

## 3. Working with serial managed items

When working with SAP serial numbers in Produmex, set the 'Unique Serial Numbers by' parameter to 'Serial Numbers' on the General Settings window in SAP B1.

### 3.1. On every transaction management method

If an item is managed by 'On every transaction' serial numbers, after the item quantity is added, the system proceeds to a screen where the serial numbers can be scanned.

Scan the serial numbers.

If the warehouse is managed by bin locations, enter the bin location first. It is possible to add the serial numbers into different bin locations.

The total number of the scanned serial numbers must equal to the quantity added on the previous screen.

### 3.2. On release only management method

Produmex only supports serial numbered items with 'on release only' management method when the 'Automatic Serial Number Creation on Receipt' option is enabled.

When this option is enabled, SAP B1 creates 'blank' serial numbers when receiving stocks without entering serial numbers. When creating outbound transactions, Produmex first checks if there are already existing 'real' serial numbers. If not, the system updates the "blank" serial numbers in SAP B1 with the serial numbers that will be issued and the transaction will be booked with these updated serial numbers.

Depending on the process, the quantity can be added by entering the quantity or by scanning the serial numbers.

**Limitation:**

Please note that you cannot change the base Unit of Measurement (UoM) group for an On Release Only (ORO) Serial Number managed item. The default UoM group for the item will be the base UoM group.

While you have the option to change the UoM group on the document line screen, the system will not save this setting, and the UoM will revert to the base UoM group.

Therefore, for the following flows the UoM group selection for ORO Serial Number managed items is temporarily not supported.

**Affected functions:**

- GRPO

- **Free GRPO**
- **Stock Transfer Request**

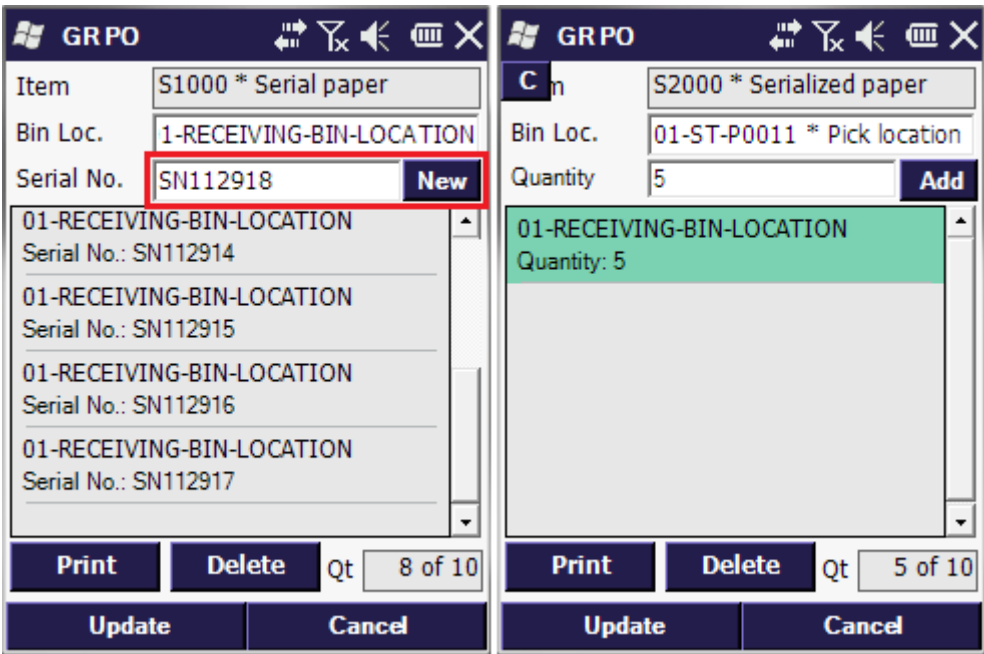
### 3.3. Examples

#### Goods Receipt

When receiving items managed by serial numbers, after the quantity to receive was added or updated on the Good Receipt PO lines screen, the system automatically prompts the user to the Goods Receipt Serial Quantities screen.

- If the item is managed by 'On every transaction' serial numbers, scan the received serial numbers. To delete a serial number, select its line and press the Delete button.  
It is possible to configure automatic serial number creation. For more information please see: [Serial number generation](#). To automatically create the serial number, press the New button.
- If the item is managed by 'On release only' serial numbers, simply add the received quantity to the Quantity field and press the Add button. The system automatically creates empty (placeholder) serial number records.

Press the Update button to save the changes and to go back the previous screen. The quantity of the scanned/added serial numbers must be equal to the quantity added on the Good Receipt PO lines screen.



#### Sales orders

When delivering items managed by serial numbers with the Sales orders function, after the quantity to issue was added on the Sales Issue Lines screen, the system automatically prompts the user to the Sales Issue Quantities Serial screen. Scan the serial numbers you would like to issue. The total

number of the scanned serial numbers must be equal to the quantity to issue that was added on the Sales Issue Lines screen.

- If the item is managed by 'On every transaction' serial numbers, only serial numbers that are in stock in the warehouse/bin location can be scanned.
- If the item is managed by 'On release only' serial numbers, the number of the scanned new serial numbers cannot exceed the blank serial numbers on stock in the warehouse/bin location. After a new serial number is scanned, the blank serial number is updated with the scanned new serial number. If the user scans a serial number that exists on the bin location, no blank serial number will be updated.

Press the Done button to save the changes and to go back the previous screen. The quantity of the scanned serial numbers must be equal to the quantity added on the Sales Issue Lines screen.



## Stock transfer

When transferring items managed by serial numbers, after the item was selected on the Transfer Stocks Screen, the system automatically prompts the user to the Transfer Stocks Quantities Serial screen.

- If the item is managed by 'On every transaction' serial numbers, scan the serial numbers to transfer. Only serial numbers are on stock in the warehouse/bin location can be scanned.
- If the item is managed by 'On release only' serial numbers, enter the quantity to transfer to the Quantity field and press the Add button. The system automatically allocates the blank serial numbers that will be transferred. The system automatically allocates the serial numbers to be transferred based on the serial number sequence.

Item	From Bin	To	Serial No.	Quantity
S1000 * Serial paper	01-RECEIVING-BIN-LOCATION	01-ST-P0012 * Input location	SN112912	
S2000 * Serialized paper	01-RECEIVING-BIN-LOCATION	01-ST-P0012 * Input location		5

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