

Logistics Master Data Design Manufacturing

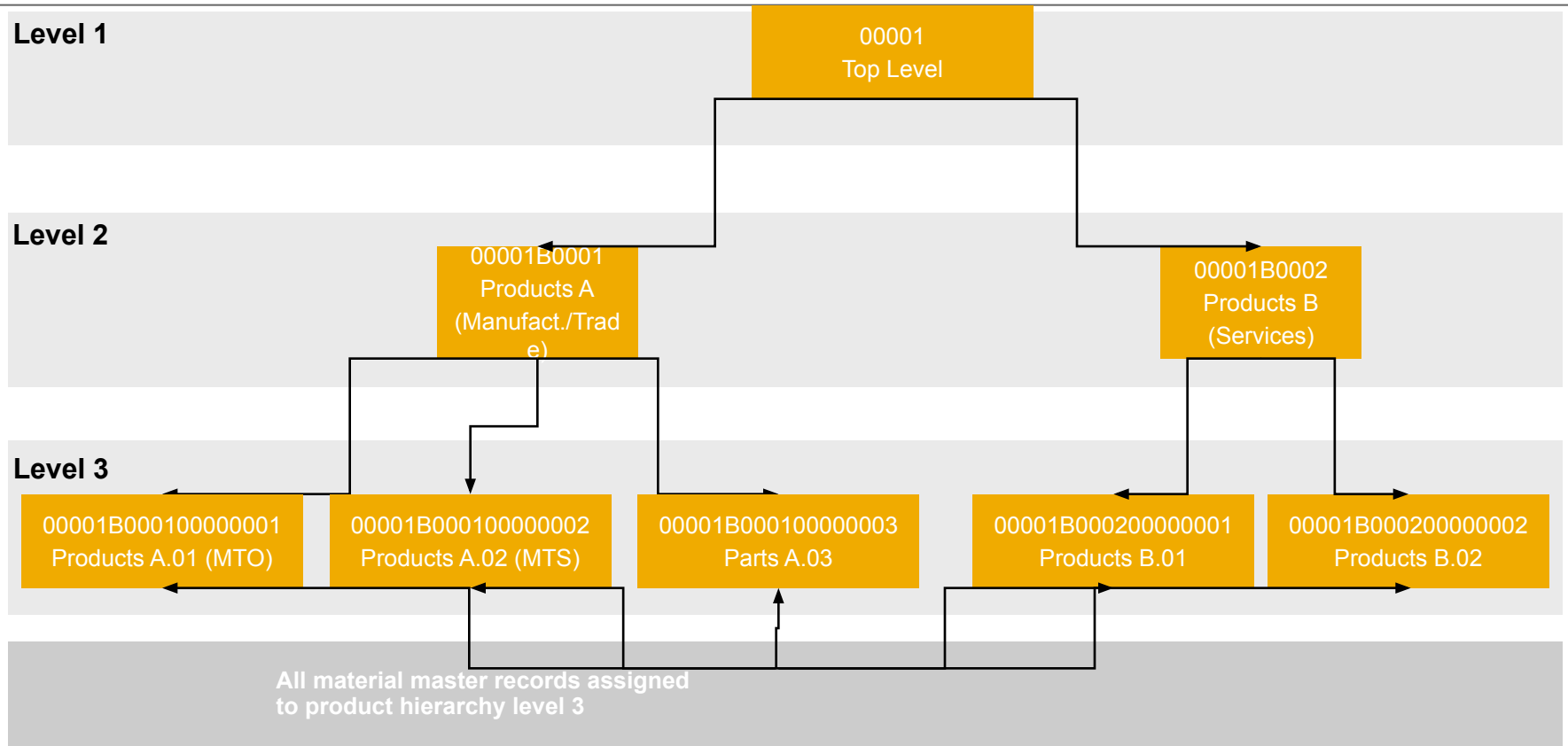
SAP Best Practices Baseline Package



Product Hierarchy

Logistics

This data
is created in
BB 104



CO-PA

SOP Interface

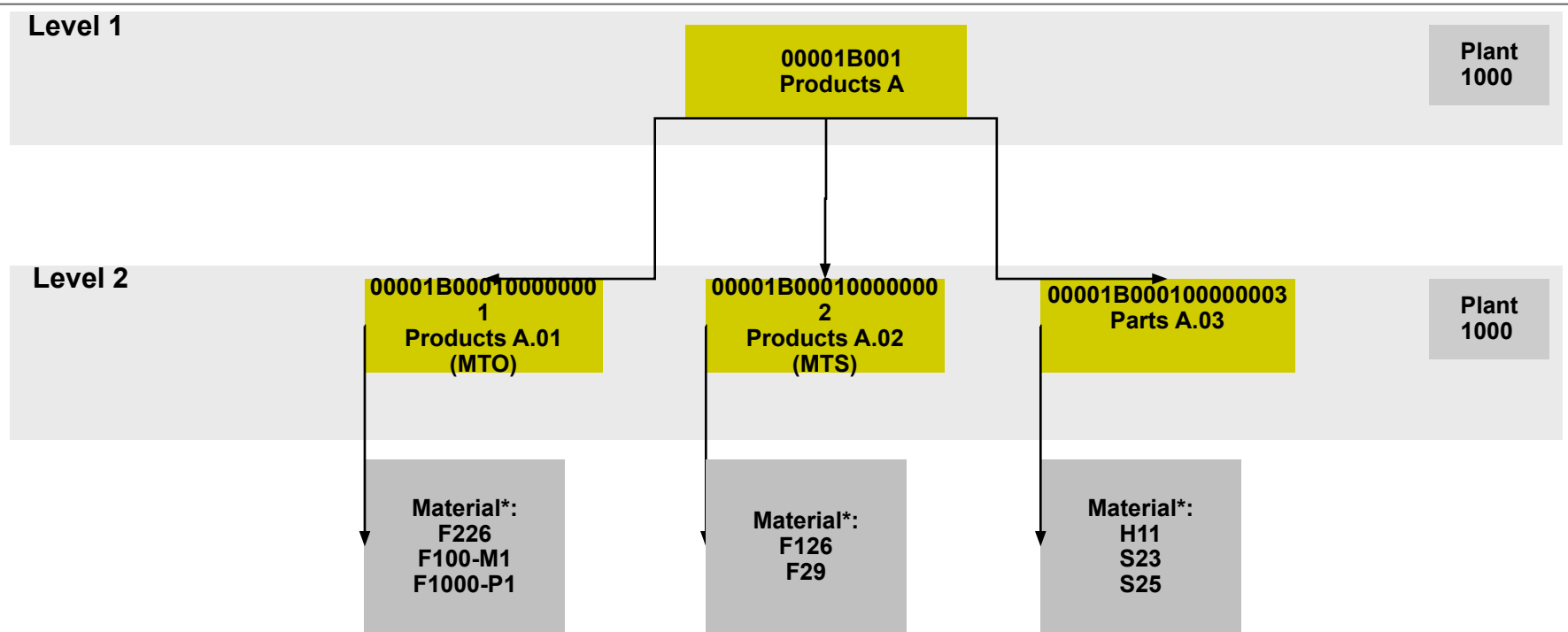
Product Hierarchy
Level 3

Product Group
Level 2

Product Group

Manufacturing / Trading

This data
is created in
BB 143



* Not all materials used are assigned to sample product groups

CO-PA

SOP Interface

Product Hierarchy
Level 3

Product Group
Level 2

Classification

Class & Characteristics for Batches

This data
is created in
BB 117

Class - 023
YB_EXP_DATE_001 Batch
Products with Expiration
Date

Char.
LOBM_VFDAT
Expiration date, shelf life

Class - 023
YB_EXP_DATE_002 Batch
Search class with expiration
date

Char.
LOBM_RLZ
Remaining Shelf Life for Batch

Char.
LOBM_LFDAT
Batch Determin. Delivery Date

Char.
LOBM_VFDAT
Expiration date, shelf life

Class - 023
YB_BATCH
Batch FIFO 1

Char.
YB_BATCH_NUMBER
Batch Number

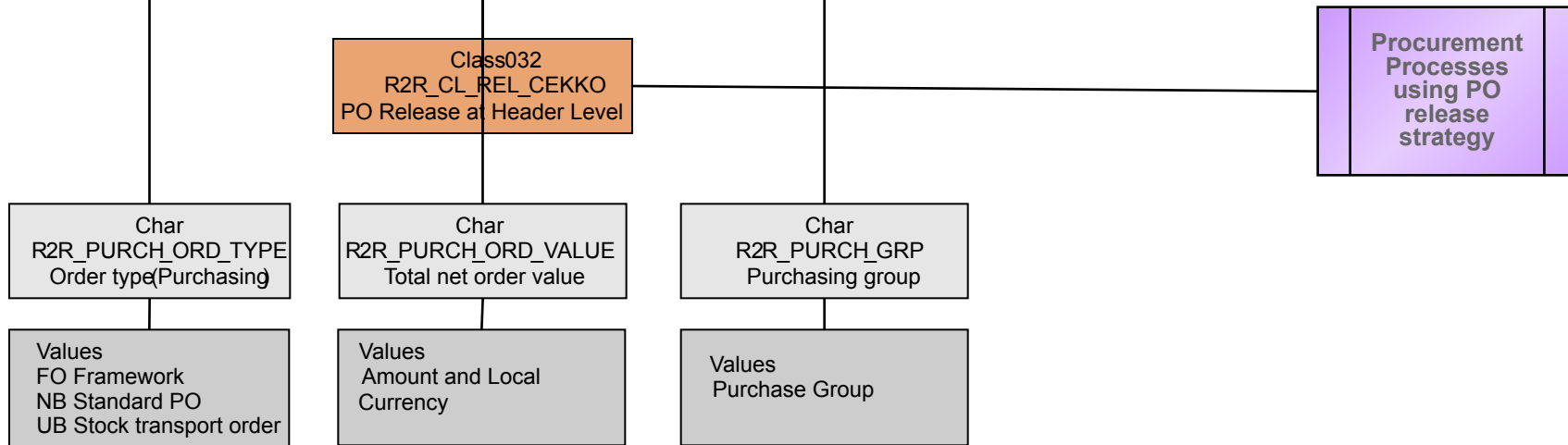
Char.
YB_SUPPLIER_BATCH_NUMBER
Vendor Batch Number

Used in all
processes
which are
using batch
materials

Classification

Class & Characteristics for PO Release

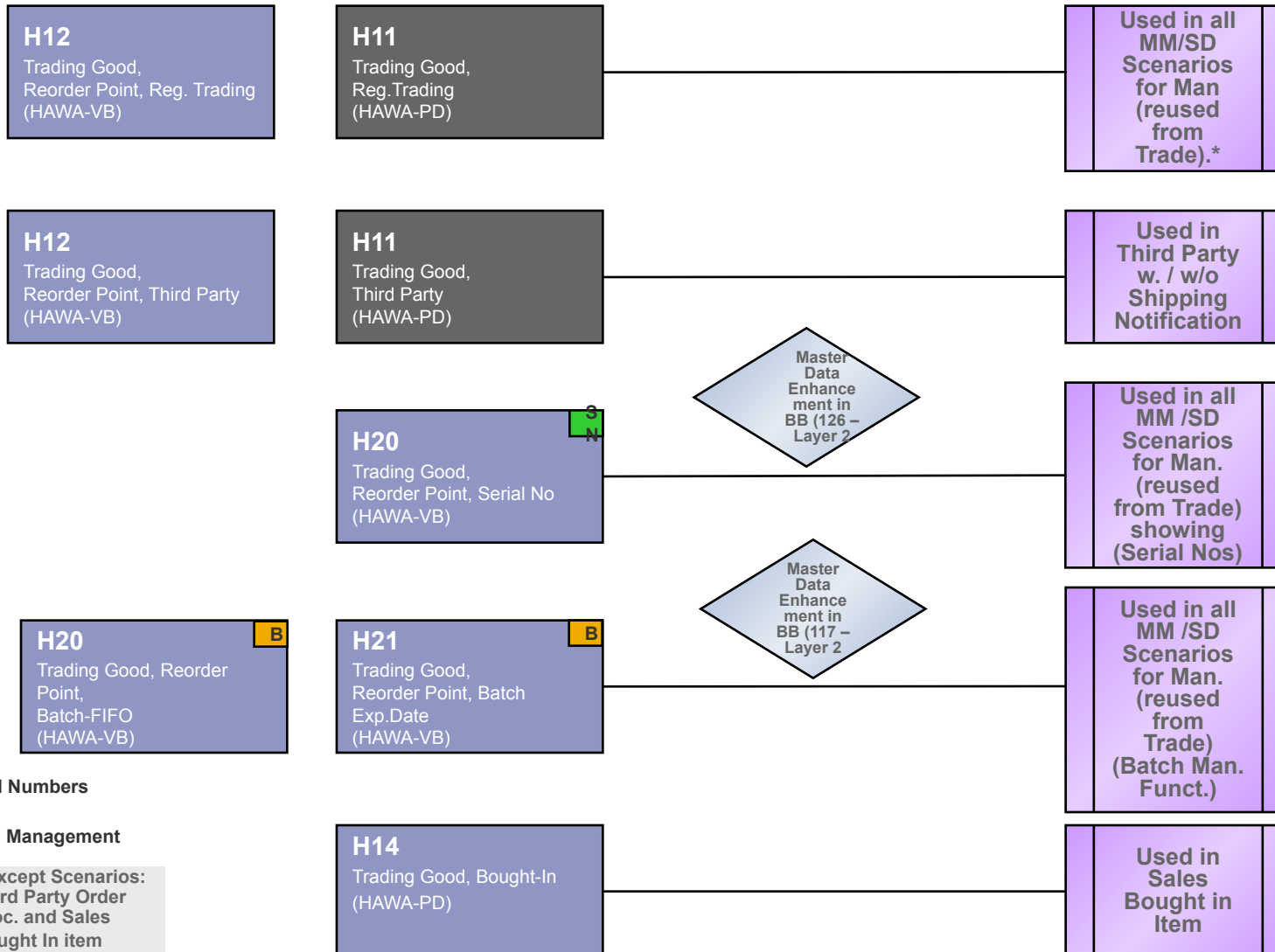
This data
is created in
BB 104



Trading Goods

Product Structure

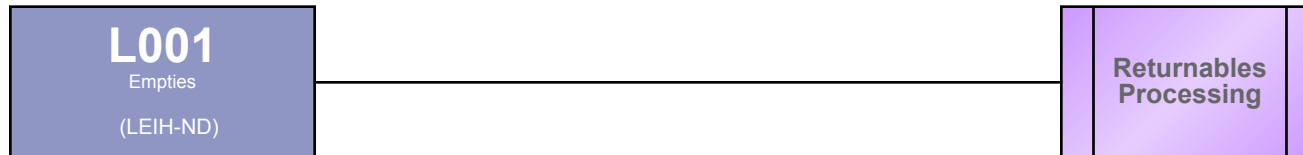
This master data is created in BB 152



Returnables

Product Structure

This master data
is created in
BB 152



MTO with Variant Configuration

Product Structure

This data is created in BB 143 & 147

F1000-M1 – Metal with Normal Shrink Wrap
 F1000-P1 – Plastic with Normal Shrink Wrap
 F1000-G1 – Golden with Normal Shrink Wrap
 F1000-G2 –Golden with Special Packaging

F100
 Finished Good MTO VC Configurable (KMAT-PD)

MTO with Variant Configuration

K-Item Category Class-Component 1
 Class-Component 2

S25
 Semifinished Good, Repetitive Manuf. (HALB-20-PD)

R20
 Raw Material (ROH-PD)

R28
 Raw Material, Packaging Foil (FOH-PD)

R27
 Raw Material, Packaging Box (ROH-PD)

S21
 Semifinished Good, Repetitive Manuf. Initial (HALB-20 PD)
 □ (HALB-PD)

Class: YB_CL_TYPE_COMP_1 (S2201, S2202, S2203)
 Class: YB_CL_TYPE_COMP_2 (S2301, S2302, S2303)

VC Dependencies: YB_PACKAGING_1 = NORMAL

VC Dependencies: YB_PACKAGING_2 = SPECIAL

Master Data Enhancement in BB 149 Layer 2

Repetitive Manufacturing

S2201
 Semifinished Good Phantom Ass.,Plastic (HALB-50-PD)

S2301 
 Semifinished Good Phantom Ass.,Plastic (HALB-50-PD)

R1601
 RAW Mat., Plastic (ROH-PD)

R1701
 RAW Mat., Plastic (ROH-PD)

R1801
 RAW Mat., Plastic (ROH-PD)

R1301
 RAW Mat., Plastic (ROH-PD)

R1401
 RAW Mat., Plastic (ROH-PD)

S2202
 Semifinished Good Phantom Ass.,Metal

S2302 
 Semifinished Good Phantom Ass.,Metal (HALB-50-PD)

R1602
 RAW Mat., Metal (ROH-PD)

R1702
 RAW Mat., Metal (ROH-PD)

R1802
 RAW Mat., Metal (ROH-PD)


R1302
 RAW Mat., Plastic (ROH-PD)

R1402
 RAW Mat., Plastic (ROH-PD)

Master Data Enhancement in BB 138 Layer 2

MM Sub-contracting

S2203
 Semifinished Good Phantom Ass.,Golden (HALB-50-PD)

S2303 
 Semifinished Good Phantom Ass.,Golden (HALB-50-PD)



R1603
 RAW Mat., Golden (ROH-PD)

R1703
 RAW Mat., Golden (ROH-PD)

R1803
 RAW Mat., Golden (ROH-PD)

R1303
 RAW Mat., Golden (ROH-PD)

R1403
 RAW Mat., Golden (ROH-PD)

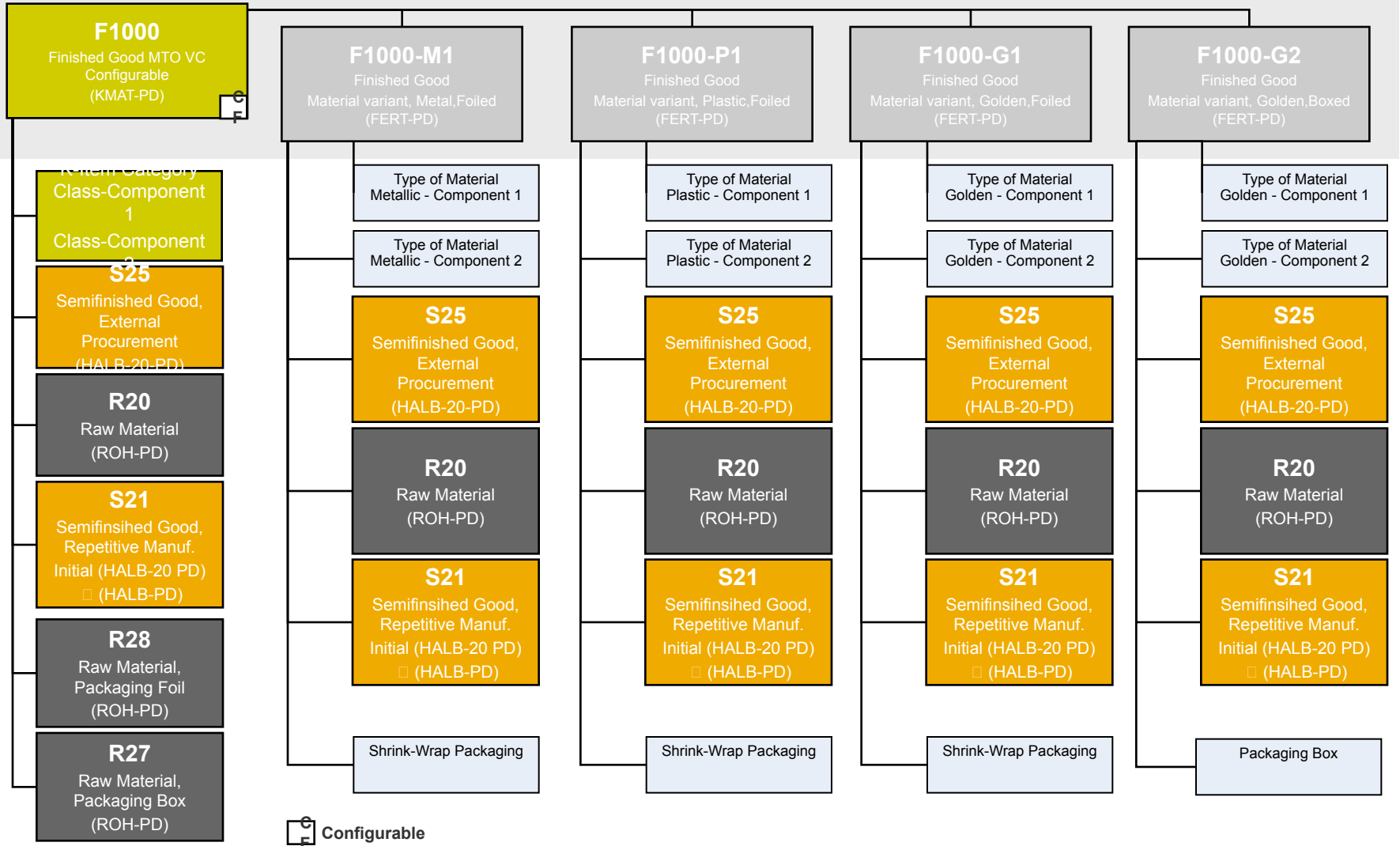
 Configurable
 Subcontracting

MTO Production – Variant Configuration

BOM Allocation

This data is created in BB 147

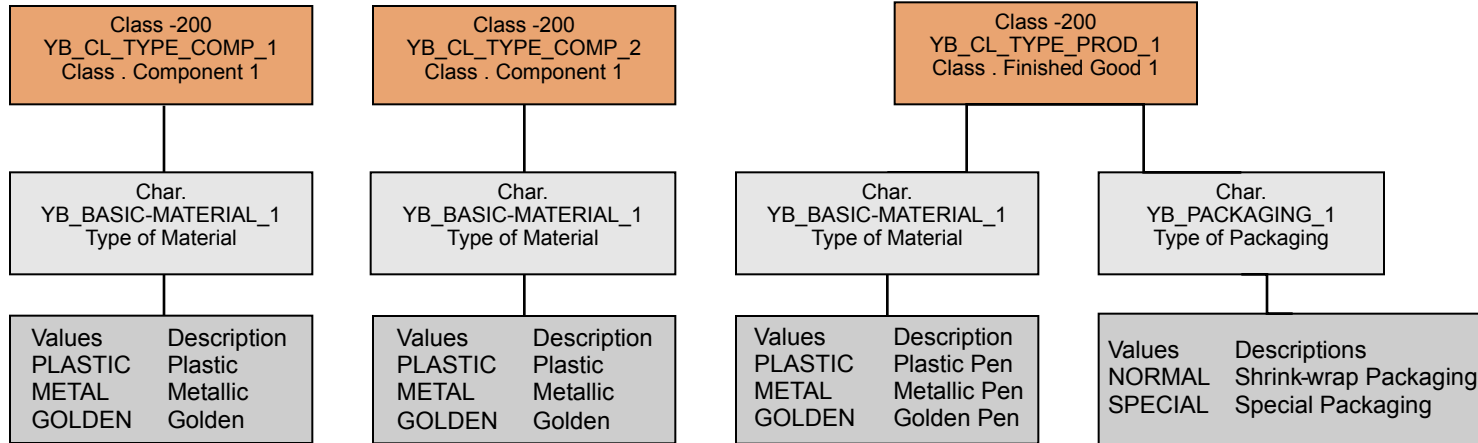
Variant Links to maximum material BOM



Classification

Class & Characteristics for Variant Configuration

This data
is created in
BB 147

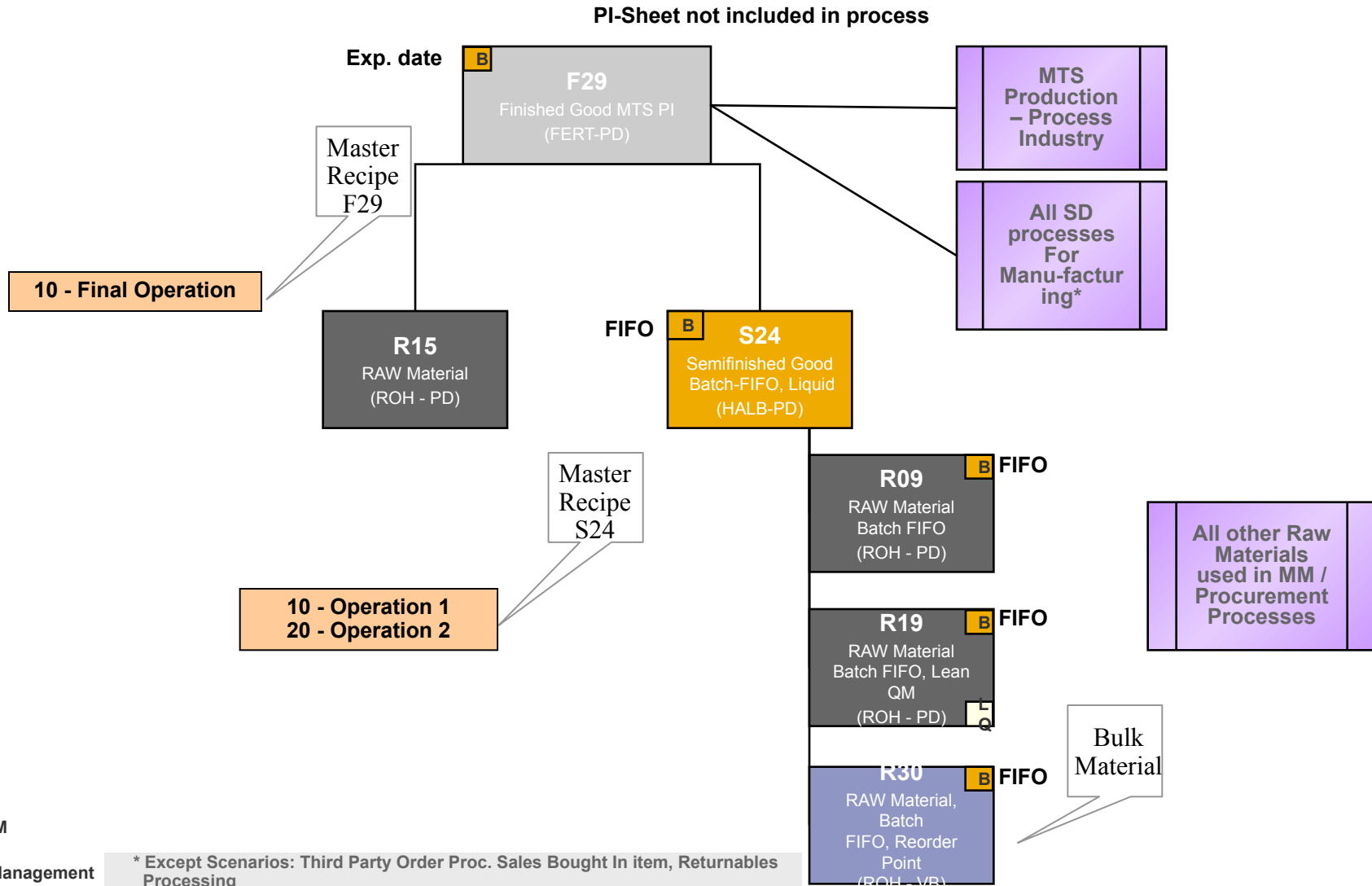


MTO
Production
with Variant
Configuration

MTS Production - Process Industry

Product Structure

This master data is created in BB 143



Lean QM

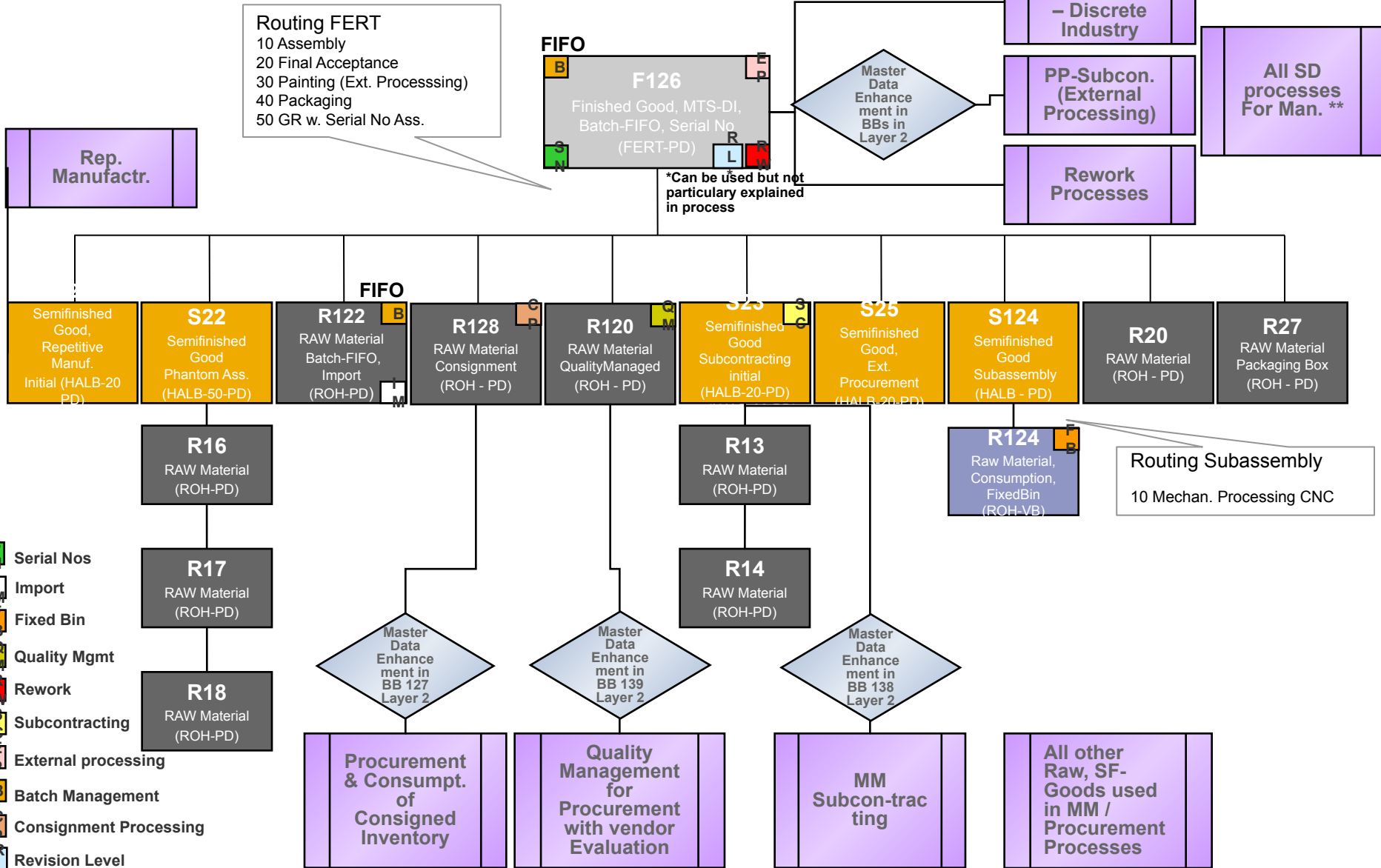
B Batch Management

* Except Scenarios: Third Party Order Proc. Sales Bought In item, Returnables Processing

MTS Production - Discrete Industry

Product Structure

This master data is created in BB 143



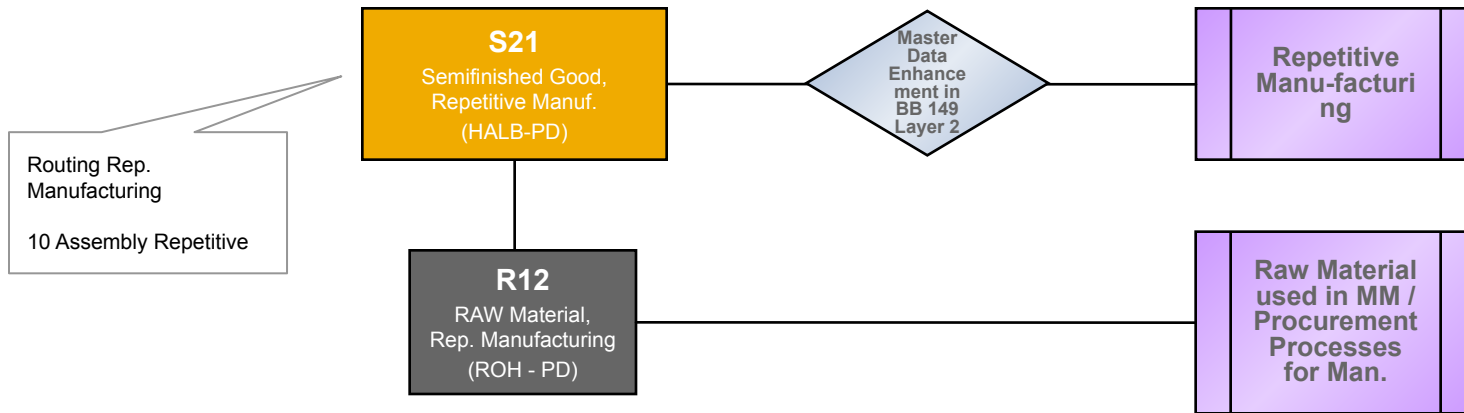
- Serial Nos
- Import
- Fixed Bin
- Quality Mgmt
- Rework
- Subcontracting
- External processing
- Batch Management
- Consignment Processing
- Revision Level

* Except Scenarios: Third Party Order Proc. and Sales Bought In item

Repetitive Manufacturing

Product Structure

This master data
is created in
BB 143

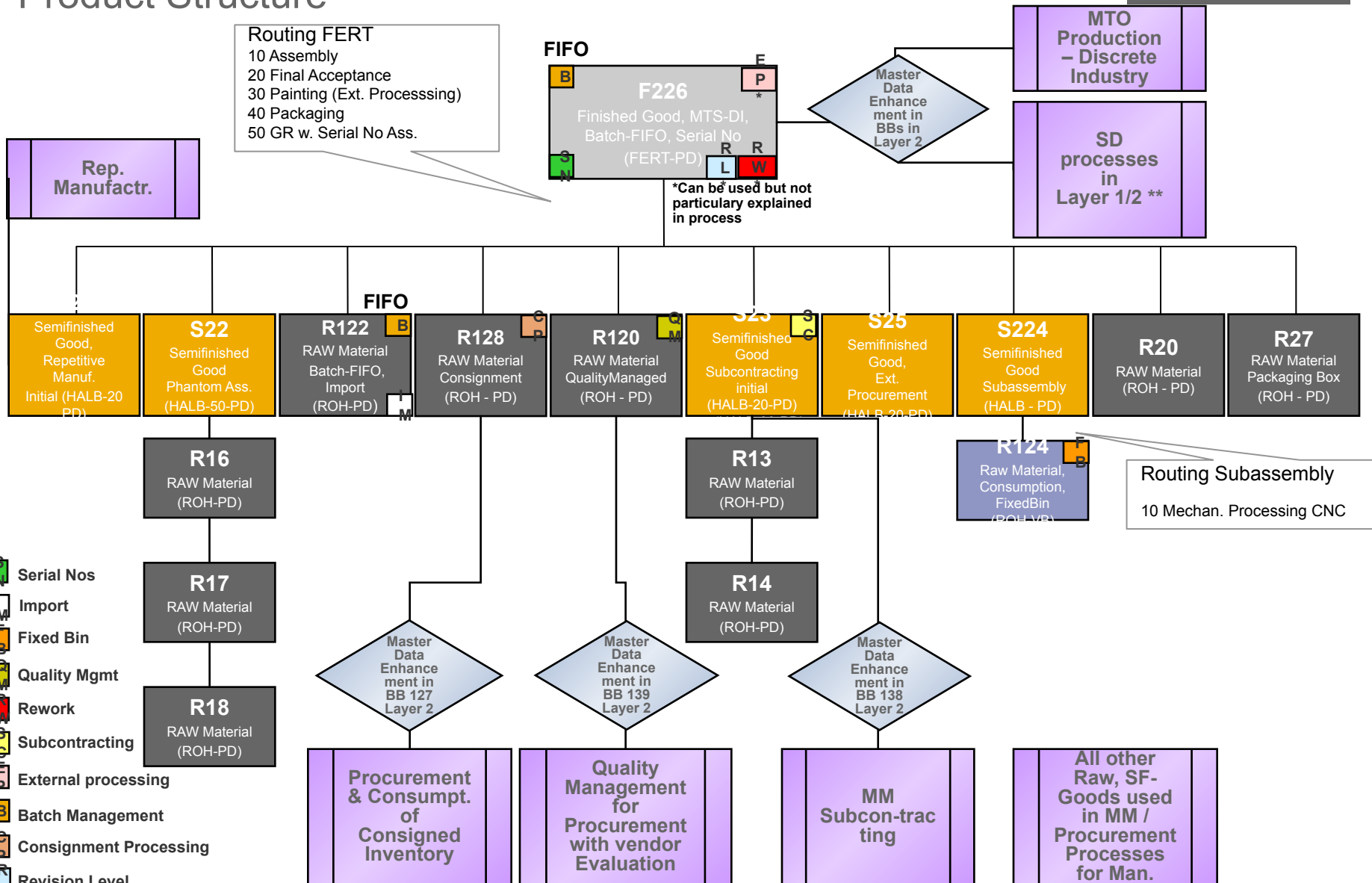


MTO Production – without Variant Config.

Product Structure

This master data is created in BB 143

Routing FERT
 10 Assembly
 20 Final Acceptance
 30 Painting (Ext. Processing)
 40 Packaging
 50 GR w. Serial No Ass.



*Can be used but not particularly explained in process

Routing Subassembly
 10 Mechan. Processing CNC

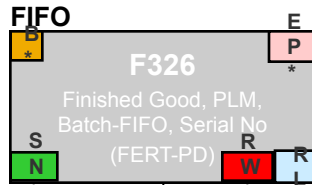
- Serial Nos
- Import
- Fixed Bin
- Quality Mgmt
- Rework
- Subcontracting
- External processing
- Batch Management
- Consignment Processing
- Revision Level

* Except Scenarios: Third Party Order Proc. and Sales Bought In item; Sell from Stock, Returnables Processing

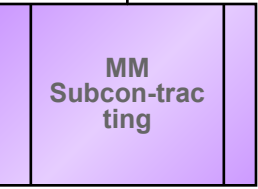
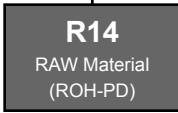
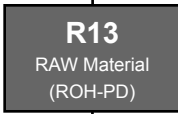
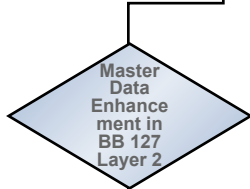
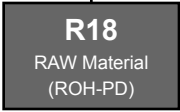
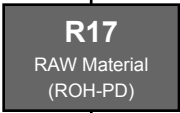
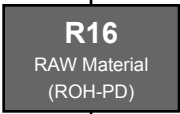
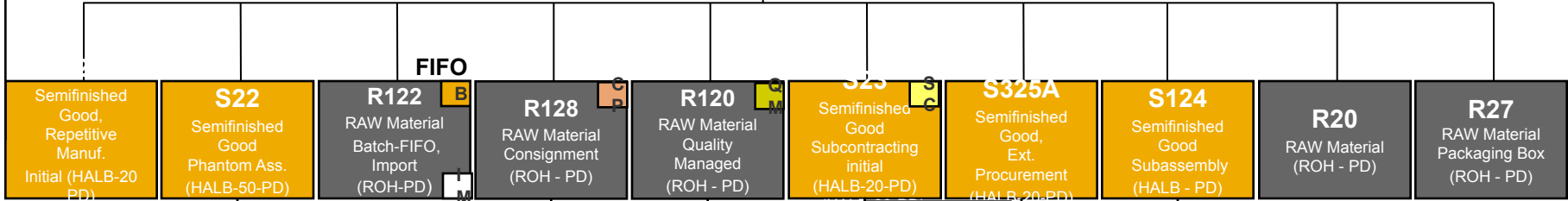
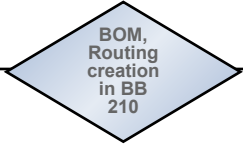
MTS Production – Internal Product Dev. Product Structure

This master data is created in BB 143

Routing FERT
 10 Assembly
 20 Final Acceptance
 30 Painting (Ext. Processing)
 40 Packaging
 50 GR w. Serial No Ass.



*Can be used but not particularly explained in process



Routing Subassembly
 10 Mechan. Processing CNC

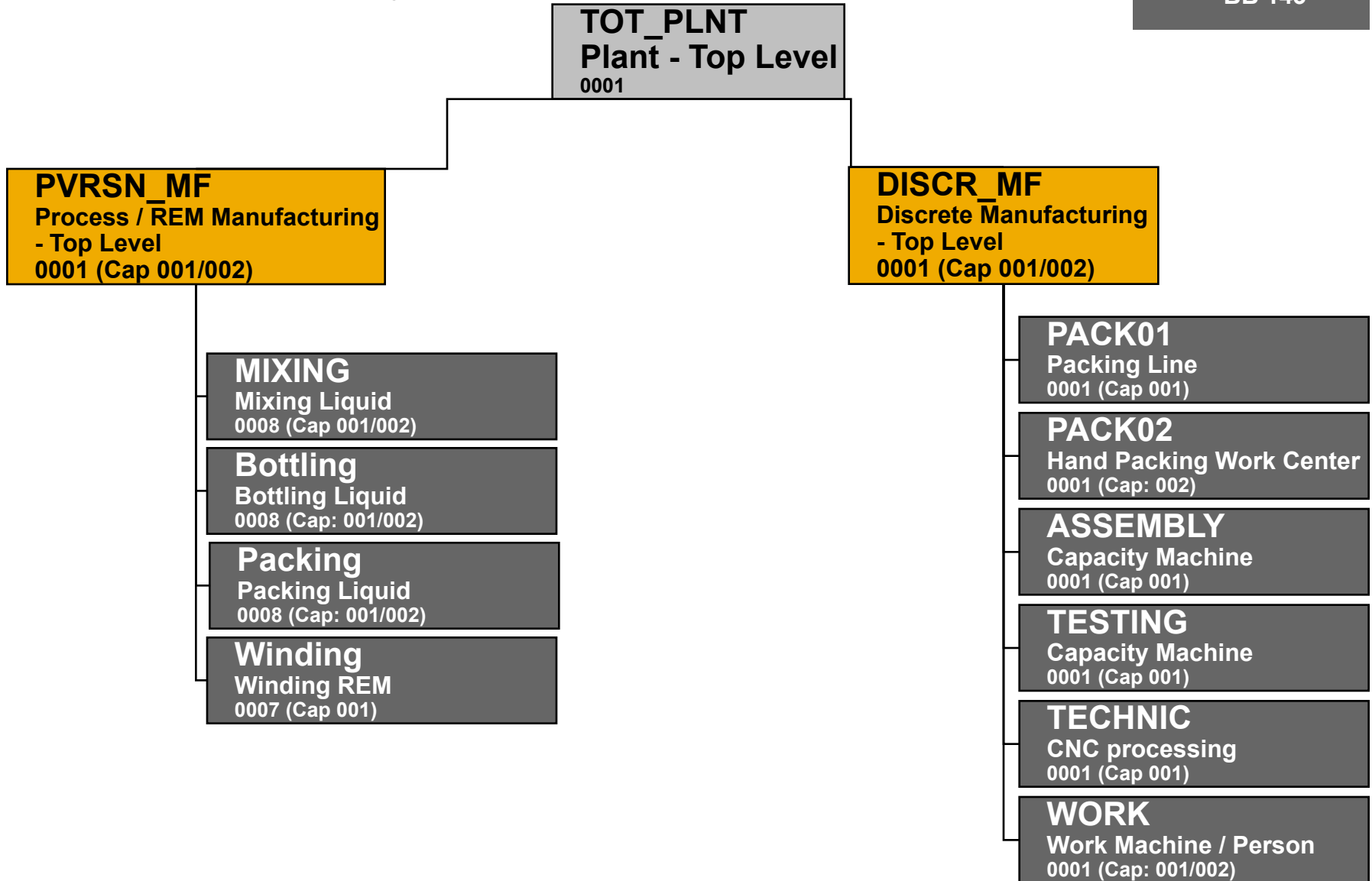
Replacement in ECM subprocess

- Serial Nos
- Import
- Fixed Bin
- Quality Mgmt
- Rework
- Subcontracting
- External processing
- Batch Management
- Consignment Processing
- Revision Level

SAP Best Practices

Work center Hierarchy

This master data
is created in
BB 143



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