

# Dynamics 365 Finance Localization for Türkiye Public preview

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# Agenda

- Overview of Globalization expansion project
- Functionality in Public preview
- Initial setup
- Considerations on migration
- Q&A



# Project overview

# Globalization overview

## Country coverage

### 57 countries / regions

- Australia, Austria, Bahrain, Belgium, Bolivia, Brazil, Canada, Chile, China, Colombia, Costa Rica, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, Estonia, Finland, France, Germany, Guatemala, Hong Kong SAR, Hungary, Iceland, India, Indonesia, Ireland, Italy, Japan, Kuwait, Latvia, Lithuania, Malaysia, Mexico, New Zealand, Nicaragua, Norway, Oman, Panama, Peru, Poland, Qatar, Russia, Saudi Arabia, Singapore, South Africa, Spain, Sweden, Switzerland, Thailand, The Netherlands, United Arab Emirates, United Kingdom, United States, Uruguay, Venezuela

### 74 languages

- Arabic (Bahrain, Egypt, Kuwait, Oman, Qatar, Saudi Arabia, UAE), Chinese (Simplified, Traditional), Czech (Czech Republic), Danish (Denmark), Dutch (Belgium, Netherlands), English (Australia, Canada, Hong Kong SAR, India, Ireland, Malaysia, Malta, New Zealand, Pakistan, Philippines, Singapore, South Africa, UK, US), Estonian (Estonia), Finnish (Finland), French (Belgium, Canada, France, Switzerland), German (Austria, Germany, Switzerland), Greek (Greece), Hebrew (Israel), Hungarian (Hungary), Icelandic (Iceland), Indonesian (Indonesia), Italian (Italy, Switzerland), Japanese (Japan), Korean (South Korea), Latvian (Latvia), Lithuanian (Lithuania), Norwegian Bokmål (Norway), Polish (Poland), Portuguese (Brazil, Portugal), Romanian (Romania), Russian (Russia), Spanish (Argentina, Bolivia, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Guatemala, Mexico, Nicaragua, Panama, Paraguay, Peru, Spain, Uruguay, Venezuela), Swedish (Sweden), Thai (Thailand), Türkiye (Turkish), Ukrainian (Ukraine), Vietnamese (Vietnam)

## Continuous compliance

Regulatory alerts on LCS

Regulatory updates on LCS

## Globalization blueprint

### Tax automation

#### Tax calculation

- Tax determination
- Tax calculation
- Tax rate ISV connectivity

#### Electronic invoicing

- Country formats
- Country submission workflows
- Vendor e-invoice processing
- "Last mile" connectivity

#### Tax period close

- Tax reconciliation
- Tax settlement

#### Tax reporting

- Tax declarations
- Tax audit files
- Statistical reports
- Fiscal books
- Submission workflows

### Globalization of non-tax areas

#### Banking / payments

- Country formats
- Bank reconciliation
- Bank reports
- Bank account number validations

#### Business documents

- Country templates for invoices, orders, etc.

#### Fixed assets

- Country specific operations
- Country depreciations
- Country reports

#### Invoicing

- Corrective invoices
- Prepayments and advance invoices
- Invoice processing

#### Globalization features in domains:

- General ledger
- Supply chain management
- Commerce
- Project operations

## Globalization studio

Tax calculation

Electronic invoicing

Electronic reporting

Business documents

# Dynamics 365 Finance localization for Türkiye

- Based on **Kaya Consulting**'s ISV localization solution and built in collaboration with Nomads IT Services International BV
- Aligned with **Globalization studio**
- Part of **OOB localization coverage** of Dynamics 365 Finance
- **Continuous updates and support** by Microsoft
- **Scope (tentative):**
  - Exchange rate import from CBRT
  - Serial numbering of packing slips and invoices
  - Currency conversion in purchase orders and free text invoices
  - Exchange difference invoices
  - Electronic invoice generation
  - E-ledger generation
  - Cheque and promissory note enhancements
  - Pro-rata depreciation of fixed assets
  - Inflation adjustments

# Public preview

- Available in version 10.0.44
- Not ready for Production!
- [Public documentation](#)
- No regular Microsoft support
- Support and feedback: [Yammer group: Dynamics 365 Finance localization for Türkiye](#)
- Limited scope
  - Exchange rate import from CBRT
  - Serial numbering of packing slips and invoices
  - Currency conversion in purchase orders and free text invoices
  - Exchange difference invoices
  - Electronic invoice generation
  - E-ledger generation
  - ~~• Cheque and promissory note enhancements~~
  - ~~• Pro-rata depreciation of fixed assets~~
  - ~~• Inflation adjustments~~

# General availability

- Planned for version 10.0.45 (“October release”)
- Scope (tentative):
  - Public preview scope
  - Cheque and promissory note enhancements
  - Pro-rata depreciation of fixed assets
  - Inflation adjustments
- Public documentation
- Demo data



Features in Public  
preview

# Feature overview

## Exchange rate import from CBRT

- Transactions can use foreign currencies, with exchange rates imported from the Central Bank to ensure accurate accounting in Turkish lira

## Continuous serial numbering of packing slips and invoices

- Required documents are submitted to the tax authorities with a sequential 16-digit document ID

## Currency conversion in purchase orders and free text invoices

- Invoices can be issued in a different currency from the initial order using manually specified exchange rates to ensure alignment in Turkish lira

## Exchange difference invoices

- Invoices for exchange differences reflect the equivalent amount in Turkish lira based on the Central Bank's foreign exchange buying rate

## Electronic invoice generation

- E-invoices can be generated for customer invoices in the format mandated by Turkish Revenue Administration to meet e-invoicing obligations

## E-ledger generation

- The E-ledger framework collects General ledger records and prepares mandatory books in the required electronic format



Exchange rate import from CBRT

# Exchange rate import from CBRT

- Indicative exchange rates are announced at 3:30 PM on working days
- Applicable on the following working day
- Different exchange rate types

Exchange rate types

Standard view ▾

Filter

Exchange rate type	Name
Average	Default average rate
Banknote Buying	Banknote Buying
Banknote Selling	Banknote Selling
Budget	Default budget rate
Closing	Default closing rate
Constant	Constant currency rate
Default	Default global rate
Export_IN	Custom_IN
Forex Buying	Forex Buying
Forex Selling	Forex Selling
Import_IN	Custom_IN
Market	Market currency rate

# Standard framework of exchange rate providers

- New provider: Central Bank of the Republic of Türkiye
- Provider configuration:
  - Exchange rate type mapping
  - Cross rate import flag
  - Precision
  - CBRT service URL
- Available globally

Standard view ▾

## Configure exchange rate providers

Name  
ral Bank of the Republic of Türkiye

### General

[Reset values](#)

↻	Key	Value
	Banknote buying	Banknote buying ▾
	Banknote selling	Banknote selling
	Cross rate	Yes
	Decimal places	4
	Forex buying	Forex buying
	Forex selling	Forex selling

# Running import of exchange rates from CBRT

### Import currency exchange rates

**Parameters**

Exchange rate type  
Forex Buying

Exchange rate provider  
Central Bank of the Republic ...

Import as of  
Today's date

Create necessary currency pairs  
 Yes

Override existing exchange rates  
 Yes

Single rate for date range  
 No

Prevent import on national holiday  
 No

Filter

Exchange rate type  
Forex Buying

From curren... ↑	To currency	Conversi :
PKR	TRY	1
QAR	TRY	1
RON	TRY	1
RUB	TRY	1
SAR	TRY	1
SEK	TRY	1
USD	AED	1
USD	AUD	1
USD	AZN	1
USD	BGN	1

Standard view

### Currency exchange rates

From currency	To currency	Conversion factor
EUR	TRY	1

Add or remove exchange rates

+ Add Remove

Display valid exchange rates for the date range

From date: 4/8/2025 To date: 6/7/2025

Start date ↑	Exchange rate	Exchange value
4/3/2025	40.8746	40.8746 TRY for 1 EUR
5/2/2025	43.6361	43.6361 TRY for 1 EUR



Serial numbering of packing slips and invoices

# Serial numbering of packing slips and invoices

- Legal compliance and accurate tracking of packing slips and invoices, ensuring each document number is unique, in order, and easy to understand
- Supported in:
  - Sales packing slip
  - Sales invoice
  - Free text invoice
  - Purchase return receipt
  - Purchase return invoice
  - Vendor invoice journal for return
  - Exchange difference invoice

# Serial formats

Serial number formats allow to configure document numbers using serial prefixes, year information, and number sequences

Standard view ▾

## Preprinted serial numbers

Serial number formats

Number sequences

### Serial formats

Define serial number formats for document types

[+ New](#) [Delete](#)

<input type="radio"/>	<input type="radio"/>	Format name	1.field name	1.separator	2.field name	2.separator	3.field name	3.seperator	4.field name	4.separator	5.field name	Format
<input checked="" type="radio"/>	<input type="radio"/>	E-archive	Serial prefix ▾		Fiscal year ▾		Number ▾		None ▾		None ▾	Serial prefixFiscal yearNumber
<input type="radio"/>	<input type="radio"/>	E-invoice	Serial prefix		Fiscal year		Number		None		None	Serial prefixFiscal yearNumber
<input type="radio"/>	<input type="radio"/>	E-packing slip	Serial prefix		Fiscal year		Number		None		None	Serial prefixFiscal yearNumber
<input type="radio"/>	<input type="radio"/>	Invoice	Serial prefix		Fiscal year		Number		None		None	Serial prefixFiscal yearNumber
<input type="radio"/>	<input type="radio"/>	Packing slip	Serial prefix		Fiscal year		Number		None		None	Serial prefixFiscal yearNumber

# Serial prefixes

Serial prefixes help distinguish document types and link to number sequence groups and serial formats

Number sequence

Standard view \* ∨

Serial prefix

Document type

Invoice ∨

<input type="radio"/>	<input type="refresh"/>	Document type <span>∨</span>	Serial pre... <span>↓</span>	Number sequence group	Serial type <span>∨</span>	Fiscal year	Number of digits	Serial format <span>∨</span>	Default prefix
<input checked="" type="radio"/>		Invoice	AAA	INV_1 <span>∨</span>	Preprinted invoi... <span>∨</span>	2024	9	Invoice <span>∨</span>	<input checked="" type="checkbox"/>
		Invoice	AA6	INV_6	E-Invoice	2025	9	E-invoice	<input type="checkbox"/>
		Invoice	AA5	INV_5	Preprinted invoice	2024	9	Invoice	<input type="checkbox"/>
		Invoice	AA4	INV_4	Preprinted invoice	2024	9	Invoice	<input type="checkbox"/>
		Invoice	AA3	INV_3	Preprinted invoice	2024	9	Invoice	<input type="checkbox"/>
		Invoice	AA2	INV_2	Preprinted invoice	2024	9	Invoice	<input type="checkbox"/>

Open Cancel

Open Closed Cancel

<input type="radio"/>	Serial number	Invoice module	Date
<input checked="" type="radio"/>	AAA2024000000004	Exchange difference invoicing	9/18/2024
	AAA2024000000005	Exchange difference invoicing	9/18/2024
	AAA2024000000006	Free text invoice	9/20/2024

Number sequence groups | 24805 : trmf 0

Standard view ∨

Overview

<input type="radio"/>	<input type="refresh"/>	Group <span>↑</span>	Description
<input checked="" type="radio"/>		INV_1	Printed serial number for invoice 2024
		INV_2	Printed serial number for invoice 2024
		INV_3	Printed serial number for invoice 2024
		INV_4	Printed serial number for invoice 2024
		INV_5	Printed serial number for invoice 2024

Reference

Chronological numbering setup

<input type="radio"/>	<input type="refresh"/>	Area	Reference	Number sequence code
<input checked="" type="radio"/>		Serial prefix	Serial number	INV_1 <span>∨</span>

# Free text invoices

Free text invoice | Standard view ▼

## 000026 - Beema Türkiye

Lines Header

### Free text invoice header

<b>CUSTOMER</b>	Name	<b>INVOICE</b>	Currency	Method of payment
Customer account	Beema Türkiye	Date	EUR <span>▼</span>	<span>▼</span>
000026 <span>▼</span>	One-time customer	5/6/2025 <span>📅</span>	Accounting status	Payment specification
Name	<input type="checkbox"/> No	Due	In process	<span>▼</span>
Beema Türkiye	Address	5/7/2025 <span>📅</span>	<b>PAYMENT</b>	Bank account
Invoice account		Serial prefix	Terms of payment	<span>▼</span>
000026 <span>▼</span>		AAA <span>▼</span>	Net 30 <span>▼</span>	

### Invoice lines

[+ Add line](#) [🗑 Remove](#) [Distribute amounts](#) [📎 Notes and attachments \(0\)](#) [📄 Copy selected lines](#) ▼

<input type="radio"/>	<input type="refresh"/>	Description	Main account	Sales tax group	Item sales tax group	Quantity	Unit price	Amount	
<input checked="" type="radio"/>			602.19.001 <span>▼</span>	S_TAX <span>▼</span>	TAX-10 <span>▼</span>	1.00		80.00	📄

# Credit notes

Free text invoice | Standard view

## 000026 - Beema Türkiye

Lines Header

### Free text invoice header

<b>CUSTOMER</b>	Name	<b>INVOICE</b>	Currency	Method of payment
Customer account 000026	Beema Türkiye	Date 5/8/2025	EUR	
Name Beema Türkiye	One-time customer <input type="radio"/> No	Due 5/9/2025	Accounting status In process	Payment specification
Invoice account 000026	Address	Preprinted invoice *	<b>PAYMENT</b>	Bank account
			Terms of payment Net 30	

### Invoice lines

+ Add line | Remove | Distribute amounts | Notes and attachments (0) | Copy selected lines

	Description	Main account	Sales tax group	Item sales tax group	Quantity	Unit price	Amount
<input checked="" type="checkbox"/>		602.19.001	S_TAX	TAX-10	1.00		-80.00

# Sales packing slips and invoices

Packing slip posting

Arrange [Select](#) [Printer setup](#) ▾

Parameters

PARAMETER	COMPLIANCE DOCUMENTS	PRINT OPTIONS	SETUP
Quantity <input type="text" value="All"/>	Prevent sales pack slip/invoice p... <input type="radio"/> No	Print <input type="text" value="Current"/>	Check credit limit <input type="text" value="None"/>
Posting <input checked="" type="checkbox"/> Yes	Generate product safety data she... <input type="radio"/> No	Print packing slip <input type="radio"/> No	<b>SUMMARY ORDER</b> Summary update for <input type="text" value="None"/>
Late selection <input type="radio"/> No		Use print management destination <input type="radio"/> No	

Overview

[+ Add](#) [Remove](#) [Tracking information](#) [Sales tax](#)

	Update	Customer ...	Sales order	Name	Currency	Serial prefix
<input type="radio"/>	<input type="radio"/>		000060	Client par défaut	TRY	AA1 ▾

Posting invoice

Arrange [Select](#) [Printer setup](#) ▾

Parameters

PARAMETER	COMPLIANCE DOCUMENTS	PRINT OPTIONS	SETUP
Quantity <input type="text" value="All"/>	Prevent sales pack slip/invoice p... <input type="radio"/> No	Print <input type="text" value="Current"/>	Check credit limit <input type="text" value="None"/>
Posting <input checked="" type="checkbox"/> Yes	Generate product safety data she... <input type="radio"/> No	Print invoice <input type="radio"/> No	Credit correction <input type="radio"/> No
Late selection <input type="radio"/> No		Use print management destination <input type="radio"/> No	Credit remaining quantity <input type="radio"/> No
Reduce quantity <input type="radio"/> No		Print COD <input type="radio"/> No	
		Print shipping labels <input type="radio"/> No	
		Print charges <input type="text" value="Show details"/>	

Overview

[+ Add](#) [Remove](#) [Tracking information](#) [Select packing slip](#) [Totals](#) [Sales tax](#) [Payment schedule](#)

	Update	Customer ...	Sales order	Name	Currency	Serial prefix
<input type="radio"/>	<input type="radio"/>		000060	Client par défaut	TRY	AAA ▾

# Vendor returns

Vendor invoice journal | 00104 : VendInv

Standard view ∨

List General Invoice Cash discount Fixed assets Remittance History

+ New Delete Settle transactions Financial dimensions ∨ Sales tax Functions ∨ Voucher View marked transactions

Account	Account name	Invoice date	Invoice	Description	Debit
000001	OTech Trade Co.				100.00

**INVOICE** Terms of payment: Net 30

Payment schedule:

Due date: 5/3/2025

**SALES TAX** Calculated sales tax amount: 0.00 Actual sales tax amount: 0.00

**CASH DISCOUNT** Cash discount:  Cash discount date:  Cash discount amount: 0.00

**PREPRINTED SERIAL NUMBERS** Serial prefix: AAA

Vendor invoice | Standard view ∨

## AA1 : A. Datum Corporation

Lines Header

Vendor invoice header

**VENDOR** Company: TRMF

Invoice account: 1001 A. Datum Corporation

**INVOICE IDENTIFICATION** Serial prefix: \* Invoice description:

**RELATED** Purchase: 000200

Lines

+ Add line Remove Invoice line ∨ Financials ∨ Inventory ∨ Update line ∨

Budget ch...	Item number	Item name	Procurement category	Quantity	Unit
	0001	Youth Accessory Combo S...		-2.00	e

The background image is a blurred screenshot of a financial market data interface. It features several rows of stock indices and their corresponding values. A prominent line chart is visible in the center, showing price fluctuations over time. The text 'Currency conversion in purchase orders and free text invoices' is overlaid in white at the bottom left.

Currency conversion in purchase orders and free text invoices

# Currency conversion in POs and FTIs

- Orders issued in Turkish lira can be invoiced in different currencies while maintaining fixed exchange rates
  - Feature ensures that tax amounts are calculated, shown, and reported in Turkish lira
  - Applies to purchase orders and free text invoices
- Scenario:
    - Update Currency field.
    - Update Exchange rate and Reporting exchange rate on Payment tab
    - System recalculates line and tax amounts in accounting currency
    - Exchange values are locked post posting

# Free text invoice

Lines **Header**

**General**

<b>INVOICE</b>	Cash discount date	Exchange rate	<b>REPORTING CURRENCY</b>
Date	<input type="text"/>	<input type="text" value="43.636100000000"/>	Exchange rate
<input type="text" value="5/6/2025"/>	Invoice origin	Secondary exchange rate	<input type="text" value="0.879300000000"/>
Payment terms base date	<input type="text"/>	Description	Secondary exchange rate
<input type="text"/>	<b>CURRENCY</b>	<input type="text" value="TRY - EUR"/>	Description
Due	Currency		<input type="text" value="USD - EUR"/>
<input type="text" value="5/7/2025"/>	<input type="text" value="EUR"/>		

**Payment**

<b>FIXED EXCHANGE RATE</b>	<b>PAYMENT</b>	Method of payment	Payment specification
Exchange rate	Terms of payment	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text" value="Net 30"/>		
Reporting exchange rate			
<input type="text"/>			

# Free text invoice (converted)

Lines **Header**

**General**

**INVOICE**

Date: 5/6/2025

Payment terms base date: [ ]

Due: 5/7/2025

Cash discount date: [ ]

Invoice origin: [ ]

**CURRENCY**

Currency: EUR

**Exchange rate**

Exchange rate: 0.900000000000

Secondary exchange rate: [ ]

Description: TRY - EUR

**REPORTING CURRENCY**

Exchange rate: 0.800000000000

Secondary exchange rate: [ ]

Description: USD - EUR

**Payment**

**FIXED EXCHANGE RATE**

Exchange rate: 0.900000000000

Reporting exchange rate: 0.800000000000

**PAYMENT**

Terms of payment: Net 30

Method of payment: [ ]

Payment specification: [ ]

# Purchase order (converted)

All purchase orders | Standard view ∨

## 000200 : 1001 - A. Datum Corporation

Lines Header

General

Setup

Address

Delivery

Price and discount

<b>CURRENCY</b>	<b>FIXED EXCHANGE RATE</b>
Currency	Exchange rate
EUR <span>∨</span>	0.900000000000
	Reporting exchange rate
	0.800000000000

Standard view ∨

**Totals**

Calculation basis

Selection

Ordered quantity ∨

Purchase order totals

<b>TOTALS</b>	<b>VENDOR</b>
Currency	Credit limit
EUR	0.00
Exchange rate	Credit available
0.9000	0.00
Line discount	<b>PREPAYMENT</b>
0.00	Limit
Subtotal amount	0.00
-1.37	Remaining:
Total discount	0.00
0.00	<b>MEASUREMENTS</b>
Charges	Quantity
0.00	-2.00
Sales tax	Weight
-0.27	0.00
Round-off	CW quantity
0.00	
Total amount	Volume
-1.64	0.00
Cash discount	
0.00	

Exchange difference invoices



# Exchange difference invoices

Exchange difference invoice reflects the difference between the exchange rate at the time of invoicing and the exchange rate at the time of payment

Standard view ▼

## Exchange difference invoicing

General Excluded records

EXCHANGE DIFFERENCE INVOICE

Show

Not posted ▼

Delete Exclude Approve Reset approval

<input type="radio"/>	Exchange difference invoice	Exchange difference type	Account type	Account number	Account name	Currency	Exchange difference amount	Exchange diffe...	Date	Invoice serial	Invoice	Invoice de...	Sales ...	Item :
<input checked="" type="radio"/>	25000039	Exchange difference invoice	Vendor	000001	OTech Trade Co.	EUR	-490.60	0.00	3/26/2025				P_TAX	TAX-2
<input type="radio"/>	25000040	Exchange difference invoice	Vendor	000001	OTech Trade Co.	EUR	-1,107.90	0.00	3/26/2025				P_TAX	TAX-2
<input type="radio"/>	25000041	Exchange difference invoice	Vendor	000001	OTech Trade Co.	EUR	-1,373.60	0.00	3/26/2025				P_TAX	TAX-2
<input type="radio"/>	25000042	Exchange difference invoice	Vendor	000001	OTech Trade Co.	EUR	-2,068.50	0.00	3/26/2025				P_TAX	TAX-2
<input type="radio"/>	25000043	Exchange difference invoice	Vendor	000001	OTech Trade Co.	EUR	-2,482.20	0.00	3/26/2025				P_TAX	TAX-2
<input type="radio"/>	25000044	Exchange difference invoice	Vendor	000001	OTech Trade Co.	EUR	-2,895.90	0.00	3/26/2025				P_TAX	TAX-2

EXCHANGE DIFFERENCE INVOICE LINE TRANSACTIONS

Delete Transactions Move

<input type="radio"/>	Source	Date	Voucher	Invoice	Currency	Exchange rate	Amount in transaction currency	Amount	Amount in reporting cur...	Calculated exchange difference amount	Calculated exchange ...	Adjusted exchange difference amount	Adjusted ex ...
<input type="radio"/>	Closed	1/3/2024	VINV0000000...	PL120240000000...	EUR	32.6671	2,000.00	65,334.20	-2,180.00	-490.60	0.00	-490.60	

# Exchange difference invoice setup

- Standard currency revaluation posting profiles are leveraged
- Separate exchange difference invoice for each invoice, or grouped by financial dimension, tax group, or profit or loss
- Requirement for approval can be enforced

Standard view ∨

## Currency revaluation posting profile

General ledger Accounts payable Accounts receivable Bank

Select

- Unrealized gain
- Unrealized loss
- Realized gain
- Realized loss

<input type="radio"/> Currency code	Currency	Account code
<input checked="" type="radio"/> All		All

Invoice

Number sequences

CUSTOMERS	VENDORS
Separate exchange difference inv... <input checked="" type="checkbox"/> Yes	Separate exchange difference inv... <input checked="" type="checkbox"/> Yes
Include only fully settled invoices <input type="checkbox"/> No	Include only fully settled invoices <input type="checkbox"/> No
Group by dimension <input type="checkbox"/> No	Group by dimension <input type="checkbox"/> No
Group by tax group <input type="checkbox"/> No	Group by tax group <input type="checkbox"/> No
Group by profit or loss <input type="checkbox"/> No	Group by profit or loss <input type="checkbox"/> No
Default invoice prefix <input type="checkbox"/> No	Default invoice prefix <input type="checkbox"/> No

# Creating exchange difference invoice

Navigation menu with options: Edit, New, Post, Invoice, Options. A dropdown menu is open showing 'Exchange difference invoices for vendors' and 'Exchange difference invoices for customers'. Below the menu, 'General' is selected and 'EXCHANGE DIFFERENCE INVOICE' is displayed.

**Finance and Operations**

**Parameters**

Date: 5/2/2025

Group by dimension:  No

**POST EXCHANGE DIFFERENCE**

Separate exchange difference invoice f...:  Yes

Include only fully settled invoices:  No

Group by tax group:  No

Group by profit or loss:  No

Default invoice prefix:  No

**Records to include**

Filter

**CUSTOMER TRANSACTIONS**

Customer account:

Currency: !TRY

Amount:

**EXCHANGE DIFFERENCE INVOICE**

Show: Not posted

Buttons: Delete, Exclude, Approve, Reset approval

	Exchange difference invoice ↓	Exchange difference type	Account type	Account number	Account name	Currency	Exchange difference amount	Exchange diffe...	Date	Invoice serial
<input checked="" type="checkbox"/>	25000068	Exchange difference invr	Vendor	1001	A. Datum Corporation	USD	0.08	0.00	3/26/2025	AAA
	25000064	Pending invoice	Vendor	000004	Ismail Rahat	EUR	-371.20	0.00	3/26/2025	
	25000060	Exchange difference invoice	Vendor	000002	IdeSoft B.V.	EUR	-13.77	0.00	3/26/2025	
	25000059	Revaluate and close	Vendor	000002	IdeSoft B.V.	EUR	-68.80	0.00	3/26/2025	
	25000058	Exchange difference invoice	Vendor	000002	IdeSoft B.V.	EUR	-18.27	0.00	3/26/2025	

# Printed forms

- Exchange difference invoice
- Exchange difference reconciliation report
- Implemented as ER configurations

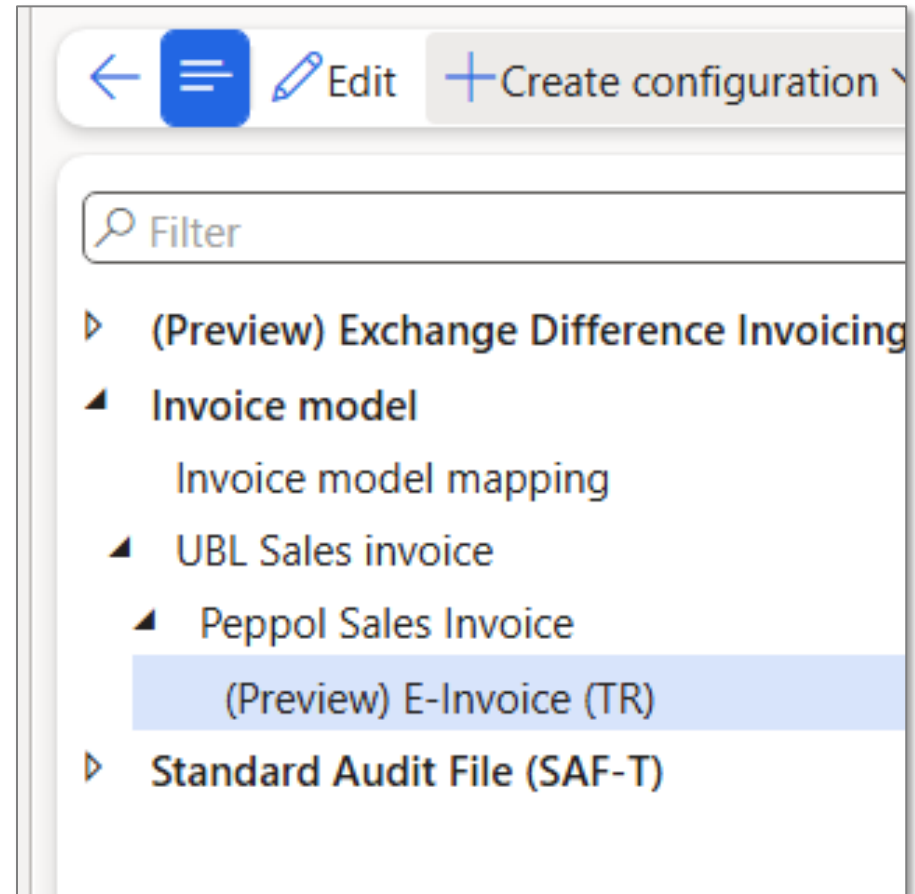
	A	B	C	D	E
2					
3	<b>Invoice No</b>	EDI0052		<b>Invoice</b>	9/18/2024
4					
5	<b>Seller details</b>				
6	Company Name	Contoso Entertainment System Türkiye			
7	Address	Suadiye Mah-Suadiye, ISTANBUL 34740			
8	Tax office	Tax office			
9	Tax Registration Number	2234567890			
10	Phone				
11					
12	<b>Buyer details</b>				
13	Company Name	OTech Trade Co.			
14	Address	Asagi Eglence Mah-Etlik, ANKARA 06010			
15	Tax office	Tax office			
16	Tax Registration Number	8150348005			
17	Phone	+903121112233			
18					
19	<b>Description</b>				
20					
21	<b>Details of the Original Invoice</b>				
22	Invoice No	AAA2024000000003		<b>Invoice</b>	9/1/2024
23	Invoice amount (EUR)	2400.00			
24	Exchange Rate	36.5702			
25	Total amount	87768.48			
26					
27	<b>Exchange Difference Calculation</b>				
28	Exchange Rate	36.5702			
29	Invoice Amount	88295.76			
30	Exchange difference	527.28			
31					
32	<b>Tax calculation</b>				
33	Exchange difference amount	-87.88			
34	VAT	-87.88			
35					
36	<b>Total difference amount</b>	527.28			
37					
38	<b>Payment details</b>				
39	Bank account name				
40	Company Name	OTech Trade Co.			
41	IBAN Number				
42	SWIFT number				
43					
44	<b>Notes</b>				
45					
46	<b>Authorized Signature</b>				

# Electronic invoice generation



# E-invoice generation

- Electronic reporting format based on UBL-TR custom schema (UBL 2.1 with customizations by TRA)
- Supported documents:
  - Sales invoices
  - Free text invoices
  - (To be available later) Sales packing slips
- Digital signing and submission is not supported currently



# Enabling e-invoicing

- Import ER format
- Configure format in AR parameters
- Enable e-invoicing for customers

Standard view ▼

## Accounts receivable parameters

Prices

Electronic documents

Inventory dimensions

Rebate program

Margin alerts

Number sequences

Warehouse management

### Set up options for electronic documents

#### Electronic reporting

Collection letter	Project invoice
<input type="text"/>	<input type="text"/>
Sales and Free text invoice	Project credit note
<input type="text" value="(Preview) E-Invoice (TR)"/>	<input type="text"/>
Sales and Free text credit note	
<input type="text"/>	

All customers | Standard view ▼

## 000026 : Beema Türkiye

### Invoice and delivery

<b>INVOICE</b>	Mode of delivery	Packing duty license number
Invoice account	<input type="text"/>	<input type="text"/>
<a href="#">000026</a>	Delivery reason	Fiscal code
Invoice address	<input type="text"/>	<input type="text"/>
Invoice account	Destination code	<b>PACKING MATERIAL FEE</b>
Number sequence group	Receipt calendar	License number
Invoice template	<input type="text"/>	<input type="text"/>
<b>DELIVERY</b>	<b>SALES TAX</b>	<b>E-INVOICE</b>
UPS zone	Sales tax group	eInvoice
<input type="text"/>	<a href="#">S_TAX</a>	<input checked="" type="checkbox"/> Yes
Delivery terms	Tax exempt number	eInvoice attachment
<input type="text"/>	<a href="#">12345678904</a>	<input checked="" type="checkbox"/> Yes
	Prices include sales tax	<b>FREIGHT</b>
	<input type="checkbox"/> No	Freight accrual
		<input type="checkbox"/> No

# Generate e-invoice

- Execute Document > Send from Invoice journal
- Save in Electronic reporting destination
- Monitor in Electronic reporting jobs

Invoice journal | Standard view

### AA32024000000001 : Beema Türkiye

Invoice	Date	Currency
AA32024000...	9/2/2024	EUR
Voucher	Sales order	Invoice account
FIV-30000018		000026
Payment ID	Invoice amount	Name
	1,200.00	Beema Türkiye

Electronic reporting jobs

Standard view

Filter

Task description	Status	Created date and time
Send the eInvoice XML	Finished	3/26/2025 3:00:07 PM
Send the ePacking XML	Finished	4/2/2025 10:53:54 AM
Send the eInvoice XML	Finished	5/4/2025 2:21:07 PM

```
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:ext="urn:oasis
  <ext:UBLExtensions>
    <ext:ExtensionContent/>
  </ext:UBLExtensions>
  <cbc:CustomizationID>TR1.2</cbc:CustomizationID>
  <cbc:ProfileID>TEMELFATURA</cbc:ProfileID>
  <cbc:ID>AAA2024000000020</cbc:ID>
  <cbc:IssueDate>2025-05-04</cbc:IssueDate>
  <cbc:DueDate>2025-05-05</cbc:DueDate>
  <cbc:InvoiceTypeCode>SATIS</cbc:InvoiceTypeCode>
  <cbc:DocumentCurrencyCode>TRY</cbc:DocumentCurrencyCode>
  <cbc:BuyerReference/>
  <cac:AccountingSupplierParty>
    <cac:Party>
      <cbc:EndpointID schemeID="0088"/>
      <cac:PartyIdentification>
        <cbc:ID/>
      </cac:PartyIdentification>
      <cac:PartyName>
        <cbc:Name>Contoso Entertainment System Türkiye</cbc:Name>
```

E-ledger generation



OMXC25  
COPENHAGEN 25 INDEX  
1172.94 0.87% 9.46

OMXRG1  
OMX RIGA GI  
984.13 0.87% 8.01

INDEX  
INDEX RUSIA 1999

10916.69 10847.17 ~ Buy

57.2180 6025.9680 5993.7030 ~ Buy

OMXIS  
OMX ICELAND 8  
28289.06 27956.04 ~ Buy

SSE  
SHANGHAI STOCK EXCHANGE  
1632.51 -0.30%

6230.9 ~ Sell

1172.94 0.87%

# E-ledger

- Guarantees immutability, integrity, and source accuracy of books, which can be used as evidence before authorities
- Ensures that mandatory books are prepared in required electronic format
- Internationally adopted XBRL (eXtensible Business Reporting Language) standard for electronic report preparation

```
<edefter xmlns:gl-bus="http://www.xbrl.org/int/gl/bus/2006-10-25" xmlns:gl-cor="http
  <gl-cor:accountingEntries>
    <gl-cor:documentInfo>
      <gl-cor:entriesType>journal</gl-cor:entriesType>
      <gl-cor:uniqueID>100202401000001</gl-cor:uniqueID>
      <gl-cor:language>iso639:tr</gl-cor:language>
      <gl-cor:creationDate>2025-05-04</gl-cor:creationDate>
      <gl-bus:creator>Ted Howard</gl-bus:creator>
      <gl-cor:entriesComment>Contoso Entertainment Systems Istanbul</gl-cor:entriesCo
      <gl-cor:periodCoveredStart>2024-01-01</gl-cor:periodCoveredStart>
      <gl-cor:periodCoveredEnd>2024-01-31</gl-cor:periodCoveredEnd>
      <gl-bus:sourceApplication>Microsoft Dynamics 365 for Finance and Operations</gl
      <gl-muc:defaultCurrency>iso4217:EUR</gl-muc:defaultCurrency>
    </gl-cor:documentInfo>
    <gl-cor:entityInformation>
      <gl-bus:entityPhoneNumber>
        <gl-bus:phoneNumberDescription/>
        <gl-bus:phoneNumber/>
      </gl-bus:entityPhoneNumber>
      <gl-bus:entityFaxNumberStructure/>
      <gl-bus:entityEmailAddressStructure/>
      <gl-bus:organizationIdentifiers>
        <gl-bus:organizationIdentifier>100</gl-bus:organizationIdentifier>
        <gl-bus:organizationDescription>Contoso Entertainment Systems Istanbul</gl-bu
      </gl-bus:organizationIdentifiers>
      <gl-bus:organizationAddress>
        <gl-bus:organizationBuildingNumber/>
        <gl-bus:organizationAddressStreet/>
        <gl-bus:organizationAddressStreet2/>
        <gl-bus:organizationAddressCity>Suadiye Mah-Suadiye</gl-bus:organizationAdre
        <gl-bus:organizationAddressZipOrPostalCode>34740</gl-bus:organizationAddressZ
        <gl-bus:organizationAddressCountry>Turkey</gl-bus:organizationAddressCountry>
      </gl-bus:organizationAddress>
      <gl-bus:entityWebSite/>
      <gl-bus:businessDescription/>
      <gl-bus:fiscalYearStart>2024-01-01</gl-bus:fiscalYearStart>
      <gl-bus:fiscalYearEnd>2024-12-31</gl-bus:fiscalYearEnd>
```

# E-ledger mappings

Mapping of transactions to document types and payment methods based on voucher filters

Set up document type mapping for E-ledger

[+ New](#) [Delete](#)

<input type="radio"/>	<input type="refresh"/>	Transaction type	Voucher filter	E-ledger document type	Document type description	E-ledger method of payment	Use payment method mapping	Worker
<input type="radio"/>			140*	Other	Muhasebe fişi		<input type="checkbox"/>	Jodi Christiansen
			40*	Other	Muhasebe fişi		<input type="checkbox"/>	
			ARP*	Other	Muhasebe fişi		<input type="checkbox"/>	Jodi Christiansen
			EDT*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Sales order	CRN*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Sales order	FT*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Purchase order	PCN*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Purchase order	PIV*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Customer	FCV*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Customer	FIV*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Customer	FTC*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Customer	FTI*	Invoice			<input type="checkbox"/>	Jodi Christiansen
		Fixed assets	DEPR*	Other	Muhasebe fişi		<input type="checkbox"/>	Jodi Christiansen
		Vendor	HZ*	Invoice			<input type="checkbox"/>	Jodi Christiansen

# Reporting per Uniform Chart of Accounts

- Mapping of financial dimensions to main accounts of Uniform Chart of Accounts
- Exclusion of posting layers

Set up chart of accounts for E-ledger

---

**E-ledger**

Enable E-ledger chart of accounts ledg...  Yes

Dimension name

---

**Chart of accounts mapping**

[+ New](#) [Delete](#)

<input type="radio"/>	<input type="radio"/>	Dimension value	E-ledger main account	E-ledger main account description	E-ledger account group code	E-ledger account group description
<input checked="" type="radio"/>	<input type="radio"/>	100.10	100.10	TL KASASI	100	KASA
<input type="radio"/>	<input type="radio"/>	100.20	100.20	EUR KASASI	100	KASA
<input type="radio"/>	<input type="radio"/>	100.30	100.30	USD KASASI	100	KASA

# Reporting per branch

## Mapping of financial dimensions to branches

### E-ledger parameters

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#### Report parameters

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#### Branch

BRANCH INFORMATION	REPORTING PER BRANCH
E-ledger branch ID <input type="text"/>	Enable reporting per branch <input checked="" type="checkbox"/> Yes
Branch name <input type="text"/>	Dimension name <input type="text" value="Vendor"/>
Document creator <input type="text"/>	

---

#### Branch mapping

[+ New](#) [Delete](#)

<input type="radio"/>	<input type="radio"/>	E-ledger branch ID ↑	Branch name	Dimension value	Document creator
<input checked="" type="radio"/>	<input type="radio"/>	100	Contoso Entertainment Systems Istanbul	000001	Ted Howard
<input type="radio"/>	<input type="radio"/>	101	Contoso Entertainment Systems Ankara	1010	Pierre Hezi
<input type="radio"/>	<input type="radio"/>	102	Contoso Entertainment Systems Izmir	000004	Sara Thomas
<input type="radio"/>	<input type="radio"/>	103	Contoso Entertainment Systems Antalya	000002	Theresa Jayne

# Creating E-ledger book and assigning journal numbers

- Books are created per ledger calendar period
- E-ledger mappings are automatically executed
- Journal items are assigned unique numbers

Standard view ▾

## E-ledger and statutory ledger

Year  
2024 ▾

### Periods

Period name	Type	Short name	Period start	↑ End date	Month	Comments	Period status
Opening	Opening	Open	1/1/2024	1/1/2024	One		Permanently closed
Period 1	Operating		1/1/2024	1/31/2024	One		Permanently closed
Period 2	Operating		2/1/2024	2/29/2024	Two		Permanently closed
Period 3	Operating		3/1/2024	3/31/2024	Three		Permanently closed
Period 4	Operating		4/1/2024	4/30/2024	Four		Permanently closed
Period 5	Operating		5/1/2024	5/31/2024	Five		Permanently closed

### Statutory ledgers

Delete

<input type="radio"/> E-ledger branc...	Journal item numbered	Last journal item number	Journal debit total	E-ledger debit	Journal credit total	E-ledger credit De
<input checked="" type="radio"/> 100	Yes	43	4,042,367.27	4,042,367.27	4,261,907.00	4,261,907.00 ✓
<input type="radio"/> 101	Yes	61	328,370.40		328,370.40	
<input type="radio"/> 102	Yes	22	2,640.30		2,587.50	

# Review and send to pool

## Centralized review of ledger records before submission

Fiscal\_TR 2024 Period 1 : Fiscal\_TR 2024 Period 1 100 | Standard view

### Ledger item number

#### Overview

[Refresh](#) Automatic Manual [Voucher transactions](#)

Fiscal year: 2024 Period name: Period 1 E-ledger branch ID: 100

<input type="radio"/>	Ledger item number ↑	E. ∨	Document date	Voucher	Document number	E-ledger document type	Document type description	E-ledger method of payment	Total debit
<input type="radio"/>	24	100	1/3/2024	VINV000000001	PL12024000000001	Invoice			65,334.20
	25	100	1/4/2024	VINV000000002	PL12024000000002	Invoice			97,629.30
	26	100	1/5/2024	VINV000000003	PL12024000000003	Invoice			130,276.00
	27	100	1/6/2024	VINV000000004	PL12024000000004	Invoice			162,493.50
	28	100	1/7/2024	VINV000000005	PL12024000000005	Invoice			194,992.20
	29	100	1/8/2024	VINV000000006	PL12024000000006	Invoice			227,490.90

#### General journal account entry

<input type="radio"/>	E-ledger account group code	E-ledger main account	Main account	Account name	Debit or credit	Amount	Description	Di
<input type="radio"/>	770	GENEL YÖNETİM GİDERLERİ	770.01.301-000001	OTech Trade Co.	Debit	54,445.28		00
	320	TEDARİKÇİLER	320.01.001	YURTIÇİ TEDARİKÇİLER	Credit	65,334.20		00

# Validate and send

Export of electronic format and printing of Statutory Ledger Book and Statutory General Journal

Finance and Operations Review

Search for a page

Create e-ledger file Delete all Voucher transactions **Statutory ledgers** Options

**Statutory ledgers**

Statutory ledger book  
Statutory general journal

TRMF-000141 : Fiscal\_TR 2024 Period 1 | Standard view

### E-ledger pool

Overview

Fiscal year: 2024  
Period name: Period 1  
E-ledger branch ID: 100

<input type="radio"/>	Fiscal calendar period reference	E..	Name	Ledger item number	Document reference	Document date	E-ledger d
<input checked="" type="radio"/>	Fiscal_TR 2024 Period 1	100	Contoso Entertainment Sy...	24	VINV000000001	1/3/2024	Invoice
<input type="radio"/>	Fiscal_TR 2024 Period 1	100	Contoso Entertainment Sy...	25	VINV000000002	1/4/2024	Invoice
<input type="radio"/>	Fiscal_TR 2024 Period 1	100	Contoso Entertainment Sy...	26	VINV000000003	1/5/2024	Invoice
<input type="radio"/>	Fiscal_TR 2024 Period 1	100	Contoso Entertainment Sy...	27	VINV000000004	1/6/2024	Invoice
<input type="radio"/>	Fiscal_TR 2024 Period 1	100	Contoso Entertainment Sy...	28	VINV000000005	1/7/2024	Invoice
<input type="radio"/>	Fiscal_TR 2024 Period 1	100	Contoso Entertainment Sy...	29	VINV000000006	1/8/2024	Invoice

Lines

# Electronic reporting for E-ledger

- Based on Standard audit file (SAF-T)
- Derived TR model
- E-ledger model mapping (TR)
- XBRL GL (TR) (XML)
- Statutory ledger book (TR) (Excel)
- Statutory general journal (TR) (Excel)

- ▲ Standard Audit File (SAF-T)
  - ▲ (preview) Audit File (SAF-T) (TR)
    - (Preview) E-Ledger Model mapping (TR)
    - (preview) Statutory General Journal (TR) (Excel)
    - (preview) Statutory Ledger Book (TR) (Excel)
    - (Preview) XBRL GL (TR) (XML)

# XBRL export

```
▼ <edefter xmlns:gl-bus="http://www.xbrl.org/int/gl/bus/2006-10-25" xmlns:gl-cor="http://www.xbrl.org/int/gl/cor/2006-10-25" xmlns:gl-muc="http://www.xbrl.org/int/gl/muc/2006-10-25"
  ▼ <gl-cor:accountingEntries>
    ▼ <gl-cor:documentInfo>
      <gl-cor:entriesType>journal</gl-cor:entriesType>
      <gl-cor:uniqueID>100202401000001</gl-cor:uniqueID>
      <gl-cor:language>iso639:tr</gl-cor:language>
      <gl-cor:creationDate>2025-05-04</gl-cor:creationDate>
      <gl-bus:creator>Ted Howard</gl-bus:creator>
      <gl-cor:entriesComment>Contoso Entertainment Systems Istanbul</gl-cor:entriesComment>
      <gl-cor:periodCoveredStart>2024-01-01</gl-cor:periodCoveredStart>
      <gl-cor:periodCoveredEnd>2024-01-31</gl-cor:periodCoveredEnd>
      <gl-bus:sourceApplication>Microsoft Dynamics 365 for Finance and Operations</gl-bus:sourceApplication>
      <gl-muc:defaultCurrency>iso4217:EUR</gl-muc:defaultCurrency>
    </gl-cor:documentInfo>
    ▼ <gl-cor:entityInformation>
      ▼ <gl-bus:entityPhoneNumber>
        <gl-bus:phoneNumberDescription/>
        <gl-bus:phoneNumber/>
      </gl-bus:entityPhoneNumber>
      <gl-bus:entityFaxNumberStructure/>
      <gl-bus:entityEmailAddressStructure/>
      ▼ <gl-bus:organizationIdentifiers>
        <gl-bus:organizationIdentifier>100</gl-bus:organizationIdentifier>
        <gl-bus:organizationDescription>Contoso Entertainment Systems Istanbul</gl-bus:organizationDescription>
      </gl-bus:organizationIdentifiers>
      ▼ <gl-bus:organizationAddress>
        <gl-bus:organizationBuildingNumber/>
        <gl-bus:organizationAddressStreet/>
        <gl-bus:organizationAddressStreet2/>
        <gl-bus:organizationAddressCity>Suadiye Mah-Suadiye</gl-bus:organizationAddressCity>
        <gl-bus:organizationAddressZipOrPostalCode>34740</gl-bus:organizationAddressZipOrPostalCode>
        <gl-bus:organizationAddressCountry>Turkey</gl-bus:organizationAddressCountry>
      </gl-bus:organizationAddress>
      <gl-bus:entityWebSite/>
      <gl-bus:businessDescription/>
      <gl-bus:fiscalYearStart>2024-01-01</gl-bus:fiscalYearStart>
      <gl-bus:fiscalYearEnd>2024-12-31</gl-bus:fiscalYearEnd>
```

# Statutory ledger book and general journal

A	B	C	D	E	F	G	H
1							
2	<b>Accounting Period</b>	2024-01-31 - 2024-01-01					
3	<b>Branch</b>	100					
4	<b>User Identifier</b>	Ted Howard					
5	<b>Statutory Ledger Book</b>						
6							
7	102						
8	<b>Ledger item number</b>	<b>Voucher Line Number</b>	<b>Document Date</b>	<b>Main Account ID</b>	<b>Main Account Name</b>	<b>Description</b>	<b>Debit Amount</b> <b>Credit Amount</b>
9	38	26	1/15/2024	102	BANKA HESAPLARI		2139306
10					<b>Total</b>		2139306
11							
12	320						
13	<b>Ledger item number</b>	<b>Voucher Line Number</b>	<b>Document Date</b>	<b>Main Account ID</b>	<b>Main Account Name</b>	<b>Description</b>	<b>Debit Amount</b> <b>Credit Amount</b>
14	24	2	1/3/2024	320	TEDARIKÇİLER		65334.2
15	25	4	1/4/2024	320	TEDARIKÇİLER		97629.3
16	26	6	1/5/2024	320	TEDARIKÇİLER		130276
17	27	8	1/6/2024	320	TEDARIKÇİLER		162493.5
18	28	10	1/7/2024	320	TEDARIKÇİLER		194992.2
19	29	12	1/8/2024	320	TEDARIKÇİLER		227490.9
20	30	14	1/9/2024	320	TEDARIKÇİLER		261120.8
21	31	16	1/10/2024	320	TEDARIKÇİLER		294344.1
22	32	18	1/11/2024	320	TEDARIKÇİLER		327240
23	34	21	1/12/2024	320	TEDARIKÇİLER		361680
24	38	25	1/15/2024	320	TEDARIKÇİLER		2139306
25					<b>Total</b>		2139306   2122601
26							
27	770						
28	<b>Ledger item number</b>	<b>Voucher Line Number</b>	<b>Document Date</b>	<b>Main Account ID</b>	<b>Main Account Name</b>	<b>Description</b>	<b>Debit Amount</b> <b>Credit Amount</b>
29	24	1	1/3/2024	770	GENEL YÖNETİM GİDEF		54445.28
30	25	3	1/4/2024	770	GENEL YÖNETİM GİDEF		81357.75
31	26	5	1/5/2024	770	GENEL YÖNETİM GİDEF		108563.22
32	27	7	1/6/2024	770	GENEL YÖNETİM GİDEF		135411.36

A	B	C	D	E	F	G	H
1							
2	<b>Accounting Period</b>	2024-01-01 - 2024-01-31					
3	<b>Branch</b>	100					
4	<b>User Identifier</b>	Ted Howard					
5	<b>Statutory General Journal</b>						
6							
7	<b>Ledger item number</b>	<b>Voucher line number</b>	<b>Document Date</b>	<b>Main Account ID</b>	<b>Main Account Name</b>	<b>Description</b>	<b>Debit Amount</b> <b>Credit Amount</b>
8	24	1	1/3/2024	770.01.301,000001	OTech Trade Co.		54445.28
9	24	2	1/3/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		65334.2
10	25	3	1/4/2024	770.01.301,000001	OTech Trade Co.		81357.75
11	25	4	1/4/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		97629.3
12	26	5	1/5/2024	770.01.301,000001	OTech Trade Co.		108563.22
13	26	6	1/5/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		130276
14	27	7	1/6/2024	770.01.301,000001	OTech Trade Co.		135411.36
15	27	8	1/6/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		162493.5
16	28	9	1/7/2024	770.01.301,000001	OTech Trade Co.		162493.5
17	28	10	1/7/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		194992.2
18	29	11	1/8/2024	770.01.301,000001	OTech Trade Co.		189575.64
19	29	12	1/8/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		227490.9
20	30	13	1/9/2024	770.01.301,000001	OTech Trade Co.		217600.78
21	30	14	1/9/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		261120.8
22	31	15	1/10/2024	770.01.301,000001	OTech Trade Co.		245286.75
23	31	16	1/10/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		294344.1
24	32	17	1/11/2024	770.01.301,000001	OTech Trade Co.		272699.89
25	32	18	1/11/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		327240
26	33	19	1/11/2024	770.01.301,000001	OTech Trade Co.		2974.94
27	34	20	1/12/2024	770.01.301,000001	OTech Trade Co.		301400.11
28	34	21	1/12/2024	320.01.001	YURTIÇİ TEDARIKÇİLER		361680
29	35	22	1/12/2024	770.01.301,000001	OTech Trade Co.		5978.24
30	36	23	1/13/2024	770.01.301,000001	OTech Trade Co.		8976.2
31	37	24	1/14/2024	770.01.301,000001	OTech Trade Co.		11968.27



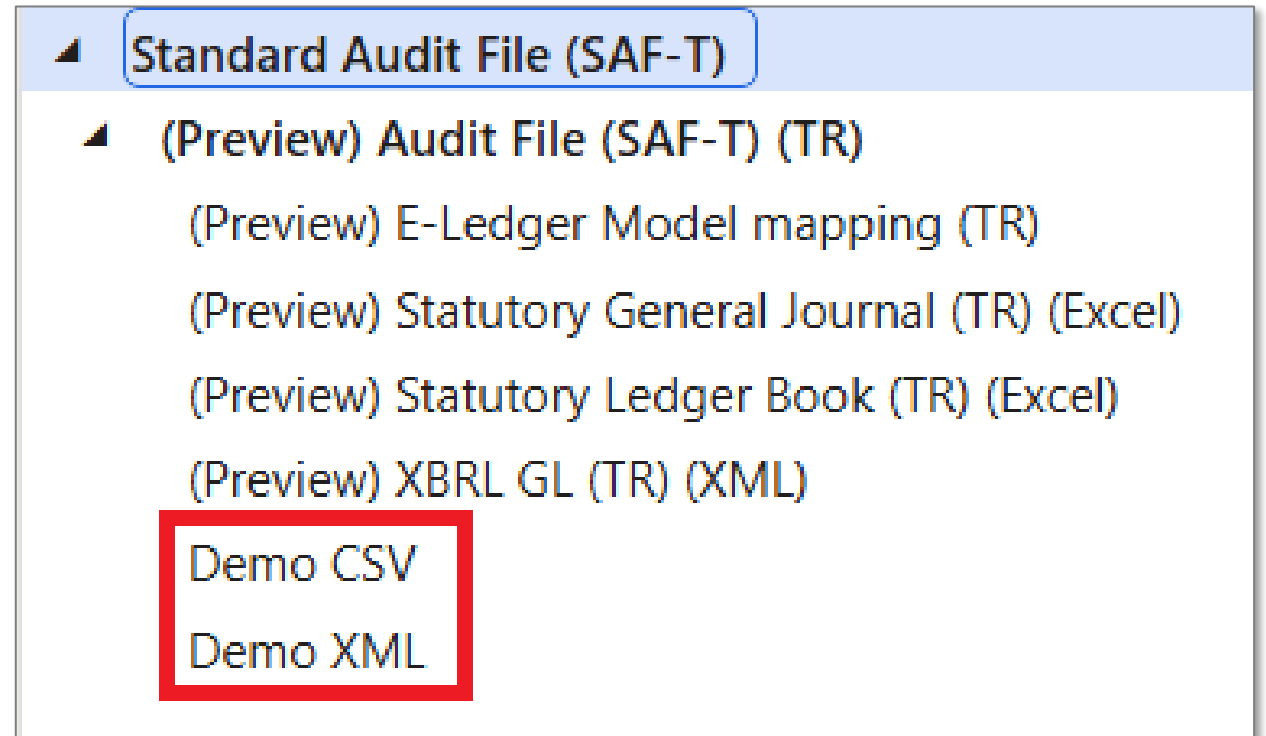
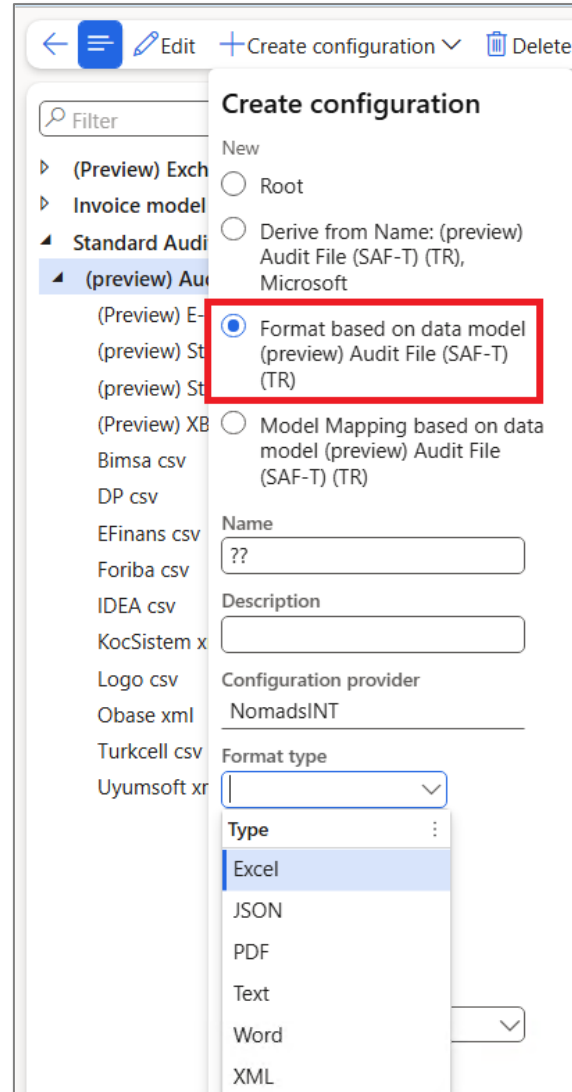
The background image shows a financial market data interface. It features several rows of stock indices with their respective values and percentage changes. A prominent line chart is visible in the center, showing a sharp upward spike followed by a decline. The overall aesthetic is dark with blue and red highlights.

**E-ledger (custom integrators)**

# Data model

GeneralJournalAccountEntry	ELJournalNumberTR	ELOutgoingPoolTR	ELOutgoingPoolLineTR	Standard Audit File (SAF-T)			XBRL-TR
	BranchId	BranchId		Journal	BranchId		BranchID
	EDEntryComment	EntryComment		Journal	Description		entryComment
				Journal	EndDate		endDate
	JournalNum	JournalNum		Journal	JournalID		entryNumber
		LineCount		Journal	LineCount		entryNumberCounter
				Journal	StartDate		startDate
AccountingCurrencyAmount (SUM)		TotalCredit		Journal	TotalCredit		totalCredit
AccountingCurrencyAmount (SUM)		TotalDebit		Journal	TotalDebit		totalDebit
	HcmWorkerRecId	HcmWorkerRecId		Journal	Transaction	UserID	enteredBy
		createdDateTime		Journal	Transaction	SystemEntryDate	enteredDate
	EDDocumentTypeDescription	DocumentTypeDescription		Journal	Transaction	OriginalDocumentType	documentTypeDescription
AccountingDate			PostingDate	Journal	Transaction	GLPostingDate	postingDate
	BranchDescription	BranchDescription		Journal	Transaction	Description	BranchDescription
	JournalNum	JournalNum		Journal	Transaction	Lines	lineNumber
AccountingDate		AccountingDate		Journal	Transaction	JournalID	documentDate
	DocumentNumber	DocumentNumber		Journal	Transaction	AccountingDate	documentNumber
SubledgerVoucher		DocumentReference		Journal	Transaction	SourceDocumentID	documentReference
	DocumentType	DocumentType		Journal	Transaction	ReferenceNumber	documentReference
			VoucherLineNum	Journal	Transaction	SourceDocumentType	documentType
MainAccountId			AccountMainID	Journal	Transaction	RecordID	lineNumberCounter
MainAccountId.Name			AccountName	Journal	Transaction	AccountID	accountMainID
MainAccountId (Total)			AccountSubId	Journal	Transaction	AccountName	accountMainDescription
MainAccountId (Toal).Name			AccountSubName	Journal	Transaction	AnalysisType	accountSubDescription
AccountingCurrencyAmount			Amount	Journal	Transaction	AnalysisID	accountSubID
AccountingCurrencyAmount			Amount	Journal	Transaction	DebitAmount	amount
IsCredit			DebitCreditCode	Journal	Transaction	CreditAmount	amount
	EDPaymentMethod		PaymentMethod	Journal	Transaction	DebitCredit	debitCreditCode
Text			DetailComment	Journal	Transaction	PaymentMethod	paymentMethod
				Journal	Transaction	Description	detailComment

# E-Ledger (custom Integrator)



# File splitter (pattern)

(Preview) XBRL GL (TR) (XML) : 7 | Standard view ▾

## Format designer

Bind Unbind View formula ...

Format Mapping Transformations Validations

Bind + Add root ▾ + Add ▾ View Delete Show name first Group view Search + Cache

- ZIP: Folder
  - XBRL: File = '\$FileNameNumber'**
    - edefter: XML Element 1..1
      - xmlns:gl-bus: XML Attribute = "http://w"
      - xmlns:gl-cor: XML Attribute = "http://w"
      - xmlns:gl-muc: XML Attribute = "http://w"
    - gl-cor:accountingEntries: XML Element 1
      - gl-cor:documentInfo: XML Element 1..1
      - gl-cor:entityInformation: XML Element
      - gl-cor:entryHeader: XML Element 1..\*

#Container: Container

- ELedgerSetup: Container
  - Lines: Calculated field = "Lines": String
- ELedgerSetup\_ENUM: Format enumeration ELedgerSetup
  - Voucher lines(lines): ELedgerSetup Enumeration value
- ELedgerSetup\_Lookup: Lookup based on format enumeration 'ELedgerSetup'
  - IsLookupResultSet: Boolean (value: ELedgerSetup)
  - Lookup: ELedgerSetup Enumeration value (Lines: String)
  - Setting: Record list
- LineInt: Calculated field = WHERE(@.ELedgerSetup\_Lookup.Setting, @.ELedgerSetup\_Lookup.Setting.'Lookup result'=@.ELedgerSetup\_ENUM.Lines): Record list
  - Lines: String
  - Lookup result: Enum
- \$FileNameNumber: Calculated field = ENUMERATE(XMLSplitter): Record list**
  - Number: Integer
  - Value: Record
- model: Data model (preview) Audit File (SAF-T) (TR)
- XMLSplitter: Calculated field = SPLITLIST(model.GeneralLedgerEntries.Journal, INTVALUE('#Container'.LineInt.Lines)): Record list**
  - BatchNumber: Integer
  - Value: Record list

# Steps to take

- Create your derived format
- Copy the file splitter content from the XBRL
  - Step 1 **#Container**
  - Step 2 **Format Emulations**
  - Step 3 **XMLSplitter**
  - Step 4 **\$FileNameNumber**
- Create the format
- Map your fields
- Allow run draft
- Enable data debug format

### Application specific parameters

State:  Description:

#### Lookups

<input type="radio"/>	Name	Label	Description	Cross
<input checked="" type="radio"/>	ELedgerSetup_Lookup	Voucher lines	A voucher can have multiple lines	

#### Conditions

Columns: [+ Add](#) [Delete](#) [Move up](#) [Move down](#)

<input type="radio"/>	<input type="checkbox"/>	Lookup result	Label	Description	Line	Lines
<input checked="" type="radio"/>	<input type="checkbox"/>	lines	Voucher lines		1	100

```
CONCATENATE(  
    model.Entity,  
    DATEFORMAT(model.SelectionCriteria.SelectionStartDate,"yyyyMM"),  
    PADLEFT(text('$FileNameNumber'.Number),6,"0"))
```

100202401000001.xml  
100202401000002.xml  
100202401000003.xml

# CSV mapping

```
ZIP: Folder
└─ bimsa: File = '$FileNameNumber'
  └─ Bimsa: Sequence
    └─ Header: Sequence 1..1
      V2-HDR:: String = "V2-HDR:"
      JOURNAL: String = "JOURNAL"
      StartCalender: String = DATEFORMAT(Model.FiscalYearFrom, "yyyy-MM-dd")
      EndCalender: String = DATEFORMAT(Model.FiscalYearTo, "yyyy-MM-dd")
      StartDate: String = DATEFORMAT(Model.GeneralLedgerEntries.Journal.EndDate, "yyyy-MM-dd")
      EndDate: String = DATEFORMAT(Model.GeneralLedgerEntries.Journal.EndDate, "yyyy-MM-dd")
      YEV000001: String = CONCATENATE("YEV", DATEFORMAT(Model.GeneralLedgerEntries.Journal.StartDate, "yyyyMM"), "000001")
      Arası YD: String = CONCATENATE(DATEFORMAT(Model.GeneralLedgerEntries.Journal.StartDate, "yyyy-MM-dd"), "/", DATEFORMAT(Model.GeneralLedgerEntries.Journal.EndDate, "yyyy-MM-dd"))
      documentCreator: String = Model.UserID
    └─ body: Sequence = XMLSplitter.Value
      └─ lineY: Sequence 1..*
        Y: String = "Y:"
        JournalNum: String = @.JournalNum
        TotalDebit: String = @.TotalDebit
        TotalCredit: String = @.TotalCredit
        PostingDate: String = @.Transaction.GLPostingDate
        DocumentReference: String = @.Transaction.Line.ReferenceNumber
        DetailComment: String = @.Transaction.Line.Description
        EnteredBy: String = @.Transaction.UserID
      └─ lineYD: Sequence 1..* = @.Transaction.Line
        YD: String = "YD:"
        AccountMainID: String = @.AccountID
        AccountName: String = @.AccountName
        VoucherLineNum: String = @.RecordID
        AccountSubId: String = @.Analysis.AnalysisID
        AccountSubName: String = @.Analysis.AnalysisType
        Amount: String = "F2"
        DebitCreditCode: String = @.DebitCredit
        PaymentMethod: String = @.PaymentMethod
        DocumentTypeeld: String = @.SourceDocumentType
        DocumentTypeDescription: String = @.SourceDocumentID
        DocumentNumber: String = @.SourceDocumentID
        DocumentDate: String = DATEFORMAT(@.AccountingDate, "yyyy-MM-dd")
        DetailComment: String = @.Description
```

# CSV output

```
2-HDR:"JOURNAL""2024-01-01""2024-12-31""2024-01-31""2024-01-31""YEV202401000001""2024-01-01/2024-01-01"
: "24" "54445.28" "65334.20" "01/03/2024 00:00:00" "VINV000000001" "" "Julia Funderburk"
D: "770" "GENEL YÖNETİM GİDERLERİ" "1" "770.01.301,000001" "OTech Trade Co." "F2" "D" "" "Invoice"
D: "320" "TEDARİKÇİLER" "2" "320.01.001" "YURTIÇİ TEDARİKÇİLER" "F2" "C" "" "Invoice" "PL1202400000"
: "25" "81357.75" "97629.30" "01/04/2024 00:00:00" "VINV000000002" "" "Julia Funderburk"
D: "770" "GENEL YÖNETİM GİDERLERİ" "3" "770.01.301,000001" "OTech Trade Co." "F2" "D" "" "Invoice"
D: "320" "TEDARİKÇİLER" "4" "320.01.001" "YURTIÇİ TEDARİKÇİLER" "F2" "C" "" "Invoice" "PL1202400000"
: "26" "108563.22" "130276.00" "01/05/2024 00:00:00" "VINV000000003" "" "Julia Funderburk"
D: "770" "GENEL YÖNETİM GİDERLERİ" "5" "770.01.301,000001" "OTech Trade Co." "F2" "D" "" "Invoice"
D: "320" "TEDARİKÇİLER" "6" "320.01.001" "YURTIÇİ TEDARİKÇİLER" "F2" "C" "" "Invoice" "PL1202400000"
: "27" "135411.36" "162493.50" "01/06/2024 00:00:00" "VINV000000004" "" "Julia Funderburk"
D: "770" "GENEL YÖNETİM GİDERLERİ" "7" "770.01.301,000001" "OTech Trade Co." "F2" "D" "" "Invoice"
D: "320" "TEDARİKÇİLER" "8" "320.01.001" "YURTIÇİ TEDARİKÇİLER" "F2" "C" "" "Invoice" "PL1202400000"
: "28" "162493.50" "194992.20" "01/07/2024 00:00:00" "VINV000000005" "" "Julia Funderburk"
D: "770" "GENEL YÖNETİM GİDERLERİ" "9" "770.01.301,000001" "OTech Trade Co." "F2" "D" "" "Invoice"
D: "320" "TEDARİKÇİLER" "10" "320.01.001" "YURTIÇİ TEDARİKÇİLER" "F2" "C" "" "Invoice" "PL1202400000"
```

Initial setup



# Initial setup

1. Set up an environment with 10.0.44
2. Activate in Feature management:  
**(Preview) Globalization expansion - Türkiye**
3. Reset number sequences (Option below Manual cleanup)
4. Use demo data company for Türkiye (TRSI) (when it's available)
5. Alternative: use FRRT
  - i. Change country of FRRT to TUR
  - ii. Generate number sequences (wizard)
6. Refresh data entities
7. Import electronic reporting configurations

E-ledger branch parameters entity (TR)
E-ledger delivery parameters entity (TR)
E-ledger dimension main account entity (TR)
E-ledger excluded layers entity (TR)
E-ledger fiscal calendar period entity (TR)
E-ledger journal number entity (TR)
E-ledger main account mapping entity (TR)
E-ledger outgoing pool entity (TR)
E-ledger outgoing pool line entity (TR)
E-ledger parameter setup entity (TR)
E-ledger payment methods by accounts entity (TR)
Exchange difference invoice line (TR)
Exchange difference invoice settlement (TR)
...
...le (TR)
...parameters (TR)

**Feature management**  
Do not enable new features automatically

New	Not enabled	Scheduled	Enable all	Check for updates
1	353	1		

New Not enabled Scheduled All

Filter

Feature name	Status
(Preview) Globalization expansion - Türkiye	✓

**(Preview) Globalization expansion...** ✓  
Feature added 7/31/2024  
Other  
[Learn more](#)

This feature was enabled on 7/31/2024

Description  
Enables globalization functionality for Türkiye.

# Demo data (TRSI)

- Vendors
- Customers
- Released products
- Main accounts & structures
- Address setup in Global address book
- Exchange rate setup
- Setup of various features for Türkiye
  - Serial numbering
  - Exchange difference invoicing
  - E-invoice
  - E-ledger

Standard view ∨

## Ledger

Description: TR | Chart of accounts: Türkiye | Fiscal calendar: Fiscal\_TR | Balancing financial dimension: ∨

### Account structures

+ Add ∨ | Remove | Configure account structures

Account structure	Name
TR - Main accounts	TR - Main accounts
TR - Main accounts + Customer	TR - Main accounts + Customer
TR - Main accounts + Vendor	TR - Main accounts + Vendor
TR	TR

### Currency

Accounting currency: TRY | Accounting currency exchange ra...: Forex Buying ∨ | Budget exchange rate type: Budget ∨

Reporting currency: USD | Reporting currency exchange rat...: Forex Buying ∨

### Accounts for currency revaluation

Posting	Main account	Name
Realized gain	646.01.001 <span>∨</span>	HESAP PLANI - KUR FARKI GELİRLERİ
Realized loss	656.01.001	GENEL MUHASEBE - KUR FARKI GİDERLERİ
Unrealized gain	646.01.001	HESAP PLANI - KUR FARKI GELİRLERİ
Unrealized loss	656.01.001	GENEL MUHASEBE - KUR FARKI GİDERLERİ

# Migration



# High-Level Rollout Plan

---

## Preparation Phase

Assess impact: Identify legacy ISV components in use per customer.

Review Microsoft OOB coverage: Confirm that OOB features meet the same functional requirements.

Prepare migration tooling: Develop scripts/templates for code refactoring and data migration.

---

## Build & Test Phase

Code migration: Replace ISV dependencies with OOB equivalents.

Data migration: Prepare and validate mappings from old to new tables/structures.

Test environments: Deploy to customer test environments for validation.

---

## Rollout Execution

Pilot rollout: Select a low-risk customer to validate end-to-end process.

Phased rollout: Schedule remaining customers in manageable waves.

Go-live support: Provide hyper care after cutover to monitor performance and resolve issues.

---

## Post-Migration

Decommission legacy components: Remove old code and tables once stable.

Documentation & training: Provide updated user guides and admin notes.

Feedback loop: Gather lessons learned and adjust future rollouts.

---

# Go live



## Install Models

Install the **migration** model that includes the Microsoft OOB (out-of-the-box) features intended to **replace** the ISV components.



## Maintenance Mode On

Temporarily disable system access for changes or transactions, ensuring no new data is added or altered during migration.



## Activate MS Feature

Turn on the corresponding Microsoft features that will replace the legacy ISV components.  
Ensure OOB features are properly configured and integrated into the system as per the requirements.



## Data Migration

Execute the data migration scripts to transfer data from legacy ISV models to the new OOB tables.  
Perform validation to ensure data is accurately migrated, without corruption or loss.



## Remove Model

Remove the **legacy** ISV and **migration** model and any associated dependencies from the system.



## Clean Up Data Structures:

Remove obsolete tables, views, and data relationships linked to the old ISV model.



## Maintenance Mode Off

Once the migration is complete, bring the system back online and open it up for user access.

# Data model

Module	type	Legacy ISV solution	Microsoft OOB localization
Currency Conversion	transaction	CustInvoiceTable	CustInvoiceTable_W
Currency Conversion	setup	MainAccountLegalEntity	<b>Discontinue</b>
Currency Conversion	setup	PurchParameters	<b>Discontinue</b>
Currency Conversion	setup	SalesParameters	<b>Discontinue</b>
Currency Conversion	transaction	CustInvoiceJour	MS standard
Currency Conversion	transaction	PurchTable	MS standard
Currency Conversion	transaction	SalesTable	MS standard
E ledger	setup	ABEDDocumentTypeParameters	<b>Discontinue</b>
E ledger	setup	ABEDVoucherTypeParameters	<b>Discontinue</b>
E ledger	setup	ABEDBranchParameters	ELBranchParametersTR
E ledger	setup	KTRELedgerCOA	ELCOATR
E ledger	setup	KTRELedgerDimensionMainAccount	ELDimensionMainAccountTR
E ledger	setup	KTRELedgerExcludeLayers	ELExcludeLayersTR
E ledger	transaction	ABTRJournalNumber	ELJournalNumberTR
E ledger	transaction	ABEDOutGoingPoolLine	ELOutGoingPoolLineTR
E ledger	transaction	ABEDOutGoingPool	ELOutGoingPoolTR
E ledger	setup	ABEDParameterSetup	ELParameterSetupTR
E ledger	setup	ABEDParameters	ELParametersTR
E ledger	setup	ABEDPaymentMethodsByAccounts	ELPaymentMethodsByAccountsTR
Exchange Difference Invoicing	setup	ABExchAdjAccounts	<b>Discontinue</b>
Exchange Difference Invoicing	setup	TRLOCCustVendSettlementExchAdjDifference	<b>Discontinue</b>
Exchange Difference Invoicing	transaction	ABExchAdjInvoiceLine	EDInvoiceLineTR
Exchange Difference Invoicing	transaction	ABExchAdjInvoiceSettlement	EDInvoiceSettlementTR
Exchange Difference Invoicing	transaction	ABExchAdjInvoiceTable	EDInvoiceTableTR
Exchange Difference Invoicing	setup	ABExchAdjParameters	EDParametersTR
Exchange rate import	setup	ABERExchangeType	<b>Discontinue</b>
Exchange rate import	transaction	ABERECbExchDates	<b>Discontinue</b>
Exchange rate import	transaction	ABERECbExchRatesTable	<b>Discontinue</b>
Print serials	setup	ABEDespatchGIBUserList	<b>Discontinue</b>
Print serials	setup	ABEDespatchTypeTable	<b>Discontinue</b>
Print serials	setup	ABEIGIBUserList	<b>Discontinue</b>
Print serials	setup	ABEIFormatTable	PSFormatTableTR
Print serials	transaction	ABEISeriesLine	PSSerialLineTR
Print serials	transaction	ABEISeriesTable	PSSerialTableTR



Q & A

# Thank You

