Phase-out / Phase-in Management

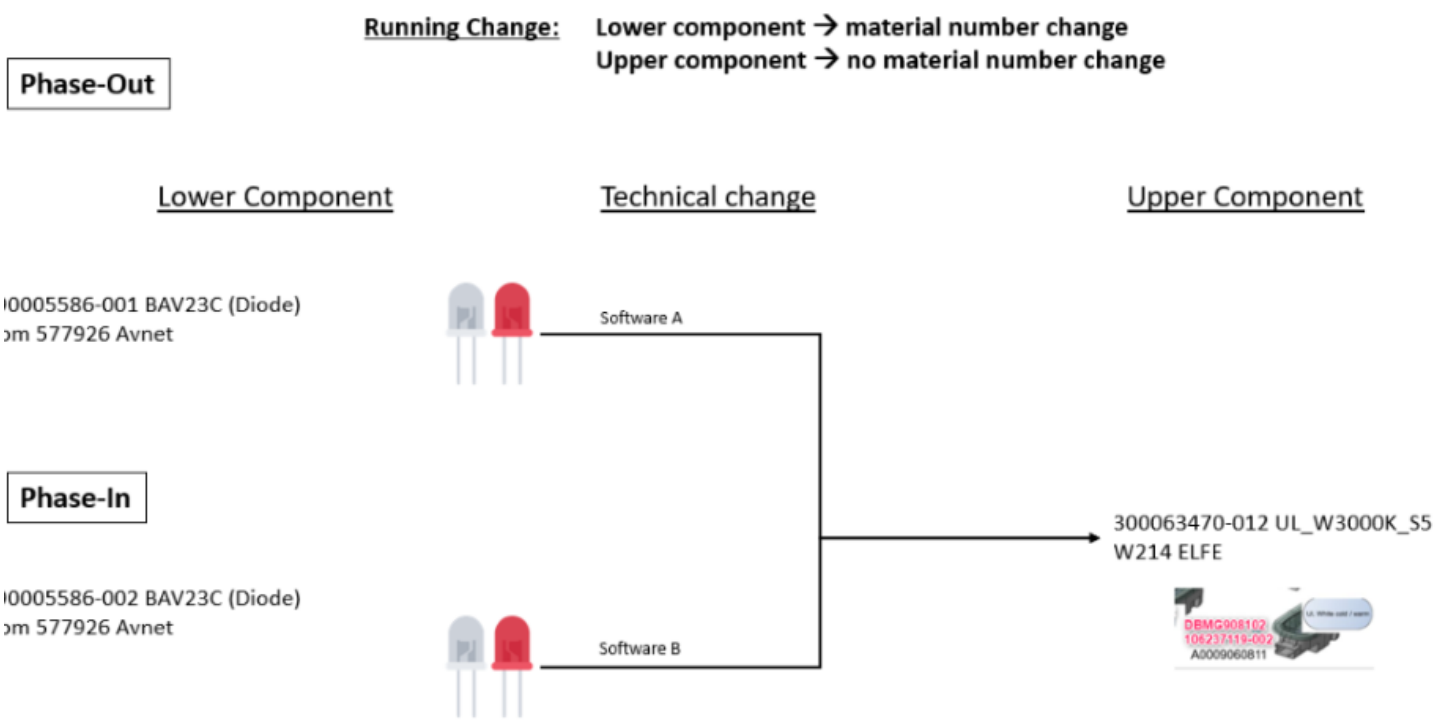
ALERT: NOT in USE yet

In the following the SAP settings for Phase-out/ Phase-in of materials being explained. Core characteristics are the phase out of one material while another material phase in. To avoid exceeding stock on run-out material Phase-out/ Phase-in Management setting for SAP can be used.

- Single discontinued part (GER Einfachausläufer): 1:1 relation between run-out to run-in material
- Parallel discontinued part (GER Parallelausläufer): One leading run-out or run-in material triggers the Phase-out/ Phase-in of several other materials

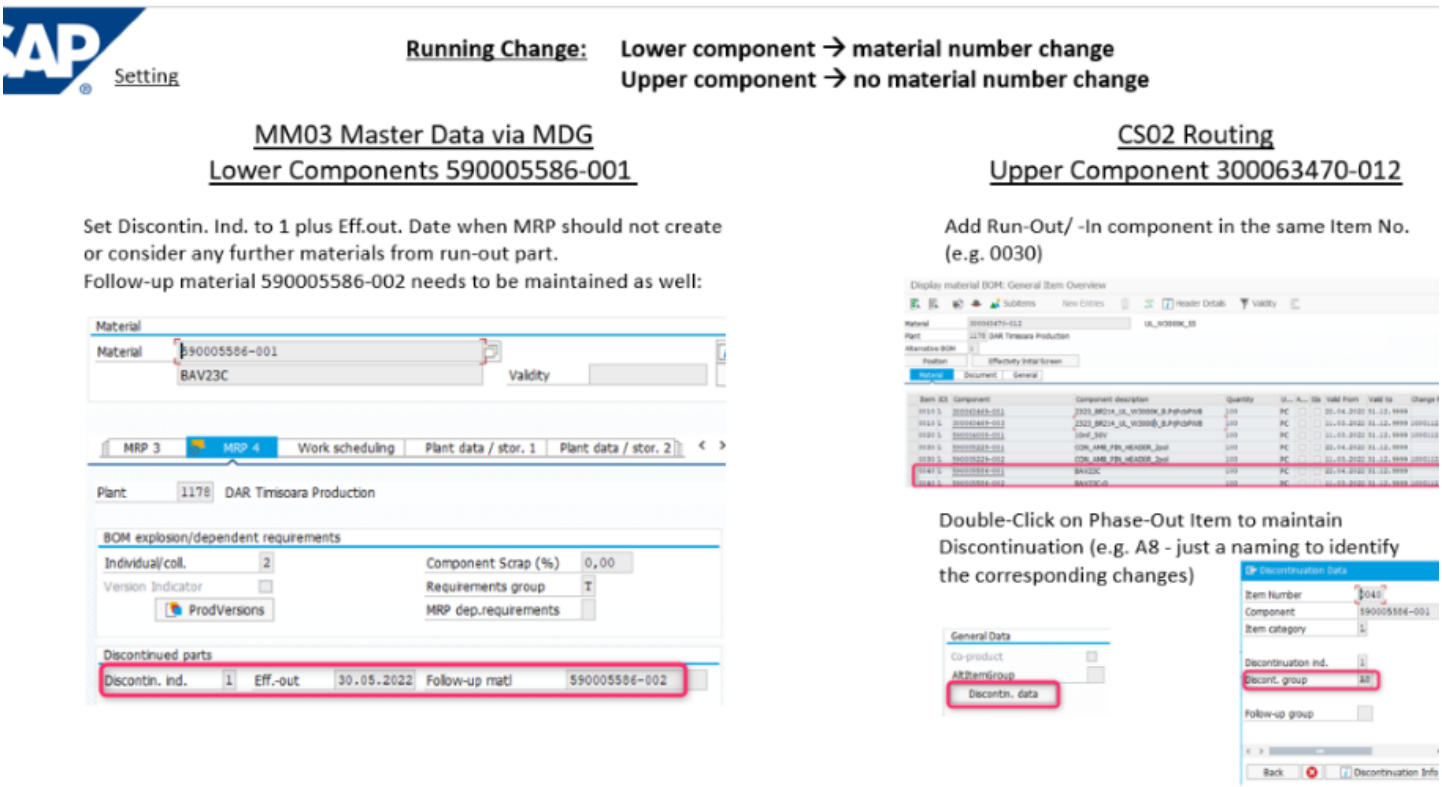
<u>Prerequisites:</u>

- The material to be discontinued and the following-up one must be MRP relevant
- The base unit of measurement of the following-up material must be the same as the discontinued material
- The materials must be stock items (GER L=Lagerpositionen)



The relevant Run-Out/ Run-In category needs to be evaluated. Since material 590005586-001 being substituted by material 590005586-002 the category „Single discontinued material“ applies.

SAP Setting:

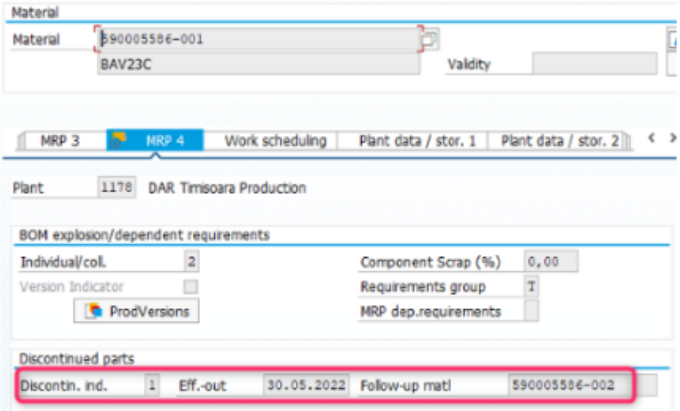


Setting

Running Change: **Lower component → material number change**
Upper component → no material number change

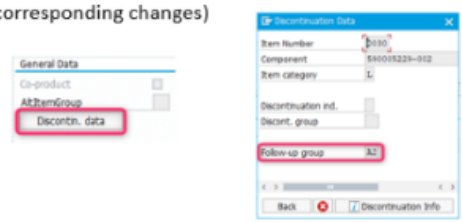
MM03 Master Data via MDG
Lower Components 590005586-001

Set Discontin. Ind. to 1 plus Eff.out. Date when MRP should not create or consider any further materials from run-out part.
Follow-up material 590005586-002 needs to be maintained as well:

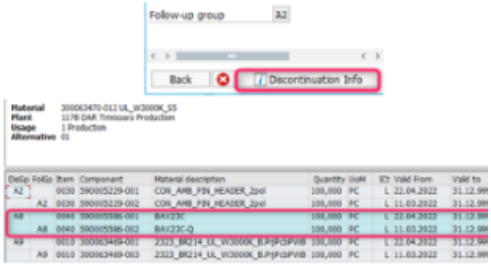


CS02 Routing
Upper Component 300063470-012

Double-Click on the Phase-In Item to maintain Follow-up group (e.g. A2 - just a naming to identify the corresponding changes)



By clicking button „Discontinuation Info" the change A8 being displayed for checks:



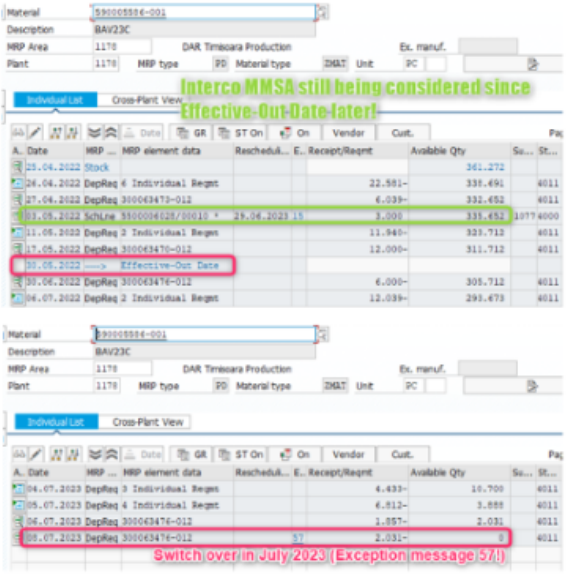
MRP result looks like:

Setting

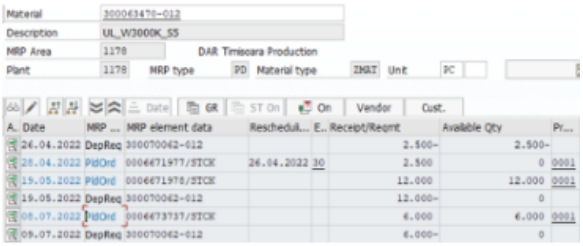
Running Change: **Lower component → material number change**
Upper component → no material number change

MRP MD04
Lower Components

'hase-Out: 590005586-001



CS02 Routing
Upper Component 300063470-012

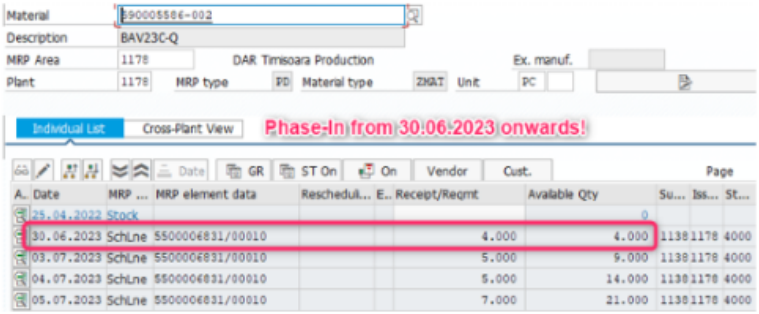


Setting

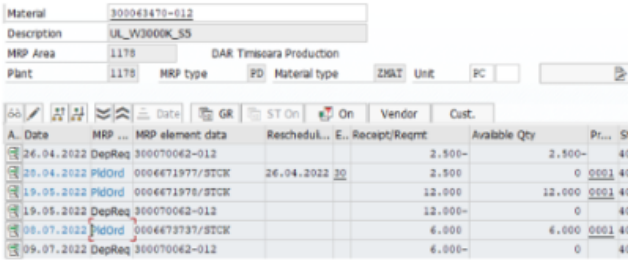
Running Change: **Lower component → material number change**
Upper component → no material number change

MRP MD04
Lower Components

Phase-In: 590005586-002



CS02 Routing
Upper Component 300063470-012

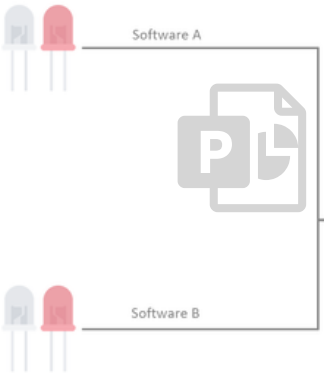


Running Change: Lower component → material number change
Upper component → no material number change

Phase-Out

Lower Component | Technical change | Upper Component

590005586-001 BAV23C (Diode)
from 577926 Avnet



Phase-In

590005586-002 BAV23C (Diode)
from 577926 Avnet

300063470-012 UL_W3000K_S5
W214 ELFE

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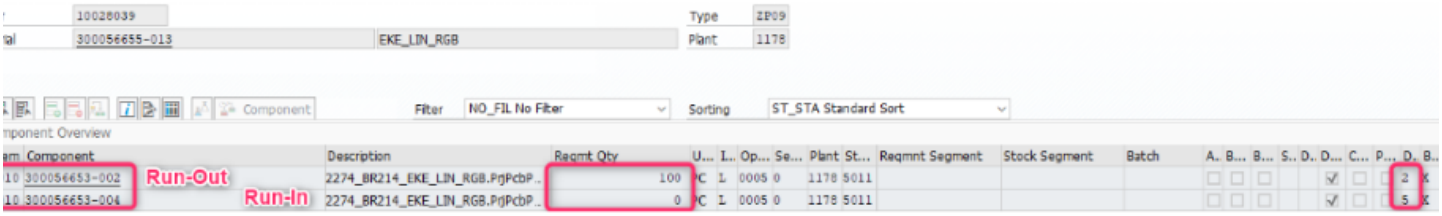
Phase-Out Help

Impact on Production Planning

The normal SAP Standard will create 2 items while creating FAUF out of PLAUF:



The indicator 2 (Run-Out) and 5 (Run-In) can be seen in the column „Discontinuation Type“. After releasing this Test FAUF 10028039 to MES we confirmed with MES experts that the iDoc will fail since MES cannot accept two parallel material numbers per item. **Update 02.05.2023: Maybe with the implementation of Alternatives components with 0 demand might be possible!**

Alternatively following manual adjustments needs to be done before FAUF being released. **Please delete the item which shows 0 Pcs. requirement and delete it**. Each Item should have only one valid material number:

rder 10028123

aterial 300056655-013 EKE_LIN_RGB

Component Filter NO_FIL No Filter

Component Overview

Item	Component	Description	Reqmt Qty	U...	I...	Op...	Se...	Plant	St.
0010	300056653-002	74_BR214_EKE_LIN_RGB.PrjPcbP...	19.006	PC	L	0010	0	1178	501
0090	108465572-001	HILFSSTOFF - Lötpaste - S3X58-M500..	0,951	KG	L	0020	0	1178	501

Then MES receives a ok Idoc and production can be executed:

Order Typ	Orderlogik	Serie	PPS Ident	Artikel	Artikelbeschreibung	Status	Überprod...	Aktiv
ZP12	MTS	P010028123	10028123	300056655-013	EKE_LIN_RGB	RELEASED	☐	☑

Priorisierung Ändern Verpackungsinfo Auftragsabschluss Mengenreduzierung Umbau Workflow Pseudo-Auftrag erstellen Überproduktion beenden Nachdruck

zelteile Arbeitsplan Artikel Verpackungsinformationen Zusatzinformationen Prozess Daten Analyse Technologie basierte Daten

ikel [Serie: 20220501 P010028123 300056655-013]

	Lfd. Nr.	Arbeit...	Arbeitspl...	Menge ...	Menge/St...	Menge ...	Artikelnummer	Host FPNr	Materialbeschreibung	Bulk Mat
1	1	10	3055501	19006	1		300056653-002		2274_BR214_EKE_LIN_RGB.PrjPcbPWB	☐
2	3	20	3056001	0,951	0.00005		108465572-001		HILFSSTOFF - Lötpaste - S3X58-M500 (Gebindegröße 0,5kg)	☐
3	4	40	3046801	19006	1		590001129-001		220pF_50V	☐
4	5	40	3046801	19006	1		590005636-001		S-SOD4004-SH	☐
5	6	40	3046801	19006	1		300069989-001		Flashing MC Slave W214 Amb	☐
6	7	80	3056002	0,951	0.00005		108465572-001		HILFSSTOFF - Lötpaste - S3X58-M500 (Gebindegröße 0,5kg)	☐
7	9	100	3046902	19006	1		590005680-001		1uF_50V_ST5	☐
8	10	100	3046902	19006	1		590005680-001		1uF_50V_ST5	☐
9	11	100	3046902	19006	1		590005232-002		CON_AMB_PIN_HEADER_4pol	☐
10	12	100	3046902	19006	1		590005362-001		LRTBGVSR-V1V2-MW+BABB-DR+S2T	☐

Note: When the FAUF has a higher qty. (e.g. rounding value e.g. 60.000 PC) it could be that the FAUF shows before deletion following result:

- Item 0010: Run-Out 300056653-002: 20.000 PC
- Item 0010: Run-In 300063469-003: 40.000 PC

In such a case the FAUF has to be reduced to 20.000 PC before you delete the Run-In Item line!

Contact

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SO

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Employee Warehouse Logistics

LINKS

Knowledge Transfer Home Page