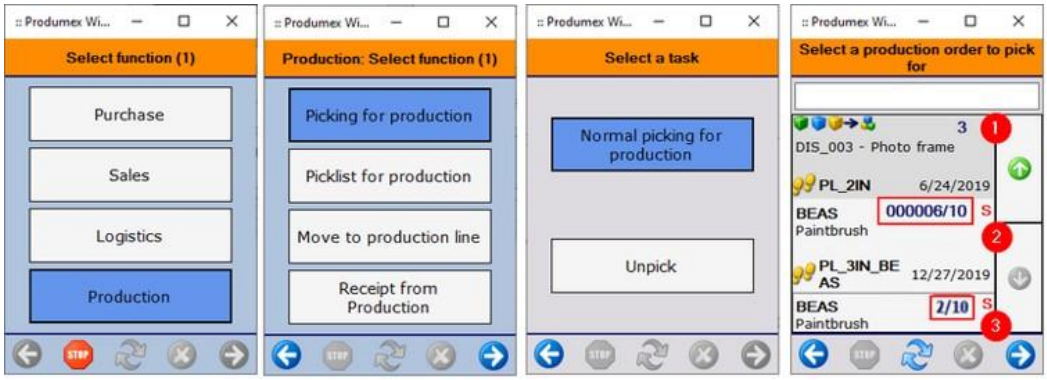
Note: We recommend keeping the WMS field “Lock items to this location” deactivated.

4.2. Picking to Production

The Picking for Production Flow identifies Beas Work Orders if the work order position is linked to a Beas-type production line.

When the workflow is started on the Mobile Client, the ‘Select a production order to pick for’ screen displays the Beas work orders.

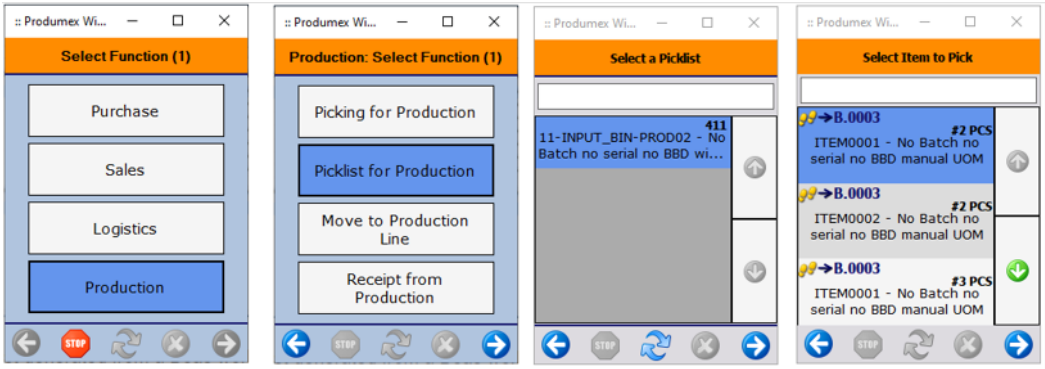
See workflow in **Chapter 6.**



4.3. Picklist for production

With this workflow Beas provides the material requirements to Produmex WMS for a work order position to create a WMS Picklist.

See workflow in **Chapter 6.**



4.4 Integration services

For various Beas-WMS integrated functions you must have the following services installed and running on your system:

WMS: PMX SBO Notification Listener

BEAS: Beas Common Interface

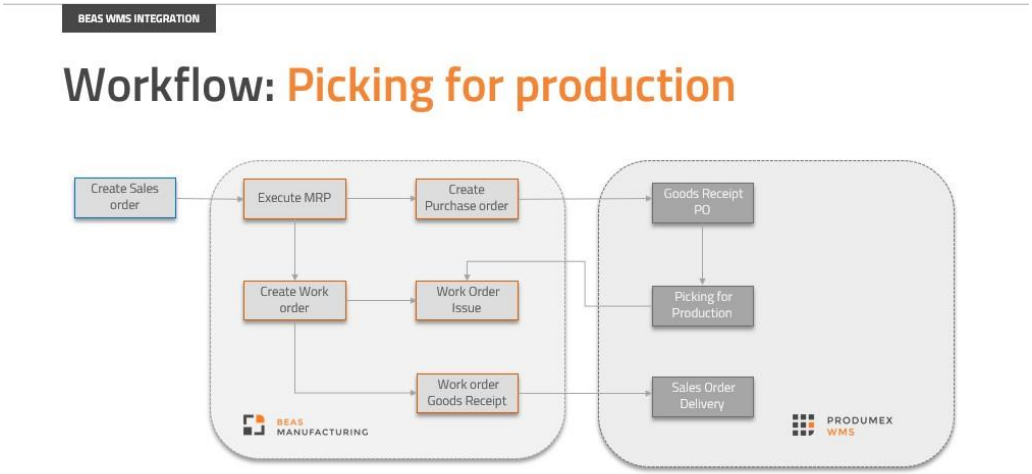
5. KNOWN LIMITATIONS

The following functions are not supported:

- WMS Lock System / Beas reservation
- Beas Version control in WMS picking process

- WMS Catch weight
- WMS Batches
- Additional attribute information
- Beas External Operation, Inventory Counting – Is possible only in Standard (not bin-managed) warehouses
- Beas Reservation for Sales order Items is not recommended.
- WMS Quality status – Different Quality status for same pallet

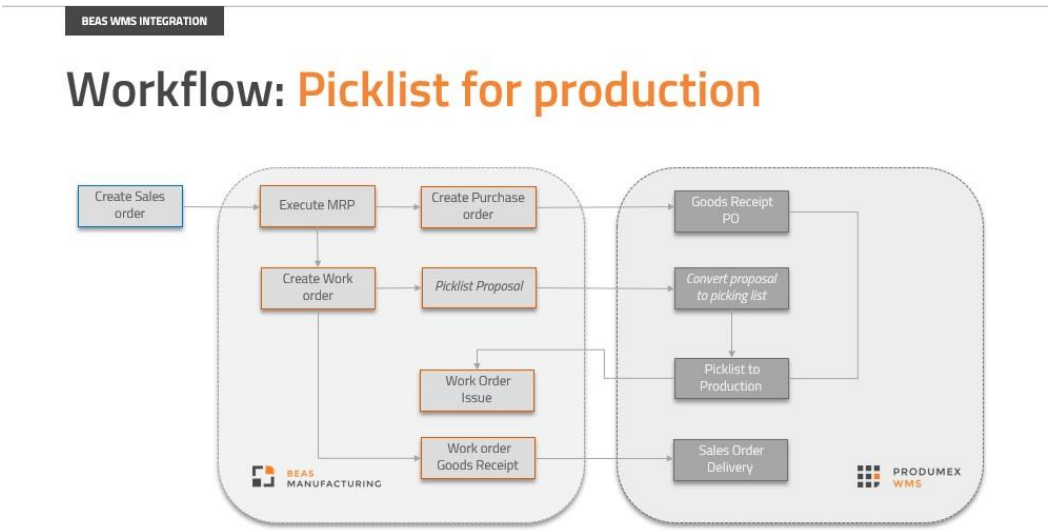
6. BEAS-WMS INTEGRATED PROCESS FLOW: PICKING FOR PRODUCTION PROCESS



In this flow Beas does not send a request to WMS, as the created Beas work order can be seen in WMS.

1. Create a Sales order in Beas.
2. Execute MRP on the Sales order information.
3. As a result, Beas can create a Purchase order or a Work order.
4. In case of a Purchase order, the material is received in WMS (Goods Receipt PO).
5. As the information of the work order is in the Goods Receipt PO, WMS can perform a picking for production.
6. WMS sends the material for the Beas Work order issue. Reservation for the material is created.
7. Beas Work order receipt is created.
8. The product can be delivered on WMS side (Sales Order delivery).

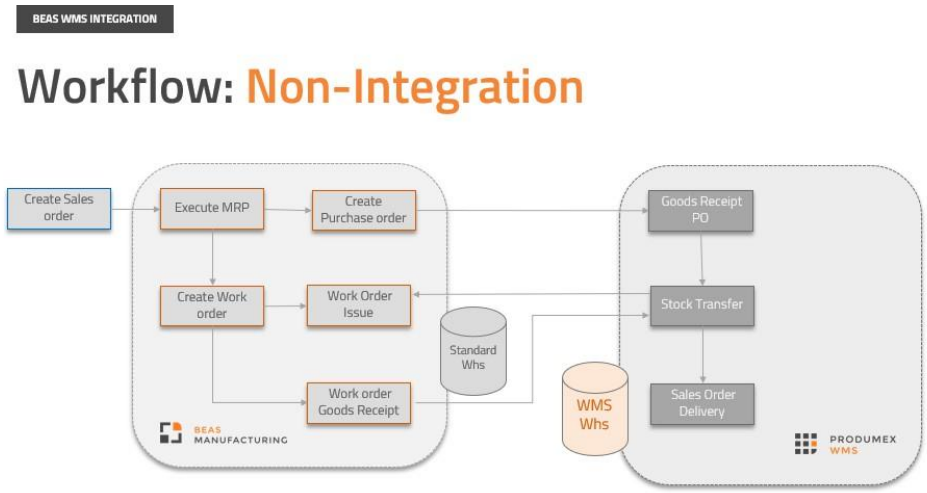
7. BEAS-WMS INTEGRATED PROCESS FLOW: PICKLIST FOR PRODUCTION PROCESS



In this flow Beas sends a request (Picklist proposal) for materials to WMS.

1. Create a Sales order in Beas.
2. Execute MRP on the Sales order information.
3. As a result, Beas can create a Purchase order or a Work order.
4. **A:** Create Work order in Beas: Beas sends request for materials to WMS. As a result, WMS converts this proposal to a picking list.
   B: Create Purchase order in Beas: WMS receives the material (Goods Receipt PO)
5. WMS sends a picklist to production to Beas.
6. Beas creates Work order issues for the materials.
7. Work order Goods Receipt is created.
8. Sales order delivery takes place in WMS.

8. BEAS-WMS NON-INTEGRATED PROCESS FLOW



It is possible to perform all production-based processes on Beas side, and do the stock transactions on WMS side, without the above-mentioned integrated processes. In this case, production uses a Standard Beas warehouse, and the transactions use WMS warehouses.

IMPORTANT: All item master data are relevant (for example "Best before date" information, "Quality Status" etc.) even without using WMS warehouses.

9. BEAS WMS INTEGRATION DOCUMENTATION

The below linked documentation describes the integration between Beas Manufacturing and Produmex WMS. The details described therein always represent the latest changes and improvements in the integration process, and therefore are updated upon each version update of both software products.

https://help.beascloud.com/BEAS_WMS_integration/

Note: To take advantage of the latest changes of integration you must install the latest releases of both products. Follow the version compatibility at the documentation.

9.1 Beas - WMS Integration Database Check Tool

Introduction and Purpose

The Beas WMS Integration's database check tool (Tool) provides important information on how the Beas WMS Integration would operate within an existing database. It follows each of the sections in the Beas WMS Integration document. If a section of the document indicates that the integration handles certain functionality then the Tool does not evaluate that function. Conversely, if the document says that the integration does not support a function then the Tool evaluates the database looking for that condition.

The Tool is designed to be used by Boyum Partners who want to evaluate an existing customer database to analyze how the Beas WMS Integration would work for a customer. Specifically:

- An installation already running Beas and is considering deploying Produmex WMS
- An installation already running Produmex WMS and is considering deploying Beas
- An installation already running both Beas and Produmex WMS

Prerequisites for Use

- Read and fully understand the latest version of this present Beas WMS Integration document.
- Both Produmex WMS and Beas must be installed on the database. If the customer does not yet have both products licensed, then it is recommended that a backup of the customer's database be restored on a test / evaluation system where both systems are fully installed. The respective Add-Ons for both applications must be running within the database and usable within the SAP client.
- The Tool is written for and tested in version 2021.09 Beas and version 2021.09 of Produmex WMS. It should run without issues in Produmex WMS version 2021.07 and Beas 2021.06.
- The Tool may take a long time to run. It performs multiple evaluations that can scan all Item records. It scans all SAP Batch records looking for Batches that have lowercase values. It also scans all Beas Operations searching for External Operations.

Download the query that is attached to this article. It is designed to work in both Hana and SQL Server environments.

How it Works

The Tool outputs important information about the system. Most of the output links directly to sections of the Beas WMS Integration document. Most output is at the Item level; other information can be at the System or Warehouse level.

Each output row has an Impact value of: Information, Warning, or Critical. In some cases, the value of Impact is set based on the data found in the system. For example, if the version of either Beas or WMS is not the most recent release, then the value of the Impact field on the version row is set to Critical. However, if the version is current, the Impact field on this row becomes Information.

Certain issues are output only if running certain application versions. For example, if WMS Quality Status Defaults exist at the item level and the Beas version is before the version when support is added for this function, then output is produced for this issue. If the Beas version is at or after the version that supports this capability then nothing is output.

> Note: The Tool does not test for the use of Beas's item version feature (I-Version). ***WMS Version 2021.09 or higher must be used on installations that use Beas I-Versions.***

Using the Output

Each output row contains the following columns:

- Section – Section of the Beas WMS Integration document
  - Section numbers starting with 0 (zero) provide information that is not linked to the document
- Impact – Indicates the importance of the output. Values are:
  - Information
  - Warning
  - Critical
- Table Field Name – The database table and field linked to the output row
- Description – An explanation of the output row. See the table below.
- Item Code / Item Description – the Item that is linked to the output row
- Referenced Data – Data value that caused the row to be output (i.e., value of the WMS Decimal Places field, or value of WMS Zone Type field)
- Inv Item? – SAP Inventory Item (Y/N) field
- Item Type – SAP Item Type field
- Batch Tracked? – SAP Batch tracked (Y/N) field
- Serial Tracked? – SAP Serial tracked (Y/N) field
- UOM Group – SAP Unit of Measure Group field

Section	Data Issue Description	Notes
0.0.00	WMS Version: xxx; Beas Version: yyy	
0.0.01	Warehouse xxx is a Beas Allocation warehouse	WMS does not use Beas' stock Allocation concept
0.0.02	Warehouse xxx has SAP Bins enabled	

0.0.03	Beas Bins found in warehouse	Warehouse ID is in Referenced Data
2.1.01	Has PMX Serial Number is not supported by Beas	Item Master Data – General tab
2.1.02	Track Location of Serial Numbers is off for serial tracked item	Item Master Data – General tab
2.1.03a	Management Method is Release Only for serial or batch tracked item	Item Master Data – General tab
2.1.03b	Issue by is not Serial/Batch for serial or batch tracked item	Item Master Data – General tab
2.1.03c	Unique Serial Number by is not Serial Number	General Settings - Inventory Tab
2.1.04a	Decimal Places detected	Item Master Data - Produmex tab Inventory sub-tab
2.1.04b	Differences in Decimal Places detected (WMS - Beas)	First value in Referenced Data is WMS setting, the second is the Beas value
2.1.06	Has second batch number	Item Master Data - Produmex tab Inventory sub-tab
2.1.07	Zone Type Code	Item Master Data - Produmex tab Inventory sub-tab
2.1.09	Shelf Life Delivery defined	Item Master Data - Produmex tab Sales sub-tab
2.1.10	Purchase Return Reason, ignored by Beas	Item Master Data - Produmex tab Inventory sub-tab

2.1.11	Quality Status Production, ignored by Beas	Item Master Data - Produmex tab Inventory sub-tab
2.1.12	Expiry Definition, ignored by Beas	Item Master Data - Produmex tab Inventory sub-tab
2.1.13	Catch Weight	Item Master Data - Produmex tab Catch Weight sub-tab
2.1.14	Batch Attributes detected	Item Master Data - Produmex tab Attributes sub-tab
2.1.14	Batch Attributes Defined but not used	Item Master Data - Produmex tab Attributes sub-tab
Beas001	Existing Batches found with NON UPPERCASE values	
Beas002	External Operations not supported by WMS	