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### 1 Inventory Overview

Taking the SMI Overview you - as a supplier - can check the requirement and inventory situation at any time. You are able to set you individual needs for the planning period of time and the scheduling for it.

As a supplier you use inventory details in order to schedule the quantities you intend to deliver to your customers. The most important key figure for your scheduling is the inventory projected which provides information about the requirement and inventory balance in a period of time. According to the inventory projected you have to match it to the scenario. As an example, in a **SMI (Supplier Management Inventory)** scenario the stock projected should range between the minimum and maximum stock which your customer has agreed with you.

If the stock projected of a period shows a critical value, this period will be color-coded. As a customer or supplier you will immediately recognize where problems occur. The color code indicates the character of the problem, e.g. "orange" for shortfall of the minimum stock level or "blue" for exceeding the maximum stock level.

	MI Overvie	W														Supply	Network Co	llaboratio
4	Excep	tions Der	mand F	Replenish	iment Deliv	ery I	Master Da	ata										
Act	ve Queries																	
Wit	hout Category Assig	nment	SMI defaul	t query (8	3)													
SMI	default query																	
-	lide Quick Criteria Maint	enance															Cha	ange Que
	a second s	<b>[]</b> [0001				- 10	000			a		4					414	10
Cu	tomer Location:					10 19	555					-						
My	Customer Location No.:										-							
Pro	duct:																	
My	Product No.:				Ĺ	To _						15						
Cu	stomer:	<	8	D		To		D				5						
Crit	ical Products:																	
	oply																	
A																		
V	iew [Standard View]	•	Details	Services	ASN E	kport ∡											Filt	er Setting
V B	iew [Standard View] Product	Status	Details UoM	Services SoH	ASN E	kport⊿ GTIN	I	TB1	TB2	твз	TB4	TB5	TB6	TB7	TB8	Customer Loc.	Filt	er Setting DS LT
V B	iew [Standard View] Product 10400903500000	Status	Details UoM PC	Services SoH 0,000	ASN EX PR AH 0,000	kport⊿ GTIN	I	TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc.	Filt Duration 94:03	er Setting DS LT
	iew [Standard View] Product 10400903500000 29800009021000	▼ [ Status	Details UoM PC PC	Services SoH 0,000 0,000	ASN E PR AH 0,000 0,000	<mark>¢port⊿</mark> GTIN	1	TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc.	Filt Duration 94:03 94:03	er Setting DS LT
	iew [Standard View] Product 10400903500000 29800009021000 10400903500000-00	▼ [ Status	Details UoM PC PC PC	Services SoH 0,000 0,000 0,000	ASN E) PR AH 0,000 0,000 13.260,000	kport⊿ GTIN	I	TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc. 0001 0001 0001	Filt Duration 94:03 94:03 94:03	DS LT 3,68
	iew [Standard View] Product 10400903500000 29800009021000 10400903500000-00 29800009021001-00	Status	Details UoM PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000	ASN E PR AH 0,000 0,000 13.260,000 0,000	GTIN	1	TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc. 1 0001 0001 0001 0001	Fit Duration 94:03 94:03 94:03 94:03	DS LT 3,68
	iew [Standard View] Product 10400903500000 29800009021000 1040090350000-00 29800009021001-00 66210110460301-00	Status	Details UoM PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000	ASN E) PR AH 0,000 0,000 13.260,000 0,000 0,000	GTIN I		TB1	TB2	TB3	TB4	TBS	TB6	TB7	TB8	Customer Loc. 1 0001 0001 0001 0001 0001	Filt Duration 94:03 94:03 94:03 94:03 94:03 94:03	DS LT 3,68
	Istandard View]           Product           10400903500000           29800009021000           10400903500000-00           29800009021001-00           66210110460301-00           66210110460305-00	Status	Details UoM PC PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000 0,000	ASN E2 PR AH 0,000 0,000 13.260,000 0,000 0,000 0,000	kport⊿ GTIN I	1	TB1	TB2	TB3	TB4	TBS	TB6	TB7	TB8	Customer Loc.   0001 0001 0001 0001 0001 0001	Fit Duration 94:03 94:03 94:03 94:03 94:03 94:03 94:03	DS LT 3,68
	Istandard View]           Product           10400903500000           29800009021000           10400903500000-00           29800009021001-00           66210110460301-00           66210110460305-00           66210110460305-00           66210110460307-00	Status	Details UoM PC PC PC PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000 0,000 0,000	ASN E2 PR AH 0,000 0,000 13.260,000 0,000 0,000 0,000 6.404,000	cport ∡ GTIN I		TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc. 1 0001 0001 0001 0001 0001 0001 0001 0	Fit Duration 94:03 94:03 94:03 94:03 94:03 94:03 94:03 94:03	DS LT 3,68 3,20
	Istandard View]           Product           10400903500000           29800009021000           10400903500000-00           29800009021001-00           66210110460301-00           66210110460305-00           66210110460307-00           66210110460308-00	Status	Details UoM PC PC PC PC PC PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000 0,000 0,000	ASN E PR AH 0,000 0,000 13.260,000 0,000 0,000 0,000 6.404,000 1.000,000	GTIN I		TB1	TB2	TB3	TB4	TBS	TB6	TB7	TB8	Customer Loc. 1 0001 0001 0001 0001 0001 0001 0001 0	Fit Duration 94:03 94:03 94:03 94:03 94:03 94:03 94:03 94:03 94:03	DS LT 3,68 3,20
	Istandard View]           Product           10400903500000           29800009021000           10400903500000-00           29800009021001-00           66210110460305-00           66210110460307-00           66210110460308-00           66210110460308-00	Status	Details UoM PC PC PC PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000 0,000 0,000	ASN E PR AH 0,000 13.260,000 0,000 0,000 0,000 6.404,000 1,000,000	GTIN I		TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc. 1 0001 0001 0001 0001 0001 0001 0001 0	Fit Duration 94:03 94:03 94:03 94:03 94:03 94:03 94:03 94:03	DS LT 3,68 3,20
	iew [Standard View] Product 10400903500000 29800009021000 10400903500000-00 29800009021001-00 66210110460301-00 66210110460305-00 66210110460307-00 66210110460308-00	Status	Details UoM PC PC PC PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000 0,000 0,000	ASN E PR AH 0,000 13.260,000 0,000 0,000 0,000 6.404,000 1,000,000	GTIN I		TB1	TB2	TB3	TB4	TBS	TB6	TB7	TB8	Customer Loc. 1 0001 0001 0001 0001 0001 0001 0001 0	Fit Duration 94:03 94:03 94:03 94:03 94:03 94:03 94:03 94:03	DS LT 3,68 3,20
	iew [Standard View] Product 10400903500000 29800009021000 10400903500000-00 29800009021001-00 66210110460301-00 66210110460305-00 66210110460305-00 66210110460308-00	Status	Details UoM PC PC PC PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000 0,000 0,000	ASN E PR AH 0,000 0,000 13.260,000 0,000 0,000 6.404,000 1.000,000	GTIN I		TB1	TB2	TB3	TB4	TBS	TB6	TB7	TB8	Customer Loc. 1 0001 0001 0001 0001 0001 0001 0001 0	Fit Duration 94:03 94:03 94:03 94:03 94:03 94:03 94:03 94:03	DS LT 3,68 3,20
	iew [Standard View] Product 10400903500000 29800009021000 10400903500000-00 29800009021001-00 66210110460301-00 66210110460305-00 66210110460307-00 66210110460308-00	Status	Details UoM PC PC PC PC PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000 0,000 0,000	ASN E PR AH 0,000 0,000 13.260,000 0,000 0,000 6.404,000 1.000,000	GTIN I		TB1	TB2	TB3	TB4	TBS	TB6	TB7	TBS	Customer Loc. 1 0001 0001 0001 0001 0001 0001 0001 0	Fit Duration 94:03 94:03 94:03 94:03 94:03 94:03 94:03 94:03	2,68
	iew [Standard View] Product 10400903500000 29800009021000 10400903500000-00 29800009021001-00 66210110460301-00 66210110460305-00 66210110460307-00 66210110460308-00	Status	Details UoM PC PC PC PC PC PC PC PC PC PC	Services SoH 0,000 0,000 0,000 0,000 0,000 0,000 0,000	ASN E PR AH 0,000 0,000 13.260,000 0,000 0,000 0,000 6.404,000 1.000,000	GTIN I		TB1	TB2	TB3	TB4	TB5	TB6	TB7	TBS	Customer Loc. 1 0001 0001 0001 0001 0001 0001 0001 0	Fit Duration 94:03 94:03 94:03 94:03 94:03 94:03 94:03 94:03	2,20



### 1.1 Getting Started

Open the SMI overview from menu Replenishment

Alert Moi	nitor		
<b>⇔ ≥ ≈</b>	Exceptions Demand Replenishment	Delivery Master Data	
01020	SMI Monitor	SMI Overview	
election	Min/Max Replenishment Monitor	SMI Details	
Show	Responsive Replenishment Monitor	SMI Details - Product view	
	Tracking	Time Buckets Profile	
Planner:	0	SMI Monitor Settings	\$
Customer:	♦ 🚺	то	\$
Supplier:	◊ 🔽 🗇	то	\$
Location:	◊ 🚺	То	1 🖻
My Location:	0	то	] 🕏
Product:	♦ [	То	0 \$
My Product No.:	♦	То	0 🕏

By default the overview will show no products. Press "Show Quick Criteria Maintenance" to enter the selection criteria. Press "Apply" to run the query.

Active G	ueries																	
Withou	Category Assig	gnment <mark>S</mark>	MI defau	lt query (	1)													
SMI defa	ult query																	
▼ Hide	Juick Criteria Main	tenance															<u>Cha</u>	inge Query
Custome	r Location:	0001			đ	То	9999				ð		\$					
My Cust	omer Location No.				đ	То					D		\$					
Product:		9				То						đ	\$					
My Prod	uct No.:					То						D	\$					
Custome	c /	۵ 📃		D		То			D				\$					
Critical F	roducts:																	
Apply	K																	
View	[Standard View]		Details	Service	s 🖌 ASI	Export	4										Filte	er Settings
B Pro	duct	Status	UoM	SoH	PR AH	GTIN	1	TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc.	Duration	DS LT
662	10110460301-00		PC	0,000	0,000											0001	94:03	



To recalculate the projected stock, it is necessary to **refresh** the screen (button in the lower right corner)

5	Product	Status	UoM	SoH	PR AH	GTIN	1	TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc.	Duration	DS LT
	10400903500000		PC	0,000	0,000											0001	94:03	
	29800009021000		PC	0,000	0,000											0001	94:03	
	10400903500000-00		PC	0,000	13.260,000											0001	94:03	3,68
	29800009021001-00		PC	0,000	0,000											0001	94:03	
	66210110460301-00		PC	0,000	0,000											0001	94:03	
	66210110460305-00		PC	0,000	0,000											0001	94:03	
	66210110460307-00		PC	0,000	6.404,000											0001	94:03	3,20
	66210110460308-00		PC	0,000	1.000,000											0001	94:03	

Mark one line in order to report the detailed stock level, requirements etc.

If you mark several lines, you will receive data for all marked products in the table, the general product data will not be shown.

Product Data														
Maintain Location Product	Time Buckets Prot	file Histor	ry Comparison	(Inventory)	Inventory Mo	nitor Settings								
Loc/Prod/APN:	0001/66210110	460307-00	7			SoH:				0,000	]	Last Update	e Inv.:	
My Product No.:						Unrestr./(	Cons.Stk:		0/0		1	Last Update	e Dem.:	
Customer:	10000001					Q/C Stk:			0/0		1	Last Update	ASN:	
My Cust. Loc. No.:						B/C Stk:			0/0		į			
UoM:	PC					Min/Max S	Stk:		500/4.805		]			
LP Sts:	1					Stk Trans	f./Cons.Stock		0/0					
GTIN:	000000000000000000000000000000000000000	0				Lead Time	e (Hours):		94	:03				
Koy Eiguros														
Crid Graphic														
Gild Graphic	(Taura)			10-										
Export a Grid Arrangeme	ent SMI Overview	v	▼ Sa	ve Propose	Planned Rec	eipts 🗐 Aud	ait Trail Histo	ry Comparisor	ASN Over	view   Ropt/H	Regmt List    D	ue List Expa	Ind All Colla	pse A
Product/Customer Locatio	on/Key Figure In	nitial	17.02.2011	18.02.2011	19.02.2011	20.02.2011	21.02.2011	22.02.2011	23.02.2011	24.02.2011	25.02.2011	26.02.2011	27.02.2011	28.0
▼ 66210110460307-00														
▼ 0001														
Demand	1	1.596,000					1.060,000	3.300,000			2.501,000			
Average Demand	d		2.036,912	2.182,555	2.440,555	2.592,793	2.805,186							
Raw Net Demand	d													
Planned Receipts	5		6.365,000	39,000										
In-Transit Quanti	ty	50,000												
Projected Stock	-1	1.546,000	4.819,000	4.858,000	4.858,000	4.858,000	3.798,000	498,000	498,000	498,000	-2.003,000	-2.003,000	-2.003,000	-2.0
Days' Supply			7,18	6,20	5,20	4,20	3,20	2,20	1,20	0,20				
Minimum Proposa	al 2	2.046,000						2,000	2,000	2,000	2.503,000	2.503,000	2.503,000	2.5
Maximum Propos	al 6	6.351,000					1.007,000	4.307,000	4.307,000	4.307,000	6.808,000	6.808,000	6.808,000	6.8
Minimum Stock		500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5
Maximum Stock	4	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.8

You can learn from the **inventory details** a grid arrangement and a graphic. The graphic visualizes the temporal process of demand and the stock in a curve. The grid arrangement reports detailed demand and stock data to every period. You as a supplier organize the scheduling by using the grid arrangement.

In the following the single screen areas will be described:



#### Inventory data:

SoH:	150,000					
Unrestr./Cons.Stk:	0,000/150,000					
Q/C Stk:	0,000/0,000					
B/C Stk:	0,000/0,000					
Min/Max Stk:	500,000/4.805,000					
Stk Transf./Cons.Stock:	0,000/0,000					
Lead Time (Hours):	94:03					

Inventory	Description
SoH	Stock on Hand. Stock available at customer
	The inventory comprehends the stocks, which considers the term for calculating of inventory projected. In the standard release it is only the free available unrestricted stock.
Unrestr. / Cons. Stk	Unrestricted Stock. Stock free available or free available consignment stock at store at the customer at date of scheduling
Q/C Stk:	Stock or consignment stock in Quality Inspection Stock being examined at date of customer's scheduling
B/C Stk:	Blocked or blocked consignment Stock
	Stock at customer, which may not be used.
	You may not use this stock when calculating the stock projected.
Min/Max Stk	Minimum and maximum stock of a product stipulated by customer and supplier
	Minimum and maximum stock data base on the location product master data.
Stk. Transf./Cons.	Stock or consignment in transit.
Stock:	Stock in published ASN without goods receipt.

Last update:	
Last Update Inv.:	17.02.2011 14:10:39
Last Update Dem.:	17.02.2011 14:10:39
Last Update ASN:	17.01.2011 13:54:50

These data fields for the last demand and stock update include the date when KOSTAL has actualized the dates last.

The "Last ASN update" contains the date when the last ASN has been published.



### Product data projected:

Product/Customer Location/Key Figure	Initial	17.02.2011	18.02.2011	19.02.2011	20.02.2011	21.02.2011	22.02.2011	23.02.2011	24.02.2011	25.02.2011	26.0
✓ 66210110460307-00											
▼ 0001											
Demand	1.596,000					1.060,000	3.300,000			2.501,000	
<ul> <li>Average Demand</li> </ul>		2.036,912	2.182,555	2.440,555	2.592,793	2.805,186					
Raw Net Demand											
<ul> <li>Planned Receipts</li> </ul>		6.365,000	39,000								
<ul> <li>In-Transit Quantity</li> </ul>	50,000										
<ul> <li>Projected Stock</li> </ul>	-1.546,000	4.819,000	4.858,000	4.858,000	4.858,000	3.798,000	498,000	498,000	498,000	-2.003,000	-2.0
<ul> <li>Days' Supply</li> </ul>		7,18	6,20	5,20	4,20	3,20	2,20	1,20	0,20		
Minimum Proposal	2.046,000						2,000	2,000	2,000	2.503,000	2.5
<ul> <li>Maximum Proposal</li> </ul>	6.351,000					1.007,000	4.307,000	4.307,000	4.307,000	6.808,000	6.8
Minimum Stock	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	5
<ul> <li>Maximum Stock</li> </ul>	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.8

Signification of lines:	
Demand:	Gross requirement per day. Demands of the past are summarized in the column "Initial"
Average Demand	
Raw Net Demand	
Planned Receipts	
In transit Quantity	Advised quantity (released ASN) to arrival date at customer
Projected stock:	Stock (available + in quality inspection) + in transit + planned receipt - demand
Day's Supply	Number of days the projected stock covering the customers' requirements.
Minimum proposal:	Proposed quantity to be delivered at this day in order not to fall short of minimum stock
Maximum proposal:	Proposed quantity to be delivered at this day in order not exceed the maximum stock
Minimum Stock	Minimum Stock which – in case of shortfall – leads to Alerts and affects the supplier assessment negatively.
Maximum Stock:	Maximum Stock which – in case of exceeding – leads to Alerts

### 1.2 Delivery planning



Key Figu	res							
Grid	Graphic							
Export 4	Grid Arrangement	SMI Over	view	-	Sa	ave	Propose	e Planne:
Produc	:t/Customer Location/K	SMI Overv SMI No Sh	view hip-From Location		111	18.	02.2011	19.02.
▼ 662	10110460307-00	SMI Ship-I	From Location					
<b>v</b> 0	1001	-			1			
	Demand		1.596,000					

Select SMI Ship-From Location if planning is only for one supplier number resp. location. A New line "Planned Receipts" will be created.

Enter the planned quantity to be delivered and "Simulate". The stock projected will be recalculated:

Product/Customer Location/Key Figure	Ship-From Location	Initial	17.02.2011	18.02.2011	19.02.2011	20.02.2011	21.02.2011	22.02.2011	23.02.2011	24.02.20
Demand		1.596,000					1.060,000	3.300,000		
Average Demand			2.036,912	2.182,555	2.440,555	2.592,793	2.805,186			
Planned Receipts			6.365,000	39,000						
Planned Receipts	0000700041		6.365,000	39,000						
<ul> <li>Raw Net Demand</li> </ul>										
In-Transit Quantity		50,000								
In-Transit Quantity	00007000 <mark>4</mark> 1	50,000								
Projected Stock		-1.546,000	4.819,000	4.858,000	4.858,000	4.858,000	3.798,000	498,000	498,000	498,0
Days' Supply			7,18	6,20	5,20	4,20	3,20	2,20	1,20	0,3
Minimum Proposal		2.046.000						2.000	2.000	2.0

#### Planned Receipts can be changed.

Product/Customer Location/Key Figure	Ship-From Location	Initial	17.02.2011	18.02.2011	19.02.2011	20.02.2011	21.02.2011	22.02.
✓ 66210110460307-00								
Demand		1.596,000					1.060,000	3.30
Average Demand			2.036,912	2.182,555	2.440,555	2.592,793	2.805,186	
Planned Receipts			6.365,000	39,000				
Planned Receipts	0000700041		5000	39,000				
Raw Net Demand								
In-Transit Quantity		50,000						
In-Transit Quantity	0000700041	50,000						
Projected Stock		-1.546,000	4.819,000	4.858,000	4.858,000	4.858,000	3.798,000	49
Days' Supply			7,18	6,20	5,20	4,20	3,20	1
Minimum Proposal		2.046,000						
- Maximum Dragonal		0 254 000					1 007 000	4 203



Press ENTER to recalculate the project stock.

▼ 0001								
Demand		1.596,000					1.060,000	3.30
Average Demand			2.036,912	2.182,555	2.440,555	2.592,793	2.805,186	
<ul> <li>Planned Receipts</li> </ul>			5.000,000	39,000				
Planned Receipts	0000700041		5.000,000	39,000				(
<ul> <li>Raw Net Demand</li> </ul>								
<ul> <li>In-Transit Quantity</li> </ul>		50,000						
<ul> <li>In-Transit Quantity</li> </ul>	0000700041	50,000						
<ul> <li>Projected Stock</li> </ul>		-1.546,000	3.454,000	3.493,000	3.493,000	3.493,000	2.433,000	-86
<ul> <li>Days' Supply</li> </ul>			4,73	3,74	2,74	1,74	0,74	
Minimum Proposal		2.046,000						1.36
Maulaum Dessand		0.054.000	4 954 999	4 040 000	4 040 000	4 040 000	0.070.000	F 07

# As an alternative, Planned Receipts can be calculated by the system.

Grid Graphic							
Export A Grid Arrangement SMI Ship-I	From Location	<ul> <li>Save</li> </ul>	opose Plannec	Receipts	4	Audit Trail	History Con
Product/Customer Location/Key Figure	Ship-From Location	Propose Plann	ed Receipts		1	19.02.2011	20.02.2011
▼ 66210110460307-00		Propose Plann	ed Receipts a	nd Save			
▼ 0001		Send Product4	ActivityNotifica	tion			
- Demand		1.596,000					
Average Demand			2.036,912	2.182,5	55	2.440,555	2.592,793
Planned Receipts			5.000,000	39,0	00		

The proposed values are changeable.

If the planning is finalized, data are to be saved.

Planned Receipts will

- be considered when operating Alerts
- <u>not</u> be transferred to customer
- be displayed in the due list
- be used as basis for ASNs

### **1.3 Additional functions in Inventory Details**

Audit-Trail	Display SMI changes in the past
History Comparison	Compare data changes between to data
ASN Overview:	Selection and listing of all deliveries to product
Rcpt/Reqmt List	No operation in KOSTAL proceeding
Due list:	Selection and listing of all <u>due dates</u> resp. all deliveries to product



Export	Export of time series table in a CSV file without general product data
Maintain Location Product	No operation in KOSTAL proceeding
Time Bucket Profile	See next chapter
History Comparison (Inventory)	Compare data changes between to data

### 1.4 Configuration Time Bucket Profile

For each product it can be arranged

- a) in which period of time/Horizon demands etc. are to be shown
- b) in which periods data should are to be summarized

The configuration of Time Bucket Profile you will find in the menu or in the SMI Details:

🗢 🖬 🔿 🛃 🕌 🛛 Ex	ceptions Demand Replenishment	Delivery Master Data
Selection Area	SMI Monitor Min/Max Replenishment Monitor	SMI Overview SMI Details
Go Open Selec	ti Responsive Replenishment Monitor	SMI Details - Product view Time Buckets Profile
oduct Data		SMI Monitor Settings





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Select the default setting for a Sip-To Location/Product combination:



	Exceptions	Demand	Replenishment	Delivery	Master Data
Selection					
Show		💌 Re	set 🔺 Go Clo	se Selection	
Customer Locatio	n: 📕 000	01	đ		
Product:	<b>=</b> 662	2101104603	07-00	đ	
My Customer Loc	ation No.: 🔷 🗌		ð		
My Product No.:	♦ □		2000 A	ð	
Edit Selection	Save for this loca	tion product	only 🔽 S	Save	
	Save for this loca	tion product	only		
Display Harizon:	Save for my prod	uct in all my	locations		
Display Horizon:	Cours from the set	in a fair all as			
Display Horizon: No. of Years:	Save for my locat	ion for all m	/ products		
Display Horizon: No. of Years: No. of Months:	Save for my locat Save for all my lo	ion for all m cation produ	cts		
Display Horizon: No. of Years: No. of Months: No. of Weeks:	Save for my locat Save for all my lo	ion for all m cation produ 0004	cts		
Display Horizon: No. of Years: No. of Months: No. of Weeks: No. of Days:	Save for my locat Save for all my lo	ion for all m cation produ 0004 0001	cts		
Display Horizon: No. of Years: No. of Months: No. of Weeks: No. of Days: Start Offset:	Save for my locat Save for all my lo	ion for all m cation produ 0004 0001	cts		

If necessary, click to "Edit", in order to activate fields for data entry and select the scope for the new settings.

Display Horizon:	Months 0000
No. of Years:	0000
No. of Months:	0004
No. of Weeks:	0004
No. of Days:	0001
Start Offset:	0

- "To specify the duration and **period division of the short-term horizon**, enter the number of weeks in the *Number of Weeks* field for which you want a schedule line in days.
- To specify the duration and **period division of the subsequent medium-term horizon**, enter the number of months in the *Number of Months* field for which you want a schedule line in weeks. This schedule line is only available if you have chosen the period type *month* or *year* for the planning horizon.
- To specify the duration and **period division of the subsequent long-term horizon**, enter the number of years in the *Number of Years* field for which you want a schedule line in months. This schedule line is only available if you have chosen the period type *year* for the planning horizon."<sup>1</sup>

<sup>&</sup>lt;sup>1</sup> Source: http://help.sap.com/saphelp\_scm50/helpdata/en/6b/72a726614f450cbf793afae89b3e8a/content.htm



### 1.4.1 Examples

#### Selection 1



#### Display the rest of the actual week in days and next week as weekly sum:

Product/Customer Location/Key Figure	Initial	17.02.2011	18.02.2011	19.02.2011	20.02.2011	W:08.2011
✓ 66210110460307-00						
▼ 0001						
Demand	1.596,000					6.861,000
Average Demand		1.596,000				
Raw Net Demand		6.351,000	6.351,000	6.351,000	6.351,000	13.212,000
<ul> <li>Planned Receipts</li> </ul>		2.500,000		3.500,000		3.000,000
In-Transit Quantity	50,000					
<ul> <li>Projected Stock</li> </ul>	-1.546,000	954,000	954,000	4.454,000	4.454,000	593,000
Days' Supply		3,97	2,97	5,54	4,54	9.999,00
Minimum Proposal	2.046,000					
Maximum Proposal	6.351,000	3.851,000	3.851,000	351,000	<mark>351,000</mark>	4.212,000
Minimum Stock	500,000	500,000	500,000	500,000	500,000	500,000
Maximum Stock	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000	4.805,000

#### Selection 2





Display next 4 weeks in days, the next 3 month in weekly sum and the rest monthly

	Initial	17.02.20	1 18.02.201	1 19.02.2011	20.02.2011	21.02.2011	22.02.2011	23.02.2011	24.02.2011	25.02.2011
<ul> <li>66210110460307-00</li> </ul>										
▼ 0001										
<ul> <li>Demand</li> </ul>	1.596,000					1.060,000	3.300,000			2.501,000
Average Demand		2.036,	912 2.182,	555 2.440,5	55 2.592,793	3 2.805,186				
Raw Net Demand		6.351,	000 <u>6.351</u> ,	6.351,0	6.351,00	7.411,000				5.801,000
<ul> <li>Planned Receipts</li> </ul>		2.500,	000	3.500,0	00					3.000,000
<ul> <li>In-Transit Quantity</li> </ul>	50,000									
<ul> <li>Projected Stock</li> </ul>	-1.546,000	954,	000 954,0	4.454,0	4.454,00	3.394,000	94,000	94,000	94,000	593,000
<ul> <li>Days' Supply</li> </ul>		3	,90 2	,90 5,1	4,04	4 3,04	2,04	1,04	0,04	3,16
<ul> <li>Minimum Proposal</li> </ul>	2.046,000						406,000	406,000	406,000	
- Mavimum Dronneal	6 351 000	2 051	000 2 001	251 0	251 00	1 411 000	4 711 000	4 711 000	4 711 000	4 212 000
		94,000	-46.546,000	-57.790.000	-69.734,000	-84.178,000				
		94,000	47.046,000	58.290,000	70.234,000	84.678,000				
		94,000 99,000	47.046,000	58.290,000 62.595,000	70.234,000 74.539,000	84.678,000 88.983,000				

	eotions Demand Replenishment		Delivery Master Data	
Selection Area	SMI Monitor Min/Max Replenishment Monitor	•	SMI Overview SMI Details	
Go Open Selecti	Responsive Replenishment Monitor	-	SMI Details - Product view	
	Tracking	•	Time Buckets Profile	
Product Data		1	SMI Monitor Settings	
Maintain Location Produ	ct Time Buckets Profile History Con	npa	rison (Inventory) Inventory Monitor	Sett
Loo/Brod/ADM:	0001 (66010110460207.00)	-		este.

### 1.4.2 Overview Status Columns

Display Selection Save for my k	ocation for all my products 💌 Save
Display Horizon:	Months 💌 0004
No. of Years:	0000
No. of Months:	0003
No. of Weeks:	0004
No. of Days:	0000
Start Offset:	0
Number of Overview Status Column	s: 5

Specify the number of periods for which the overview screen of the monitor is to display the



#### stock status.

3	Product	Status	UoM	SoH	PR AH	GTIN	1	TB1	TB2	TB3	TB4	TB5	TB6	TB7	TB8	Customer Loc.
	10400903500000		PC	0,000	0,000											0001
	29800009021000		PC	0,000	0,000											0001
	10400903500000-00		PC	0,000	13.260,000											0001
	29800009021001-00		PC	0,000	0,000											0001
	66210110460301-00		PC	0,000	0,000											0001
	66210110460305-00		PC	0,000	0,000											0001
	66210110460307-00		PC	0,000	9.000,000											0001
	66210110460308-00		PC	0,000	1.000,000											0001

### 1.5 Due list and ASN

SMI Details - Product view							
⇐₅➡₅ Ж	Exceptions	Dema	nd Replenishment	Delivery	Master Data		
Selection Area			Receipts and Require	ements 🕨 🕨	Due List for Planned Receipts (SMI)		
			Advanced Shipping N	lotification 🕨			
Go Open S	election						

If deliveries are planned and saved in the demand details, so they will be sorted by delivery date (receipt at customer) and listed: see red framed table.

D	ue List								
	Display Inventory Details	Create ASN Create RO							
١	/iew [Standard View]	Export 4							
昆	Ship-From Location	Customer Location	Product	Delivery Date (ETA)	Planned Quantity	Unit	Promotion ID	ASN Quantity	N
	0000700041	0001	66210110460307-00	17.02.2011 00:00:00	2.500,000	PC		107,000	
	0000700041	0001	66210110460307-00	19.02.2011 00:00:00	3.500,000	PC		107,000	
	0000700041	0001	66210110460307-00	25.02.2011 00:00:00	3.000,000	PC		107,000	
D	raft ASNs								
	Change Publish								
١	/iew [Standard View]	Export 4							
	Ship-From Location		Customer Location		ASN No.			De	elive
	0000700041		0001		144				1
			1.62.0070						

The green framed table shows all ASN being in process with status "Draft".

As soon as a delivery is completed and the ASN has been published the corresponding due dates will be deleted.

In order to create a new delivery a new entry has to be marked within the due list (framed red). By clicking on "Create ASN", you will refer to Create ASN.

Further processing of ASN has to be done similar to the release process.

#### **1.6 Inventory-Alerts**

Alert Description	ID	Description
Below min. – projected stock	11	The projected stock falls below the minimum stock.
Above max. – projected stock	12	The projected stock exceeds the maximum stock.
Stockout – projected stock	13	The projected stock is zero or below zero.



Below min. – warehouse stock	7041	The actual warehouse stock is below the minimum stock.
Above max. – warehouse stock	7042	The actual warehouse stock is above the maximum stock.
Stockout – warehouse stock	7043	The actual warehouse stock is zero.