

SOLUTION DESIGN DOCUMENTD365LOC REV 0
DATED 05.04.2023**Document Code** D365LOC

Solution Design Document

D365LOC – Functionalities

Project

D365 Macedonian Localization

SOLUTION DESIGN DOCUMENTD365LOC REV 0
DATED 05.04.2023**Authorization Signatures**

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Customer Approver:	NA				

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1 INTRODUCTION

1.1 Scope

The present document describes the new functionalities for D365 Macedonian localization, which are as follows:

1. Macedonian Language translation
2. Macedonian Payroll module, integrated with Human Resources Module and with government software for payroll calculation MPIN
3. Generating and uploading reports for VAT (DDV-04) to e-tax.
4. Validation of Macedonian Tax identification number
5. KIPO report
6. Automatic daily currency exchange rate import from NBRM (Macedonian National Bank) to D365
7. Localization for compensations
8. Warehouse financial dimension link.

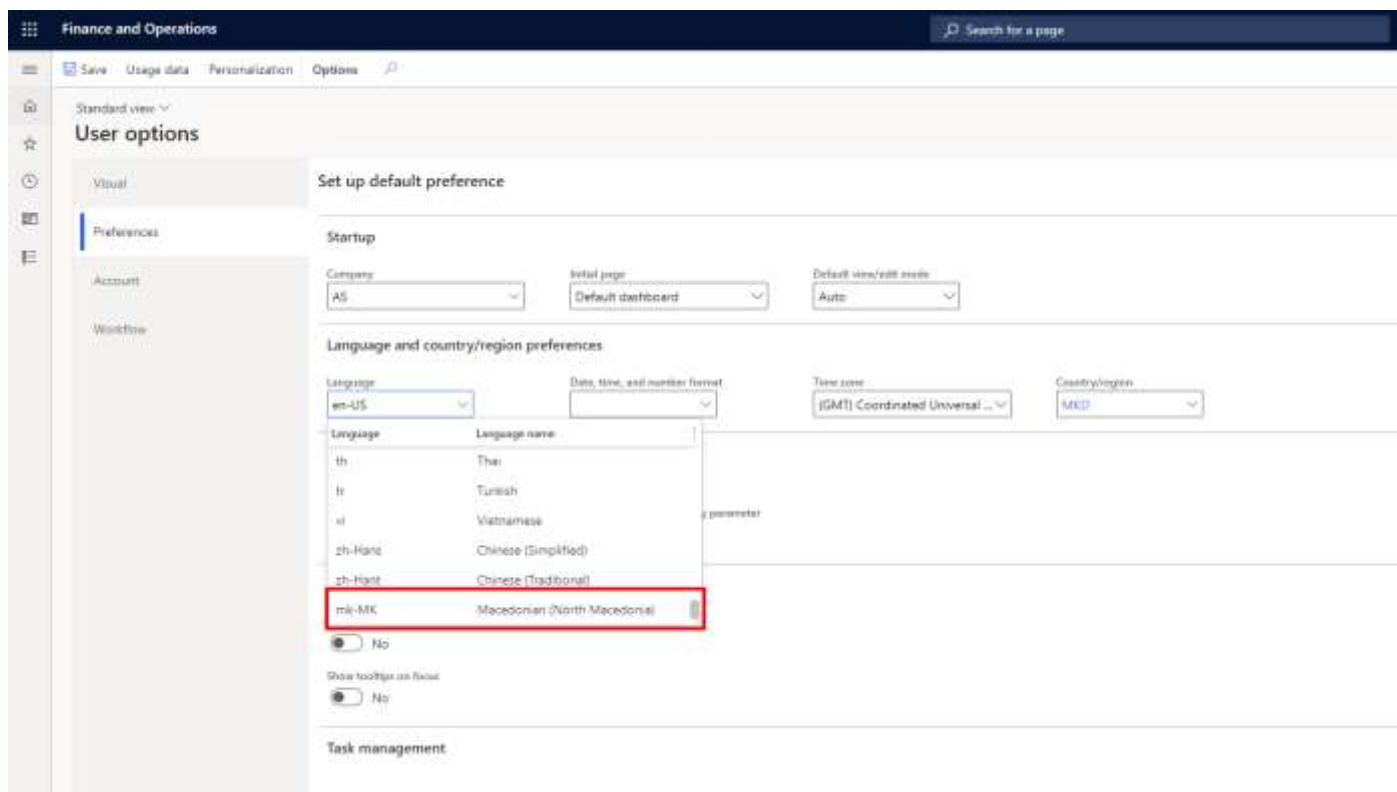
2 FUNCTIONALITIES DESCRIPTION

This chapter describes the new functionalities created for D365FO Macedonian localization, new forms and tables that are created for the Payroll calculation and integration points with Human resource module, created features and reports according to macedonian legislation.

2.1 Macedonian Language translation

Macedonian translation is created for modules in D365 FO.

Under Language and country/region preferences, the option to change the language to Macedonian has been added.



The screenshot shows the 'User options' form in Dynamics 365 Finance and Operations. The 'Language and country/region preferences' section is expanded, showing a list of languages. 'mk-MK' (Macedonian (North Macedonian)) is highlighted with a red box. Other options include 'en-US', 'th', 'tr', 'vi', 'zh-Hans', and 'zh-Hant'.

2.2 Payroll MKD (Плата МКД) module

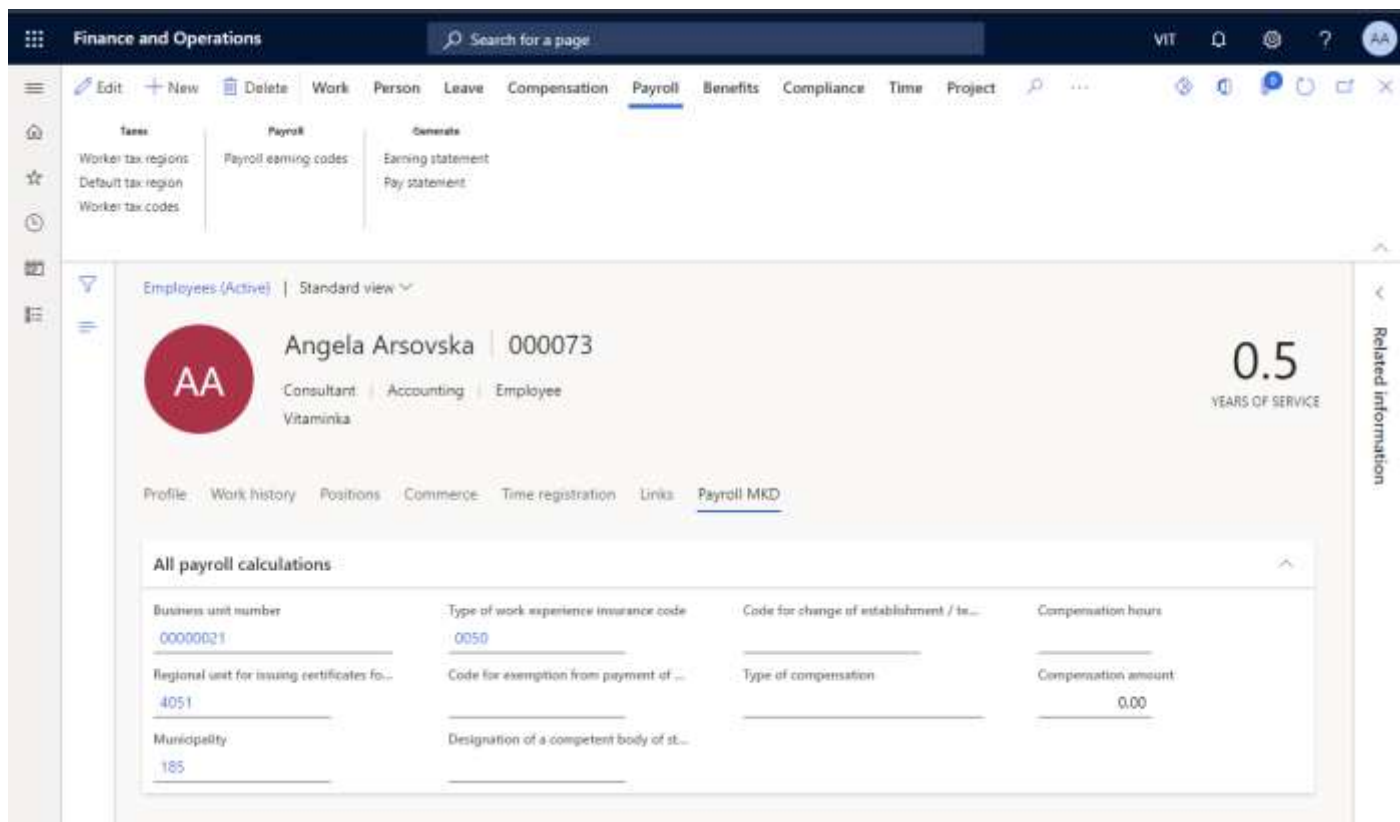
In order to be able to calculate salary according Macedonian legislative new module has been created.

The module is aligned with Macedonian payroll legislative, contributions and taxes.

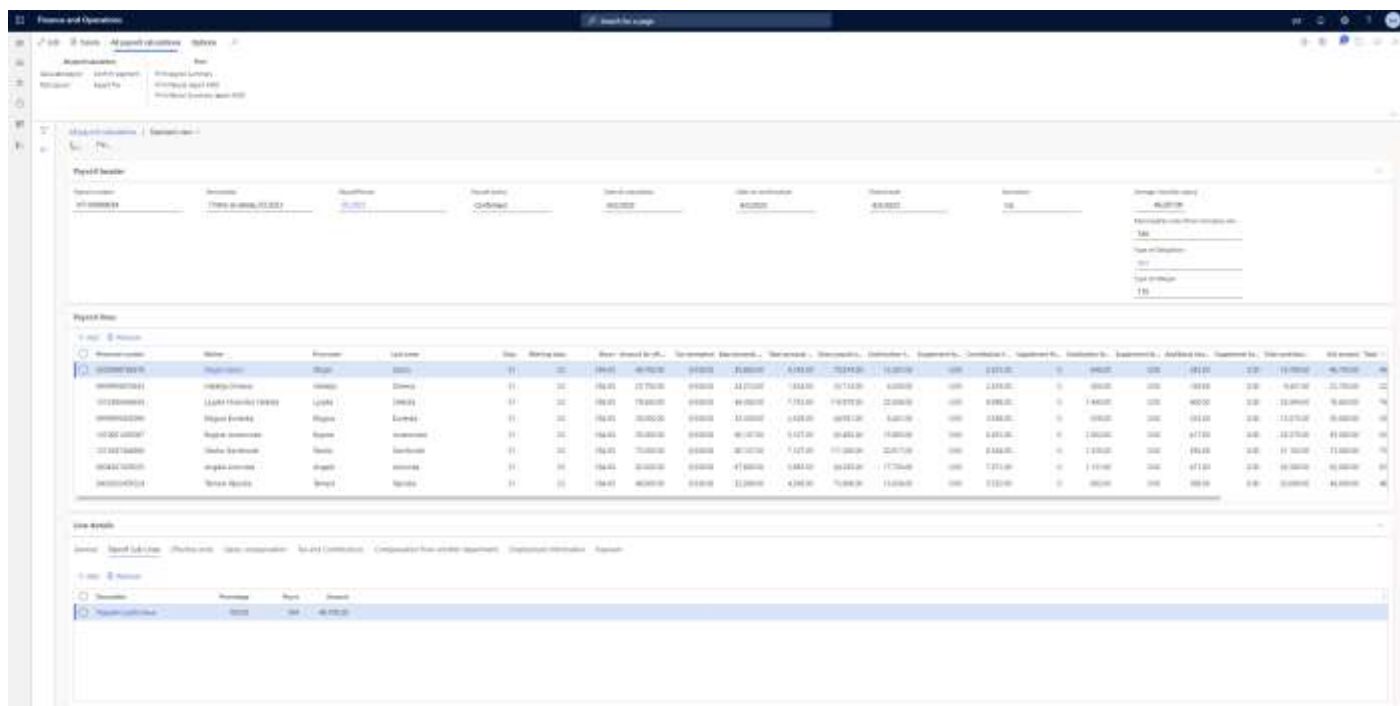
Integration is made with Human resource module, in **Human resources/Workers/Employees** form, a new tab **Payroll MKD** has been added.

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New tables and fields are created in **Payroll MKD/Calculation/All payroll calculations** form.

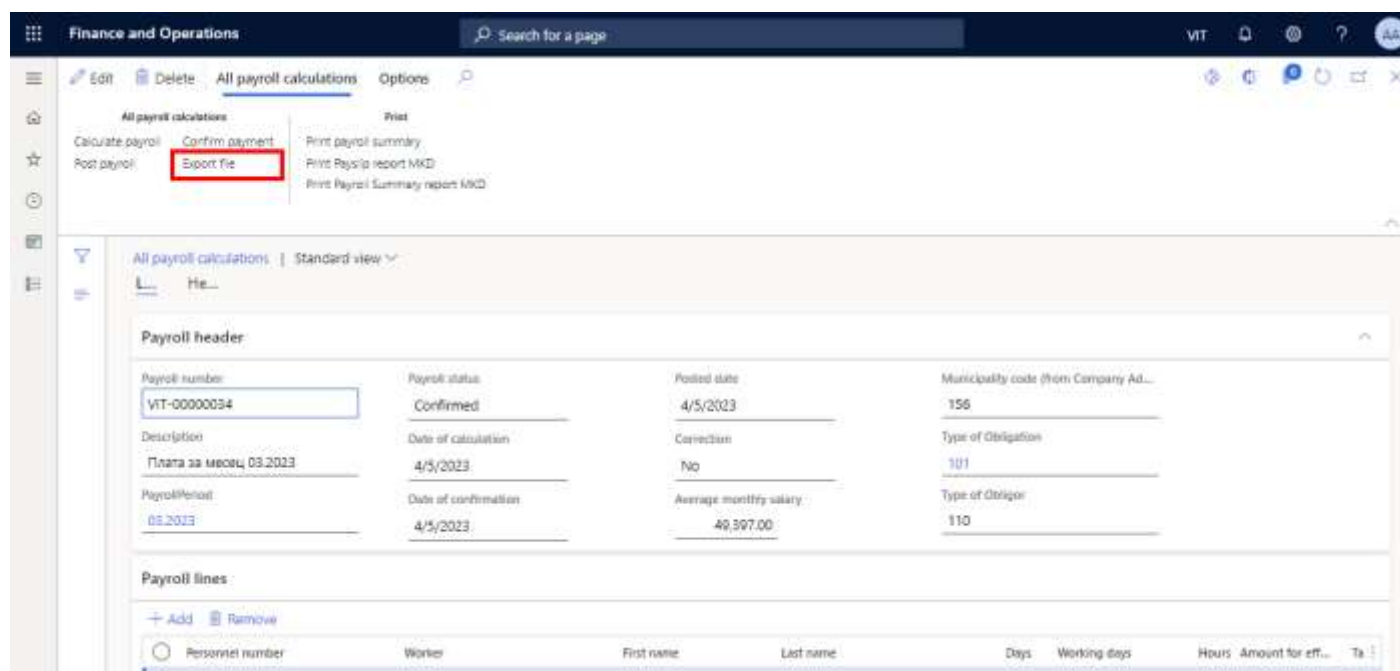


Business unit number	Type of work experience insurance code	Code for change of establishment / te...	Compensation hours	Regional unit for issuing certificates fo...	Code for exemption from payment of ...	Type of compensation	Compensation amount	Municipality	Designation of a competent body of st...
0000021	0050			4051			0.00	185	

After the payroll calculation has been confirmed and posted, **.txt file** can be exported to a designated folder. From there it can be imported to the MPIN client to be encrypted and sent to the **Macedonian Public Revenue Office (YJI)** for processing.

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Finance and Operations | Search for a page

All payroll calculations | Options

Calculate payroll | **Confirm payment** | Print payroll summary
Post payroll | **Export file** | Print Payslip report MKD
Print Payroll Summary report MKD

Payroll header

Payroll number: VIT-00000034	Payroll status: Confirmed	Posted date: 4/5/2023	Municipality code (from Company Ad...): 156
Description: Плата за месец 03.2023	Date of calculation: 4/5/2023	Correction: No	Type of Obligation: 101
PayrollPeriod: 03.2023	Date of confirmation: 4/5/2023	Average monthly salary: 49,397.00	Type of Obligor: 110

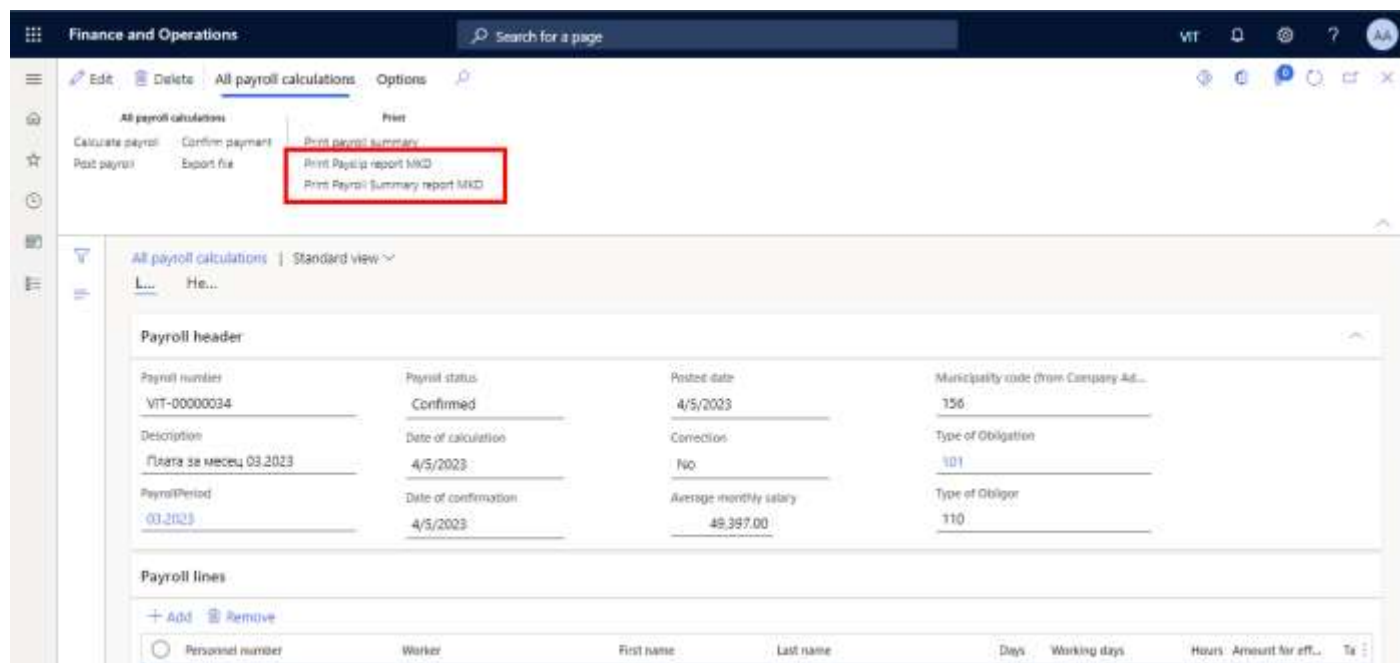
Payroll lines

Personnel number	Worker	First name	Last name	Days	Working days	Hours	Amount for eff...	Ta...
------------------	--------	------------	-----------	------	--------------	-------	-------------------	-------

After the payroll calculation has been confirmed and posted, the following **Payroll reports** can be created and printed:

- Payslip report MKD
- Payroll Summary report MKD

The Payslip report MKD can be printed per selected employee or for all employees.



Finance and Operations | Search for a page

All payroll calculations | Options

Calculate payroll | Confirm payment | Print payroll summary
Post payroll | Export file | **Print Payslip report MKD**
Print Payroll Summary report MKD

Payroll header

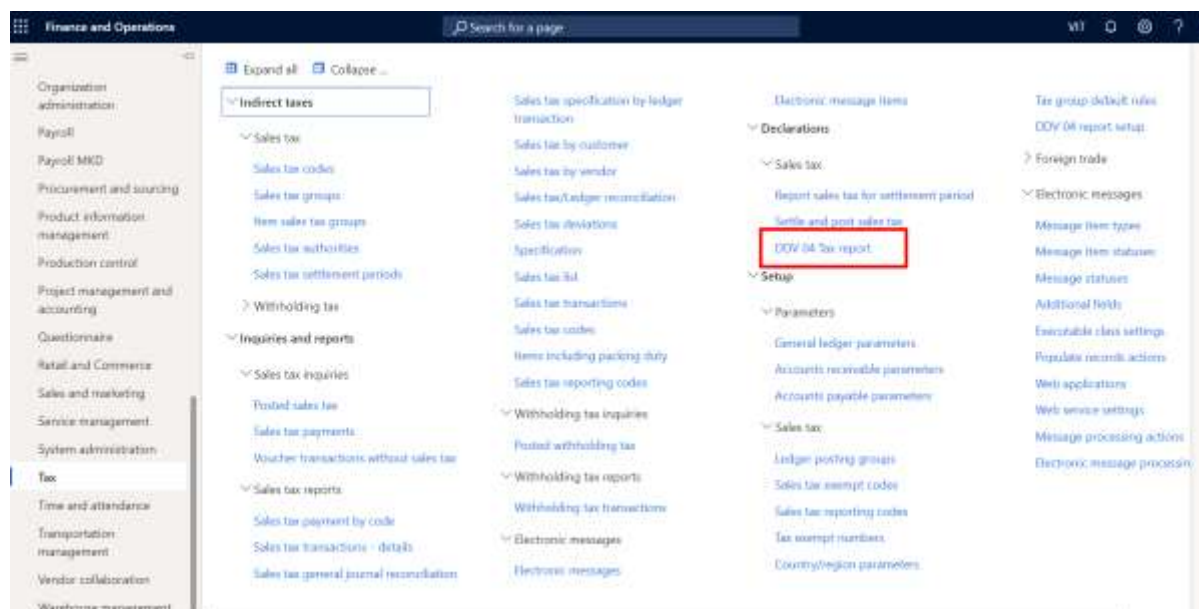
Payroll number: VIT-00000034	Payroll status: Confirmed	Posted date: 4/5/2023	Municipality code (from Company Ad...): 156
Description: Плата за месец 03.2023	Date of calculation: 4/5/2023	Correction: No	Type of Obligation: 101
PayrollPeriod: 03.2023	Date of confirmation: 4/5/2023	Average monthly salary: 49,397.00	Type of Obligor: 110

Payroll lines

Personnel number	Worker	First name	Last name	Days	Working days	Hours	Amount for eff...	Ta...
------------------	--------	------------	-----------	------	--------------	-------	-------------------	-------

2.3 Generating and uploading reports for VAT (DDV-04) to e-tax

New report is created for VAT declaration (DDV-04). We have enabled new form that corresponds with local tax regulations to be generated automatically for reporting period.



When we Settle and post sales tax, in **Tax/Declarations/Sales tax/Settle and post sales tax**, dialog box is generated inquiring whether we want an .xml VAT declaration (DDV-04) to be generated. The declaration is generated and the user can then manually upload it to <https://etax-fl.ujp.gov.mk/>.

2.4 Validation of Macedonian Tax exempt number

When the **Check tax exempt number** is ticked for the **Country/Region: MKD**, in **Tax/Setup/Sales tax/CountryRegion parameters**

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Finance and Operations

Save

+ New

Delete

Options

Country/region parameters

Filter

Country/region ↑	Sales tax code	Check tax exempt number
MDV		☐
MEX		☐
MHL		☐
MKD		☒
MLI		☐
MLT		☐
MMR		☐

Finance and Operations

Save

+ New

Delete

Опции

Параметри на земја / регион

Филтер

Земја / регион ↑	ДДВ код	Проверете го бројот на даночни ослободувања
MDA		☐
MDG		☐
MDV		☐
MEX		☐
MHL		☐
MKD		☒

The system will check the length of the VAT number, and the type of characters entered for **Country/Region MKD**, when new **Tax exempt number** is entered in **Tax/Setup/Sales tax/Tax exempt numbers**

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Finance and Operations

Save

+ New

Delete

Options

⚠

The length of the VAT number should be 13, but it is 12.

Filter

Country/region	Tax exempt number ↑	Company name
MKD	406901450122	

Finance and Operations

Save

+ New

Delete

Опции

⚠

Должината на бројот на ДДВ треба да биде 13, но е 12.

Филтер

Земја / регион	Број на ослободување од данок ↑	Име на компанијата
MKD	403000451846	

Finance and Operations

Save

+ New

Delete

Options

⚠

Letters are not allowed in the VAT number.

Filter

Country/region	Tax exempt number ↑	Company name
MKD	MK4069014501226	

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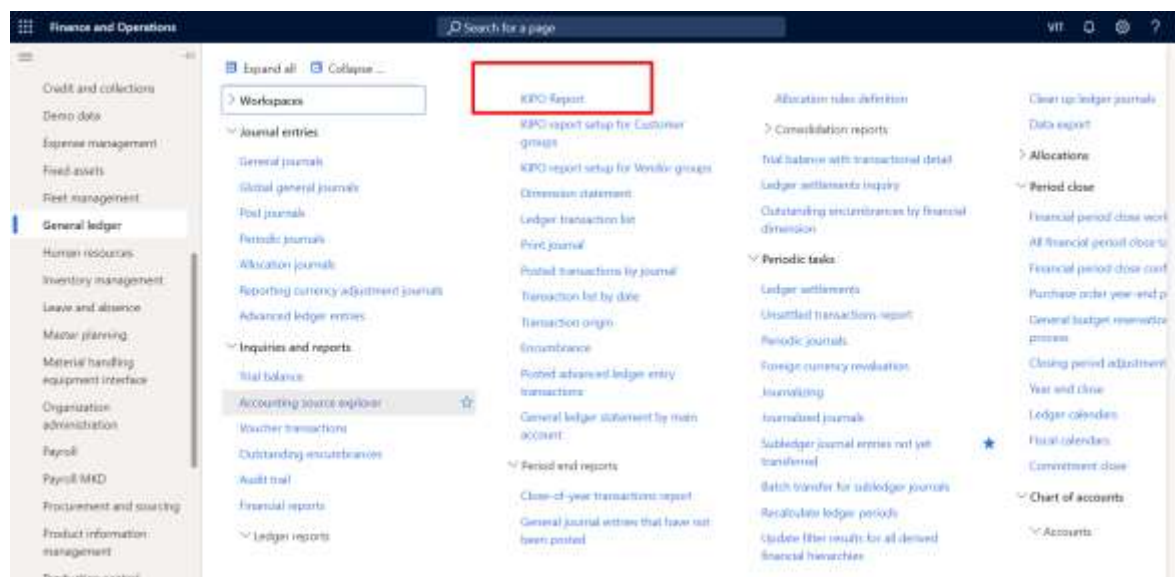
Finance and Operations

Finance and Operations

Finance and Operations

2.5 KIPO report

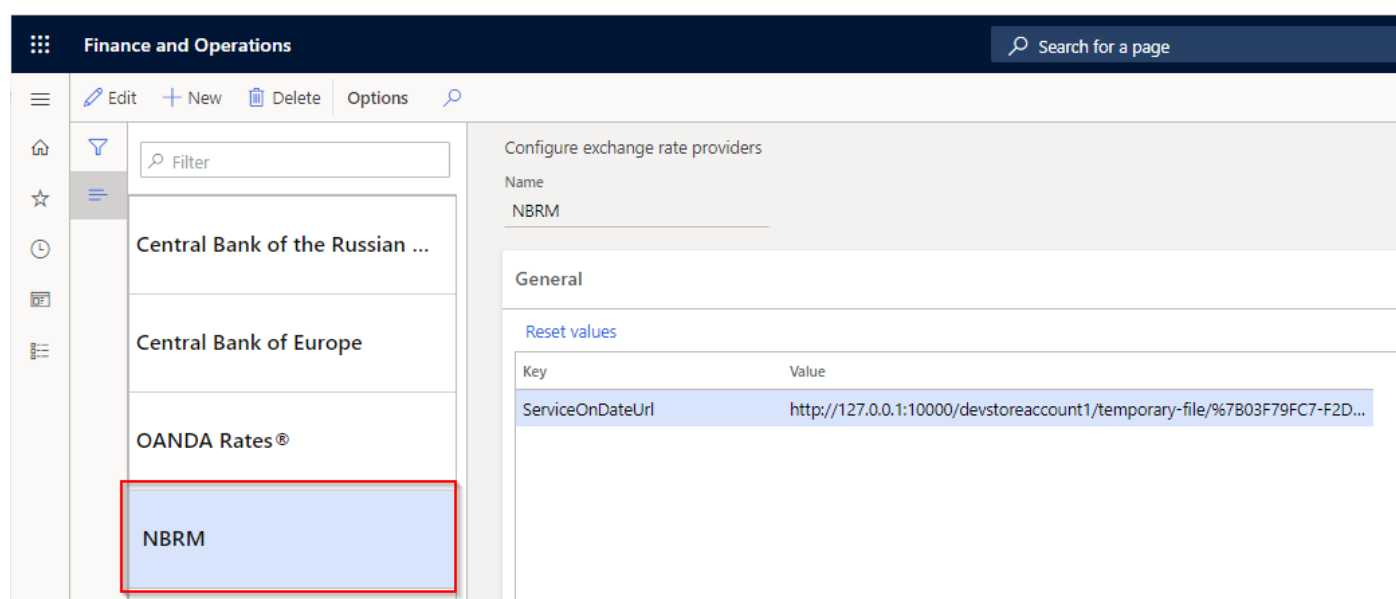
New report is created for KIPO report. The content of the KIPO report is regulated in the Guidelines on the manner of direct notification of receivables and liabilities from commercial operations with non-residents (Official Gazette of RM No108/2014).



An XML file is generated as per guidelines from NBRM, and exported to a designated folder. The user can then log in to a specific website: <https://portal.nbrm.mk/eKIPO2/Login.aspx>, and upload the XML to the web portal.

2.6 Automatic daily currency exchange rate import from NBRM (Macedonian National Bank) to D365

New exchange rate provider **NBRM**, has been set up in **General ledger/Currencies/Configure exchange rate providers**



In **General ledger/Currencies/Import currency exchange rate** form we can select the Exchange rate provider **NBRM**

Import currency exchange rates

Parameters

Exchange rate type

Default

Exchange rate provider

|

Name ↑

Central Bank of Europe

Central Bank of the Russian Fed...

NBRM

OANDA Rates®



No

Prevent import on national holiday



No

When the batch job is finished, the exchange rates will be populated in **General Ledger/Currencies/Currency exchange rates**.

Currency exchange rates

From currency	To currency	Conversion factor
EUR	MKD	1

Add or remove exchange rates

+ Add - Remove

Display valid exchange rates for the date range

From date	To date
06.7.2020	04.9.2020

Start date ↑	Exchange rate	Exchange value
30.7.2020	61,6950	61.695 MKD for 1 EUR
31.7.2020	61,6961	61.6961 MKD for 1 EUR
01.8.2020	61,6953	61.6953 MKD for 1 EUR
02.8.2020	61,6953	61.6953 MKD for 1 EUR
03.8.2020	61,6953	61.6953 MKD for 1 EUR
04.8.2020	61,6953	61.6953 MKD for 1 EUR
05.8.2020	61,6950	61.695 MKD for 1 EUR

← → ↺ 🏠 [nbrm.mk/kursna_lista.aspx](#) ☆    



НАРОДНА БАНКА НА
РЕПУБЛИКА СЕВЕРНА МАКЕДОНИЈА

среда, 05 август 2020

МК | ЕН | АЛ [Преброду](#)

[ЗА НАРОДНАТА БАНКА](#) [МОНЕТАРНА ПОЛИТИКА](#) [ФИНАНСИОКИ ПАЗАРИ](#) [ФИНАНСИОКА СТАБИЛНОСТ](#) [СУПЕРВИЗИЗА](#) [ПЛАТНИ СИСТЕМИ](#) [МАКЕДОНОКИ ПАРИ](#) [СТАТИСТИКА](#) [ПУБЛИКАЦИИ](#) [ПРОП](#)

[Почетна](#) > [Журналста](#)

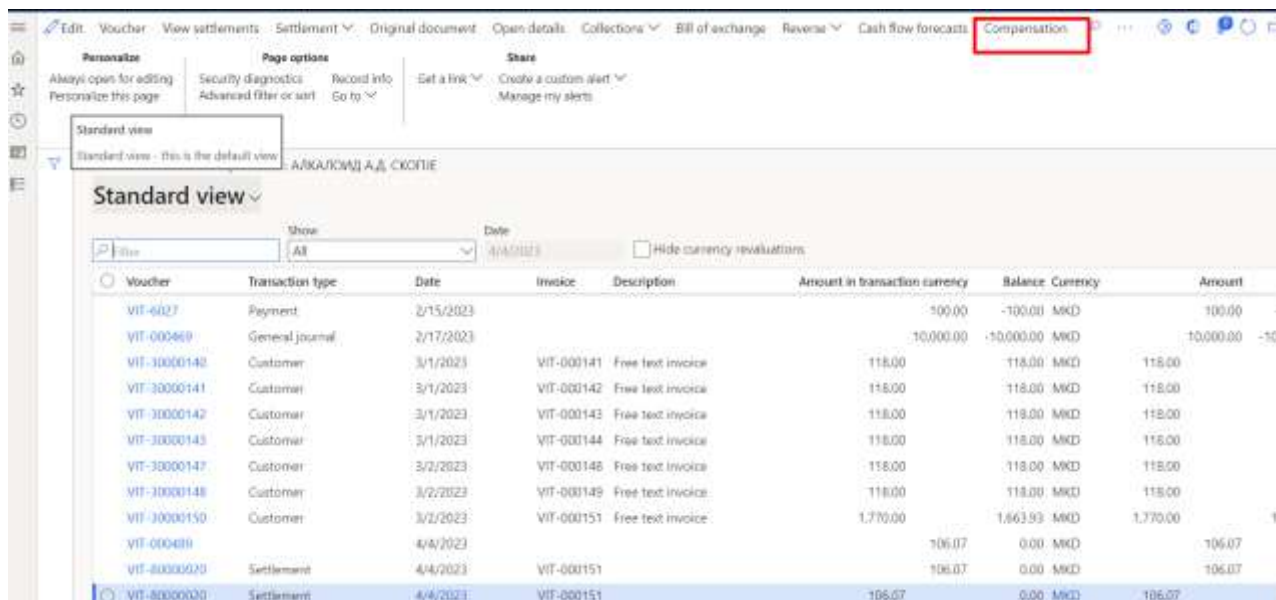
Курсна листа
Курсове на Народната банка за потребите на държавните органи
Web site

Курсна листа на Народната банка на Република Македонија
формирана на 04.08.2020 која се применува од 00:00 часот на 05.08.2020 година до почетокот на важење на новата
Курсна листа

Държава	Шифра	Валута	Единица валута	Среден курс по денари	
 ЕМУ	978	евро	EUR	1	61.6950
 С А Д	840	САД долар	USD	1	52.4394

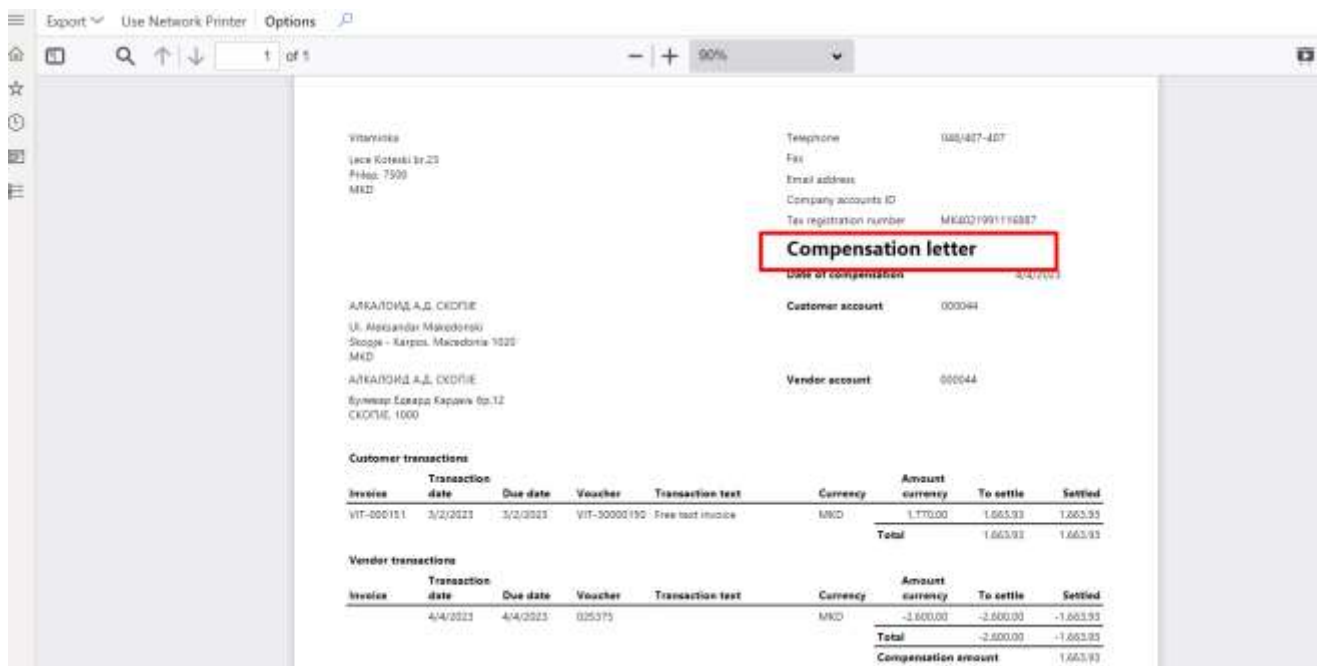
2.7 Localization for Compensations

Localisation for compensations has been set up as part of local practices. From Accounts Receivable->All customers-> on miscellaneous details in remittance filed a connection is established to the corresponding vendor account. When this is connected on customers transaction filed Compensation is enabled:



Voucher	Transaction type	Date	Invoice	Description	Amount in transaction currency	Balance	Currency	Amount
VIT-00027	Payment	2/15/2023			100.00	-100.00	MKD	100.00
VIT-000469	General journal	2/17/2023			10,000.00	-10,000.00	MKD	10,000.00
VIT-30000140	Customer	3/1/2023	VIT-000141	Free text invoice	118.00	118.00	MKD	118.00
VIT-30000141	Customer	3/1/2023	VIT-000142	Free text invoice	118.00	118.00	MKD	118.00
VIT-30000142	Customer	3/1/2023	VIT-000143	Free text invoice	118.00	118.00	MKD	118.00
VIT-30000143	Customer	3/1/2023	VIT-000144	Free text invoice	118.00	118.00	MKD	118.00
VIT-30000147	Customer	3/2/2023	VIT-000146	Free text invoice	118.00	118.00	MKD	118.00
VIT-30000148	Customer	3/2/2023	VIT-000149	Free text invoice	118.00	118.00	MKD	118.00
VIT-30000150	Customer	3/2/2023	VIT-000151	Free text invoice	1,770.00	1,663.93	MKD	1,770.00
VIT-000489		4/4/2023			106.07	0.00	MKD	106.07
VIT-30000020	Settlement	4/4/2023	VIT-000151		106.07	0.00	MKD	106.07
VIT-30000030	Settlement	4/4/2023	VIT-000151		106.07	0.00	MKD	106.07

When choosing an invoice and apply the compensation a form with corresponding invoices from vendor is displayed for finalizing the compensation and print a compensation letter:



Compensation letter

Date of compensation: 30/4/2023

Customer account: 000044

Vendor account: 000044

Invoice	Transaction date	Due date	Voucher	Transaction text	Currency	Amount currency	To settle	Settled
VIT-000151	3/2/2023	3/2/2023	VIT-30000150	Free text invoice	MKD	1,770.00	1,663.93	1,663.93
Total						1,663.93	1,663.93	

Invoice	Transaction date	Due date	Voucher	Transaction text	Currency	Amount currency	To settle	Settled
	4/4/2023	4/4/2023	005375		MKD	-2,600.00	-2,600.00	-1,663.93
Total						-2,600.00	-1,663.93	
Compensation amount							1,663.93	

2.8 Warehouse financial dimension link

Warehouse financial dimension has been created for purpose for enabling dimension link.

