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Discontinuation Control Monitor



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1 Discontinuation Control Monitor

The *Discontinuation Control Monitor* (DCC monitor) is an add-on for SAP ERP, which enhances the features of the standard SAP system with regard to the discontinuation control of materials and assemblies with numerous additional functions.

To shape the discontinuation process optimally, the user receives a central and transparent overview of all materials, assemblies, and their components to be discontinued. Furthermore, the user is offered various control options for keeping the expiration date variable and thereby able to react quickly to current events. For example, the user can simulate the stock/requirements list with a specific expiration date to be able to assess the situation on the desired expiration date correctly in advance.

The *DCC Monitor* can be used to determine the optimum expiration time centrally for each material to be discontinued. The use of this tool can avoid expensive remaining stock and unnecessary scrapping.

2 Background Information

In the MRP data of the material master, the standard SAP system provides three fields for controlling the discontinuation control for a material on a plant-specific basis.

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🥺 _ C	hange M	aterial DC	C_DEMO	D_HALB	_01 (Sem	i-finished	product)	
📫 🔿 Additio	nal Data 🛛 🖁	Org. Levels 🧯	Check Scre	en Data	6			
MRP 3	👌 MRP 4	SCM CS 1 S	CM CS 2	Accounting 1	Accounting	2 Plant stock	Stor. loc. s	$\leftrightarrow \mathbb{D}_{2}$
Material	DCC_DEM	O_HALB_01	Gehäuse f	ür Endprodul	t Pumpe		i	
Plant	0001		Werk 000	1				
Stor. Loc.	0001		Lagerort 0	001			Ser 🗋	
BOM explosi Selection me Individual/co	dl.	requirements	ProdVersio	Rec	nponent scrap (uirements group dep.requireme	•		
Discontinued	parts							
Discontin. in	d. 1	Effout	07.04.	2014 Fol	w-up matl	DCC_	DEMO_HALB_02	
Repetitive m	anufacturing /	assembly / deplo	yment strate	egy				
Repetitive	e mfg	REN	1 profile			Action control		
Fair share ru	ıle	Pus	h distribution			Deployment hor	izon	
Av	erage plant st	ock		Material men	10	Material merr	io exists	

Setting Options in the Standard SAP Material Master

If all three settings have been made correctly, all dependent requirements that have been scheduled after the expiration date are forwarded to the follow-up material with the next material requirements planning run. If stock is still available in the warehouse on the defined date, this will initially be reduced to the safety stock and only then diverted. Additional requirements such as independent requirements and demand forecasts, or manually created reservations are not diverted. The setting of this discontinuation indicator always refers to an entire plant.

The *DCC Monitor* uses this mechanism for its internal calculations and simultaneously enhances its scope by combining different functionalities. For more information, see the section **Reassignment of Planned Independent Requirements**.

Related Information

Reassignment of Planned Independent Requirements [page 20]

3 Selection Screen

To start the DCC monitor, the transaction /saplom/dcc must be called. After starting the program, the selection screen is called initially, which contains two functionalities.

> 🔁 Import			
rameters			
Plant	1000	to	(
Material		to	
Individual material group		to	
MRP Controller		to	
Material type		to	
Purchasing group		to	
Plant-sp.matl status		to	
Procurement type		to	
Material group		to	
Effective-out date		to	
Change number		to	

Selection Screen

3.1 Result Restriction

On the one hand, the result set of the discontinued parts to be displayed can be restricted specifically from the DCC Monitor and can then be displayed using the Execute button (F8) available as standard. The appearance of the result screen in this case is described in more detail in the section **Basic Structure**.

Related Information

Basic Structure [page 8]

3.2 Import Functionality

This selection screen also provides an import functionality, which can be used to add certain materials or assemblies to the DCC Monitor and therefore define them as discontinued parts. When using this import function, the selection criteria serve as a restriction for the quantity of materials to be imported. After choosing the Import pushbutton in the upper toolbar, the following selection screen is shown.

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Discontinuation Control Monitor

₽	Plant Material	Material Description	МТур	ProcType	Size/dim.	Тур	MS	PGr	MRPC	Efo.date	Fol-UpMat
	0001 PETER_100		FERT	Х		88			001		
	0005 PETER_100		FERT	E		88			000		
	3000 MD100-103-1	Board (purchased – Lot tracked)	HALB	F		ND			002		
	1000 RX_5045	Bottom counterbalance	FERT	Х		ND					
	CPB1 CPB11300	Foreign 20 L returnable	HAWA					003			
	3000 MARKETINGCONV	Marketing Giveaways - Watches	HAWA	F							
	ZPL1 2307	oh 1	ROH	F		PD		0	001		
	3200 M332	Palm Connect USB Kit	HAWA	F		PD		001	001		
	1000 NAV-001012	PCB Mainboard	HALB								
	3000 NAV-001012	PCB Mainboard	HALB	F		PD		001	001		
	3200 N-1100-2	Pole FRP 10 m	HALB	F		PD		010	101		
	3200 N-1100-3	Pole FRP 15 m	HALB	F		PD		010	101		
	3200 N-1100-1	Pole FRP 5 m	HALB	F		PD		010	101		
	3000 AD-333-300	Purchased Material - Date from Eff	ROH	F		PD		003	101		
	1000 ZD5823272	RAT Schiefer Bogen 25x25 li. 150	ROH	F		VB		053	114		
	1000 RX_5000	SIX-AXIS INDUSTRIAL ROBOT	FERT								
	3400 TM500	TM-300 Material	HAWA	F		X0		003	001		
	3400 TM-400	TM-400 Material	HAWA	F		X0		003	001		
	3400 TM-500	TM-500 Material	HAWA	F		X0		003	001		
	3100 TM-600	TM-600 Import Material	HAWA	F		X0		003	001		
	3150 TM-600	TM-600 Import Material	HAWA	F		X0		003	001		
	1200 T-VPC00-1	variant 1 to T-VPC00	FERT	Х		PD			101		
	1200 T-VPC99-1	variant PC99-1	FERT	Х		PD			101		
	1000 SE2286	"DMV 4 1/2"""	ROH	F		PD	Α	106	106		
	1000 SE3036	"ENTL.VENTIL R 3/8"""	ROH	F		PD	Α	221	221		
	3000 ETO-0001	"The Amazing" Flying Car	КМАТ	E		ND					
	3200 ISM-0006	"Why ask my name?"	HAWA	F		ND					
	R100 R100004	'Sophia I.' pizza, 3-pack	FOOD	F		R1		R10	R10		
	R101 R100004	'Sophia I.' pizza, 3-pack	FOOD	F		R1		R30	R30		
	R110 R100004	'Sophia I.' pizza, 3-pack	FOOD	F		RP		R30			
	R111 R100004	Sonhia L' nizza B-nack	FOOD	F		RD		R30			

Import Functionality

Here, all materials from the material master are displayed, which meet the previously entered selection criteria and have not yet been defined as discontinued parts in the DCC Monitor. After selecting the desired materials, they can be added to the table using the Import pushbutton. This functionality can be used, for example, to define all materials with a certain material status as discontinued parts at the same time and include them in the DCC Monitor.

i Note

A completed selection parameter **Change Number** does not influence the result screen of the materials to be imported since the unique assignment of material and change number is defined only in the DCC Monitor and not in the material master.

4 Main Screen

In this section, the functionalities of the individual tab headers are explained in detail.

4.1 Basic Structure

iscont	tinuation Contro	ol Monitor																			
Material	to be discontinued	Simulation Material to be discont	tinued in BOM	ı Y	MRP Ov	erview															
		M () V . B . Z . @		lancur	or Bill	Poruhr		1.02													_
		sor-relationships		100501	es [Nescion I															
Plant	Material	Material Description		BOM		PIR			pe Size/dimensions				C Follow-Up Mati	Effout date	e FoUp ma (req.)	Fo-up mat (free)	EffOutDat (r)	Av. FoUpM		Change no.	
1000	100-400	Electronic		•	1		HALB			PD		001									
1000 1000	100-401 100-410	Pressure cover ST50 Casing for electronic drive		0			ROH	A E		PD		001									
1000	100-410	Circuit board M-1000					ROH	6		PD		001									
1000	100-420	Lantern ring		I			ROH	F		PD		001	100-130	01.10.2017	100-130		10.09.2011				
1000	100-431	Mains adaptor 100 - 240 V					ROH	F		PD		001					.0.09.2011			TEST 5555555	
1000	100-432	Cable structure					ROH	F		PD		001									
1000	100-433	Screw M 6X60					ROH	F		PD			100-121	18.04.2016							
1000	100-480	Super heater				- H	HIBE		100 X 100 X 350		001								Ö		
1000	100-485	Soot blower					HIBE		80 X 80 X 120		001										
1000	100-490	Evaporator coil				n	HIBE		80 X 80 X 120		001								- O		
1000	100-500	Bearing case		•			HALB	E		PD	100	001									
1000	100-510	Ball bearing					HAWA	N F		PD	001	001									
1000	100-600	Support base					ROH	F		PD	100	001									
1000	100-700	Sheet metal ST37					ROH	F	3500 X 2500 X 10	MM PD	100	001						21.01.2011		ÄND_PRAUSE91	
1000	100-801	Colour Red w/o gloss					ROH	F		PD		101									
1000	100-802	Colour Red with gloss						F		88		001								TEST_6666666	
1000	100-803	Colour Yellow w/o gloss					ROH	F		PD	101	101			100-804					MHTEST3	
		4 F																		4	Þ
	(##)											BOM		Pos.	Qua Component de	scriptio	Valid from	Valid to	Change I	lo. Chg No.	Т
	_												T-MC		pump (material						
Whe	re-used list - 1	.00-700											A 100-100	0010	1.000 Casings		24.10.1997	31.12.9999			
Pht [*]	Material Material Desi	tription BOM	Usage I	BOMC	at Base	qty Un	t CnAs	Alt. da	te Valid From				A 100-200		1.000 Actuation			31.12.9999			
1000 F	P-500 Pump (Single	e-level configuration) 00000	0412 1	м	1,0	00 PC					-		Richtlagerkomponente					31.12.9999			
F	P-501 Pump (SD B	OM configuration) 00000	0413 1	м	1,0	00 PC					Ŧ		n 100-301		1.000 Shaft (with QM			31.12.9999			
				м		00 PC							品 100-301 品 100-302		1.000 Shaft (with QM 1.000 Hollow shaft	integration)		31.12.9999 31.12.9999			
	P-503 Special pump			м		00 PC							A 100-302 A 100-400		1.000 Holow shart 1.000 Electronic			31.12.9999			
				м		00 PC							品 100-400		1.000 Pressure cover S	5750		31.12.9999			
			3481 1			00 PC							100-500		1.000 Pressure cover c 1.000 Bearing case			31.12.9999			
				м		00 PC							- 100-600		1.000 Support base			31.12.9999			
				м		00 PC							💑 т-всн		0.200 Color (Batches)		24.10.1997	31.12.9999			
		ufacturing co-products) 00000 manufacturing/procurement) 00000		M M		00 PC 00 PC							100-700		1.000 Sheet metal ST			31.12.9999			
	T-F111 Pump (ext T-F111 Pump PRECI			M M		00 PC							T-PIP		0.001 Gas (Pipeline ma			31.12.9999			
	T-FY01 Pump PRECI		0666 1			00 PC							A T-OIL		1.000 Oil (OH material)			31.12.9999			
	T-FZ01 Pump PRECI			M M		00 PC							T-COP2		0.500- Sheet metal ST.	37 (co-product 1)		31.12.9999			
				M		00 PC	H	-					Textposition für Hinwe DRWP-100	0140 C 0150				31.12.9999 31.12.9999			
			2761 1			00 PC							T-DUMMY		1.000 Shaft (dummy a	scambly)		31.12.9999			
	T-MCR pullip (had T-MS07 Hollow shaft		3459 1 I			00 PC							T-ORG1		1.000 Shaft (simple dis			31.12.9999			
1		9000.				00 PC							0.0 1 0101	5170	21000 Share (simple de	(cr upconcluded)	20.03.2002				
-		valuation) 00000																			
1	T-MV Pump (Split		0454 1 1 0441 1 1			00 PC															

When a selection is made, the main screen opens with four different tab headers.

Basic Structure

Before all functionalities of the individual tab headers are presented in detail, the most important functions are described briefly in an overview:

Definition of Discontinued Parts

- Pure definition of predecessor-successor relationships, without establishing a firm expiration date in the material master
- Assignment of a change number for each predecessor-successor relationship

Simulation

- Display of a simulated stock/requirements list with any expiration date
- Synchronous setting of expiration date in the material master with the validity date of the change number

Discontinued Parts in Assembly

- Automatic determination of defined discontinued parts within an assembly
- Definition of assembly-specific interchangeable items

MRP Overview

- Overview of all materials and assemblies to be discontinued
- Display of stock on the expiration date as well as the respective stock coverage and ranges of coverage

4.2 Tab Header *Definition of Discontinued Parts*

The first tab header is divided into three areas, as shown in the figure below.

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	ontinued Simulation Material to be	discontinued in B	вом	MRP Overv	iew													
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Predecesso	or-successor-relationships																	
Plant Material	Material Description		BOM				ProcType Size/dimensions				ollow-Up Mati	Effout date	FoUp ma (req.)	Fo-up mat (free)	EffOutDat (r)	Av. FoUpM		Change no.
1000 100-400				1		HALB		PD	100									
1000 100-401						HALB	x	PD	001									
1000 100-410		e				ROH	F	PD	001									
1000 100-420						ROH	F	PD	001									
1000 100-430			1			ROH	F	PD	001		.00-130	01.10.2017	100-130		10.09.2011			
1000 100-431		V					F	PD	001									TEST_5555555
1000 100-432						ROH	F	PD	001									
1000 100-433						ROH	F	PD		001 1	.00-121	18.04.2016						
1000 100-480						HIBE	100 X 100 X 350	D	001									
1000 100-485		-				HIBE	80 X 80 X 120		001									
1000 100-490						HIBE	80 X 80 X 120		001									
1000 100-500			V			HALB	E	PD	100									
1000 100-510						HAWA		PD	001									
1000 100-600						ROH		PD	100									
1000 100-700						ROH	F 3500 X 2500 X 3		100							21.01.2011		ÄND_PRAUSE91
1000 100-801							F	PD	101									
1000 100-802							F	88	001									TEST_6666666
1000 100-803						ROH	F	PD	101	101			100-804					MHTEST3
	4 F																	4
	- 2.1									вом		Pos.	Oua Component de	escriptio	Valid from	Valid to	Change	No. Cha No
										• 💑 т	-MC		pump (materia	I components)				
Where-use	ed list - 100-700										100-100	0010	1.000 Casings		24.10.1997	31.12.9999		
Pint [®] Material	Material Description	BOM Usad	ae BOMc	at Base otv	Unit	CnAs	Alt. date Valid From				100-200		1.000 Actuation			31.12.9999		
1000 P-500	Pump (Single-level configuration)	00000412 1	м	1,000	PC						Nichtlagerkompon					31.12.9999		
P-501	Pump (SD BOM configuration)	00000413 1	м	1,000	PC				Ψ.		100-301		1.000 Shaft (with QM			31.12.9999		
P-502	Pump (Multi-level configuration)	00003477 1	м	1,000	PC		\sim				100-301		1.000 Shaft (with QM	Integration)		31.12.9999		
P-503	Special pump	00003478 1	м	1,000	PC		(2)				100-302		1.000 Hollow shaft			31.12.9999		
	Pump standard IDESNORM 100-401	00003480 1	м	1,000							100-400		1.000 Electronic 1.000 Pressure cover	CTED		31.12.9999 31.12.9999		
P-5032	Pump standard IDESNORM 100-401	00003481 1	м	1,000	PC						100-401		1.000 Pressure cover 1.000 Bearing case	5150		31.12.9999 31.12.9999		
P-5033	Pump standard IDESNORM 100-401	00003482 1	м	1,000	PC						100-500		1.000 Bearing case 1.000 Support base	-		31.12.9999		
P-0035	pump (automatic order management)	00000451 1	м	1,000	PC						T-RCH		0.200 Color (Batches)			31.12.9999		
T-A	pump (manufacturing co-products)	00000442 1	м	1,000	PC						100-700		1.000 Sheet metal ST			31.12.9999		
T-A T-COP			м	1,000					_		T-PIP		0.001 Gas (Pipeline m			31.12.9999		
T-A T-COP T-EX	Pump (ext. manufacturing/procurement)		м	1,000							T-OIL		1.000 Oil (OH materia			31.12.9999		
T-A T-COP T-EX T-F111	Pump (ext. manufacturing/procurement) Pump PRECISION 100	00000666 1			PC					· 8	T-COP2	0130	0.500- Sheet metal ST			31.12.9999		
T-A T-COP T-EX T-F111	Pump (ext. manufacturing/procurement)	00000666 1	м	1,000						. 모	Textposition für H		1 000					
T-A T-COP T-EX T-F111 T-FY01	Pump (ext. manufacturing/procurement) Pump PRECISION 100 Pump PRECISION 100-01 Pump PRECISION 200-01			1,000	PC							4nweise, 0140			11.11.1997	31.12.9999		
T-A T-COP T-EX T-F111 T-FY01 T-FZ01 T-MC	Pump (ext. manufacturing/procurement) Pump PRECISION 100 Pump PRECISION 100-01 Pump PRECISION 200-01 pump (material components)	00000666 1 00000666 1 00000443 1	M	1,000	PC PC					· 8	DRWP-100	0 0150	1.000			31.12.9999 31.12.9999		
T-A T-COP T-EX T-F111 T-FY01 T-FZ01 T-MC	Pump (ext. manufacturing/procurement) Pump PRECISION 100 Pump PRECISION 100-01 Pump PRECISION 200-01	00000666 1 00000666 1	M	1,000	PC PC					• 🖁	DRWP-100 T-DUMMY	C 0150 0160	1.000 1.000 Shaft (dummy :		24.10.1997			
T-A T-COP T-EX T-F111 T-FY01 T-FZ01 T-MC T-MCA T-MS07	Pump (ext. manufacturing/procurement) Pump PRECISION 100 Pump PRECISION 100-01 Pump PRECISION 200-01 pump (material components) pump (material components) Hollow shaft	00000666 1 00000666 1 00000443 1 00002761 1 00003459 1	M M M M M	1,000 1,000 1,000 1,000	PC PC PC PC					• 🖁	DRWP-100	C 0150 0160	1.000		24.10.1997 11.11.1997	31.12.9999		
T-A T-COP T-EX T-F111 T-FY01 T-FZ01 T-MC T-MCA T-MS07	Pump (ext. manufacturing/procurement) Pump PRECISION 100 Pump PRECISION 200-01 Pump PRECISION 200-01 pump (material components) pump (material components)	00000666 1 00000666 1 00000443 1 00002761 1 00003459 1 00000454 1	M M M	1,000 1,000 1,000	PC PC PC PC					• 🖁	DRWP-100 T-DUMMY	C 0150 0160	1.000 1.000 Shaft (dummy :		24.10.1997 11.11.1997	31.12.9999 31.12.9999		
T-A T-COP T-EX T-F111 T-FY01 T-FZ01 T-MC T-MCA T-MS07 T-MV	Pump (ext. manufacturing/procurement) Pump PRECISION 100 Pump PRECISION 100-01 Pump PRECISION 200-01 pump (material components) pump (material components) Hollow shaft	00000666 1 00000666 1 00000443 1 00002761 1 00003459 1	M M M M M	1,000 1,000 1,000 1,000	PC PC PC PC PC PC				-	• 🖁	DRWP-100 T-DUMMY	C 0150 0160	1.000 1.000 Shaft (dummy :		24.10.1997 11.11.1997	31.12.9999 31.12.9999		

Tab Header Definition of Discontinued Parts

Area 1

Discontinued parts can be defined using the import function of the selection screen. However, it is also possible to create new table entries using the Add pushbutton [1.1] or to delete entries directly [1.2]. The copy function [1.5] can be used to duplicate individual rows. Furthermore, the user can also filter by either materials [1.3] or assemblies [1.4].

Since it is necessary to make a BOM change for a material substitution, the assignment of a change number is an important aspect when defining discontinued parts. In the table, either an existing number can be assigned directly, or a new number can be created by choosing the pushbutton [1.6] (call TA CC01). If the user created a new number, this is entered in the table directly with the specified validity date after saving. The change number is the link between the discontinued part and BOM. All BOM changes to be made should refer to the change number assigned here.

If the defined discontinued part is an assembly (column "Assembly"), a BOM usage must also be specified here. This affects the display on the "Discontinued Parts in Assembly" tab header.

i Note

The materials defined here are discontinued on a plant-specific basis. Assembly-specific interchangeable items can be defined on the third tab header "Discontinued Part Assembly".

Area 2

The material where-used list of the entry selected in area 1 can be seen in area 2. To be able to see the corresponding information, the row must be selected in area 1 with a double-click. The appropriate BOM can be

called directly by a single click on the BOM number (call TA CS02). Furthermore, the column "ChgEx." displays a checkmark if the respective BOM contains a change with the change number assigned in area 1 for the specified validity date.

The two final columns "Date Element" and "Valid From" display a potential object assignment from the change master record assigned in area 1. If a BOM was assigned to a data element via an object assignment in this change master, the corresponding values are displayed in both columns. If no assignment was made, the fields remain empty.

Choosing the pushbutton "BOM Mass Maintenance" [2.1] (call TA CS20) enables all BOMs in which the discontinued part occurs to be edited by a single action. This makes it possible to replace the discontinued part in the corresponding BOMs with the defined successor. It is left to the user to choose which of the BOMs displayed they want to change.

	ass change	<u>E</u> dit	<u>G</u> oto	S <u>y</u> stem	<u>H</u> elp							
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Char	nge Item Dat	ta 🔊	Plant as	signments		6 9	Sele	ct BOM Deselect BOM				
Rofor	rence Object											
Mate	-	2 100-	122		Screw	MEN						
Mate		2 100-	400		Screw	M DX	00					
0.01	1 Headers											
								Object Description	BOM		-	. Item ID
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1 14	100 400						-				_	_
_	100-400					1000	1	Electronic	00000018	000	0 L	000000
V M	KL-SERIE					1000 1000	1	Electronic Electronic	00000018	000	0 L	000000
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Mass Change of BOMs

After a single click on "Change Item Data" [2.2], the previously selected BOMs with the corresponding change number are revised. Potential assignments of date elements are taken into account here. With the mass change, a checkmark appears in the column "ChgEx." after a table update in line with the BOM changes.

Area 3

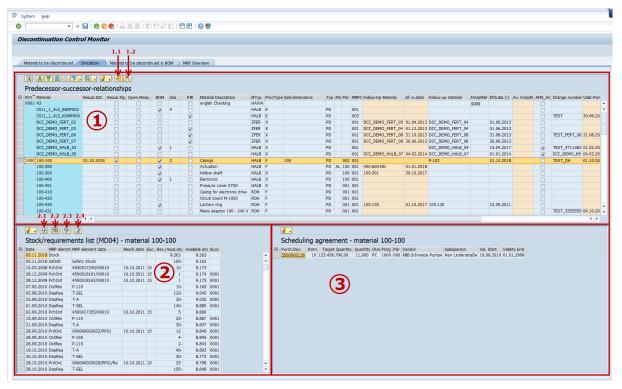
The complete BOM explosion of the assembly selected in area 2 is displayed here. The information can be displayed by double-clicking in area 2. All nodes that contain additional elements can be expanded by a single click on the respective nodes.

Related Information

Tab Header Discontinued Parts in Assembly [page 16]

4.3 Simulation Tab Header

This tab header is also divided into three areas, as shown in the screenshot below.



Simulation Tab Header

Area 1

This table displays the previously defined predecessor-successor relationships in display mode. Here, the user can also filter by either materials [1.2] or assemblies [1.1].

Area 2

In this area, the current stock/requirements list (MD04) of the material selected in area 1 is displayed. Doubleclicking on the upper table allows you to redefine the display of area 2 according to the selection. Doubleclicking again on any table field in area 2 displays the original stock/requirements list (call TA MD04).

Simulation

In addition to updating the table [2.1], the user has the option to perform a simulation [2.2]. Clicking on the corresponding pushbutton simulates a one-step MRP run (call TA MD03) for the selected material. The control parameters can be modified individually as required at the same time. During the simulation, the effective-out date and the successor of the discontinued part are manipulated accordingly in the data basis. After the simulation run, the system shows the user the planning result with the set effective-out date, as shown in the following figure.

_		Individual Lines	tion	order						
	haa		<i>c</i>							
Material MRP Area	0001			Endprodukt Pu	mp	e				
Plant	0001			Aaterial Type		HALB	Base Unit	PC		
A Date	MRP	MRP element data		Rescheduli E	Ξ	Rec./req	d qty	Avail.	quantity	
3 06.11.2018	Stock								100	
=		DCC_DEMO_FERT_01					10-		90	
=		DCC_DEMO_FERT_01					10-		80	
		DCC_DEMO_FERT_01					10-		70	
		DCC_DEMO_FERT_01					10-		60	
		DCC_DEMO_FERT_01					10-		50	
<u> </u>		DCC_DEMO_FERT_01					10-		40	
<u> </u>		DCC_DEMO_FERT_01 DCC_DEMO_FERT_01					10-		30 20	
		DCC_DEMO_FERT_01					10-		10	
		DCC_DEMO_FERT_01					10-		0	
		Effective-Out Date								

Simulation Result

During the simulation, all dependent requirements that are generated after the effective-out date are forwarded to the follow-up material. However, this occurs only when the stock has been consumed fully. The simulation can be repeated as often as the user requires. This methodology can be used to determine the optimum effective-out date for the respective material.

i Note

If the user wants to end the simulated planning run, a dialog box appears (see screenshot below), asking whether the planning result is to be saved. This is always to be answered with No, since otherwise the results of the planning run are saved.

<u>P</u> lanning <u>E</u> dit <u>G</u> ot	o <u>S</u> ettings Extr <u>a</u> s S <u>y</u> stem <u>H</u> elp		
0	▼ « E I @ @ Q I ≙ ñ ∦ I \$)		
Planning Result:	Individual Lines		
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Material DCC		mpe	
MRP Area 000	01 Werk 0001		
Plant 000	1 MRP Type PD Material Type	HALB Base Unit	PC 🛛
A. Date MRP	MRP element data Rescheduli I	E Rec./reqd qty	Avail. quantity
Q07.11.2018 Stock	☞ BPA(1)/800 Cancel Planning	×	100
306.11.2018 DepRe		10-	90
G06.11.2018 DepRe G06.11.2018 DepRe	Planning results will be lost	10-	90 80
	Planning results will be lost		
06.11.2018 DepRe	Planning results will be lost Save event?	10- 10- 10-	80
06.11.2018 DepRes 19.11.2018 DepRes	Planning results will be lost Save event?	10-	80 70
06.11.2018 DepRe 19.11.2018 DepRe 14.12.2018 DepRe	Planning results will be lost Save event?	10- 10- 10-	80 70 60
(06.11.2018 DepRet (19.11.2018 DepRet (14.12.2018 DepRet (18.01.2019 DepRet	Planning results will be lost Save event?	10- 10- 10- 10- 10- 10-	80 70 60 50
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Save Prompt

After the simulation has been completed, the simulation date and the successor used for the simulation are entered in the cells of the desired effective-out date and the successor. Thus, the last used simulation parameters remain visible for the user and are used as a template for a repeat simulation.

Maintenance of material and change master

Clicking on the "Maintain Master Data" button [2.3] opens a maintenance dialog.

☞ BPA(1)/800 Maintenance of material and change n	naster data 🔹 🔊
Master data to be updated	
Plant 1200	Change Number TEST_5555555
Material R-1230	Valid From 04.10.2011
Follow-Up Material R-1170	(1)
Effout date 13.06.2012	Ŭ
Databasis for update	
Date to be set 13.06.2012	Follow-up material R-1170 (2)
Select master data elements to be updated	
Discontinuation control in MM	Alternative dates (select line(s))
Validity of change number	Alternative date Valid From OI
	TEST1 13.06.2012 X TEST2 11.09.2011 X
	11.05.2011 X
(3)	
\smile	
	🕼 Update 🖌 Done

Dialog Box for Maintaining the Material and Change Master

The first area displays the current values of the master data to be updated in display mode. The relevant data of the discontinued part is displayed on the left-hand side. The right-hand side shows the change number previously assigned on tab header 1, with the corresponding validity date.

In the second area, the values that are the basis for editing are displayed. The corresponding desired effectiveout date and the desired follow-up material serve as a template here.

In the third and final area, the master data objects to be updated are to be selected. The options are the discontinuation control in the material master as well as the validity of the change number. In addition, date elements that are assigned to the change master are assigned a new validity date. For the values defined previously in area 2 for the desired objects to be transferred, the selection fields must be set at the appropriate position. For the date elements, make sure that the individual entries in the displayed table are selected.

Clicking on the update pushbutton updates the previously selected master data accordingly. You can use the done pushbutton to close the window without change.

Direct jump to the material master data view

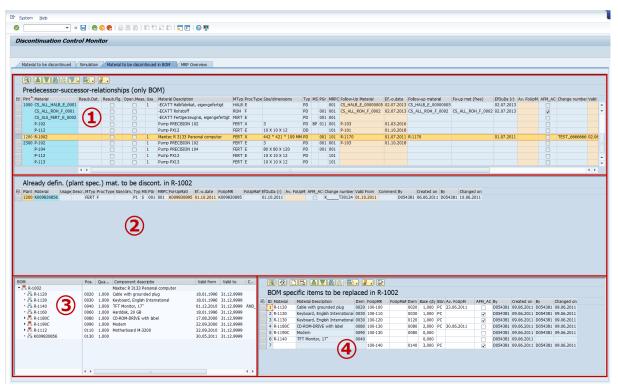
The corresponding material can be edited directly via the pushbutton [2.4] (call TA MM02).

Area 3

In the third area of this tab header, the information on possible delivery schedules is listed. A single click on the purchasing document category (call TA ME33L) allows you to display the respective delivery schedule directly with its individual items in detail.

4.4 Tab Header *Discontinued Parts in Assembly*

The third tab header can be divided into four different areas and primarily serves to define assembly-specific interchangeable items.



Tab Header Discontinued Parts in Assembly

Area 1

As on the "Simulation" tab header, the predecessor-successor relationships are displayed in display mode in this area. However, the table exclusively lists assemblies, since only these are relevant in the current context.

Area 2

In the second area, the defined plant-specific discontinued parts are listed with all related information. These are materials or assemblies that have been defined as discontinued parts on tab header 1. Only the materials that are contained in the BOM usage defined previously on the "Definition of Discontinued Parts" tab header are taken into account.

Area 3

A complete BOM explosion in the form of a tree is shown here, so that the assembly-specific interchangeable items can be identified more easily in the next step. The nodes with additional components can be expanded using a single click. This display also refers to previously defined BOM usage.

Area 4

This area represents the core function of the third tab header and defines the assembly-specific interchangeable items. Any constellations can be defined, as the following examples illustrate:

	9		e 17 M 🕅 🖻	. 🥻											
	BOM specific items to be replaced in R-1002														
屘	ID	Material	Material Description	Item	FoUpMR	FoUpMaF	Item	Base qty	BUn	Av. FoUpM	AFM_AC	Ву	Created on	Ву	Changed on
	1	R-1120	Cable with grounded plug	0020	100-100		0020	1,000	PC	23.06.2011		D054381	09.06.2011	D054381	09.06.2011
	2	R-1130	Keyboard, English International	0030	100-110		0030	1,000	PC		\checkmark	D054381	09.06.2011	D054381	09.06.2011
	3	R-1130	Keyboard, English International	0030	100-120		0120	1,000	PC		\checkmark	D054381	09.06.2011	D054381	09.06.2011
	4	R-1180C	CD-ROM-DRIVE with label	0080	100-130		0080	2,000	PC	30.06.2011		D054381	09.06.2011	D054381	09.06.2011
	5	R-1190C	Modem	0090	100-130		0080	0,000				D054381	09.06.2011	D054381	09.06.2011
	6	R-1140	TFT Monitor, 17"	0040				0,000				D054381	09.06.2011		
	7				100-140		0140	3,000	PC		✓	D054381	09.06.2011	D054381	09.06.2011

Assembly-Specific Interchangeable Items

Note that these changes are to be made manually in the BOM. These definitions are not for BOM processing, but rather for determining the optimum expiration date of the associated assembly. Clicking on the "Determine Latest Availability" pushbutton determines the entry with the date furthest away in the future and highlights this in red. This can be used as an indication for the expiration date of the assembly.

i Note

If an assembly on tab header 1 is duplicated using the copy function provided, the associated assemblyspecific interchangeable items are also transferred to the new assembly.

4.5 Tab Header *MRP Overview*

The final tab header serves as an overview for the MRP controller and is divided into three areas.

2 1 100-130 Lattern mg 011.02.012 100-200 1 Actuation 011.02.012 2 1 100-130 Hexapon hed screw N10 00-200 1 Holewath 2 1 100-130 Holewath 30.10.2017 100-301 100-200 1 Holewath 2 1 100-130 Holewath 30.10.2017 100-301 100-200 1 Holewath 100-200 1 Hexapon hed screw M10 100-200 1 Hexapon hed screw M10 100-200 1 Extransc 100-200 1 Garan for electronic dive	ontinuation Cont	rol Monitor							
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1 33 englet Oxectring HWWA Field Oxectring HWWA Field Oxectring 100 100 DCC_DERUS_FER_0 Image: Comparison of the co			Meas Material Description	MTyp ProcTyp	e Size/dimensions	Typ MS	PGr MRPC	Follow-Up Ma	
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CDC 2080 FERT 03 CDC 2080 FERT 02 CDC 2080 FERT 02 FERT 0								*	
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3 1 DCC. DEMO: HALE: 0.0 Carage 0.02.000 1 0.11.02.018 Carage 2 1 100-130 Carage 1 1 0.11.02.018 Carage 0.02.000 1 Carage 0.11.02.017 1.02.000 1 Actuation 0.1.01.2218 400-600-118 0.02.000 1 Mexagon hed screw M.0 Heavagon hed screw M.0 Heavagon hed screw M.0 1.02.000 1 1 Heavagon hed screw M.0 Heavagon hed screw M.0 1.02.000 1 1 Heavagon hed screw M.0 Heavagon hed screw M.0 1.02.012.01 Image: Carage for electronic diveree M.0 Heavagon hed screw M.0 Heavagon hed screw M.0 1.02.020 1 Image: Carage for electronic diveree M.0 Heavagon hed screw M.0 Heavagon hed screw M.0 1.02.020 1 Image: Carage for electronic diveree M.0 Heavagon hed screw M.0 1.02.020 1 Image: Carage for electronic diveree M.0 Heavagon hed screw M.0 1.02.020 1 Image: Carage for electronic diveree M.	11 CS11 1 ALS BGRP002								
00 100-100 1 1 01.10.2016 0 Camps 1 1 100-2016 1 Latter mig 01.10.2017 100.132 100-2020 1 1 Attainin 01.10.2017 100.132 100-2020 1 1 Attainin 01.10.2016 400 600-HH 100-2020 1 1 Hexagon head screew M10 Hexagon head screew M10 100-2020 1 1 Hexagon head screew M10 Hexagon head screew M10 100-2020 1 1 Hexagon head screew M10 Hexagon head screew M10 100-100 1 Camps for electronic dive Hexagon head screew M10 Hexagon head screew M10 100-100 1 Camps for electronic dive Latter main Latter main	1 CS11 1 ALS BGRP002	1 1				04.00	.2014 DC	C DEMO HALE	
2 1 102-430 Lattern mg 011.02217 102.133 102-000 1 Actuation 01.01.2718 4006.000144 2 1 102-130 Hexapon hed screw M10 Hexapon hed screw M10 102-000 1 Hole status 2 1 102-130 Hole status Hole status 102-000 1 Hole status 102-000 1 Hexapon hed screw M10	1 CS11 1 ALS BGRP002	2 1 DCC DEMO HALB	05 0			04.02			
100-200 1 Image: Constraint of the constraint	1 CS11 1 ALS BGRP002	2 1 DCC DEMO HALB 3 1 DCC DEMO HALB	<u>05</u>			04.02			
2 1 102-130 Hexagon head screw M10 100-200 Holewatch 2 1 102-400 Betranic 2 1 102-130 Betranic 100-200 Hexagon head screw M10 100-200 Hexagon head screw M10 100-200 Betranic 100-200 Caray for electronic dive	1 CS11 1 ALS BGRP002	2 1 DCC DEMO HALB 3 1 DCC DEMO HALB 1 1	05 06 01.10.2018 V	Casings					
100-200 1 Holew shaft 30.10.2017 100-301 2 1 104-00 Extransc Extransc 2.00-100 I Hexagon head screer M10 100-400 I Extransc 2.1 109-101 Casing for electronic drive	11 <u>CS11 1 ALS BGRP007</u> DCC DEMO HALB 03	2 1 <u>DCC DEMO HALB</u> 3 1 <u>DCC DEMO HALB</u> 1 1 2 1 <u>100-430</u>	05 06 01.10.2018 V	Casings Lantern ring		01.10			
2 1 102-450 IDECTORIC 2 102-102 Hexagon hed server M10 100-400 1 IDECTORIC 2 1 102-101 Caran for electronic dive	11 <u>CS11 1 ALS BGRP007</u> DCC DEMO HALB 03	2 1 DCC DEMO HALB 3 1 DCC DEMO HALB 1 1 2 1 100-430 1 1	05 06 01.10.2018 V	Casings Lantern ring Actuation		01.10			
2 100-130 Image: Provide a screw M10 100-400 1 Image: Provide a screw M10 2 1 100-110 Image: Casing for electronic drive	11 <u>CS11 1 ALS BGRP007</u> DCC DEMO HALB 03 10 <u>100-100</u> <u>100-200</u>	2 1 DCC DEMO HALB 3 1 DCC DEMO HALB 1 1 2 1 100-430 1 1 2 1 100-130	05 0 06 0 01.10.2018 V 0	Casings Lantern ring Actuation Hexagon hea	ad screw M10	01.10	.2018 400	<u>3-600-NN</u>	
100-400 1 Eectronic 2 1 100-410 Casing for electronic drive	11 <u>CS11 1 ALS BGRP007</u> DCC DEMO HALB 03 10 <u>100-100</u> <u>100-200</u>	2 1 DCC DEMO HALB 3 1 DCC DEMO HALB 1 1 2 1 100-430 1 1 2 1 100-130 1 1 1 1	05 0 06 0 01.10.2018 V 0	Casings Lantern ring Actuation Hexagon hea Holow shaft	ad screw M10	01.10	.2018 400	<u>3-600-NN</u>	
2 1 100-410 Casing for electronic drive	11 <u>CS11 1 ALS BGRP007</u> DCC DEMO HALB 03 10 <u>100-100</u> <u>100-200</u>	2 1 DCC DEMO HALB 3 1 DCC DEMO HALB 1 1 2 1 100-130 1 1 2 1 100-130 1 1 2 1 100-130 1 1 2 1 100-100		Casings Lantern ring Actuation Hexagon hea Holow shaft Electronic		01.10	.2018 400	<u>3-600-NN</u>	
	11 CS11 1 ALS BGRP007 DCC DEMO HALE 03 10 120-100 100-200 100-300	2 1 DCC DEMO HALE 3 1 DCC DEMO HALE 1 1 2 1 100-430 1 1 2 1 100-430 1 1 2 1 100-430 2 1 100-400 2 100-430		Casings Lantern ring Actuation Hexagon hea Holow shaft Electronic Hexagon hea		01.10	.2018 400	<u>3-600-NN</u>	
2 100-420 Circuit board M-1000	11 CS11 1 ALS BGRP007 DCC DEMO HALE 03 10 120-100 100-200 100-300	2 1 DCC DEMO HALB 3 1 DCC DEMO HALB 1 1 2 1 100-430 1 1 2 1 100-130 1 1 2 1 00-130 1 1 2 100-130 1 1 1 1		Cashgs Lantern ring Actuation Hexagon hea Holow shaft Electronic Hexagon hea Electronic	ad screw M10	01.10	.2018 400	<u>3-600-NN</u>	
	11 CS11 1 ALS BGRP007 DCC DEMO HALE 03 10 120-100 100-200 100-300	2 1 0 <u>CC DEMO HALB</u> 3 1 <u>0CC DEMO HALB</u> 1 1 2 1 <u>100-430</u> 1 1 2 1 <u>100-430</u> 1 1 2 1 <u>100-430</u> 2 1 <u>000-130</u> 1 1 2 1 <u>100-410</u> 2 1 <u>100-410</u>	05 01.10.2018 01.10.2018 01.00.2018 01.00.2018 01.00 00 00 00 00 00 00 00 00 00 00 00 00	Casings Lantern ring Actuation Hexagon hea Holow shaft Electronic Hexagon hea Electronic Casing for ele	ad screw M10	01.10	.2018 400	<u>3-600-NN</u>	
	11 CS11 1 ALS BGRP007 DCC DEMO HALE 03 10 120-100 100-200 100-300	2 1 DCC DEMO HALB 3 1 DCC DEMO HALB 1 1 2 1 100-430 1 1 2 1 100-430 1 1 2 1 100-430 1 1 2 100-430 1 1 2 100-400 2 100-420		Casings Lantern ring Actuation Hexagon hea Holow shaft Electronic Hexagon hea Electronic Casing for ele Crout board	ad screw M10	01.10 01.01 30.10	2018 400	<u>3-600-NN</u> <u>3-301</u>	
5 100-432 Cable structure	CS11 1 ALS BGRP00; DCC DEMO HALB 03 100-100 100-200 100-300	2 1 DCC DEMO HAIS 3 1 DCC DEMO HAIS 1 1 2 1 100-130 1 1 2 1 100-130 3 100-130 4 100-431 4 100-431		Cashgs Lantern ring Actuation Hexagon hea Holow shaft Electronic Electronic Cashg for ele Circuit board Lantern ring Mans adapto	ad screw M10 ectronic drive M-1000 ir 100 - 240 V	01.10 01.01 30.10	2018 400	<u>3-600-NN</u> <u>3-301</u>	

Tab Header MRP Overview

Area 1

In this table, all materials are listed according to the selection screen and enriched with additional information (see lower screenshot).

		ontinued																_				
		Resub.Dat.	Resub.Flg.	. Open.Meas	. Material Description		ProcType	e Size/dimensions	Typ N	IS PGr N	IRPC	Follow-Up Material	Efo.date	Stock at effout date	EbE					Follow-up material	FoUpMaF	EfC
001	43				english Checking	HAWA											999,9		999,9		0000	
	CS11 1 ALS KOMP004					HALB			PD		003					0,000		999,9	999,9			
	DCC DEMO FERT 02					ZFER	х		PD	0	001	DCC DEMO FERT 05	01.04.2013	11,000-	✓	0,000	999,0-	999,0-	999,0-	DCC_DEMO_FERT_04		01
	DCC DEMO FERT 03					ZFER	х		PD	0	001	DCC DEMO FERT 04	01.12.2013	68,000-		0,000	999,0-	999,0-	999,0-	DCC_DEMO_FERT_04		0
	DCC DEMO FERT 06					ZFER	х		PD	0	001	DCC DEMO FERT 08	31.10.2013	210,000-	v	0,000	999,0-	999,0-	999,0-	DCC_DEMO_FERT_08		3
	DCC DEMO FERT 07					ZFER	х		PD	0	001	DCC DEMO FERT 08	30.06.2013	0,000	v	0,000	999,0-	999,0-	999,0-	DCC_DEMO_FERT_08		3
	DCC DEMO HALB 05					HALB	х		PD	0	001	DCC DEMO HALB 07	04.02.2014	100,000	1	100,000	999,9	999,9	999,9	DCC_DEMO_HALB_07		1
000	100-401				Pressure cover ST50	HALB	х		PD	001 0	001					1.000,000	999,9	999,9	999,9			
	100-410				Casing for electronic drive	ROH	F		PD	001 0	001					9.905,000	999,9	999,9	999,9			
	100-420				Circuit board M-1000	ROH	F		PD	001 0	001					7.695,000	999,9	999,9	999,9			
	100-431				Mains adaptor 100 - 240 V	ROH	F		PD	001 0	001					3.777.000	9999,9	999,9	999,9			
	100-432				Cable structure	ROH	F		PD	001 0	001					8.153,000	999,9	999,9	999,9			
	100-433				Screw M 6X60	ROH	F		PD	001 0	001	100-121	18.04.2016	6652,000		6,747,000			999,9			
	100-480				Super heater	HIBE		100 X 100 X 350		001					-	0,000	999,9	999,9	999,9			
	100-485				Soot blower	HIBE		80 X 80 X 120		001						0.000	999,9		999,9			
	100-490				Evaporator coll	HIBE		80 X 80 X 120		001						0.000	999,9		999,9			
	100-510				Ball bearing	HAWA	F		PD	001 0	001						599,0-		599.0-			
	100-600				Support base	ROH			PD	100 0						6.550,000			998,7-			

Detail View Area 1

This includes, for example, information such as the stock on the expiration date or whether there are still entries in the MD04 list after the expiration date (highlighted in red). However, the current stock as well as the stock coverage are still displayed (highlighted in orange). The list can be updated at any time using the Update pushbutton.

In addition, a single click on any displayed material number displays the current stock/requirements list in area 3. With a single click on the expiration date, the DCC monitor jumps to tab header 2 (Simulation) and selects the suitable entry automatically.

Area 2

BOM to be dis															
Pint [®] Material	Type ID Material	Resub.Dat. Resub.				Follow-Up Material	Av. FoUpM	AFM_AC	Stock at effout date		Available qty				
1200 <u>R-1002</u>	1 1			Maxitec R 3133 Personal computer	01.07.2011	<u>R-1170</u>			345,000-	1	0,000	999,0	999,0-	999,0-	
	2 1 <u>R-1120</u>			Cable with grounded plug							117,000	999,9	999,9	999,9	
	2 <u>R-1130</u>			Keyboard, English International							313,000	999,9	999,9	999,9	
	3 K009830856				01.10.2011	K009830895					0,000	0,0	0,0	0,0	
	3 1 <u>R-1120</u>			Cable with grounded plug		100-100	23.06.2011				0,000	0,0	0,0	0,0	
	2 <u>R-1130</u>			Keyboard, English International		100-110		V			0,000	0,0	0,0	0,0	
	3 <u>R-1130</u>			Keyboard, English International		100-120		V			0,000	0,0	0,0	0,0	
	4 R-1180C			CD-ROM-DRIVE with label		100-130	30.06.2011				0,000	0,0	0,0	0,0	
	5 R-1190C			Modem		100-130					0,000	0,0	0,0	0.0	
	6 R-1140			TFT Monitor, 17"							0,000	0,0	0,0	0.0	
	7					100-140		~			0,000	0,0	0,0	0.0	
2300 P-102	1 1			Pump PRECISION 102	01.10.2018	P-103			0,000		0,000	999,9		999,9	
	2 1 102-100			Casing 102	04.01.2019	102-400			1100,000		1.100,000	999,9	999,9	999,9	
	2 102-200			Fly wheel W-102							100,000	999,9	999,9	999,9	
	3 102-300			Hollow shaft							100,000	38.1	38,1	38,1	
	4 102-400			Pressure coversphere-cast							100,000	38,0	38.0	38.0	
	5 102-500			Bearing case							100,000	38,1	38.1	38.1	
	6 102-600			Support base							100,000	38,1	38.1	38.1	
	7 102-700			Sheet metal ST37							100,000	38,1		38.1	

All assemblies defined as discontinued parts are listed here (see lower screenshot).

Detail View Area 2

In this overview, the color distinction of the individual rows is important for a fundamental understanding of the table. The structure of the table is represented in the following using an example from the upper screenshot.

- YELLOW: Assembly R-1002
- BLUE: Defined plant-specific discontinued parts in assembly R-1002
- GREEN: Assembly-specific interchangeable items in assembly R-1002
- YELLOW: Assembly P-102
- BLUE: Defined plant-specific discontinued parts in assembly P-102

The type specification in the third column on the left serves as a further differentiator of the rows.

- Type 1: The assembly
- Type 2: Defined plant-specific discontinued parts
- Type 3: Assembly-specific interchangeable items

For the rows of assembly-specific interchangeable items (green), the fields of the columns Expiration Date, Stock on Expiration Date, More Rows, Current Stock, Stock Coverage, as well as the first and second intermediate coverage have a lighter color and are not filled with values. Since these materials are only to be exchanged in the respective assembly, they have no plant-specific expiration date and therefore no stock for the expiration date. Displayed zeroes can be ignored in these cells.

Area 3

In this final area, the current stock/requirements list for the materials chosen in area 1 or 2 are displayed.

5 Activation of Additional Functions

The following functionalities can also be activated.

5.1 Reassignment of Planned Independent Requirements

To activate the functionality of reassigning planned independent requirements for discontinued parts, an additional business function from the Switch Framework must also be activated.

5.1.1 Activation of Functionality

This occurs in standard Customizing, via transaction SFW5. A switch (/SAPLOM/DCC_EHB_003) is provided here, which activates the corresponding functionality in the DCC monitor. Initially, this functionality is inactive and needs to be configured by an administrator with corresponding access rights where necessary.

System Settings Edit Goto Utilities(M)	Impact Analyzer System Help		
🖉 💽 🔹 🔍 😵 📢	3 🗁 🛗 🟠 13 13 💭 13 🗊 🗖 🕢 🖳		
BPA - Switch Framework: Change	Business Function Status		
Check Changes Activate Changes 19 Dis	nby Lenend		
Business Function Set /SAPLOM/SLC_BFS_	RES SLC Resevati 💌		
Name	Description	Planned Status	Dep
SAPLOM/SLC_BFS_RES	SLC Resevations tab		
 SAPLOM/SLC_BF_RES 	SLC Reservations tab (reversible)		
ENTERPRISE_BUSINESS_FUNCTIONS	Enterprise Business Functions		
 [®] /BEV1/NE_ENH 	Functional Improvements in MM for EM and ExD		
• 📙 /DSD/BF	Direct Store Delivery Process Improvements	Business func. will remain switched on	-
・ 👵 /DSD/DEX	Data EXchange Enablement for DSD		-
 JIBS/EAFS_RBD_BUSOPR 	SAP RBD: Business Operations in Reserve for Bad Debts		
 KYK/GEN_AIO_SIMPLIFICATION 	SAP All-In-One Roles	Business func. will remain switched on	
• 📙 /PLMU/IPPE_INT	PLM IPPE Integration	Business func. will remain switched on	
• 📙 /PLMU/WEB_UI	PLM Web User Interface	Business func. will remain switched on	-
• : / SAPLOM/DCC_EHB_001	DCC monitor - Authorization check with plant (activity 'change') (reversible)		
 SAPLOM/DCC_EHB_003 	DCC monitor - Reassignment of planned independend requirements af. efout date (reversible)		
 SAPLOM/IQR 	Activation of IQR Analysis Functionality (reversible)		_
・ Ō /SAPMP/GEN_MILLFUNC	Mill Functions for Mining		-

Activation via Transaction SFW5

5.1.2 Usage of Functionality

As a result of activation, certain screen elements are also displayed, which were hidden previously. Specifically, this affects the table of the predecessor-successor relationships, where an additional column becomes available:

S	ystem	<u>H</u> elp										
0		• [🔗 😪	I 🔒 (i	1 64 1	8998	📮 🛃	0			
Di	scont	inuation Control	Mon	itor								
/	Material	to be discontinued Sir	nulation	n Mat	terial to l	oe disco	ntinued in BOM	MRP O	vervie	w		
			nra				🗏 🖪 🛛 🎊 м	easures 🛃	Resu	bmit		2
₽	Plant	Material	Des	BOM	Usa	PIR	MTyp ProcTy	oe Size/dim.	Тур	MS P	MRPC	Follow-Up Matl
	0001	DCC_DEMO_FERT_02					ZFER X		PD		001	DCC_DEMO_FEF
	0001	DCC_DEMO_FERT_03				<	ZFER X		PD		001	DCC_DEMO_FEF
	⊘ Di	Discont Material Material Prede Plant 0001	Image: Second	Material to be discontinued Simulation Material to be discontinued Simulation Predecessor-successor-re Plant Material Des 0001 DCC_DEMO_FERT_02	Material to be discontinued Simulation Material Des. BOM 0001 DCC_DEMO_FERT_02	Image: Second Secon	Image: Section of the sec	Image: Second secon	Image: Section 1999 Image: Section 1999	Image: Section 1999 Image: Section 1999	Image: Section 1999 Image: Section 1999	Image: Second

Indicator for Reassignment of Planned Independent Requirements

Setting a checkmark in this column identifies the material as relevant for the reassignment of planned independent requirements. However, this does not mean that this type of requirement is automatically forwarded to the successor material. The actual reassignment takes place in a separate step. For this, you must choose the "Maintain Master Data" pushbutton on the second tab header "Simulation".

Thus, the dialog box mentioned in the "Tab Header Simulation" section appears, which now contains an enhancement for the reassignment of planned independent requirements in the lower area. For the requirements to be taken into account accordingly, the checkmark must be set appropriately. This action results in a checkmark also being set for "Discontinuation Control in the Material Master", so that the reorganization of the planned independent requirements takes place synchronously with the setting of the expiration date in the material master.

🖙 BPA(1)/800 Maintenan	ce of material and change m	aster data	×
Master data to be update	ed		
Plant Material Follow-Up Material Effout date	1200 R-1230 R-1170 13.06.2012	Change Number Valid From	TEST_5555555 04.10.2011
Databasis for update Date to be set	13.06.2012	Follow-up material	R-1170
Select master data eleme	nts to be updated		
Discontinuation contro		Alternative dates (se	lect line(s))
□ Validity of change num	ber	Alternative date TEST1 TEST2	Valid From OI 13.06.2012 X 11.09.2011 X
Reportaneout of abaaad	independent requirements		
		ffout date elated to material-plant-co	ombination)
		(Q)	Update 🖌 Done

Enhancement of Dialog Box for Master Data Maintenance

Furthermore, the user can choose here which version of the planned independent requirements are to be taken into account for the reassignment. For the requirements plan, it is to be considered that this criterion refers

exclusively to the versions within the expiring material/plant combination. Versions of other materials that are assigned to this requirements plan are not taken into account.

Related Information

Simulation Tab Header [page 12]

5.1.3 Example

To understand the system behavior better, an example is given, which illustrates the reassignment mechanism. The initial situation in the part to be discontinued is as follows:

C Planned indep.reqmts	<u>E</u> dit <u>G</u> o	oto <u>S</u> e	ettings En	<u>v</u> ironment	S <u>v</u> stem	<u>H</u> elp								
Ø	- ∢ [•	🙆 🚷 I 🖴	間間:	0000	🗅 🛒 🔁	😮 🖪							
Pind Ind. Reqmt	s Chang	ie: Pla	nning T	able										
J 🖬 👬 🛈 🔠 🖉	🥆 🖪 🗟	₽												
Planning start 02.05.	2013 Plan	nning En	d 27.06.	2014										
Table Items	Sched. lines													
Material	MRP V	A BU	M 05.2013	M 06.2013	M 07.2013	M 08.2013	M 09.2013	M 10.2013	M 11.2013	M 12.2013	M 01.2014	M 02.2014	M 03.2014	4
DCC_DEMO_FERT_03	🗇 01 00	✓ PC	10	10	10	10	10	10	10	10	10	10	10	-
	00													•
	0.0													

Initial Situation in Part To Be Discontinued

There are already some requirements for the follow-up material since the material has already been in use for a while and planned:

Planned indep.reqmts	<u>E</u> dit <u>G</u> o	oto <u>S</u> e	ettings Eng	vironment	S <u>v</u> stem	<u>H</u> elp								
Ø	- ⊲ ⊑	0	2 😢 🗎	間間日	80 10 10 1	🕄 🐹 🕄	😨 🖪							
Pind Ind. Reqmt	s Chang	e: Pla	nning Ta	able										
4 🖬 👬 î 🛅 🖉	🛰 🖪 🗟	₽												
Planning start 02.05.2	2013 Plan	ning End	27.06.2	2014										
Table Items S	Sched. lines													
■ Material	MRP V	A RU	M 05.2013	M 06 2013	M 07 2013	M 08 2013	M 00 2013	M 10 2013	M 11 2012	M 12 2013	M 01 2014	M 02 2014	M 03 2014	
	D1 00	✓ PC	5	5	5	5	5	5	5	5	5	5	5	5 🔺
	00													-
	00													

Initial Situation in Follow-Up Material

Now the planned independent requirements will be diverted via the dialog box described previously with the following settings by clicking on the Update pushbutton:

🕞 Maintenance of material and ch	nange master data		×
Master data to be updated			
Plant Material DCC_I Follow-Up Material Effout date	0001 DEMO_FERT_03	Change Number Valid From	
Databasis for update Date to be set	01.10.2013	Follow-up material	DCC_DEMO_FERT_04
Select master data elements to b	a undated		
Discontinuation control in MM		Alternative dates (se	alact lina(s))
Validity of change number		Alternative date	Valid From O
Reassignment of planned indeper	ndent requirements		
✓ Reassign planned independet in Requirements type		ffout date	
Reqmts Plan	(re	elated to material-plant-c	combination)
 Selected version All active versions All active/inactive versions 	00		
		Þ	Update 🖌 Done

Dialog Box for Reassigning Planned Independent Requirements

This results in the following situation for planned independent requirements in the part to be discontinued. All requirements after the expiration date are written to an inactive version, whereby even in the discontinued part it remains transparent which values were maintained here originally:

Planned indep.regmts	<u>E</u> dit <u>G</u> o	oto <u>S</u> e	ettings En <u>v</u> i	ironment	System	<u>H</u> elp								
Ø	- ⊲ ⊑	0	🛛 🖓 I 📮		8003	C 🛒 🏹	😨 🖪							
Plnd Ind. Reqmt	s Chang	e: Pla	nning Ta	ble										
4 🖬 👬 🕯 🖬 🖉	🤸 🖪 🛢	R												
Planning start 02.05.2	2013 Plan	ining End	27.06.20	014										
Table Items S	Sched. lines													
🔁 Material	MRP V	A BU	M 05.2013 N	4 06.2013	M 07.2013	M 08.2013	M 09.2013	M 10.2013	M 11.2013	M 12.2013	M 01.2014	M 02.2014	M 03.2014	N
	D 01 00 0001 00	✓ PC	10	10	10	10	10	10	10	10	10	10	10	÷
DCC_DEMO_FERT_03	D 01 00	✓ PC												

Result of Reassignment on the Part To Be Discontinued

In the follow-up material, the reassigned requirements are now visible and are identified in a separate active version. This enables the "normal" requirements of the successor to be distinguished from the reassigned requirements:

☑ Planned indep.reqmts	<u>E</u> dit (<u>G</u> oto <u>S</u>	ettings En <u>v</u> ironmen	s S <u>v</u> stem	<u>H</u> elp								
Ø	• 1	8 ©	😧 😪 I 🗅 M M	1 🔁 🔁 🗘	\$1 🐺 🏹	🕜 🖪							
Plnd Ind. Reqmt	s Chan	ge: Pla	anning Table										
4 🖬 👬 🖬 🖉 🖗	% 🖪 🛙	₿₿											
Planning start 02.05.2	2013 Pk	anning En	d 27.06.2014										
Table Items S	ched. line:	s											
■ Material I	MRP V	A BU	M 05.2013 M 06.20	I3 M 07.2013	M 08.2013	M 09.2013	M 10.2013	M 11.2013	M 12.2013	M 01.2014	M 02.2014	M 03.2014 N	
DCC_DEMO_FERT_04	D 01 00	PC V	5	5	5 5	5 5	5	5	5	5	5	5	*
DCC_DEMO_FERT_04	001 00	PC 🔽					10	10	10	10	10	10	-
	0.0												

Result of Reassignment on the Follow-Up Material

The regenerated versions differ in both the discontinued part and the successor by a separate requirement version that identifies the versions affected by the reassignment:

Planned indep.reqmts	<u>E</u> dit <u>G</u> oto <u>S</u> ettings En <u>v</u> ir	onment S <u>v</u> stem	<u>H</u> elp								
	▾ ◁ 📙 ☎ ⑳ ֎ 🖴 /	1 K 20 C () 🕄 (🕱 🗾 I 🔞 (
Plnd Ind. Reqm	ts Change: Item Screen										
a 🖬 👬 🛱 🛗 🖉	🔍 🖪 🗟 🗟										
	.2013 Planning End 27.06.20 Sched. lines	14									
Material	Short Text	MRP	V A	Reg Plan	Plan Qty BU	RTyp	CI S	. M MRI	Р М S	НТ.	
DCC_DEMO_FERT_04	Chfolger für Fernbedienung Typ 1	/2 0001	00	✓	55 PC	LSF	10	PD	001	√ √	
DCC_DEMO_FERT_04	Nachfolger für Fernbedienung Typ 1	/2 0001	00	✓ /SAPLOM/	60 PC	LSF	10	PD	001	7 7	

Identification of Reassigned Requirements in Follow-Up Material

5.2 Authorization Check on Plant

Just like the reassignment of the planned independent requirements, the authorization check can be activated in a plant. The switch "/SAPLOM/DCC_EHB_001" can be activated as required using transaction "SFW5". After executing the selection screen it is hereby checked whether the user has authorization for the plants used in the selection. If this is not the case, a corresponding error message appears.

Image: Change Business Function Status Image: Change Changes Image: Change: Changes Image: Change: Change: Changes Image: Change: Chang					
			Business Function Set IQR Functionality	¥	
			Name	Description	Planned Sta
▼ ☐ /SAPLOM/IQR	IQR Functionality				
ENTERPRISE_BUSINESS_FUNCTIONS	Enterprise Business Functions				
• 👶 /BEV1/NE_ENH	Functional Improvements in MM for EM and ExD				
• 👶 /DSD/BF	Direct Store Delivery Process Improvements	Business fun			
 	Data EXchange Enablement for DSD				
 IBS/EAFS_RBD_BUSOPR 	SAP RBD: Business Operations in Reserve for Bad Debts				
 KYK/GEN_AIO_SIMPLIFICATION 	SAP All-In-One Roles	Business fun			
 Description PLMU/IPPE_INT 	PLM IPPE Integration	Business fun			
• 🖧 /PLMU/WEB_UI	PLM Web User Interface	Business fun			
 SAPLOM/DCC_EHB_001 	DCC monitor - Authorization check with plant (activity 'change') (reversible)				
 SAPLOM/DCC_EHB_003 	DCC monitor - Reassignment of planned independend requirements af. efout date (reversible)	✓			
• 👶 /SAPLOM/IQR	Activation of IQR Analysis Functionality (reversible)	✓			
 APMP/GEN MILLFUNC 	Mill Functions for Mining				

Activation of Authorization Check on Plant

6 Support

When an error occurs in the program and a corresponding support agreement has been entered into, a ticket can be opened under the component XX-PROJ-CON-ALS.

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