

Currency Rates Import for Microsoft Dynamics 365 Business Central



Automatic import of exchange rates from ECB, Bank of England, Riksbank and other providers

i This guide explains how to set up automatic currency rate synchronization in Business Central using certified services and open data providers. Designed for financial managers and administrators who need reliable exchange rates for accounting and reporting.

✔ What's Inside
Assisted Setup wizard walkthrough.
List of supported rate providers
Configuration of filters and authentication
Job Queue scheduling
Manual override and preview options
Transformation rule: "NEXTDATE" explained

Version: 1.0 – April 2025

Website: <https://www.jemel.lv>

Support: info@jemel.lv

Automatic Foreign Currency Rates Import in Microsoft Dynamics 365 Business Central [↗](#)

To facilitate automatic import of foreign currency rates, Microsoft Dynamics 365 Business Central offers Currency Exchange Rate Services. You can specify multiple sources for currency rates import, with filter on which currency to import from what source.

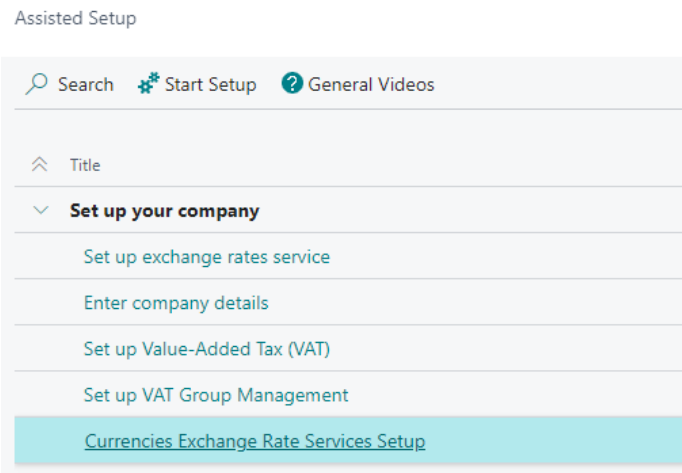
Some European countries have national currencies, and their National Banks publish foreign currency rates. Other currency rate sources need to provide authentication. To import this data into Business Central, additional configuration may be required.

Supported Services:

- European Central Bank
- Sveriges Riksbank (National Bank of Sweden)
- Bank of England (National Bank of the United Kingdom)
- Danmarks Nationalbank (National Bank of Denmark)
- Open Exchange Rates - open source for exchange rate data

Setup [↗](#)

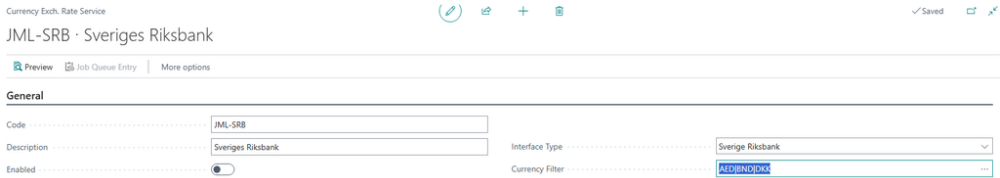
1. After installation, open the Assisted Setup list and select "Currencies Exchange Rate Services Setup."



2. Follow the setup wizard instructions to choose the desired service from the provided list:



3. Upon completion, the system will display a list of created Currency Exchange Rate services. Enable the service for automatic import by switching the "Enable" field and accepting the terms and conditions when prompted.



4. User can set "Currency filter" field - that filter specifies which currency rates user wants to import from current source.

5. For some services user may need to specify Authentication information - user and/or Password/Key

Currency Exch. Rate Service

JML-OER · Open Exchange Rates

Preview Job Queue Entry More options

General >

Service

Service URL: Terms of Service:

Service Provider: Password / Key:

Usage

Preview of currency rates

From the Currency Exchange Rate Service card, click "Preview" to view the results of the current currency rate import in a new page.

Currency Exchange Rates

Search Analyze + New Edit List Delete

Starting Date ↑	Currency Code ↑	Relational Currency Code	Exchange Rate Amount	Relational Exch. Rate Amount
12/27/2023	AUD	SEK	1.0	6.8435
12/27/2023	BGN	SEK	1.0	5.658

Manual currency rates import

Manually update currency rates by opening the Currency list and selecting the action "Update Exchange Rate." This action uses the enabled Currency Exchange Rate Service.

Currencies

Search Analyze + New Edit List Delete Edit View Home Exchange Rate Service

Update Exchange Rates Exchange Rate Services

Get the latest currency exchange rates from a service provider.

Code ↑	Description	ISO Code	ISO Numeric Code	Exchange Rate Date	Exchange Rate	EMU Curr...	Realized C Acc.
→ AED	United Arab Emi...	AED	784	—	0	<input type="checkbox"/>	9330
AUD	Australian dollar	AUD	036	12/28/2023	4.6103	<input type="checkbox"/>	9330

Automatic currency rates import

From the Currency Exchange Rate Service card, select the action "Job Queue Entry" to set the frequency and start time for automatic currency import.

Currency Exch. Rate Service

JML-SRB · Sveriges Riksbank

Preview Job Queue Entry Automate Fewer options

General

Code: JML-SRB

Description: Sveriges Riksbank

Enabled: ☒

Note

Some currency rate providers, like the European Central Bank, publish updates at specific times (e.g., every working day at around 16:00 CET). To ensure one rate value for the entire working day, a "NEXTDATE" Transformation Rule is created in the system, automatically converting the rate date to the next day.

Currency Exch. Rate Service

JML-ECB · European Central Bank

Preview Job Queue Entry Automate Fewer options

General

Service

Field Mapping New Line Delete Line Data Exchange Definition

Caption	Source	Default Value	Transformation Rule
Field Mapping	/gesmes:Envelope/Cube/Cube/Cube		
Field Mapping	/gesmes:Envelope/Cube/Cube/Cube/@currency		
Field Mapping	/gesmes:Envelope/Cube/Cube/Cube/@time		NEXTDATE
Field Mapping	/gesmes:Envelope/Cube/Cube/Cube/@rate		
Field Mapping	-	EUR	
Field Mapping	-	1	

The use of this rule is not mandatory, user can remove transformation rule in Data Exchange setup.