



yaveon

Yaveon 365 Label Connect

Cloud-Based Label Printing for Business
Central, Software & External Printing Systems

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Microsoft
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Cloud-Based Label Printing with Yaveon 365 Label Connect

Yaveon 365 Label Connect integrates Microsoft Dynamics 365 Business Central with external label printing systems such as Loftware, formerly NiceLabel. The app enables cloud-based label printing, web service integration and configurable label orchestration without custom development in Business Central.

It helps manufacturers, distributors, warehouses and logistics teams create reliable product labels, barcode labels, warehouse labels, pallet labels and shipping labels while keeping Business Central clean, scalable and maintainable.

Instead of designing and controlling labels directly inside the ERP system, Business Central provides the required business data, while the external printing system handles label design, printer control and print execution.

The result: flexible label management, automated print routing, transparent logging and scalable label printing processes for warehouse, production, logistics and distribution.



Why Choose This App?

Cloud-based label printing made simple

Outsource label printing to an external cloud-based printing system such as Loftware, formerly NiceLabel, and reduce complexity inside Microsoft Dynamics 365 Business Central.

Seamless web service and API integration

Standardized web services support a secure and future-ready connection between Business Central and external printing systems. The architecture is designed for REST API and cloud printing scenarios.

Flexible label control without programming

Control label selection dynamically by user, warehouse location, item, item group or label type. Business users can configure label behavior without custom development or programming in Business Central.

Fast setup and easy configuration

Guided setup, configurable data sources and built-in validation help teams get started quickly and reduce implementation effort.

Features in Detail

Flexible Print Management

Yaveon 365 Label Connect enables rule-based label selection and print routing directly from Business Central.

- Rule-based label selection by user, warehouse location, item, item group and label type
- Intelligent fallback to standard Business Central printing if required
- Support for external printing systems such as Loftware, formerly NiceLabel, and future print platforms
- Designed for label printing in warehouse, production, logistics and distribution processes

Configurable Data Provisioning

Define which Business Central data is sent to the external printing system without changing reports or programming in Business Central.

- Use constants, table fields and functions to define label data
- Define which Business Central data is sent to the external printing system
- Provide dynamic label data without changing reports or programming in Business Central
- Reduce dependency on RDLC or Word layouts for label design

Performance and Scalability

The app is designed to support growing label management and print automation requirements.

- Load control for mass printing scenarios
- Cloud-based processing reduces ERP workload
- Scalable architecture for automated label printing and print routing
- Designed for increasing label volumes and complex print scenarios

Configuration of label types and label codes in Business Central

Overview of label data

Integration and Testing

Connect Business Central with external printing systems through standardized web services and validate communication directly in the ERP system.

- Integration with external printing systems via standardized web services
- Validation of web service calls directly in Business Central
- Support for API-based communication in cloud-based label printing scenarios
- Improved transparency for web service requests, responses and print results
- Simplified troubleshooting during setup and operation

Future-Ready Architecture

Yaveon 365 Label Connect provides an extensible foundation for future label management and external print automation scenarios.

- Extensible solution design for upcoming features and custom enhancements
- Prepared for future label management and print automation requirements

Transparency and Traceability

Full logging helps support teams, operations and audit-related checks.

- Full logging of print processes
- Improved error analysis and troubleshooting
- Better process visibility for support and operations
- Traceable print requests, responses and results

Label Fields

✓ Saved

[Manage](#)

Delete

Label Type	Label Code	Variable Name	Type	Table No.	Table Caption	Field No.	Field Caption
Product Label	PRODUCT	ITEMNO	Table Field	5517661	Document Label Data	5	Item No.
Product Label	PRODUCT	VARIANTCODE	Table Field	5517661	Document Label Data	6	Variant Code
Product Label	PRODUCT	ITEMDESC	Table Field	5517661	Document Label Data	53	Item Description
Product Label	PRODUCT	LOTNO	Table Field	5517661	Document Label Data	15	Lot No.
Product Label	PRODUCT	SERIALNO	Table Field	5517661	Document Label Data	45	Serial No.
Product Label	PRODUCT	PACKAGENO	Table Field	5517661	Document Label Data	54	Package No.
Product Label	PRODUCT	DATEOFENTRY	Table Field	5517661	Document Label Data	51	Date of Entry
Product Label	PRODUCT	PRODDATE	Table Field	5517661	Document Label Data	55	Production Date
Product Label	PRODUCT	EXPIRATIONDATE	Table Field	5517661	Document Label Data	50	Expiration Date
Product Label	PRODUCT	EXTLOTNO	Table Field	5517661	Document Label Data	52	External Lot Number
Load Carrier Label	LOADCARRIER	NO	Table Field	5518329	Load Carrier	5	No.
Load Carrier Label	LOADCARRIER	ITEMNO	Table Field	5518329	Load Carrier	25	Item No.
Load Carrier Label	LOADCARRIER	VARIANTCODE	Table Field	5518329	Load Carrier	30	Variant Code
Load Carrier Label	LOADCARRIER	ITEMDESCR	Table Field	27	Item	3	Description
Load Carrier Label	LOADCARRIER	LOTNO	Table Field	5518329	Load Carrier	40	Lot No.
Load Carrier Label	LOADCARRIER	EXPIRATIONDATE	Table Field	5518329	Load Carrier	140	Expiration Date

Mapping of label variables to Business Central data fields

Labels

Actions

 Fewer options

ID ↓	Type	Created by	Created at	Status	Source Record ID	Report ID	Report Layout Name
→ 174	Product Label	YAVEON\FTUECKMANTEL	03.07.2026 14:09	Created	Inventory Summary: 323	0	
153	Load Carrier ...	YAVEON\FTUECKMANTEL	23.06.2026 11:40	Created	Load Carrier: PAL000062	0	
152	Load Carrier ...	YAVEON\FTUECKMANTEL	23.06.2026 11:40	Created	Load Carrier: PAL000062	0	
150	GS1	YAVEON\FTUECKMANTEL	23.06.2026 11:06	Canceled	Dispatch Order Package: Outbou...	0	
149	GS1	YAVEON\FTUECKMANTEL	23.06.2026 09:46	Canceled	Dispatch Order Package: Outbou...	0	./Dispatch/Labels/Rep_GS
147	GS1	YAVEON\FTUECKMANTEL	23.06.2026 09:45	Canceled	Dispatch Order Package: Outbou...	0	./Dispatch/Labels/Rep_GS
117	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
116	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
115	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
114	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
113	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
112	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
111	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
110	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
109	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
108	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
107	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	
106	Sample Label	YAVEON\FTUECKMANTEL	27.11.2025 11:10	Printed	Prod. Order Routing Line: Release...	0	

Centralized overview and tracking of label print jobs

Your Benefits – Clear and Understandable

01 Professional Label Design

Replace limited RDLC or Word layouts with a dedicated label designer in an external printing system such as Loftware, formerly NiceLabel.

02 More Independence for Business Users

Allow teams to design, adapt and manage labels independently without costly ERP customizations and without programming in Business Central.

03 Centralized Label Management

Manage label templates, print processes and external printing system integration in a consistent, centralized environment.

04 Reduced ERP Complexity

Shift label logic and label design out of Business Central to keep your ERP system clean, scalable and maintainable.

05 Optimized and Automated Processes

Streamline label printing, automate print routing and reduce manual steps across warehouse, production and logistics processes.

06 Improved Transparency

Full logging enables faster issue resolution, better process visibility and more reliable troubleshooting.

07 Scalable Cloud Printing

Use cloud-based processing and external print platforms to support growing label volumes and automated label printing scenarios.

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Create Test Message

📄 Send Test Message

📄 Show XML Message

General

Label Name/Labels/Product.nlbl

Printer PRT01

Data

Variable 1	ITEMNO	Value 1	C100010
Variable 2	LOTNO	Value 2	LOT000001
Variable 3	EXPIRATIONDATE	Value 3	06.07.2028
Variable 4	EXTLOTNO	Value 4	EXTLOT00001
Variable 5	PRODDATE	Value 5	06.07.2026

Create Test Message

Typical Use Cases

Yaveon 365 Label Connect supports a wide range of label printing scenarios:

- Product labels
- Warehouse labels
- Pallet labels
- Shipping labels
- Quality labels
- Cloud printing and print automation

Supported Editions

Essentials and Premium editions of Microsoft Dynamics 365 Business Central.



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