

A close-up photograph of a person's hands typing on a laptop keyboard. The background is a blurred, futuristic digital environment with glowing blue and orange bokeh lights, suggesting a high-tech or data-driven setting. The Yaveon logo is in the top left corner.

yaveon

Yaveon 365 Plant Data Acquisition

Plant Data Acquisition
in Business Central

[Content]

01	Everything at a Glance.	04
02	How Does This Work Exactly? The Features.	05
03	Yaveon 365 Base	08

Microsoft
Partner

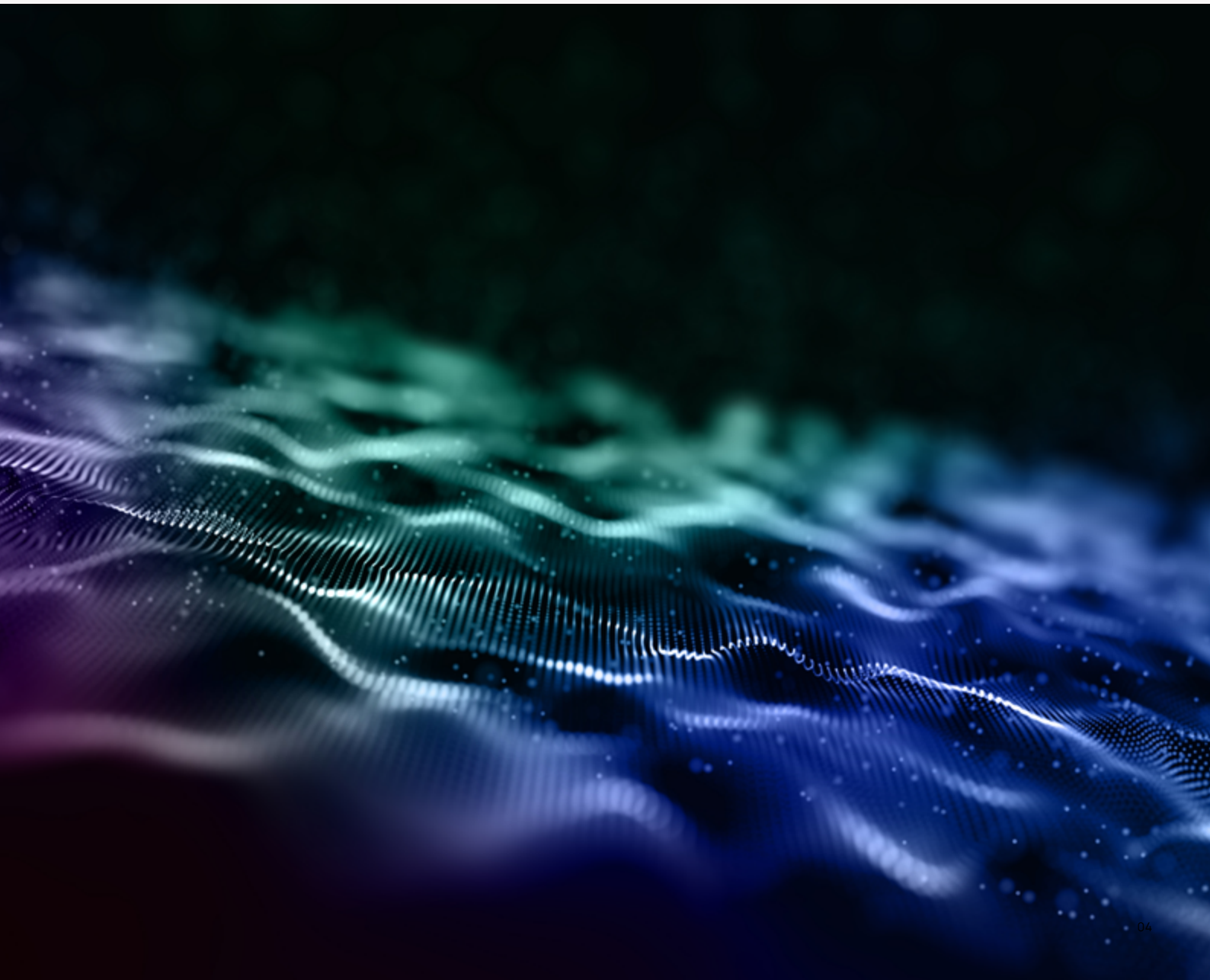
Everything at a Glance.

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 Four Most Important Advantages:

- Intuitive recording of start and end time
- Tracking of interruptions of the work process
- Automatic consideration of break times
- Recording of times for parallel running operations



How Does This Work Exactly?

The Features.

Intuitive Time Tracking

With the Yaveon 365 Plant Data Acquisition app, you can say goodbye to scribbled timesheets, duplicate entries, and inaccurate logging. You can enter and post the setup and processing times of each step of the production order entirely digitally. In doing so, you increase data quality, while reducing complexity and avoiding processing error. An additional time tracking software? You don't need it anymore. You can keep a close track of costs due to the up-to-date data and dramatically improved data quality, enabling you to plan with pinpoint accuracy. This provides the foundation for the optimization of your forecast.

Everything at a Glance

The PDA Control Panel serves as an overview of all your production operations, and time tracking can be performed centrally there. In addition, employees can report operational data directly at the production site. The system can also perform an optional check before the times are posted.

The automatic reference to the calendar and predetermined break times makes the system easier to use while reducing calculation errors.

Alongside the automatic calculation of break times, other standard scenarios are covered by the solution, such as the recording of parallel operations.

What if the work is interrupted? The system quickly and easily captures these disruptions. In addition to the standard start and end times, the system also allows the recording of interruptions in the work process quickly and easily.

Once the time has been tracked, it can be posted directly or undergo an optional extra check. The posting is performed in accordance with the standard of capacity ledger entries per production operation.

Dynamics 365 Business Central

PDA Calendar Working Days

✓ Saved

Search + New Edit List Delete Open in Excel

Day ↑	Starting Time ↑	Ending Time
→ Monday	7:00:00 AM	9:00:00 AM
Monday	9:15:00 AM	12:00:00 PM
Monday	12:30:00 PM	2:30:00 PM
Monday	2:45:00 PM	4:00:00 PM
Tuesday	7:00:00 AM	9:00:00 AM
Tuesday	9:15:00 AM	12:00:00 PM
Tuesday	12:30:00 PM	2:30:00 PM
Tuesday	2:45:00 PM	4:00:00 PM
Wednesday	7:00:00 AM	9:00:00 AM
Wednesday	9:15:00 AM	12:00:00 PM
Wednesday	12:30:00 PM	2:30:00 PM
Wednesday	2:45:00 PM	4:00:00 PM
Thursday	7:00:00 AM	9:00:00 AM
Thursday	9:15:00 AM	12:00:00 PM
Thursday	12:30:00 PM	2:30:00 PM
Thursday	2:45:00 PM	4:00:00 PM
Friday	7:00:00 AM	9:00:00 AM
Friday	9:15:00 AM	12:00:00 PM

Backup

PDA Calendar

Search + New Edit List Delete PDA Calendar Working Days Open in Excel ...

Code ↑	Description
→ 01	Normal Shift
02	Normal + Late Shift
03	Night Shift

PDA Confirmation List

Search Open in Excel

Entry No.	Action Code ↑	Entry Type	Error Type	Status	Messa... Text	Confirmation Accumulation Entry No.	End... Aut...	Mobile User Code	Posting Date	Posting Time	Duration (Min.)
19	S-ST/E-C	Start		Processed		11	☐		11/26/2021	11:00:00 AM	
20	S-ST/E-C	Break Start		Processed		11	☐		11/26/2021	11:45:00 AM	
21	S-ST/E-C	Break End		Processed		11	☐		11/26/2021	12:00:00 PM	

Time Tracking

Dynamics 365 Business Central

PB365 PDA Mobile Confirmation

Duration Start End Back Post... Actions Fewer options

Action

Prod. Order No. FA000594

Prod. Order Line No. 10000

Item No. C1000001

Description YAVICOLOUR blue

Quantity

Unit of Measure L

Operation No. 030

Description Mixing

Action Code

Display Description

Confirmation Status

Entry Type

Duration (Min.)

Creation Date

Creation Time

Dynamics 365 Business Central

PDA Control Panel

Search Duration Start End Break Start Break End Confirmations Confirmation Accumulation

Prod. Order No. 1	Routing Reference No. 1	Operation No. 1	Action Code 1	Routing Type	Description	Confirmation Status 1	Non control PDA Confirm.
FA000594	10000	010	R-075-B	Run Time	Run Time Start/End	End	Yes
FA000594	10000	010	S-075-B	Setup Time	Setup Time Start/End	End	
FA000594	10000	020	R-075-B-C	Run Time	Run Time Start/End incl. Calendar	End	
FA000594	10000	020	S-075-B-C	Setup Time	Setup Time Start/End incl. Calendar	End	
FA000594	10000	030	R-075-B-C	Run Time	Run Time Start/End incl. Calendar	Start	
FA000594	10000	030	S-075-B-C	Setup Time	Setup Time Start/End incl. Calendar	Start	
FA000594	10000	040	R-DURATION	Run Time	Run Time Duration	End	Yes
FA000594	10000	040	S-DURATION	Setup Time	Setup Time Duration	End	
FA000594	10000	010	R-075-B-C	Run Time	Run Time Start/End incl. Calendar	Start	
FA000594	10000	010	S-075-B-C	Setup Time	Setup Time Start/End incl. Calendar	Start	
FA000594	10000	010	R-075-B-C	Run Time	Run Time Start/End incl. Calendar	Start	
FA000594	10000	010	S-075-B-C	Setup Time	Setup Time Start/End incl. Calendar	Start	
FA000594	10000	020	R-DURATION	Run Time	Run Time Duration	End	
FA000594	10000	020	S-DURATION	Setup Time	Setup Time Duration	End	

Mobile Capture

With the mobile client of the Yaveon 365 Scanning app, employees report operational data directly at the production site. The user-friendly display ensures efficient operation on specialized mobile devices.

The intuitive handling ensures a high level of acceptance among users - making the app a popular tool that is used on a daily basis.

What about the layout? It is optimized for the device, of course. It can be used on various devices, from handheld scanners to laptops, without installation, regardless of the operating system.

It is often used in combination with the Yaveon 365 Joint-Production app. This app provides feedback on the items and their production quantities, such as output and consumption.

Yaveon 365 Plant Data Acquisition is the ideal complement to Yaveon 365 Joint-Production and the next logical step towards digitalization.

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.

Features

Search + New Manage Card Comments Open in Excel More options

No. #	Description	Target Value	Unit of Measure Code	Data Type	Feature Type	Calcul... Feature	Calculation Formula	Rounding Type	Status	Quality Assura...	Transfer to next Level	Next Level Calc. Type	Produ...	Resear... & Devel...
DETEX	detex		GR/10000M	Decimal	MA001	☐		Nearest	Certified	☐	☒	Average	☒	☒
F000001	Labeling	OK		Option	MA017	☐		Nearest	Certified	☒	☐		☐	☐
F000002	Packaging	OK		Option	MA017	☐		Nearest	Certified	☒	☐		☐	☐
F000003	Certificate	ATTACHED		Option	MA017	☐		Nearest	Certified	☒	☐		☐	☐
F000004	Shipping Note	ATTACHED		Option	MA017	☐		Nearest	Certified	☒	☐		☐	☐
F000005	Content of active ingre...	%		Decimal	MA002	☐		Nearest	Certified	☒	☒	Average	☒	☐
F000006	PH-Value	+7.0		Decimal	MA015	☐		Nearest	Certified	☒	☐		☒	☐
F000007	Salt Content	4.00	%	Decimal	MA003	☐		Nearest	Certified	☒	☐		☒	☐
F000008	Methanol	%		Decimal	MA015	☐		Nearest	Certified	☒	☐		☒	☐
F000009	Optical rotation	0.0		Decimal	MA002	☐		Nearest	Certified	☒	☐		☒	☐
F000010	Energy kJ		KJ	Decimal	MA014	☒	F000011 + F00001...	Nearest	Certified	☒	☐		☒	☐
F000011	Fat		GR	Decimal	MA009	☐		Nearest	Certified	☒	☒	Additive	☒	☐
F000012	Sugar		GR	Decimal	MA010	☐		Nearest	Certified	☒	☒	Additive	☒	☐
F000013	Ethanol		GR	Decimal	MA015	☐		Nearest	Certified	☒	☒	Additive	☒	☐
F000014	Colour			Option	MA016	☐		Nearest	Certified	☐	☐		☒	☐
F000015	API YAVIPROFEN		MG	Decimal	MA002	☐		Nearest	Certified	☒	☒	Additive	☒	☐
F000016	Air pressure measurem...		BAR	Decimal	MA020	☐		Nearest	Certified	☒	☐		☒	☐
F000017	Zero Setting		GR	Decimal	MA020	☐		Nearest	Certified	☒	☐		☒	☐
F000018	10g		GR	Decimal	MA020	☐		Nearest	Certified	☒	☐		☒	☐

Features

Inventory Summary

Search Traffic Light Control Product Labels ProBatch Item Tracing Lot No. Info Card Item Ledger Entries Warehouse Entries Open in Excel

Traf... Light	Item No. ▼	Item Description	Lot No.	Serial No.	Location Code	Zone Code	Bin Code	Quantity (Base)	Base Unit of Meas... Code	Load Carrier No.	Load Carr... Type	Status	Date Entry
	E1200004	API YAVIPROFEN	LOT000081		BERLIN			280	KG			QUARANTINE	16.09
	E1200004	API YAVIPROFEN	LOT000103		MUNICH	RECEIVE	REC-01	1,500	KG			QUARANTINE	15.12
	E1200005	Instruction Leaflet	LOT000004		MUNICH	RM	RM-02-02-...	1,000	PCS	PAL000243	EURO	QC	08.09
	E1200005	Instruction Leaflet	LOT000004		MUNICH	RM	RM-02-02-...	1,000	PCS	PAL000244	EURO	QC	08.09
	E1200005	Instruction Leaflet	LOT000004		MUNICH	RM	RM-02-02-...	1,000	PCS	PAL000245	EURO	QC	08.09
	E1200005	Instruction Leaflet	LOT000004		MUNICH	RM	RM-02-02-...	1,000	PCS	PAL000246	EURO	QC	08.09
	E1200005	Instruction Leaflet	LOT000004		MUNICH	RM	RM-02-02-...	1,000	PCS	PAL000247	EURO	QC	08.09
	E1200005	Instruction Leaflet	LOT000004		MUNICH	RM	RM-02-02-...	1,000	PCS	PAL000248	EURO	QC	08.09
	E1200005	Instruction Leaflet	LOT000018		MUNICH	RM	RM-02-02-...	3,000	PCS			QUARANTINE	09.09
	E1200005	Instruction Leaflet	LOT000054		BERLIN			1,000	PCS			QUARANTINE	16.09
	E1200005	Instruction Leaflet	LOT000096		MUNICH	RECEIVE	REC-01	50	PCS			QUARANTINE	04.11
	E1300000	YAVINIGHT 50ml	2020703		MUNICH	SHELF	SH-01-01-02	50	PCS	PAL000205	EURO	RELEASED	01.09
	E1300000	YAVINIGHT 50ml	LOT-0069		MUNICH	PICK	KO-02-08-01	1,210	PCS			RELEASED	14.09
	E1300000	YAVINIGHT 50ml	LOT-0072		UTRECHT			6,250	PCS			RELEASED	20.09
	E1300000	YAVINIGHT 50ml	LOT-0073		BERLIN			3,125	PCS			RELEASED	20.09
	E1300000	YAVINIGHT 50ml	LOT-0074		BERLIN			1,000	PCS			QUARANTINE	16.09
	E1300001	YAVI Bears	LOT000021		MUNICH	PICK	KO-02-08-01	39,400	PCS			RELEASED	15.09
	E1300001	YAVI Bears	LOT000028		UTRECHT			60,000	PCS			RELEASED	15.09

Inventory Summary with Traffic Lights

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.

Default Language	ENG	▼
Default Date Format . . .	304	...
Example for default d... .	19. May 2021	

Line No divisor for POS

Proforma Invoice No.	Order No
----------------------	----------

Print Logo	☒	Print Blanket Sales Or...	☒
Logo alignment in do...	Right	Length of Description	0
Print Return Address	☒	Print Description 2	☒
Print Footer	☒	Print Assembly Comp...	☒
Footer height - maxi...	0	Print Tracking Inform...	☒
Doc. No. to Document	☒	PR365 Extended Text	☒

Role ID ↑	Name
BASF_ACCESS_TRAINING	Ergänzung zu SuperData
PB365 LM QP	PB Qualified Person
PB365 LM QS	PB Quality Supervisor
→ SAL-REP	Sales Representative
YAV-SUPER-DATA	YAVEON Super Data

Assigned Permission Sets Lines
Manage

Assigned Role ID ↑	Restrict Permissions	Scope ↑
D365 BASIC	☐	System
D365 SALES DOC, EDIT	☐	System
D365 SALES DOC, POST	☐	System



yaveon

Microsoft
Partner



[Contact]

+49 (931) 46 5 55 – 0
info@yaveon.com
yaveon.com

Follow us

