BoM-Related

18/09/2026 1:49 pm BST

Relates to version

Tags: 9.0

BOM Definition, Use/Remove Transactions and As Built

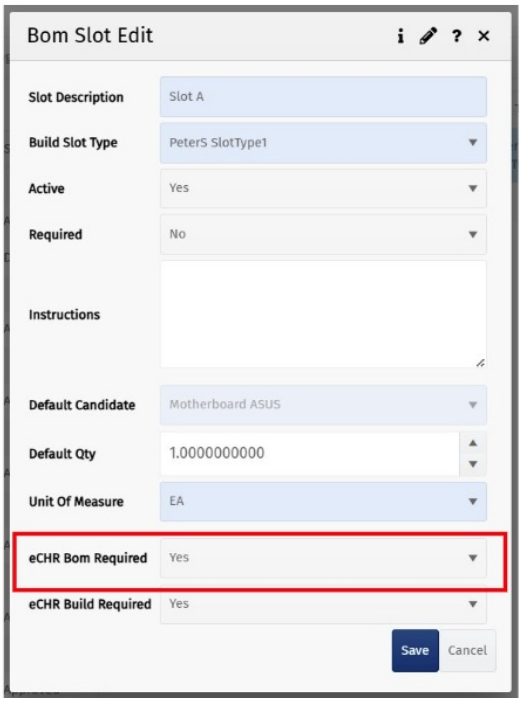
The following system eCHR line types record the details of the required BOM for the item linked to the eCHR:

- **BOM Definition**: Definition of the BOM for the item being made, i.e., what are the requirements?
- **Use/Remove Transactions**: Record of the actual transactions that took place, i.e., consumptions and removals.
- **As Built**: List of components in the parent item.

BOM Definition Line Type

It may not be necessary to capture all BOM information in the eCHR. For instance, the MES might be required to record and track the consumption of consumable items for inventory management purposes (e.g., via backflush), but this data is not relevant to quality and therefore not required in the eCHR.

The specific BOM elements that must be included in the BoM Definition can be configured in the BoM version's BoM Slot settings. Any slots marked as "Yes" under *eCHR BOM Required* will be recorded in the eCHR BOM Definition (provided the eCHR Profile has the line type *BOM Definition* included).



BOM Definition Triggers

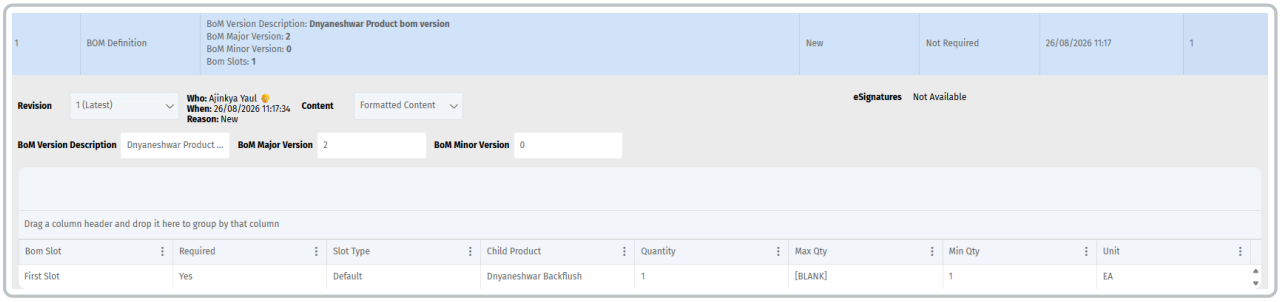
BOM Definition Trigger is either:

- Creation of a new eCHR for an item with a BOM (including when a new item is created as WIP at the start of a job OR

when there is a split off from an existing WIP item), or
- Transfer of an item to a new BOM version.

BOM Definition Reports

Website Report



Printable Report

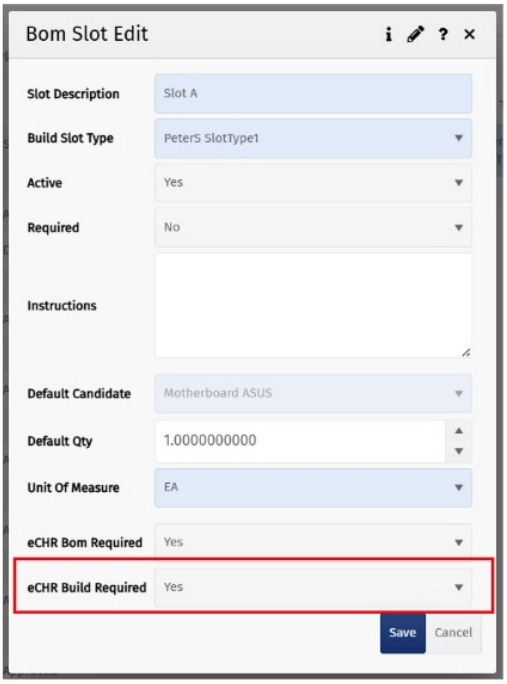
Config Name	Line Type	Details	Created	Last Edit User
BOM Definition	BOM Definition	BoM Version Description: **Dnyaneshwar Product bom version** BoM Major Version: **2** BoM Minor Version: **0** Bomslots: **1**	08/26/2026 11:17:32 AM	Ajinkya Yaul

Bom Slot	Slot Type	Required	Child Product	Quantity	Unit	Max Qty	Min Qty
First Slot	Default	Yes	Dnyaneshwar Backflush	1	EA	[BLANK]	1

Use/Remove Transactions and As Built Line Types

Consumption of a component on the BOM may not be recorded in MES at all. For example, there is just a physical Kanban bin that is managed centrally, so although it is listed in the BOM, there may be no transactions/corresponding As Built in the MES.

- **eCHR BOM Required:** If *Yes*, it determines which elements of a BOM are required to be in the BOM definition and the **As Built** record.
- **eCHR Build Required**: If *Yes*, use/remove transactions for this BOM slot will be included in the eCHR for the item.



Use/Remove Transactions Trigger

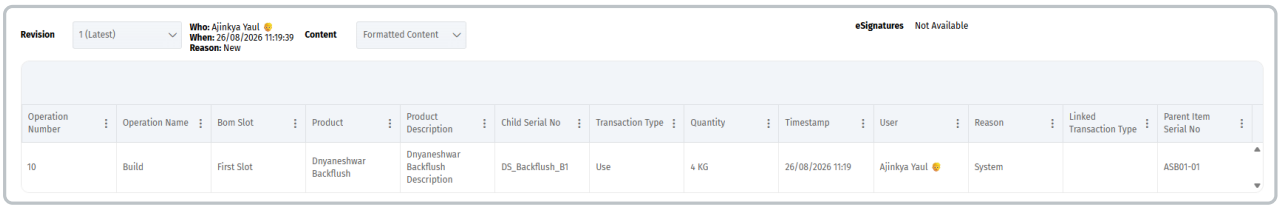
- Consumption or Remove transaction.

As Built triggers

- Finalisation of the eCHR.
- New revision for any removals or consumptions (if eCHR reopened).
- Split of the parent item or creation of an item through a split.

Use/Remove Transactions Line Type Reports

Website Report



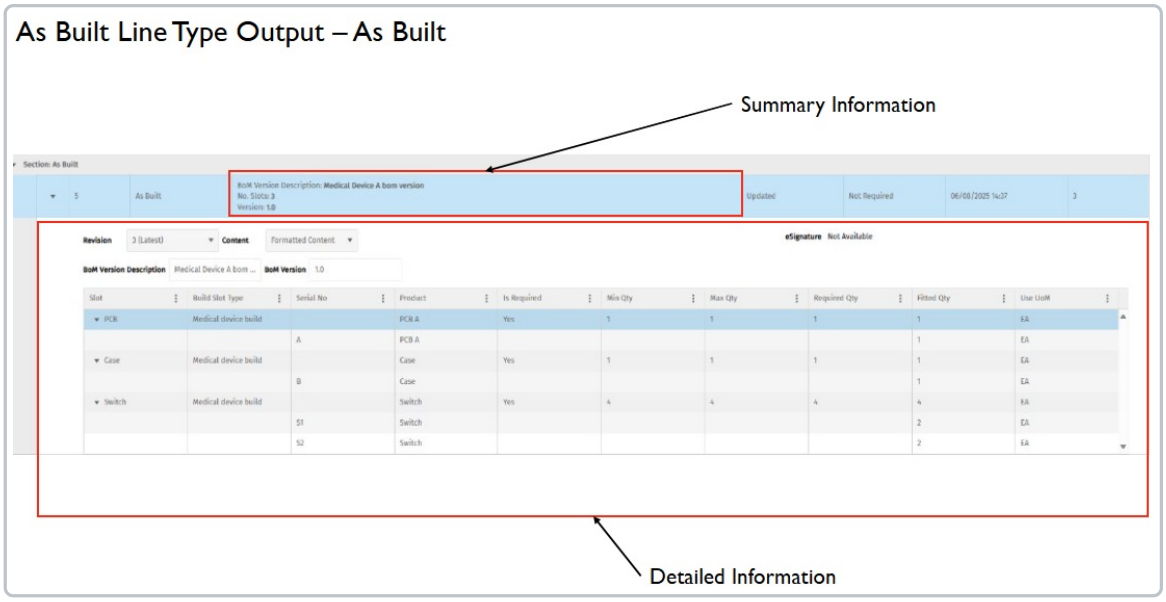
Printable Report

Config Name	Line Type	Details	Created	Last Edit User
Use/Remove Transaction	Use/Remove Transactions	Parent Serial No: **ASB01-01** Bom Slot: **First Slot** Child Product: **Dnyaneshwar Backflush** Child Item Serial Number: **DS_Backflush_B1** Quantity: **4 KG** Timestamp: **08/26/2026 11:19:34 AM** Transaction: **Use** Processed By: **Ajinkya Yaul**	08/26/2026 11:19:39 AM	Ajinkya Yaul

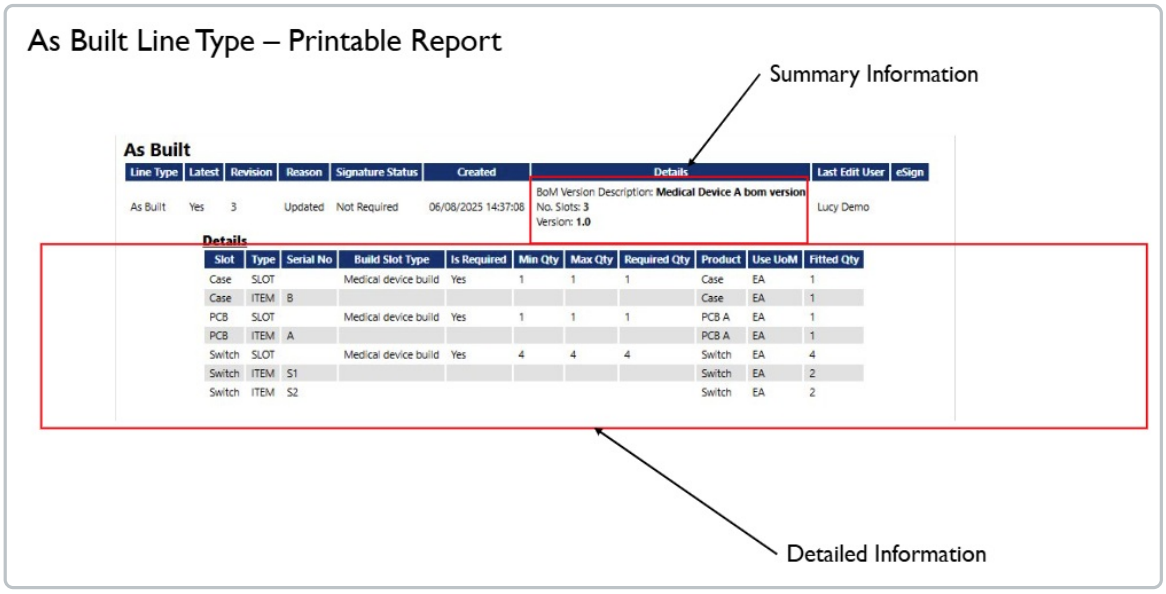
Bom Slot	Child Product	Child Item Serial Number	Transaction Type	Quantity	Timestamp	User	Reason	Linked Transaction Type	Operation Number	Operation Name	Parent Item Serial No	Product Description
First Slot	Dnyaneshwar Backflush	DS_Backflush_B1	Use	4 KG	08/26/2026 11:19:34 TT	Ajinkya Yaul	System		10	Build	ASB01-01	Dnyaneshwar Backflush Description

As Built Line Type Reports

Website Report



Printable Report



As Built

Line Type	Latest	Revision	Reason	Signature Status	Created	Details	Last Edit User	eSign
As Built	Yes	3	Updated	Not Required	06/08/2025 14:37:08	BoM Version Description: **Medical Device A bom version** No. Slots: **3** Version: **1.0**	Lucy Demo	

Details

Slot	Type	Serial No	Build Slot Type	Is Required	Min Qty	Max Qty	Required Qty	Product	Use UoM	Fitted Qty
Case	SLOT		Medical device build	Yes	1	1	1	Case	EA	1
Case	ITEM	B						Case	EA	1
PCB	SLOT		Medical device build	Yes	1	1	1	PCB A	EA	1
PCB	ITEM	A						PCB A	EA	1
Switch	SLOT		Medical device build	Yes	4	4	4	Switch	EA	4
Switch	ITEM	S1						Switch	EA	2
Switch	ITEM	S2						Switch	EA	2