



Accelerate Business

What Sets Us Apart

DynaTech's Competitive Advantage

Backed by years of expertise and a team of skilled professionals, DynaTech Systems stands at the forefront of the IT services industry. Our extensive portfolio includes cutting-edge solutions in cloud, ERP and CRM implementation, data analytics, artificial intelligence, and more.

We prioritize long-term partnerships built on collaboration and trust, delivering innovative, scalable, and secure solutions to keep our clients ahead in a rapidly evolving landscape.



150+

Global Projects

100+

Happy Clients

450+

Expert Minds

AI – Led Microsoft Cloud Capabilities



Microsoft Cloud & Low Code



Azure
Infra



Azure
Services



Logic
Apps



Service
Bus



Event
Grid



API
Management



Synapse
Analytics



Load
Testing



Functions



Data Factory



Power
Pages



Power
Automate



Power
Apps



AI
Builder



Azure
FHIR



Agentic AI Business Applications



Sales



Finance



SCM



Project
Operations



Customer
Service



Field
Service



Customer
Insights & Marketing



Human
Resources



Commerce



Data & AI



Fabric



Copilot



Power
BI



Data
Warehouse



OneLake



Data
Lake



Data
Factory



Data
Science



Lakehouse



Real-Time
Intelligence



Data
Engineering



Dataverse



Microsoft
Purview



Databases



Azure AI
Foundry



Copilot
Studio

DynaTech Shipping Carrier Connector



- › DynaTech's Shipping Carrier Connector integrates leading global carriers directly with Dynamics 365 F&O, enabling organizations to automate, validate, and monitor shipments with accuracy and speed.

Setup & Configuration

- › Define carrier accounts, default parameters, and integration settings to enable seamless connectivity between Dynamics 365 and shipping service providers.

Shipment Initiation from Sales Order

- › Trigger shipment creation directly from a Sales Order, automatically populating customer, delivery, and item details for efficient order fulfillment.

Shipping Line Details

- › Display all line-level shipping information such as item weights, quantities, and packaging attributes associated with the selected order.

Shipment Details Form

- › Provide a centralized form to review, edit, and validate shipment data before confirmation, including carrier selection and destination details.

Rate Comparison & Estimation

- › Fetch real-time shipping rates from multiple carriers, allowing users to compare costs and estimated delivery times for optimal selection.

Confirming Charges & Pickup Scheduling

- › Confirm final freight charges and automatically schedule carrier pickups through integrated APIs, reducing manual coordination efforts.

Label Generation & Tracking ID

- › Automatically generate carrier-compliant shipping labels and assign tracking IDs for each shipment, ensuring full traceability from dispatch to delivery.

Shipment History & Tracking

- › Maintain a detailed shipment history with tracking updates, delivery confirmations, and exception notifications within Dynamics 365.

Upload Shipment Documents

- › Attach shipment-related documents such as invoices, customs forms, and proof of delivery directly to the shipment record for easy access and compliance.

Markup Rule Management

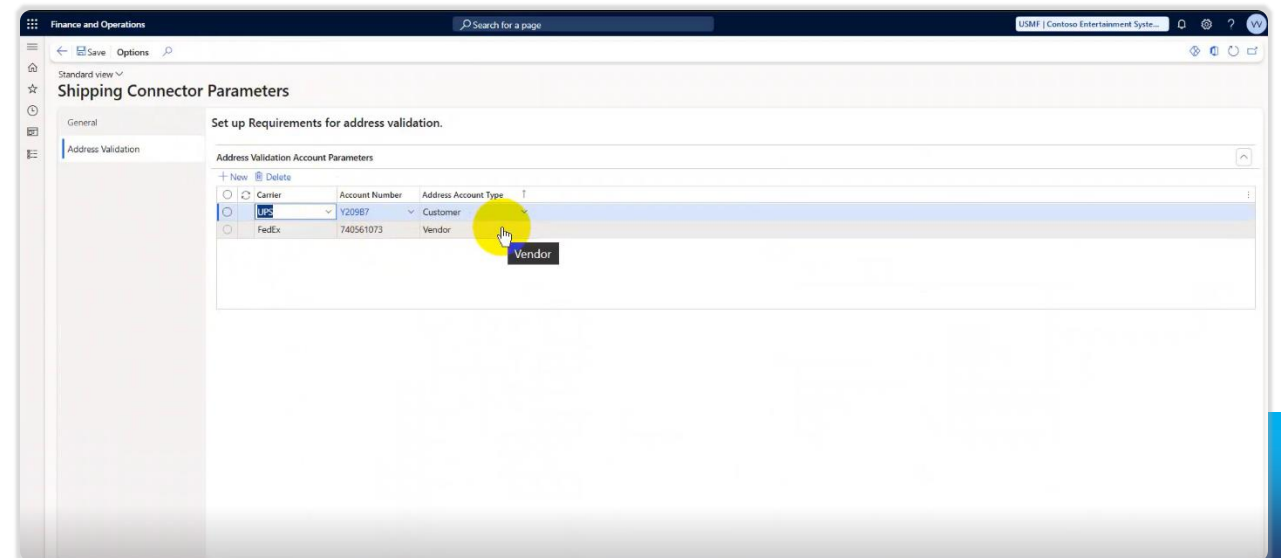
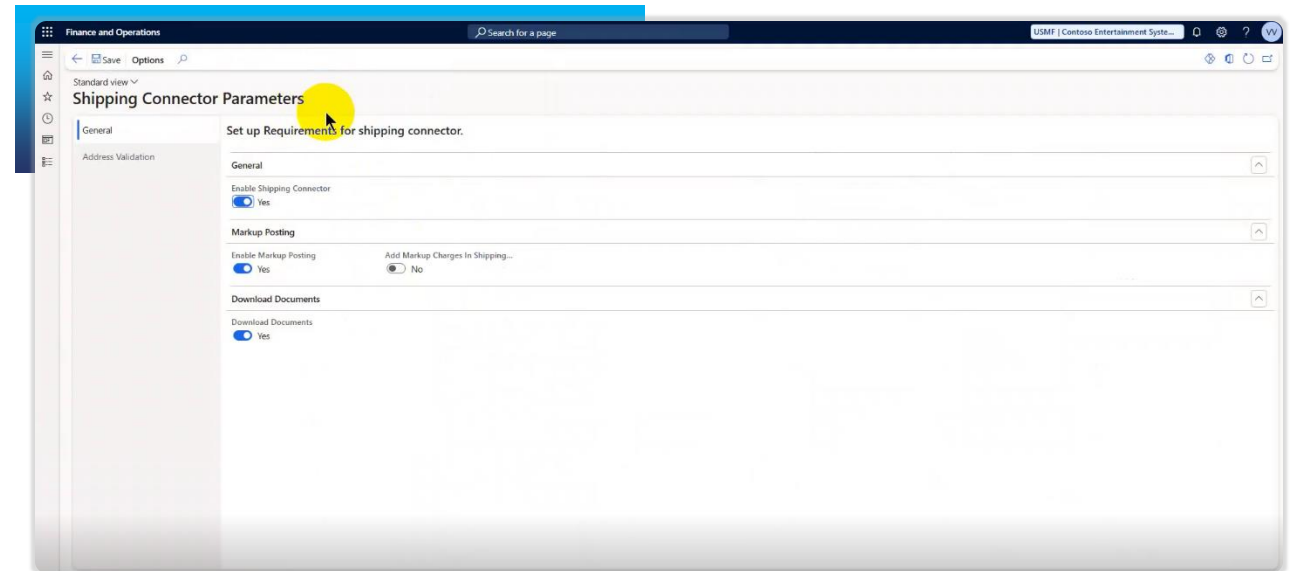
- › Configure and manage freight markup rules to apply custom surcharges or discounts based on carrier, region, or customer-specific parameters.

One-Time Carrier Setup in D365

Configure once and ship endlessly.

Set up carriers, account credentials, and validation parameters within the dedicated **Shipping Connector module**.

- › Enable connector and address validation.
- › Add URLs and endpoints for each carrier.
- › Maintain multiple carrier accounts (UPS, FedEx, etc.).
- › Define credentials (Client ID, Secret, and Charge Allocation).



Seamless Shipment Start

Initiate shipment directly from the **Sales Order** screen using the **Book Shipment** button — no external system navigation required.

- › Fully integrated within Sales and Marketing workspace.
- › Supports booking from multiple sources like SO, PO, or Transfer Order.
- › Consistent workflow across all modules.

The screenshot displays the Dynamics 365 Finance and Operations interface for a Sales Order. The top ribbon includes tabs for Sales order, Sell, Manage, Pick and pack, Invoice, Commerce, General, Warehouse, Transportation, Credit management, and Options. The 'Book Shipment' button is highlighted in the 'Book Shipment' group. The main content area shows the Sales Order header for '003710 : Cave Wholesales'. The header includes fields for Delivery Address, Delivery Date, References, Discounts, Warehouse, and Transportation. The Sales Order lines table at the bottom shows a single line for 'HDMI 6' Cables'.

Variant number	Item number	Product name	Sales category	CW quantity	CW unit	Quantity	Unit	Delivery type	CW deliver...	Adjusted u...	Site	Warehouse	Unit price	Discount
	A0001	HDMI 6' Cables				2.00	ea	Stock		0.00000	6	62		

Quick Review Before Booking

Review all relevant line-level data before confirming the shipment.

- › Displays order number, customer info, item, site, and quantity.
- › Allows booking for full or partial quantities.
- › Real-time validation ensures correct data before proceeding.

Standard view

Shipping Lines Details

New Booking Existing Booking

Line number	Sales order	Customer	Customer name	Item number	Sales Quan...	Site	Warehouse	Remaining...	Booking Qty	Shipment Status	Unit price
1.0000000000	003710	US-004	Cave Wholesales	A0001	2.00	6	62	2.00	2.00		0.00

OK Cancel

Carrier Integration Made Simple

Access the Shipment Details Form to view and manage shipping parameters in one place.

- › Source document (Sales Order, Packing Slip, etc.).
- › Ship-from and Ship-to details with weight, insurance, and packaging options.
- › Multiple-package toggle for split shipments.
- › Carrier details, account selection, and customer rate types.

Finance and Operations | Search for a page | USMF | Contoso Entertainment Syste...

CARRIER DETAILS

Shipment Status: Ship To: 456 POOR ROBIN RD, ABBEVILLE, GA 31001-2900, USA

Insurance Shipment: 0.00 Rate Type: ACCOUNT

Booking Id: USMF-000292 Label Printer: HPB8AD8AD (HP Smart Tank 6...

Source Type: Sales Order Residential Address Indicator: ☐ No

Ship From: 1317 HORAN DR, FENTON, MO, 63026-1939, USA

Total Weight (lbs): 6.00 Multiple Packages: ☒ Yes

Manual Weight (lbs): 0.00 Customer account: US-004

Customer Name: Cave Wholesales Length x Width x Height: 0.00 x 0.00 x 0.00

Account Details

Sender Account Number UPS: Y209B7 Sender Account Number FedEx: 740561073

Recipient Account Number UPS: Recipient Account Number FedEx: Recipient Account Number FedEx:

Standard view | **RATE COMPARISON**

UPS

Select Line	Description	Total Monetary Value	Business Days
We didn't find anything to show here.			

FEDEX

Select Line	Description	Total Monetary Value	Business Days
We didn't find anything to show here.			

Compare and Choose the Best Option

Get real-time rate comparisons from connected carriers.

- › View rates, service types, delivery timelines, and base charges.
- › Select preferred carrier and click Estimate Charges.
- › Estimated cost auto-posts to the Sales Order header.

Finance and Operations

Search for a page

USMF | Contoso Entertainment Sys...

Standard view
RATE COMPARISON
UPS

Select Line	Description	Total Monetary Value	Business Days
We didn't find anything to show here.			

FEDEX

Select Line	Description	Total Monetary Value	Business Days
We didn't find anything to show here.			

Finance and Operations

Search for a page

USMF | Contoso Entertainment Sys...

Standard view
RATE COMPARISON
UPS

Select Line	Description	Total Monetary Value	Business Days
☐	UPS Next Day Air	176.49	1
☐	UPS Next Day Air Early	212.11	1
☐	UPS 2nd Day Air	72.19	2
☐	UPS 3 Day Select	61.17	3
☐	UPS Ground	45.63	3

FEDEX

Select Line	Description	Total Monetary Value	Business Days
☐	PRIORITY_OVERNIGHT	147.4	1
☐	FEDEX_2_DAY	56.89	2
☐	FEDEX_GROUND	33.58	2
☐	FEDEX_EXPRESS_SAVER	53.45	3

Finalize Shipment in a Click

Once rates are reviewed, confirm and schedule pickup directly within Dynamics.

- › Click Confirm Charges to lock rates and prevent edits.
- › Select Pickup Date to confirm carrier collection.
- › Automatically print labels and generate tracking IDs upon confirmation.

The screenshot shows the 'Confirm Charges' screen in Dynamics CRM. The 'SHIPMENT PICKUP' tab is selected, and a confirmation message is displayed at the top. The 'CARRIER DETAILS' section shows the shipment status as 'Confirmed' and the ship-to address as '456 POOR ROBIN, RD LABBEVILLE, GA 31001-2900, USA'. The 'Account Details' section shows the sender account numbers for UPS and FedEx. The 'RATE COMPARISON' table on the right displays the following data:

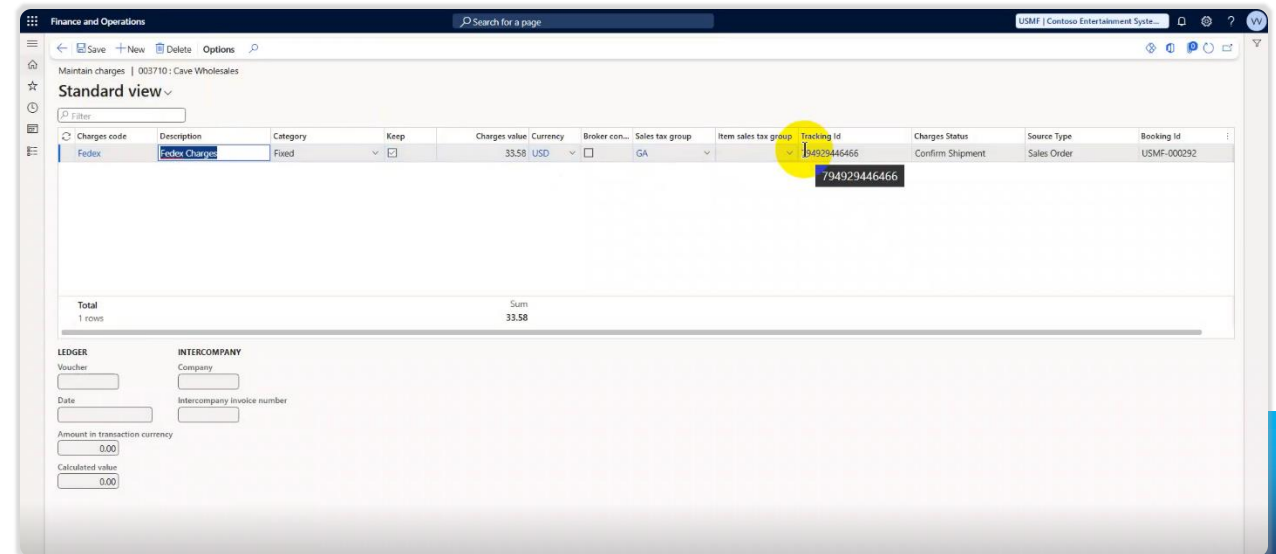
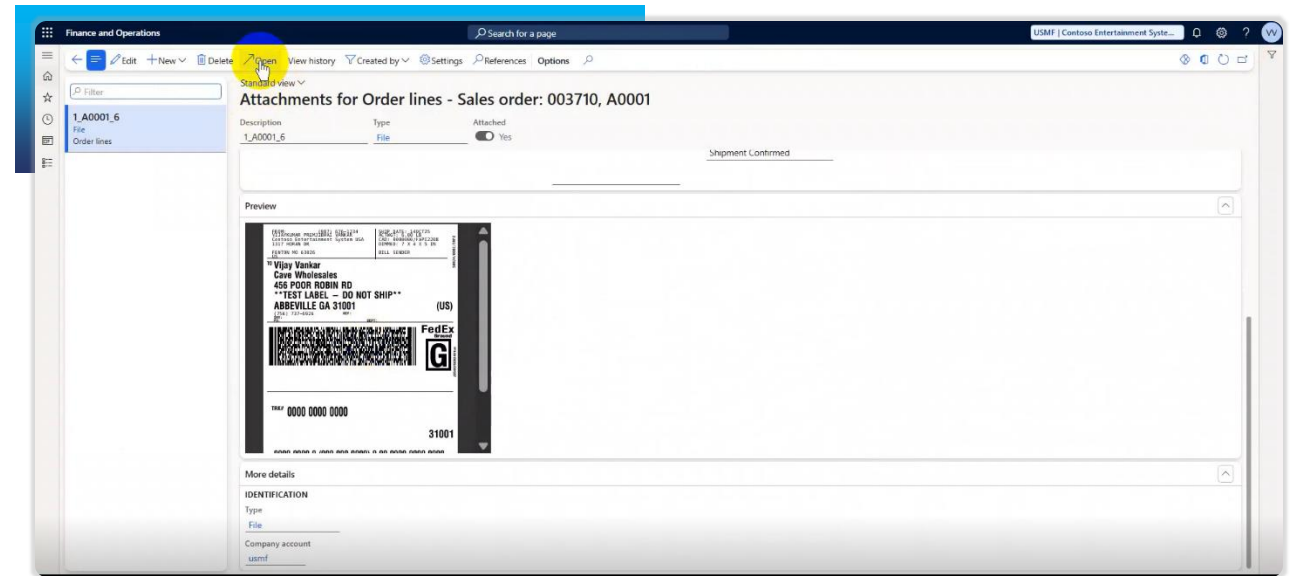
Select Line	Description	Total Monetary Value	Business Days
1	UPS Next Day Air	176.49	1
2	UPS Next Day Air Early	212.11	1
3	UPS 2nd Day Air	72.19	2
4	UPS 3 Day Select	61.17	3
5	UPS Ground	45.63	3

This screenshot is identical to the one above, but with a yellow circle highlighting the 'SHIPMENT PICKUP' tab in the top navigation bar, indicating the final step in the process.

Instant Label & Tracking Sync

Each confirmed shipment automatically generates a label and tracking ID.

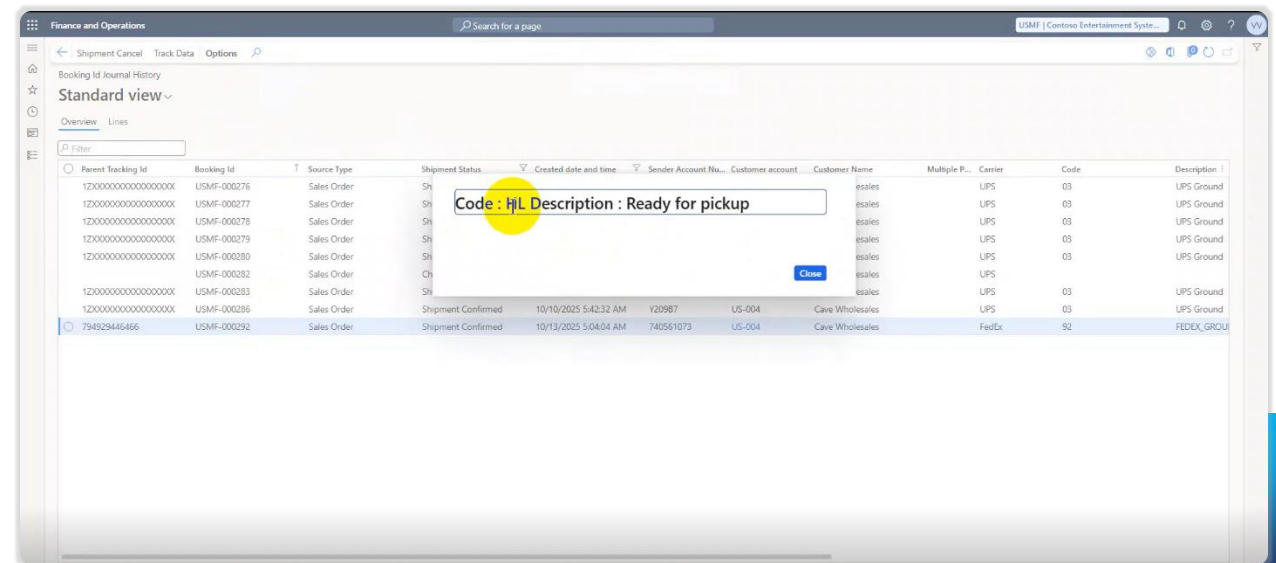
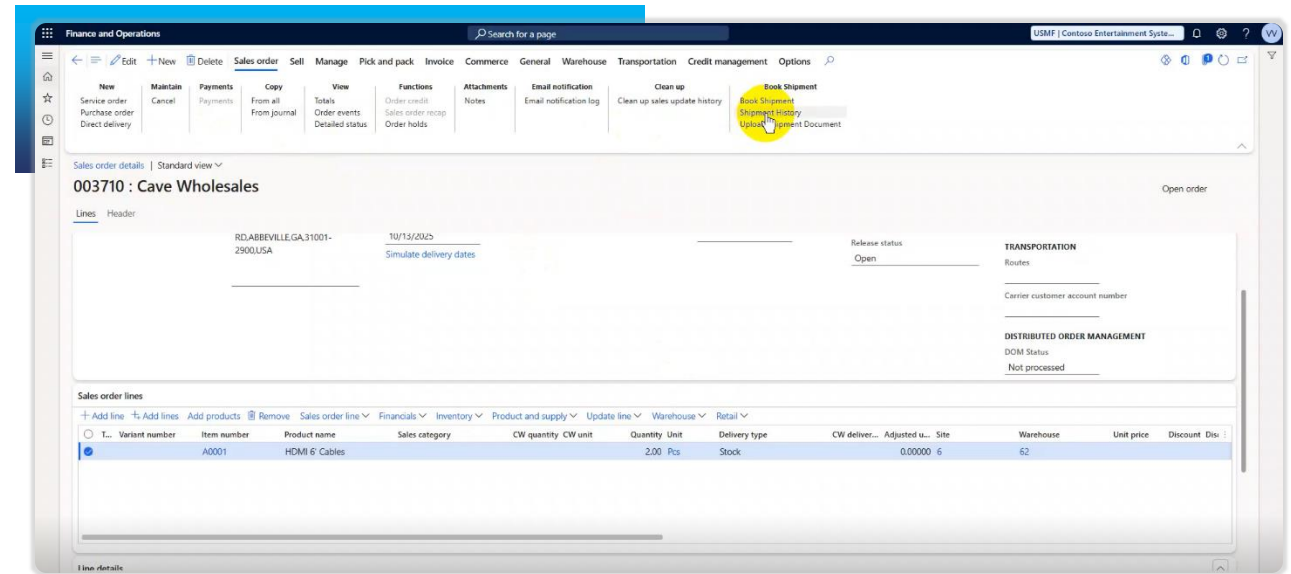
- › Label printed instantly to configured printer.
- › Tracking ID updated in Sales Order and carrier portal.
- › Enables real-time delivery tracking directly from D365.



Complete Visibility & Control

View shipment logs, track delivery status, or cancel shipments from a single dashboard.

- › Access all shipments under the Shipment History Form.
- › Real-time carrier API tracking for accurate status updates.
- › Cancel shipments directly from Dynamics 365.

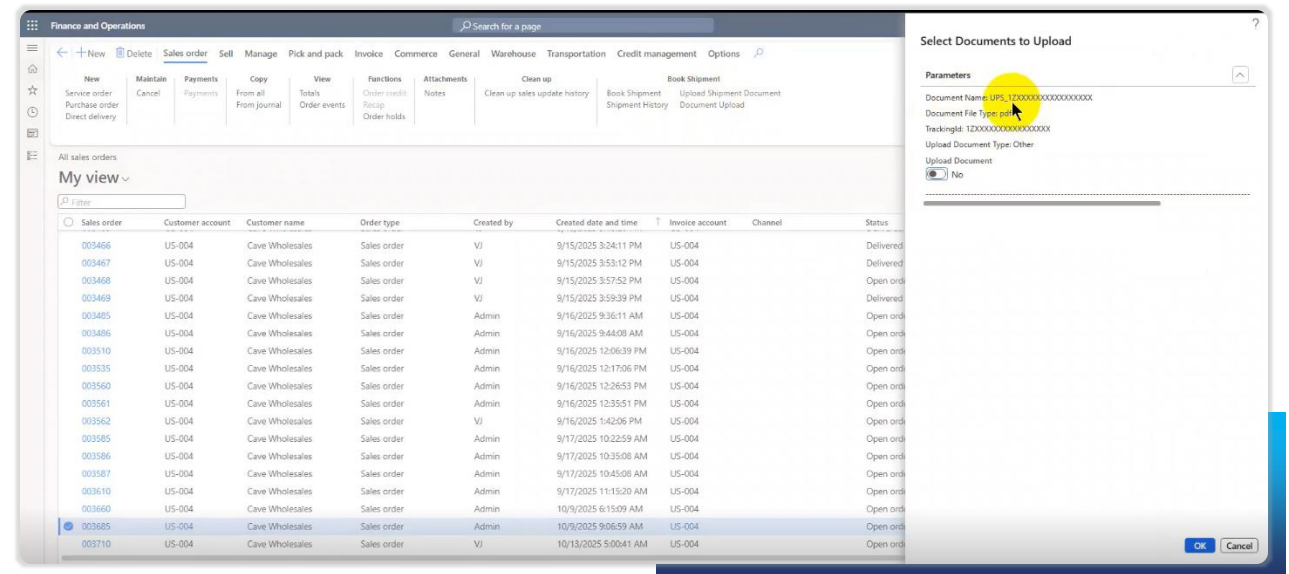
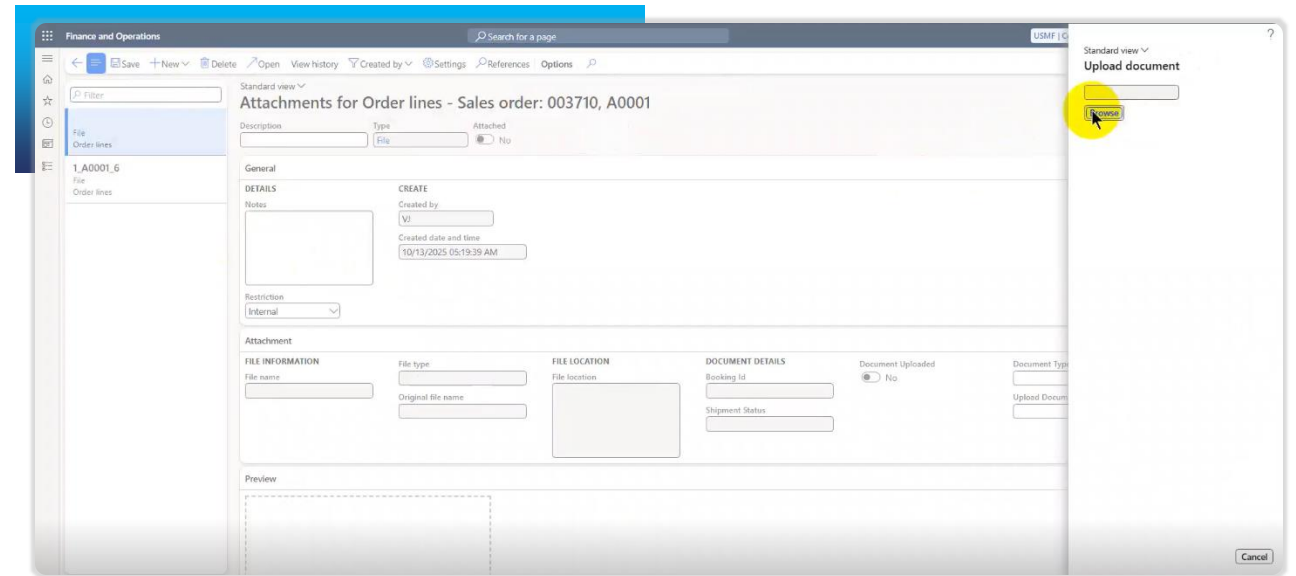


USA | CANADA | UK | INDIA

Seamless Document Exchange

Upload and share essential documents with carriers directly through the connector.

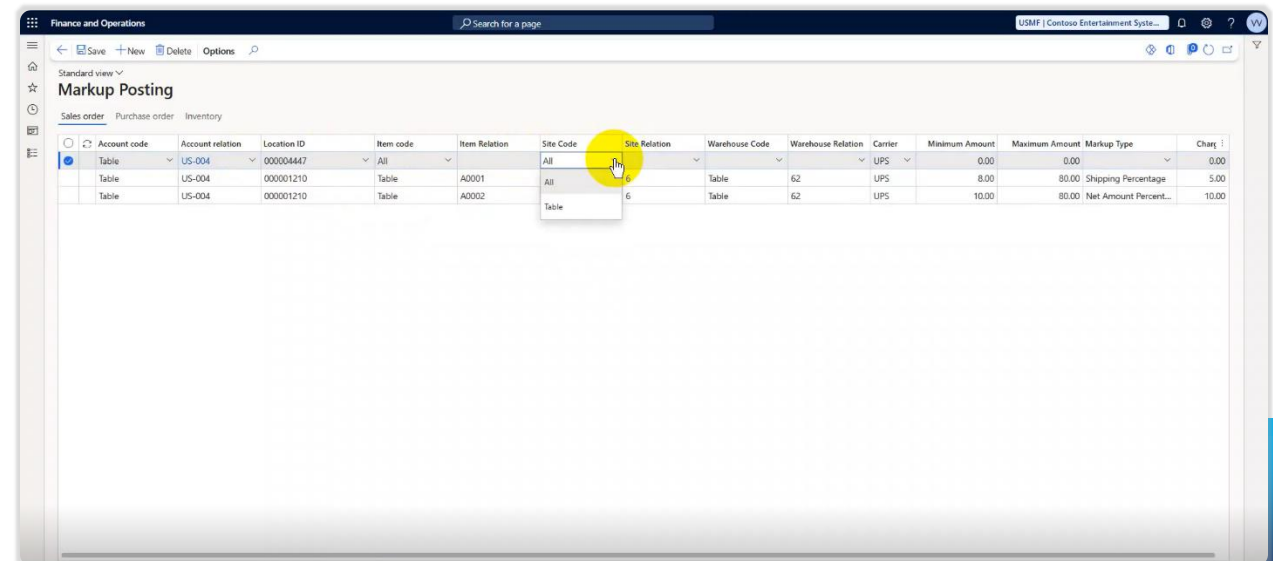
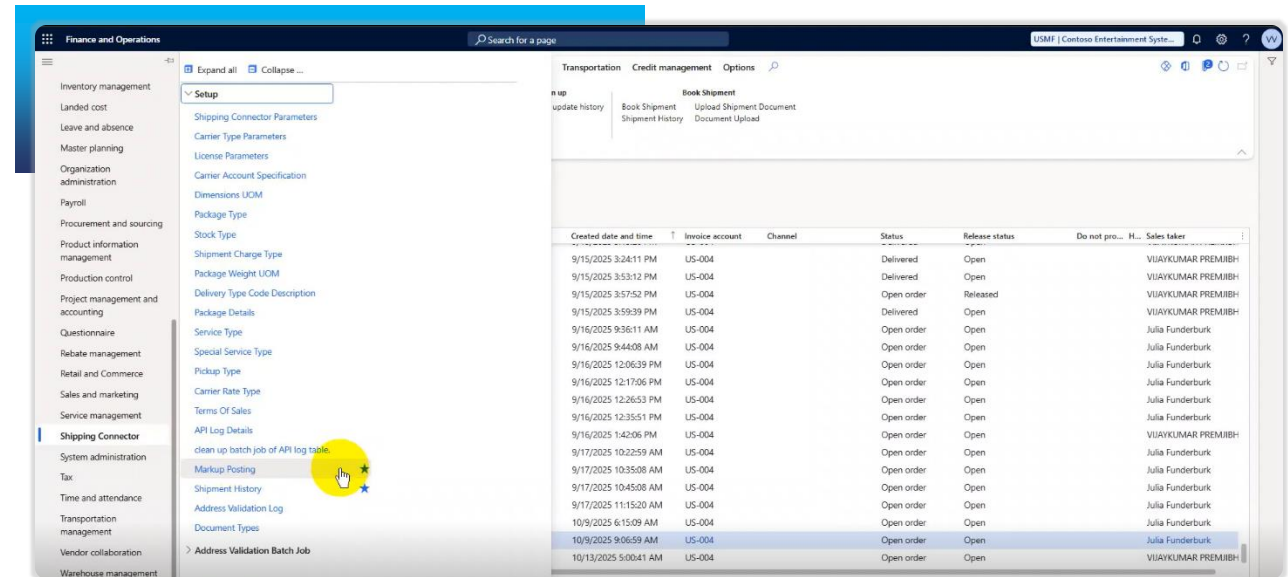
- › Attach invoices, packing lists, or certificates of origin.
- › Documents are linked with shipment tracking IDs.
- › Automatically transferred to UPS/FedEx for processing.



Automated Charge Adjustments

Apply custom pricing logic automatically.

- › Define markups by customer, carrier, amount range, or shipment type.
- › Choose from fixed or percentage-based markups.
- › Rules applied automatically at shipment confirmation.



Transforming Shipping Operations

01.

Achieve 100% visibility from booking to delivery

02.

Reduce manual effort through automation.

03.

Eliminate integration gaps between ERP and carriers.

04.

Streamline shipping documentation and compliance.

05.

Enable faster dispatch with real-time rate and label generation.

Want to know more?

Contact Us!

DynaTech Systems has proudly served clients seeking advanced tech solutions across the globe with top-notch precision and excellence.



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