A woman with her hair in a bun stands in front of a wall with a grid of circular perforations. She is wearing a voluminous, floor-length dress with a vibrant floral pattern in shades of blue, green, and purple. The dress has a black belt at the waist and a ruffled neckline. The lighting is dramatic, highlighting the texture of the dress and the wall.

k3pebblestone

Technical release notes Item availability plan

K3|pebblestone (Gen. 2) – Released July 2021

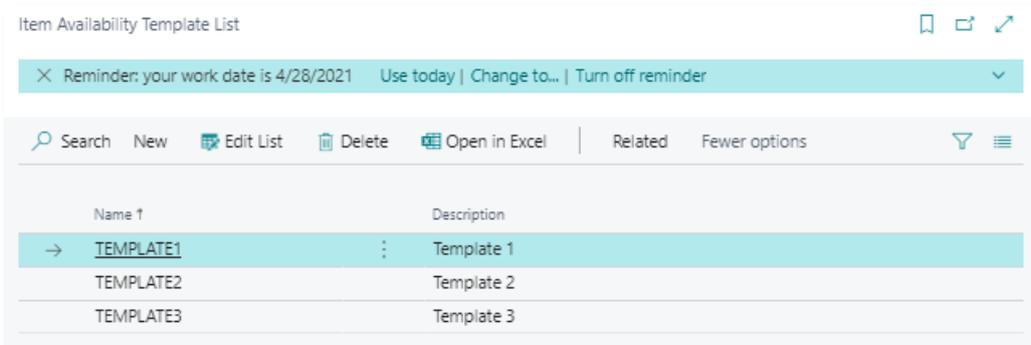
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1. Setup

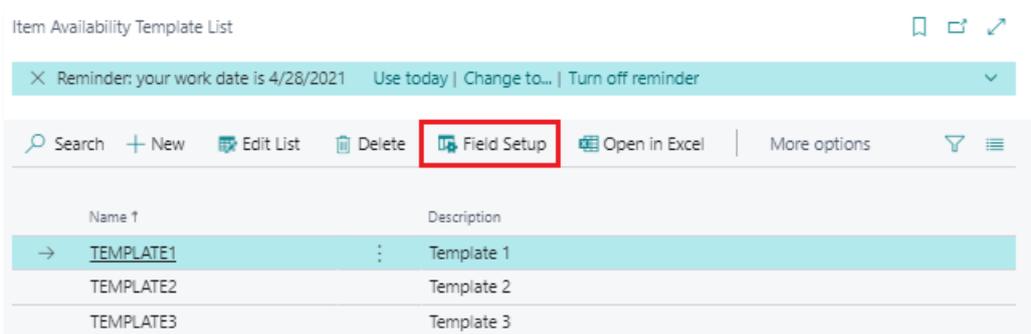
1.1 Item Availability Templates

Create new Item Availability Template(s).



1.2 Field setup

Which fields of the item you want to see in the item availability plan can be set in the field setup. You can set this by choosing Field Setup in the ribbon of the item availability template.



The following screen is opened:

Field No. *	Field Caption	Visible	Sorting	Mandat...
8004	Purchasing Blocked	<input type="checkbox"/>	0	<input type="checkbox"/>
8005	Item Category Id	<input type="checkbox"/>	0	<input type="checkbox"/>
8510	Over-Receipt Code	<input type="checkbox"/>	0	<input type="checkbox"/>
21850	Has Sales Forecast	<input type="checkbox"/>	0	<input type="checkbox"/>
11006100	Color Group Code	<input type="checkbox"/>	0	<input type="checkbox"/>
11006101	Size Range Code	<input type="checkbox"/>	0	<input type="checkbox"/>
11006102	2nd Size Range Code	<input type="checkbox"/>	0	<input type="checkbox"/>
11006103	Season Code	<input type="checkbox"/>	0	<input type="checkbox"/>
11006104	Collection Code	<input type="checkbox"/>	0	<input type="checkbox"/>
11006105	Composition Code	<input type="checkbox"/>	0	<input type="checkbox"/>
11006106	Theme Code	<input type="checkbox"/>	0	<input type="checkbox"/>
11006107	Brand Code	<input checked="" type="checkbox"/>	100	<input type="checkbox"/>
11006108	Delivery Drop Code	<input checked="" type="checkbox"/>	300	<input type="checkbox"/>
11006109	Gender Code	<input checked="" type="checkbox"/>	200	<input type="checkbox"/>
11006110	Never Out of Stock	<input type="checkbox"/>	0	<input type="checkbox"/>
11006111	Fit Code	<input type="checkbox"/>	0	<input type="checkbox"/>

You can determine which fields of the item you want to see in the item availability plan (See chapter Item Availability Plan) by setting the field “Visible”. When you set the field “Visible”, the field “Sorting” is filled too. The first item field you set as visible gets the sorting = 100, the second item field you set as visible gets the sorting = 200 etc. In the example above the field “Brand Code” was set visible as first, the field “Gender Code” as second and the field “Delivery Drop Code” as third. In the Item Availability Plan the item fields are shown in order of the sorting in the field setup. This means for the example above that the field “Brand Code” is shown in the first column, the field “Gender Code” is shown in the second column and the field “Delivery Drop Code” is shown in the third column in the Item Availability Plan. If you want another sorting, you can change the value in the field “Sorting”. For example, you want to see the field “Delivery Drop Code” as second column in the Item Availability Plan, you can change the value in the field “Sorting” from 300 to 150.

You can make multiple item availability templates with its own field setup.

2. Process

2.1 General

When you open the Item Availability Plan, the following screen is shown:

The screenshot shows the 'Item Availability Plan' interface. At the top, there is a navigation bar with a reminder: 'Reminder: your work date is 4/28/2021 Use today | Change to... | Turn off reminder'. Below this is a search bar and a menu with options: 'Search', 'Edit List', 'Open in Excel', 'Actions', and 'Fewer options'. A dropdown menu for 'Template Name' is set to 'TEMPLATES'. The main table area is divided into three sections:

Item No.	Item Description	Description variant	Color Code	Size Code	2nd Size Code	Location Code 1	Brand Code	Gender Code	Delivery Drop Code	Inventory	Purchase Order	Sales Return Order	Incoming Transfer	In Transit	Sales Order	Outgoing Transfer	Assembly Order	Assembly Component	Gross Requirement
1							2			3									

The first section (1) contains fixed fields: Item No., Item Description, Description variant, Color Code, Size Code, 2nd Size Code, and Location Code 1. The second section (2) contains item fields: Brand Code, Gender Code, and Delivery Drop Code. The third section (3) contains total fields: Inventory, Purchase Order, Sales Return Order, Incoming Transfer, In Transit, Sales Order, Outgoing Transfer, Assembly Order, Assembly Component, and Gross Requirement.

The screen is made up of three parts:

1. The first part are fixed fields which are always shown. The fields are Item No., Item Description, Description variant, Color Code, Size Code, 2nd Size Code and Location Code
2. The second part are the item fields which are set by the field setup of the chosen template name (see chapter Field Setup).
3. The third part are the total fields. Which fields are shown is described in chapter Calculate Plan.

In the header you can change the template name. After choosing another template name the item fields set in the field setup for this template (See chapter Field Setup) are shown in part 2 of the Item Availability Plan.

2.2 Calculate plan

To calculate the item availability plan you must choose Actions, Calculate Plan in the ribbon. The following screen is opened:

Calculate Item Availability Plan

Use default values from Last used options and filters

Options

Select All

Deselect All

Inventory

Inventory

Receipt

Purchase Order

Sales Return Order

Incoming Transfer

In Transit

Assembly Order

Firm Planned Production Order ...

Released Production Order

Planned Production Order

Production Order

Requisition Worksheet

Receipt Worksheet

Requirement

Sales Order

Purchase Return Order

Outgoing Transfer

Qty. on Asm. Component

Components Need

Service Order

Planning Issues

Delivery Worksheet

OK Cancel

In the tab Options you can set which total fields you want to see in part 3 of the Item Availability Plan (See chapter General). Also you can set the fields “Totals per Location” and “Sorting per Location”. Below I will explain by 3 examples the working of setting these 2 fields. Next to the settings in the tab Options you can set filters on Location, Item and Item Variant .

Filter: Location

× Code MAIN|WEST

+ Filter...

Filter: Item

× No. 10000

+ Filter...

Filter totals by:

× Date Filter

+ Filter...

Filter: Item Variant

× Color Code BLACK|RED|BLUE

+ Filter...

2.2.1 Example 1:

In case the fields “Totals per Location” and “Sorting per Location” are both set, the following is shown in the Item Availability Plan:

Item Availability Plan

Reminder your work date is 4/28/2021 Use today | Change to... | Turn off reminder

Search Edit List Open in Excel Actions Fewer options

Template Name: TEMPLATES

No: 10000 Color Code: BLACK|RED|BLUE

Item No. *	Item Description	Description variant	Color Code	Size Code	2nd Size Code	Location Code 1	Brand Code	Gender Code	Delivery Drop Code	Inventory	Purchase Order	Sales Return Order	Incoming Transfer	In Transit	Sales Order	Outgoing Transfer	Assembly Order	Assembly Component	Gross Requirement
10000	T-shirt print	T-shirt print Black-XXS	BLACK	XXS		MAIN	AWESOME	WOMEN	2	50	0	0	0	0	10	0	0	0	10
10000	T-shirt print	T-shirt print Black-XS	BLACK	XS		MAIN	AWESOME	WOMEN	2	98	10	0	1	0	20	0	0	0	20
10000	T-shirt print	T-shirt print Black-S	BLACK	S		MAIN	AWESOME	WOMEN	2	97	20	1	3	0	20	0	0	0	20
10000	T-shirt print	T-shirt print Black-M	BLACK	M		MAIN	AWESOME	WOMEN	2	98	40	2	5	5	20	0	10	0	20
10000	T-shirt print	T-shirt print Black-L	BLACK	L		MAIN	AWESOME	WOMEN	2	100	40	2	3	5	20	0	15	5	25
10000	T-shirt print	T-shirt print Black-XL	BLACK	XL		MAIN	AWESOME	WOMEN	2	100	20	1	1	0	20	0	0	3	23
10000	T-shirt print	T-shirt print Black-XXL	BLACK	XXL		MAIN	AWESOME	WOMEN	2	50	0	0	0	0	10	0	0	0	10
10000	T-shirt print	T-shirt print Blue-XXS	BLUE	XXS		MAIN	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XS	BLUE	XS		MAIN	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-S	BLUE	S		MAIN	AWESOME	WOMEN	2	0	0	0	0	2	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-M	BLUE	M		MAIN	AWESOME	WOMEN	2	0	0	0	0	3	0	0	5	0	0
10000	T-shirt print	T-shirt print Blue-L	BLUE	L		MAIN	AWESOME	WOMEN	2	0	0	0	0	2	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XL	BLUE	XL		MAIN	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	4	4
10000	T-shirt print	T-shirt print Blue-XXL	BLUE	XXL		MAIN	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-XXS	RED	XXS		MAIN	AWESOME	WOMEN	2	20	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Red-XS	RED	XS		MAIN	AWESOME	WOMEN	2	40	0	0	0	0	4	0	0	0	4
10000	T-shirt print	T-shirt print Red-S	RED	S		MAIN	AWESOME	WOMEN	2	38	5	0	2	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-M	RED	M		MAIN	AWESOME	WOMEN	2	39	10	1	2	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-L	RED	L		MAIN	AWESOME	WOMEN	2	39	10	1	0	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-XL	RED	XL		MAIN	AWESOME	WOMEN	2	40	5	0	0	0	4	0	0	0	4
10000	T-shirt print	T-shirt print Red-XXL	RED	XXL		MAIN	AWESOME	WOMEN	2	20	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Black-XXS	BLACK	XXS		WEST	AWESOME	WOMEN	2	0	5	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Black-XS	BLACK	XS		WEST	AWESOME	WOMEN	2	20	10	0	1	2	5	0	0	0	5
10000	T-shirt print	T-shirt print Black-S	BLACK	S		WEST	AWESOME	WOMEN	2	30	20	1	2	3	10	0	0	0	10
10000	T-shirt print	T-shirt print Black-M	BLACK	M		WEST	AWESOME	WOMEN	2	35	25	2	3	2	10	0	5	0	10
10000	T-shirt print	T-shirt print Black-L	BLACK	L		WEST	AWESOME	WOMEN	2	25	25	1	2	0	10	0	0	2	12
10000	T-shirt print	T-shirt print Black-XL	BLACK	XL		WEST	AWESOME	WOMEN	2	20	15	0	1	0	5	0	0	1	6
10000	T-shirt print	T-shirt print Black-XXL	BLACK	XXL		WEST	AWESOME	WOMEN	2	0	5	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XXS	BLUE	XXS		WEST	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XS	BLUE	XS		WEST	AWESOME	WOMEN	2	10	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Blue-S	BLUE	S		WEST	AWESOME	WOMEN	2	18	5	0	1	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Blue-M	BLUE	M		WEST	AWESOME	WOMEN	2	27	5	1	2	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Blue-L	BLUE	L		WEST	AWESOME	WOMEN	2	18	5	0	1	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Blue-XL	BLUE	XL		WEST	AWESOME	WOMEN	2	10	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Blue-XXL	BLUE	XXL		WEST	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-XXS	RED	XXS		WEST	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-XS	RED	XS		WEST	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0

The totals are shown per item variant and location. The item availability is sorted per location. In the header you also see which filters are set.

2.2.2 Example 2:

In case the field “Totals per Location” is set and the field “Sorting per Location” is not set, the following is shown in the Item Availability Plan:

Item Availability Plan

Reminder: your work date is 4/28/2021 Use today | Change to... | Turn off reminder

Search Edit List Open in Excel Actions Fewer options

Template Name: TEMPLATES

No: 10000 Color Code: BLACKREDBLUE

Item No. *	Item Description	Description variant	Color Code	Size Code	2nd Size Code	Location Code 1	Brand Code	Gender Code	Delivery Drop Code	Inventory	Purchase Order	Sales Return Order	Incoming Transfer	In Transit	Sales Order	Outgoing Transfer	Assembly Order	Assembly Component	Gross Requirement
10000	T-shirt print	T-shirt print Black-XXS	BLACK	XXS		MAIN	AWESOME	WOMEN	2	50	0	0	0	0	10	0	0	0	10
10000	T-shirt print	T-shirt print Black-XXS	BLACK	XXS		WEST	AWESOME	WOMEN	2	0	5	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Black-XS	BLACK	XS		MAIN	AWESOME	WOMEN	2	98	10	0	1	0	20	0	0	0	20
10000	T-shirt print	T-shirt print Black-XS	BLACK	XS		WEST	AWESOME	WOMEN	2	20	10	0	1	2	5	0	0	0	5
10000	T-shirt print	T-shirt print Black-S	BLACK	S		MAIN	AWESOME	WOMEN	2	97	20	1	3	0	20	0	0	0	20
10000	T-shirt print	T-shirt print Black-S	BLACK	S		WEST	AWESOME	WOMEN	2	30	20	1	2	3	10	0	0	0	10
10000	T-shirt print	T-shirt print Black-M	BLACK	M		MAIN	AWESOME	WOMEN	2	98	40	2	5	5	20	0	10	0	20
10000	T-shirt print	T-shirt print Black-M	BLACK	M		WEST	AWESOME	WOMEN	2	35	25	2	3	2	10	0	5	0	10
10000	T-shirt print	T-shirt print Black-L	BLACK	L		MAIN	AWESOME	WOMEN	2	100	40	2	3	5	20	0	15	5	25
10000	T-shirt print	T-shirt print Black-L	BLACK	L		WEST	AWESOME	WOMEN	2	25	25	1	2	0	10	0	0	2	12
10000	T-shirt print	T-shirt print Black-XL	BLACK	XL		MAIN	AWESOME	WOMEN	2	100	20	1	1	0	20	0	0	3	23
10000	T-shirt print	T-shirt print Black-XL	BLACK	XL		WEST	AWESOME	WOMEN	2	20	15	0	1	0	5	0	0	1	6
10000	T-shirt print	T-shirt print Black-XXL	BLACK	XXL		MAIN	AWESOME	WOMEN	2	50	0	0	0	0	10	0	0	0	10
10000	T-shirt print	T-shirt print Black-XXL	BLACK	XXL		WEST	AWESOME	WOMEN	2	0	5	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XXS	BLUE	XXS		MAIN	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XXS	BLUE	XXS		WEST	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XS	BLUE	XS		MAIN	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XS	BLUE	XS		WEST	AWESOME	WOMEN	2	10	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Blue-S	BLUE	S		MAIN	AWESOME	WOMEN	2	0	0	0	0	2	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-S	BLUE	S		WEST	AWESOME	WOMEN	2	18	5	0	1	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Blue-M	BLUE	M		MAIN	AWESOME	WOMEN	2	0	0	0	0	3	0	0	5	0	0
10000	T-shirt print	T-shirt print Blue-M	BLUE	M		WEST	AWESOME	WOMEN	2	27	5	1	2	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Blue-L	BLUE	L		MAIN	AWESOME	WOMEN	2	0	0	0	0	2	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-L	BLUE	L		WEST	AWESOME	WOMEN	2	18	5	0	1	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Blue-XL	BLUE	XL		MAIN	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	4	4
10000	T-shirt print	T-shirt print Blue-XL	BLUE	XL		WEST	AWESOME	WOMEN	2	10	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Blue-XXL	BLUE	XXL		MAIN	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XXL	BLUE	XXL		WEST	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-XXS	RED	XXS		MAIN	AWESOME	WOMEN	2	20	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Red-XXS	RED	XXS		WEST	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-XS	RED	XS		MAIN	AWESOME	WOMEN	2	40	0	0	0	0	4	0	0	0	4
10000	T-shirt print	T-shirt print Red-XS	RED	XS		WEST	AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-S	RED	S		MAIN	AWESOME	WOMEN	2	38	5	0	2	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-S	RED	S		WEST	AWESOME	WOMEN	2	0	0	0	0	2	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-M	RED	M		MAIN	AWESOME	WOMEN	2	39	10	1	2	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-M	RED	M		WEST	AWESOME	WOMEN	2	0	0	0	0	1	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-L	RED	L		MAIN	AWESOME	WOMEN	2	39	10	1	0	0	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-L	RED	L		WEST	AWESOME	WOMEN	2	0	0	0	0	1	0	0	0	0	0

The totals are shown per item variant and location. The item availability is sorted per item variant. In the header you also see which filters are set.

2.2.3 Example 3:

In case the fields “Totals per Location” and “Sorting per Location” are both not set, the following is shown in the Item Availability Plan:

Item No. *	Item Description	Description variant	Color Code	Size Code	2nd Size Code	Location Code †	Brand Code	Gender Code	Delivery Drop Code	Inventory	Purchase Order	Sales Return Order	Incoming Transfer	In Transit	Sales Order	Outgoing Transfer	Assembly Order	Assembly Component	Gross Requirement
10000	T-shirt print	T-shirt print Black-XXS	BLACK	XXS			AWESOME	WOMEN	2	50	5	0	0	0	10	0	0	0	10
10000	T-shirt print	T-shirt print Black-XS	BLACK	XS			AWESOME	WOMEN	2	118	20	0	2	2	25	0	0	0	25
10000	T-shirt print	T-shirt print Black-S	BLACK	S			AWESOME	WOMEN	2	127	40	2	5	3	30	0	0	0	30
10000	T-shirt print	T-shirt print Black-M	BLACK	M			AWESOME	WOMEN	2	133	65	4	8	7	30	0	15	0	30
10000	T-shirt print	T-shirt print Black-L	BLACK	L			AWESOME	WOMEN	2	125	65	3	5	5	30	0	15	7	37
10000	T-shirt print	T-shirt print Black-XL	BLACK	XL			AWESOME	WOMEN	2	120	35	1	2	0	25	0	0	4	29
10000	T-shirt print	T-shirt print Black-XXL	BLACK	XXL			AWESOME	WOMEN	2	50	5	0	0	0	10	0	0	0	10
10000	T-shirt print	T-shirt print Blue-XXS	BLUE	XXS			AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Blue-XS	BLUE	XS			AWESOME	WOMEN	2	10	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Blue-S	BLUE	S			AWESOME	WOMEN	2	18	5	0	1	2	5	0	0	0	5
10000	T-shirt print	T-shirt print Blue-M	BLUE	M			AWESOME	WOMEN	2	27	5	1	2	3	5	0	5	0	5
10000	T-shirt print	T-shirt print Blue-L	BLUE	L			AWESOME	WOMEN	2	18	5	0	1	2	5	0	0	0	5
10000	T-shirt print	T-shirt print Blue-XL	BLUE	XL			AWESOME	WOMEN	2	10	0	0	0	0	2	0	0	4	6
10000	T-shirt print	T-shirt print Blue-XXL	BLUE	XXL			AWESOME	WOMEN	2	0	0	0	0	0	0	0	0	0	0
10000	T-shirt print	T-shirt print Red-XXS	RED	XXS			AWESOME	WOMEN	2	20	0	0	0	0	2	0	0	0	2
10000	T-shirt print	T-shirt print Red-XS	RED	XS			AWESOME	WOMEN	2	40	0	0	0	0	4	0	0	0	4
10000	T-shirt print	T-shirt print Red-S	RED	S			AWESOME	WOMEN	2	38	5	0	2	2	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-M	RED	M			AWESOME	WOMEN	2	39	10	1	2	1	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-L	RED	L			AWESOME	WOMEN	2	39	10	1	0	1	5	0	0	0	5
10000	T-shirt print	T-shirt print Red-XL	RED	XL			AWESOME	WOMEN	2	40	5	0	0	0	4	0	0	0	4
10000	T-shirt print	T-shirt print Red-XXL	RED	XXL			AWESOME	WOMEN	2	20	0	0	0	0	2	0	0	0	2

The totals are shown per item variant and over all the (filtered) locations. In the lines of the Item Availability Plan the field “Location Code” is left empty. In the header you also see which filters are set (because you see totals over all the locations, the location filter is shown in this case too).

When you calculate the plan and you set the field “Including Quantity in Prepack” the following columns are shown in the Item Availability Plan:

Item No. *	Item Description	Color Code	Size Code	2nd Size Code	Location Code †	Prepack Quantity	Quantity in Prepacks	Inventory
10000	T-shirt print	BLACK	XXS		MAIN	0	0	50
10000	T-shirt print	BLACK	XS		MAIN	8	12	98
10000	T-shirt print	BLACK	S		MAIN	10	24	97
10000	T-shirt print	BLACK	M		MAIN	12	32	96
10000	T-shirt print	BLACK	L		MAIN	10	28	100
10000	T-shirt print	BLACK	XL		MAIN	8	16	100
10000	T-shirt print	BLACK	XXL		MAIN	6	8	50
10000	T-shirt print	BLUE	XXS		MAIN	0	0	0
10000	T-shirt print	BLUE	XS		MAIN	10	13	0
10000	T-shirt print	BLUE	S		MAIN	12	26	0
10000	T-shirt print	BLUE	M		MAIN	14	33	0
10000	T-shirt print	BLUE	L		MAIN	12	31	0
10000	T-shirt print	BLUE	XL		MAIN	10	18	0
10000	T-shirt print	BLUE	XXL		MAIN	8	11	0

In the field “Prepack Quantity” the accumulated inventory of the prepacks are shown. When you click on the number a drill down is opened with the inventory per prepack. For example, when you click on ‘12’ in the field “Prepack Quantity” for item 10000, color BLACK, size M, location MAIN the following is shown:

Prepack Items

Reminder: your work date is 4/28/2021 Use today | Change to... | Turn off reminder

Search Open in Excel

Item No. *	Item Description	Inventory
10000PPK	T-shirt print	6
10000RC0001	T-shirt print	4
<u>10000RC0002</u>	T-shirt print	2

This means that item 10000, color BLACK, size M is used in 3 prepacks:

- 10000PPK
- 10000RC0001
- 10000RC0002

There are 6 pieces of prepack 10000PPK in inventory, 4 pieces of prepack 10000RC0001 in inventory and 2 pieces of prepack 10000RC0002 in inventory in location MAIN.

In the field “Quantity in Prepacks” the number of pieces of the item variant that is in inventory in the prepacks is shown. When you click on the number a drill down is opened with the inventory of the item variant in a prepack. For example, when you click on ‘32’ in the field “Prepack Quantity” for item 10000, color BLACK, size M, location MAIN the following is shown:

Prepack Items

Reminder: your work date is 4/28/2021 Use today | Change to... | Turn off reminder

Search Open in Excel

Item No. *	Item Description	Inventory	Quantity in Prepack	Total Inventory in Prepack
10000PPK	T-shirt print	6	2	12
10000RC0001	T-shirt print	4	3	12
<u>10000RC0002</u>	T-shirt print	2	4	8

The shown prepacks and the inventory per prepack is the same as described above for the field “Prepack Quantity”.

The Prepack Content for item 10000, color BLACK, size M is as following:

- 10000PPK: Quantity = 2
- 10000RC0001: Quantity = 3
- 10000RC0002: Quantity = 4

The quantity of item 10000, color BLACK, size M in inventory in prepacks = $(2 * 6) + (3 * 4) + (4 * 2) = 12 + 12 + 8 = 32$.

When you calculate the plan and you set the field “Including Prepack Items” the prepacks belonging to the filtered items are shown too:

Item Availability Plan

Reminder: your work date is 4/28/2021 Use today | Change loc... | Turn off reminder

Search | Get List | Open in Excel | Actions | Fewer options

Template Name: TEMPLATES

No: 10000, Drop Shipment Filter: No Color Code: BLACK/RED/BLUE

Item No. T	Item Description	Color Code	Size Code	2nd Size Code	Location Code T	Prepack (y/n)	Prepack Quantity	Quantity in Prepacks	Inventory	Purchase Order	Sales Return Order	Incoming Transfer	In Transit	Sales Order	Outgoing Transfer	Assembly Order	Assembly Component	Gross Requirement	Scheduled Receipt	Project Availability Balance	
10000	T-shirt print	BLACK	XXS		MAIN	<input type="checkbox"/>	0	0	50	0	0	0	0	10	0	0	0	10	0		
10000	T-shirt print	BLACK	XS		MAIN	<input type="checkbox"/>	8	12	98	10	0	1	0	20	1	0	0	21	11		
10000	T-shirt print	BLACK	S		MAIN	<input type="checkbox"/>	10	24	97	20	1	3	0	20	2	0	0	22	24		
→ 10000	T-shirt print	BLACK	M		MAIN	<input type="checkbox"/>	12	32	96	40	2	5	5	20	3	10	0	23	62		
10000	T-shirt print	BLACK	L		MAIN	<input type="checkbox"/>	10	28	100	40	2	3	5	20	2	15	5	27	65		
10000	T-shirt print	BLACK	XL		MAIN	<input type="checkbox"/>	8	16	100	20	1	1	0	20	1	0	3	24	22		
10000	T-shirt print	BLACK	XXL		MAIN	<input type="checkbox"/>	6	8	50	0	0	0	0	10	0	0	0	10	0		
10000	T-shirt print	BLUE	XXS		MAIN	<input type="checkbox"/>	0	0	0	0	0	0	0	0	0	0	0	0	0		
10000	T-shirt print	BLUE	XS		MAIN	<input type="checkbox"/>	10	13	0	0	0	0	0	0	0	0	0	0	0		
10000	T-shirt print	BLUE	S		MAIN	<input type="checkbox"/>	12	26	0	0	0	0	2	0	1	0	0	1	2		
10000	T-shirt print	BLUE	M		MAIN	<input type="checkbox"/>	14	33	0	0	0	0	3	0	2	5	0	2	6		
10000	T-shirt print	BLUE	L		MAIN	<input type="checkbox"/>	12	31	0	0	0	0	2	0	1	0	0	1	2		
10000	T-shirt print	BLUE	XL		MAIN	<input type="checkbox"/>	10	18	0	0	0	0	0	0	0	0	4	4	0		
10000	T-shirt print	BLUE	XXL		MAIN	<input type="checkbox"/>	8	11	0	0	0	0	0	0	0	0	0	0	0		
10000	T-shirt print	RED	XXS		MAIN	<input type="checkbox"/>	0	0	20	0	0	0	0	2	0	0	0	2	0		
10000	T-shirt print	RED	XS		MAIN	<input type="checkbox"/>	1	2	40	0	0	0	0	4	0	0	0	4	0		
10000	T-shirt print	RED	S		MAIN	<input type="checkbox"/>	1	4	38	5	0	2	0	5	0	0	0	5	7		
10000	T-shirt print	RED	M		MAIN	<input type="checkbox"/>	1	4	39	10	1	2	0	5	0	0	0	5	13		
10000	T-shirt print	RED	L		MAIN	<input type="checkbox"/>	1	4	39	10	1	0	0	5	0	0	0	5	11		
10000	T-shirt print	RED	XL		MAIN	<input type="checkbox"/>	1	2	40	5	0	0	0	4	0	0	0	4	5		
10000	T-shirt print	RED	XXL		MAIN	<input type="checkbox"/>	1	2	20	0	0	0	0	2	0	0	0	2	0		
10000PK	T-shirt print		XXS		MAIN	<input checked="" type="checkbox"/>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10000PK	T-shirt print		XS		MAIN	<input checked="" type="checkbox"/>	0	0	2	0	0	0	0	1	0	0	0	1	0	0	
10000PK	T-shirt print		S		MAIN	<input checked="" type="checkbox"/>	0	0	4	1	0	0	0	3	0	0	0	3	1	0	
10000PK	T-shirt print		M		MAIN	<input checked="" type="checkbox"/>	0	0	6	2	0	0	0	5	0	0	0	5	2	0	
10000PK	T-shirt print		L		MAIN	<input checked="" type="checkbox"/>	0	0	4	3	0	0	0	3	0	0	0	3	3	0	
10000PK	T-shirt print		XL		MAIN	<input checked="" type="checkbox"/>	0	0	2	2	0	0	0	1	0	0	0	1	2	0	
10000PK	T-shirt print		XXL		MAIN	<input checked="" type="checkbox"/>	0	0	0	1	0	0	0	0	0	0	0	0	1	0	
10000RC001	T-shirt print	BLACK			MAIN	<input checked="" type="checkbox"/>	0	0	4	2	0	0	0	1	0	0	0	1	2	0	
10000RC001	T-shirt print	BLUE			MAIN	<input checked="" type="checkbox"/>	0	0	5	1	0	0	0	2	0	0	0	2	1	0	
10000RC001	T-shirt print	RED			MAIN	<input checked="" type="checkbox"/>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10000RC001	T-shirt print	PURPLE			MAIN	<input checked="" type="checkbox"/>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10000RC002	T-shirt print	BLACK			MAIN	<input checked="" type="checkbox"/>	0	0	2	0	0	0	0	0	0	0	0	0	0	0	
10000RC002	T-shirt print	BLUE			MAIN	<input checked="" type="checkbox"/>	0	0	3	0	0	0	0	0	0	0	0	0	0	0	
10000RC002	T-shirt print	RED			MAIN	<input checked="" type="checkbox"/>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
10000RC002	T-shirt print	PURPLE			MAIN	<input checked="" type="checkbox"/>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Item 10000 has 3 prepacks which are shown too:

- Prepack 10000PK (Prepack Type = Color)
- Prepack 10000RC001 (Prepack Type = Size)
- Prepack 10000RC002 (Prepack Type = Size)

Also, the column “Prepack (y/n)” is added. For the prepacks this field is set.

2.3 Export to Excel

You can export the Item Availability Plan to Excel by choosing Actions, Export to Excel in the ribbon. Below you see the result of the export of example 1 in chapter 1.2.1.2 Calculate Plan:

Item No.	Item Description	Description variant	Color Code	Size Code	2nd Size Code	Location Code	Brand Code	Gender Code	Delivery Drop Code	Inventory	Purchase Order	Sales Return Order	Incoming Transfer	In Transit	Sales Order	Outgoing Transfer	Assembly Order	Assembly Compon
5	T-shirt print	T-shirt print Black-XXS	BLACK	XXS		MAIN	AWESOME	WOMEN		2	50	0	0	0	0	10	0	0
6	T-shirt print	T-shirt print Black-XS	BLACK	XS		MAIN	AWESOME	WOMEN		2	98	10	0	1	0	20	0	0
7	T-shirt print	T-shirt print Black-S	BLACK	S		MAIN	AWESOME	WOMEN		2	97	20	1	3	0	20	0	0
8	T-shirt print	T-shirt print Black-M	BLACK	M		MAIN	AWESOME	WOMEN		2	98	40	2	5	5	20	0	10
9	T-shirt print	T-shirt print Black-L	BLACK	L		MAIN	AWESOME	WOMEN		2	100	40	2	3	5	20	0	15
10	T-shirt print	T-shirt print Black-XL	BLACK	XL		MAIN	AWESOME	WOMEN		2	100	20	1	1	0	20	0	0
11	T-shirt print	T-shirt print Black-XXL	BLACK	XXL		MAIN	AWESOME	WOMEN		2	50	0	0	0	0	10	0	0
12	T-shirt print	T-shirt print Blue-XXS	BLUE	XXS		MAIN	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
13	T-shirt print	T-shirt print Blue-XS	BLUE	XS		MAIN	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
14	T-shirt print	T-shirt print Blue-S	BLUE	S		MAIN	AWESOME	WOMEN		2	0	0	0	0	2	0	0	0
15	T-shirt print	T-shirt print Blue-M	BLUE	M		MAIN	AWESOME	WOMEN		2	0	0	0	0	3	0	0	5
16	T-shirt print	T-shirt print Blue-L	BLUE	L		MAIN	AWESOME	WOMEN		2	0	0	0	0	2	0	0	0
17	T-shirt print	T-shirt print Blue-XL	BLUE	XL		MAIN	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
18	T-shirt print	T-shirt print Blue-XXL	BLUE	XXL		MAIN	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
19	T-shirt print	T-shirt print Red-XXS	RED	XXS		MAIN	AWESOME	WOMEN		2	20	0	0	0	0	2	0	0
20	T-shirt print	T-shirt print Red-XS	RED	XS		MAIN	AWESOME	WOMEN		2	40	0	0	0	0	4	0	0
21	T-shirt print	T-shirt print Red-S	RED	S		MAIN	AWESOME	WOMEN		2	38	5	0	2	0	5	0	0
22	T-shirt print	T-shirt print Red-M	RED	M		MAIN	AWESOME	WOMEN		2	39	10	1	2	0	5	0	0
23	T-shirt print	T-shirt print Red-L	RED	L		MAIN	AWESOME	WOMEN		2	39	10	1	0	0	5	0	0
24	T-shirt print	T-shirt print Red-XL	RED	XL		MAIN	AWESOME	WOMEN		2	40	5	0	0	0	4	0	0
25	T-shirt print	T-shirt print Red-XXL	RED	XXL		MAIN	AWESOME	WOMEN		2	20	0	0	0	0	2	0	0
26	T-shirt print	T-shirt print Black-XXS	BLACK	XXS		WEST	AWESOME	WOMEN		2	0	5	0	0	0	0	0	0
27	T-shirt print	T-shirt print Black-XS	BLACK	XS		WEST	AWESOME	WOMEN		2	20	10	0	1	2	5	0	0
28	T-shirt print	T-shirt print Black-S	BLACK	S		WEST	AWESOME	WOMEN		2	30	20	1	2	3	10	0	0
29	T-shirt print	T-shirt print Black-M	BLACK	M		WEST	AWESOME	WOMEN		2	35	25	2	3	2	10	0	5
30	T-shirt print	T-shirt print Black-L	BLACK	L		WEST	AWESOME	WOMEN		2	25	25	1	2	0	10	0	0
31	T-shirt print	T-shirt print Black-XL	BLACK	XL		WEST	AWESOME	WOMEN		2	20	15	0	1	0	5	0	0
32	T-shirt print	T-shirt print Black-XXL	BLACK	XXL		WEST	AWESOME	WOMEN		2	0	5	0	0	0	0	0	0
33	T-shirt print	T-shirt print Blue-XXS	BLUE	XXS		WEST	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
34	T-shirt print	T-shirt print Blue-XS	BLUE	XS		WEST	AWESOME	WOMEN		2	10	0	0	0	0	2	0	0
35	T-shirt print	T-shirt print Blue-S	BLUE	S		WEST	AWESOME	WOMEN		2	18	5	0	1	0	5	0	0
36	T-shirt print	T-shirt print Blue-M	BLUE	M		WEST	AWESOME	WOMEN		2	27	5	1	2	0	5	0	0
37	T-shirt print	T-shirt print Blue-L	BLUE	L		WEST	AWESOME	WOMEN		2	18	5	0	1	0	5	0	0
38	T-shirt print	T-shirt print Blue-XL	BLUE	XL		WEST	AWESOME	WOMEN		2	10	0	0	0	0	2	0	0
39	T-shirt print	T-shirt print Blue-XXL	BLUE	XXL		WEST	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
40	T-shirt print	T-shirt print Red-XXS	RED	XXS		WEST	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
41	T-shirt print	T-shirt print Red-XS	RED	XS		WEST	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
42	T-shirt print	T-shirt print Red-S	RED	S		WEST	AWESOME	WOMEN		2	0	0	0	0	2	0	0	0
43	T-shirt print	T-shirt print Red-M	RED	M		WEST	AWESOME	WOMEN		2	0	0	0	0	1	0	0	0
44	T-shirt print	T-shirt print Red-L	RED	L		WEST	AWESOME	WOMEN		2	0	0	0	0	1	0	0	0
45	T-shirt print	T-shirt print Red-XL	RED	XL		WEST	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0
46	T-shirt print	T-shirt print Red-XXL	RED	XXL		WEST	AWESOME	WOMEN		2	0	0	0	0	0	0	0	0

From here you can print the Item Availability Plan.

3. Technical remarks

As you can see in chapter General, the Item Availability Plan is made up of three parts. I added events (also in the creation of the Excel sheet) that a partner can add (customer specific) fields

- between part 1 and part 2
- between part 2 and part 3
- after part 3

The calculation of the Projected Available Balance is not correct everywhere. Microsoft is looking at it. After they changed it, we can change the code too, so it will be the same value everywhere in the system.