

A man with a beard, wearing safety glasses and white gloves, is working on a production line in a factory. He is wearing a white lab coat. The background shows industrial equipment and bright lights.

yaveon

Yaveon 365 Manufacturing

Software for
Production Scheduling

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Microsoft
Partner

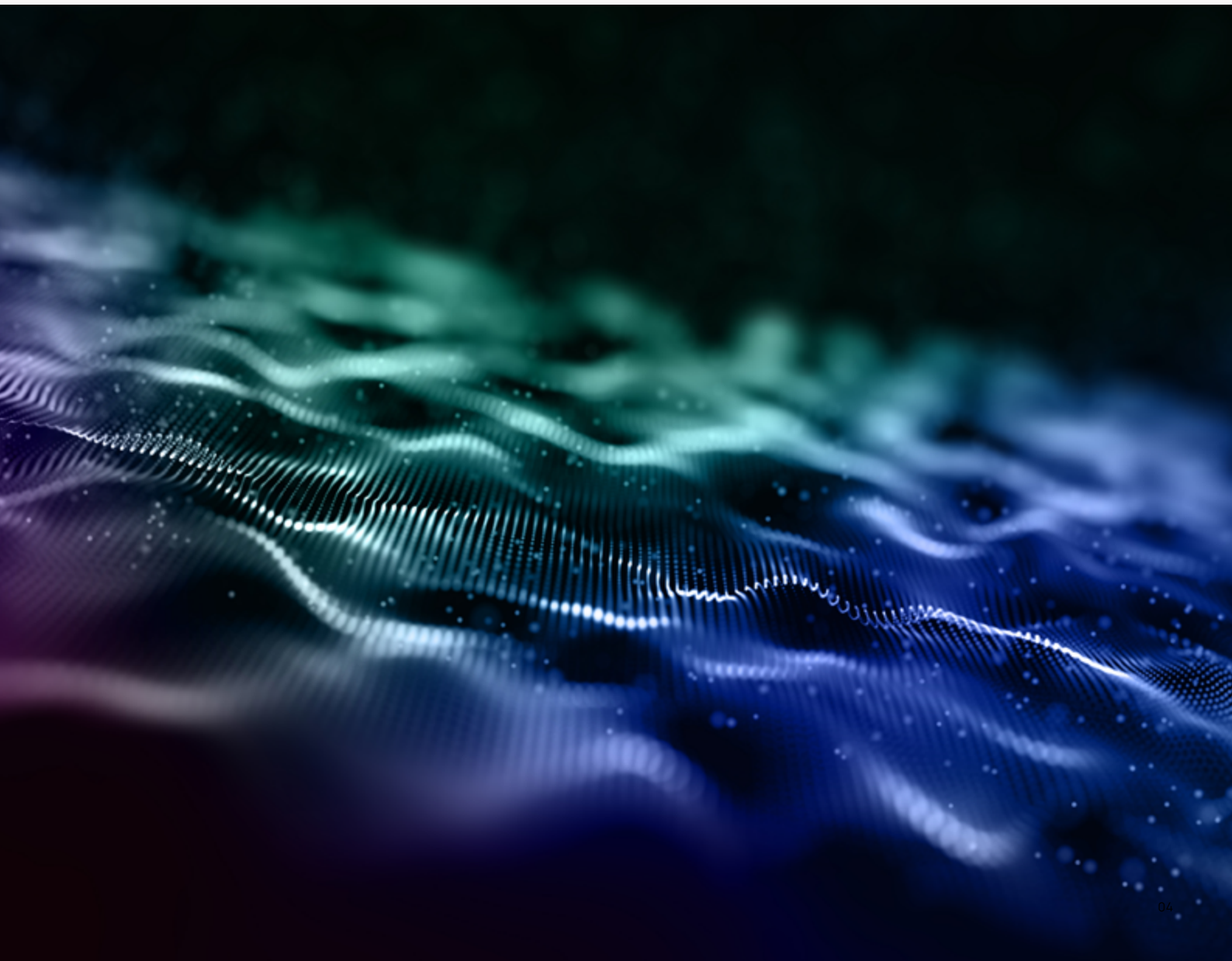
Everything at a Glance.

Product

- Product: ERP
- Basis: Microsoft Dynamics 365 Business Central
- Company size: Small and medium-sized companies
- Industries: Chemicals, pharmaceuticals, biotechnology, cosmetics, food, medical technology

The Three Most Important Advantages:

- Automation: Automated processes to reduce workload and errors while saving time.
- Safety: Manufacturing specifications ensure safe and convenient data processing.
- Overview: The Production Planning and Control Center displays all relevant information about every process step.



How Does This Work Exactly?

The Features.

Manufacturing Specifications

Manufacturing Specifications link the bill of material with the routing for an item and guarantee safe and convenient data handling. It details the components, and their quantities, process steps, processing order, and the processing time for the manufacturing of a finished product on just one page. Lot data can also be defined, such as lot number, status, expiration date, or lot features to be passed on from the component to the finished product during production.

Filling and Decanting

Yaveon 365 Manufacturing facilitates filling items, i.e. when filling or decanting a bulk product into different container sizes. You can easily create filling items for a specific bulk product. You can set up templates to assign a unique number for filling items, and you can also define the data to be inherited from bulk item to filling item. Additionally, the system automatically generates the necessary manufacturing specification and then supports you in producing (filling or decanting) the items.

Output Tolerances

In the context of the actual report of the finished products, the quantity deviation can be simplified by defining permissible tolerances for over- and underproduction.

MANUFACTURING SPECIFICATION HEADER

E1100002 · 0002

Copy... Create a new Version Print... Features More options

General Show more

No.	E1100002	To Lot Size	0
Version Code	0002	Default Manufacturing Specification	Yes
Item No.	E1100002	Status	Certified
Description	YAVIPROFEN bulk	Location Code	MUNICH
Description 2	Active Ingredients	Bin Code	PROD
Unit of Measure Code	KG	Responsibility Center	
From Lot Size	0	Recipe Quantity (Percent)	100

Lines Manage More options

Type	No.	Part of Recipe	Description	Quantity per	Proportion %	Unit of Measure Code	Filler Proport.	From the same Lot	Lot No. Inh.	Expirat. Date Inherita...	Status Inher...	Feat. Inh...	Location Code	Bin Code
→ Work Center	APG-100	☐	Weigh In	0	0		0	☐	☐	☐	☐	☐	MUNICH	
Item	E1200000	☒	Syloid	0.55	55	KG	0	☐	☐	☐	☐	☐	MUNICH	PROD
Item	E1200001	☒	Ethanol	0.27	27	KG	0	☐	☐	☐	☐	☐	MUNICH	PROD
Item	E1200003	☒	Pure water	0.16	16	KG	100	☐	☐	☐	☐	☐	MUNICH	PROD
Item	E1200004	☒	API YAVIPROFEN	0.02	2	KG	0	☐	☐	☐	☐	☐	MUNICH	PROD
Work Center	APG-900	☐	Quality Control	0	0		0	☐	☐	☐	☐	☐	MUNICH	

Manufacturing Specifications

MANUFACTURING SPECIFICATION HEADER

E1100002 · 0002

Copy... Create a new Version Print... Features More options

General Show more

No.	E1100002	Unit of Measure Code	KG	Location Code	MUNICH
Version Code	0002	From Lot Size	0	Bin Code	PROD
Item No.	E1100002	To Lot Size	0	Responsibility Center	
Description	YAVIPROFEN bulk	Default Manufacturing Specification	Yes	Recipe Quantity (Percent)	100
Description 2	Active Ingredients	Status	Certified		

Lines Manage More options

Type	Routing Line Code	General No.	Material Provision	No.	Def. Part	Part of Recipe	Component Type	Description	Quantity per	Proportion %	Unit of Measure Code	Filler Proport.	From the same Lot	Lot No. Inh.	Expirat. Date Inherita...	Status Inher...	Feat. Inh...	Location Code	Bin Code	Setup Time
→ Work Center	010			APG-100	☐	☐		Weigh In	0	0		0	☐	☐	☐	☐	☐	MUNICH		
Item	010			E1200000	☐	☒	Prod. Order Quantity dependent	Syloid	0.55	55	KG	0	☐	☐	☐	☐	☐	MUNICH	PROD	
Item	010			E1200001	☐	☒	Prod. Order Quantity dependent	Ethanol	0.27	27	KG	0	☐	☐	☐	☐	☐	MUNICH	PROD	
Item	010			E1200003	☐	☒	Prod. Order Quantity dependent	Pure water	0.16	16	KG	100	☐	☐	☐	☐	☐	MUNICH	PROD	
Item	010			E1200004	☐	☒	Prod. Order Quantity dependent	API YAVIPROFEN	0.02	2	KG	0	☐	☐	☐	☐	☐	MUNICH	PROD	
Work Center	020			APG-900	☐	☐		Quality Control	0	0		0	☐	☐	☐	☐	☐	MUNICH		

Miscellaneous >

PROD1 PROD14

Manufacturing Specifications

ITEMS

Search + New Manage Process Rep

No. #	Traffic Light	Description
3000008		Raw Material (G
3000009		
3000010		Bulk Pilaro
3000010_25KG		Filling Item 25k
3000011		Container SN P
3000012		textile
C1000001		YAVICOLOUR bl
C1000001_1000L		YAVICOLOUR bl
C1000002		YAVICOLOUR re
C1000003		YAVICOLOUR bl
C1000003_200L		YAVICOLOUR bl
C1000003_500L		YAVICOLOUR bl
C1100001		Raw Material 00001
C1100002		Raw Material 00002
C1100003		Raw Material 00003
C1300001		Container 1000kg IBC
C1300002		Container 500 kg
C1300003		Container 200 kg

MANUFACTURING SPECIFICATION H.L.

C1000001_1000L · 0001

Copy... Create a new Version Print... Features More options

General > C1000001_1000L 0001 C1000001_1000L

Lines Manage More options

Type	No.	Part of Red...	Component Type	Description	Quantity per	Proportio
⇒ Work Center	APG-320	☐		Filling (to 1000 kg)	0	
Item	C1000001	☒	Prod. Order...	YAVICOLOUR blue	1	
Item	C1300001	☐	Prod. Order...	Container 1000kg IBC	0,001	
Item	C1300010	☐	Prod. Order...	Label	0,002	

Miscellaneous > F00070 A00017

Item Details - Planning

Item No.	C1000001_1000L
Reordering Policy	
Reorder Point	0
Reorder Quantity	0
Maximum Inventory	0

Filling Item

Merge and Split, Move Production Orders

During production preparation, additional functions have been added to merge or split orders or move them manually.

Detail Planning

The sequence planning and a setup time matrix can be used to reschedule the production program in the event of a bottleneck. An algorithm for optimization assists the planning process and can be freely defined by the user.

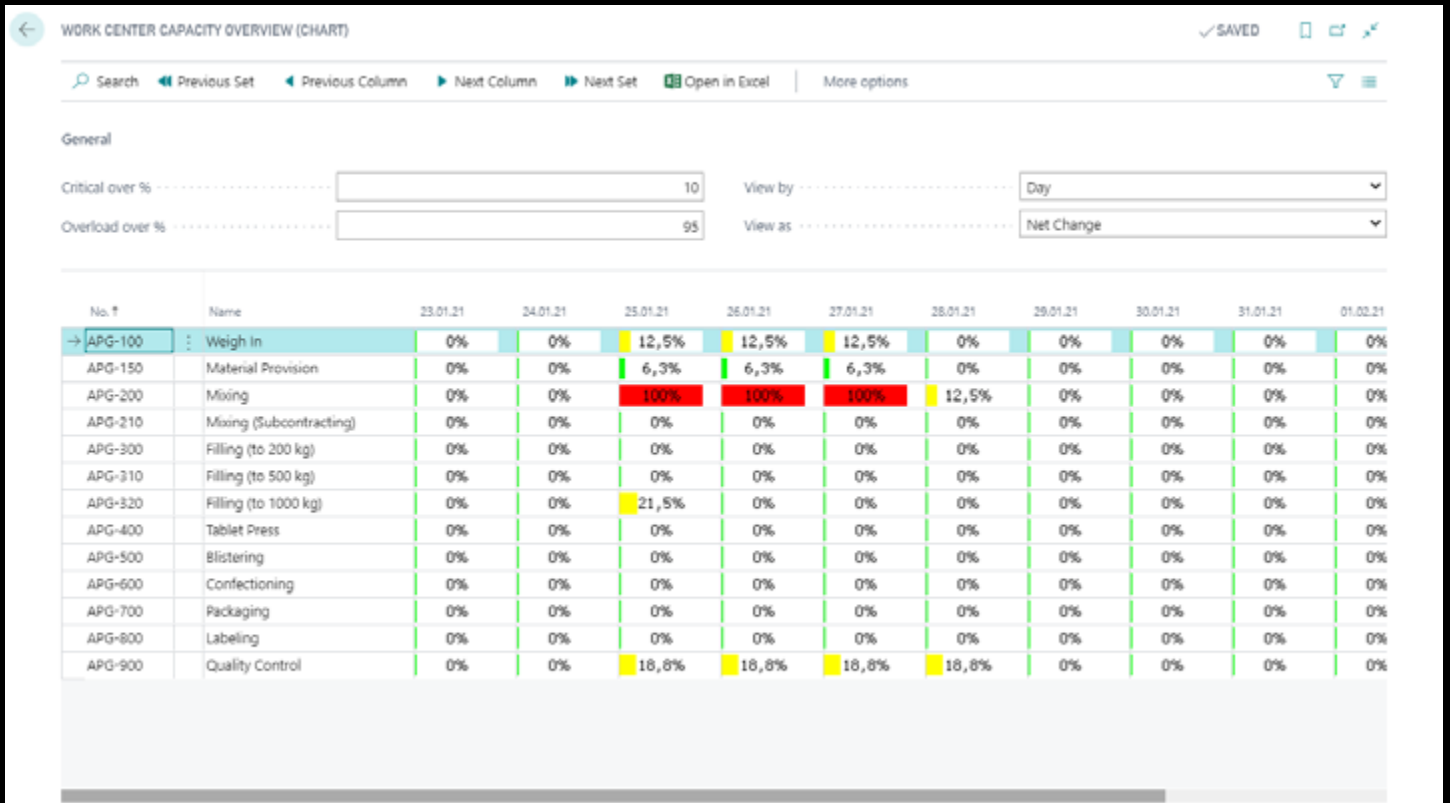
Production Planning

The Production Planning and Control Center displays all relevant information about every process step.

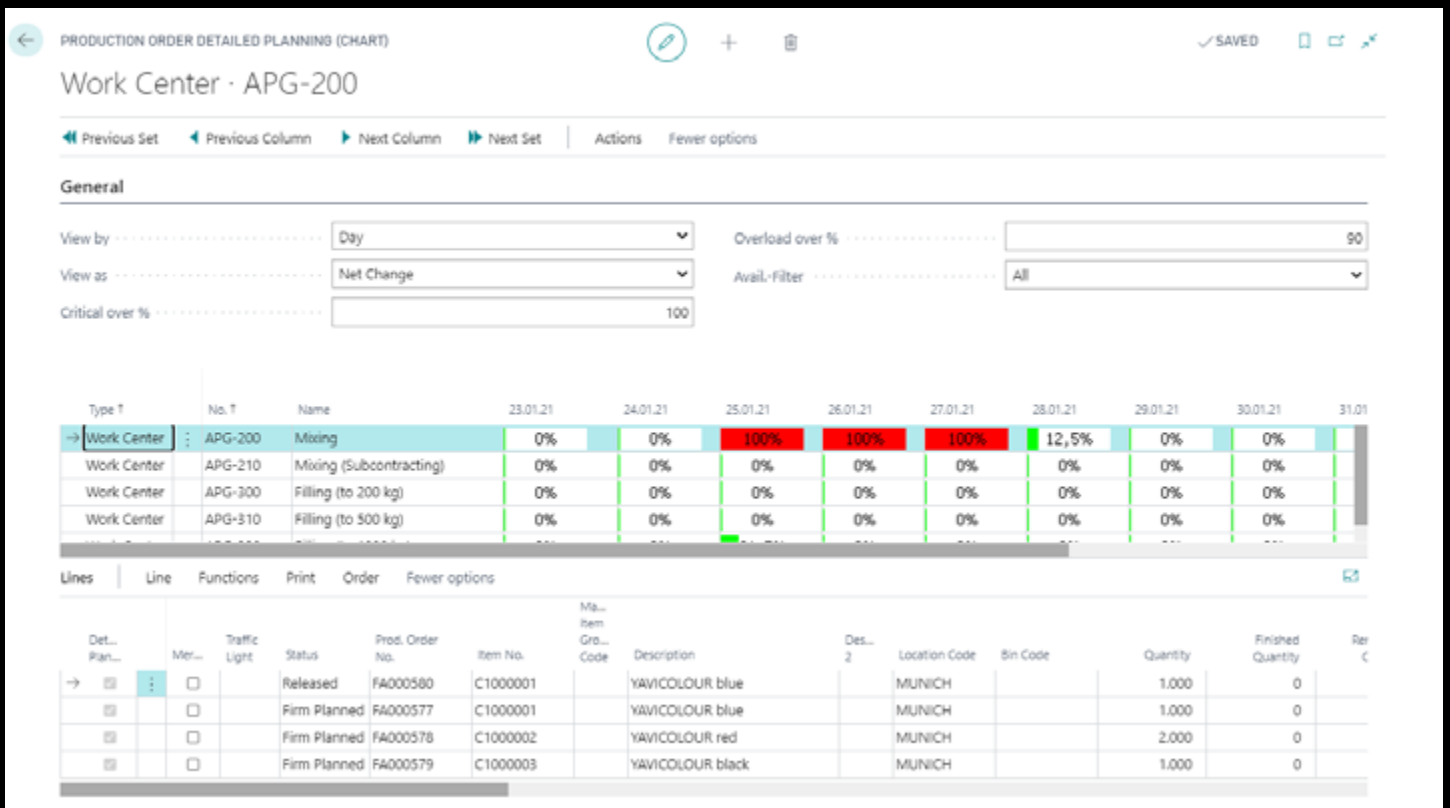
Active Ingredient Management

Characteristics can be used in the Manufacturing Specification to calculate the feature value. The values can be determined using formulas in just a few steps.

In the Production Order, Active Ingredient Management adjusts the quantities of the active ingredient and all fillers according to the actual potency values of a lot. If the raw ingredient is of a higher quality than required in the recipe, the quantity can be reduced. Or, alternatively, it may be necessary to use more of an ingredient than stated in the recipe because the lot features are inferior.



Work Center Capacity Overview



Work Center

Yaveon 365 Base

Set Up [Traffic Light Rules](#) for Tables

Red, yellow, green - we all know the traffic light principle. In the Base app, the colors make your life easier by acting as a visual reinforcement.

Define traffic light rules that change the colors based on values. For example, you can specify that fully delivered sales orders are indicated in green, while undelivered orders are indicated in red. Select the rules in the list view to highlight records.

You can set up the traffic light rules for the following tables:

- Items
- Vendors
- Customers
- Inventory Summary
- Purchase Lines
- Sales Lines

Set Up [Extended Texts](#)

Whether for master data or purchase and sales documents: Define extended texts for accounts payable, customers, G/L accounts, items, and resources. You want an automatic transfer to purchase and sales documents? No problem. Discover even more benefits by using extended texts in other Yaveon apps, for example, Research and Development, Warehouse Management, Sales & Purchase, and Quality Assurance.

Set Up [Master Data Features](#)

Assign features with a specific value to an item. You can also set up features whose value is calculated via a formula based on the values of other features. Do you want to search for items with specific features? Just use the feature search. You can filter an item list so that only the items that match the criterion are displayed. For even more benefits, combine the function with other Yaveon apps, for example, Quality Assurance and Manufacturing.

Set Up a [Corporate Design](#) for Your Documents

Choose the layout that suits your company best and use it for diverse purchase, sales, and stock transfer documents.

Do you need the edited document in another language? No problem. Simply choose from the languages assigned to the labels for fields and columns and add document and field names. With one click, the finished document is ready. To add information, choose which columns and fields to print on the document.

If you don't like the order of the columns, just change them according to your preference. For even more benefits, extend the function for other Yaveon apps, for example, Trade, HazMat Connect, Warehouse Management, Manufacturing, and Lot Management.

Get an Overview With the [Inventory Summary](#)

With the Inventory Summary, you always have an overview of the current inventory - sorted by item, batch, location, and storage space.

Would you like an up-to-date status report of your inventory? You've got it - because all of the information about your inventory is in one place and is automatically updated with every posting. It is your information center for warehouse managers, clerks, and production planners.

For even more benefits, add columns for other Yaveon apps, for example, Lot Management, Warehouse Management, Manufacturing und HazMat Connect.

Extend the [Authorization Management](#) of Microsoft Dynamics 365 Business Central

Do you want to combine permission sets in the system and even be able to exclude certain rights? With Permission Set Management, this is possible.

Corporate Design Setup

Permission Set Management



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