

INSTALLATION DOCUMENTATION
SAP S/4HANA Finance, localization extension 1.0 for the Republic of Belarus by EPAM

Document is relevant to SAP S/4HANA Finance, localization extension 1.0 for the Republic of Belarus by EPAM

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1. General information

SAP S/4HANA Finance, localization extension for the Republic of Belarus by EPAM, hereinafter referred to as «CBY localization package on SAP S/4 HANA», manual is intended for SAP Basis administrators. The guide contains a list of preliminary SAP system requirements and a detailed, step-by-step CBY localization package on SAP S/4HANA installation description.

2. Preliminary SAP S/4HANA System Requirements

SAP S/4HANA Finance, localization extension 1.0 for the Republic of Belarus by EPAM imposes the following requirements:

- Installed SAP S/4HANA 1709 with executed steps for Migration to S/4HANA Finance (New General Ledger activation, New Fixed Asset activation and etc.), configured ICF, activated NWBC Services in the ICF
- FIORI configuration
- Additional Russian language support package
- Connection to the Adobe Document Services (ADS) for PDF-forms using printer settings with type device, suitable for PDF-forms. For example; HPLJ4 (optional)
- Minimal requirements of SAP GUI version verification for Excel output forms correct filling: The 64-bit version of Microsoft Office 2013 is supported as of patch level 7 of SAP GUI for Windows 7.30. Up to patch level 6 of SAP GUI for Windows 7.30, Desktop Office Integration only supports Microsoft Office 32-bit editions. For more information, see SAP Note 722513. Up to patch level 6 of SAP GUI for Windows 7.30, Desktop Office Integration only supports Microsoft Office 32-bit editions. For more information, see SAP Note 722513.

Check additional Excel options (Trust Center → Trust center settings...):

Macro Settings

- Disable all macros without notification
- Disable all macros with notification
- Disable all macros except digitally signed macros
- Enable all macros (not recommended; potentially dangerous code can run)

Developer Macro Settings

- Trust access to the VBA project object model

ActiveX Settings for all Office Applications

- Disable all controls without notification
- Prompt me before enabling Unsafe for Initialization (UFI) controls with additional restrictions and Safe for Initialization (SFI) controls with minimal restrictions
- Prompt me before enabling all controls with minimal restrictions
- Enable all controls without restrictions and without prompting (not recommended; potentially dangerous controls can run)

-
- Safe mode (helps limit the control's access to your computer)

3. CBY add-on Installation Sequence in the SAP System

3.1. Installing a Localization Package

Before you install CBY localization package on SAP S/4 HANA, it is necessary to register into the system in the English language.

Note, that all provided screenshots used as an example of installation steps.

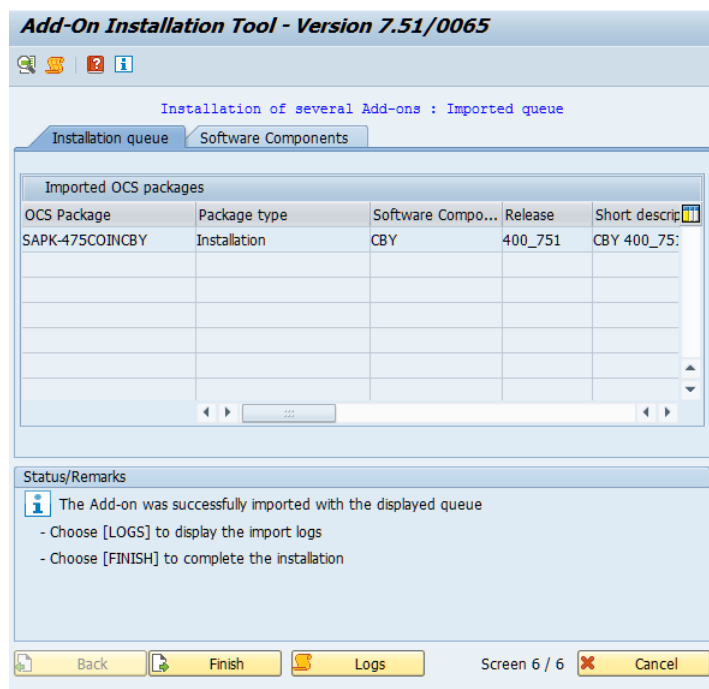
3.1.1 Prerequisites

You have obtained add-on installation distributive and placed it EPS\in folder on your server.

Your system is configured correctly, and you have imported the latest update of SPAM/SAINT (at least SPAM 64)

3.1.2 Installation Instructions

1. Login to client 000 of your system. Make sure that you have sufficient privileges to run SAINT transaction and add-on installation process.
2. Start transaction SAINT
3. At the end of successful installation you will see:



3.1.3 Installation Follow-Up Activities

Specify Tax number and Branch code for business partners in case of fields STCD1 (Tax number) и STCD2 (Branch code) in tables LFA1 and KNA1 filling.






Sequence of steps

1. Run transaction code:

Menu path	
Transaction code	SM30


2. Specify V_TFKTAXNUMTYPE as table/view
3. New Entries of Tax number Categories of Business Partner:

Change View "Tax Number Categories of Business Partner": Overview






New Entries     

Ta...	Name	Funct.Name	T..
BY1	Belarus: Tax number	BUPA_TAX_NUMBER_CHECK	
BY2	Belarus: Branch code	BUPA_TAX_NUMBER_CHECK	

Tax Categ.	Name	Funct.Name
BY1	Belarus: Tax number	BUPA_TAX_NUMBER_CHECK
BY2	Belarus: Branch code	BUPA_TAX_NUMBER_CHECK

4. Save changes by pressing the  button.
5. Specify V_TFKTAXNUMTYPEPEC as table/view
6. New Entries of Maintain Tax Numbers Categories:

Change View "Maintain Tax Number Categories": Overview

New Entries     

Category	Name	Duplicate Check
BY1	Belarus: Tax number	Off
BY2	Belarus: Branch code	Off

4. FI & LO add-on Technical Settings Sequence in the SAP System

4.1. General Configuration Description and Technical Requirements


The technical setup of the FI&LO add-on consists of BC-sets used for loading and activating, as well as some IMG customizing that is not installed correctly using the BC-sets functionality.

If settings for Company Code for country Belarus (BY) are already maintained in the system, it is not recommended to install BC Sets to avoid system conflicts.

The BC-set package installation and customizing settings execution must be implemented strictly in sequence, which is specified in this manual. In the case of a sequence error, it cannot be guaranteed that all the settings packages will correctly be installed.

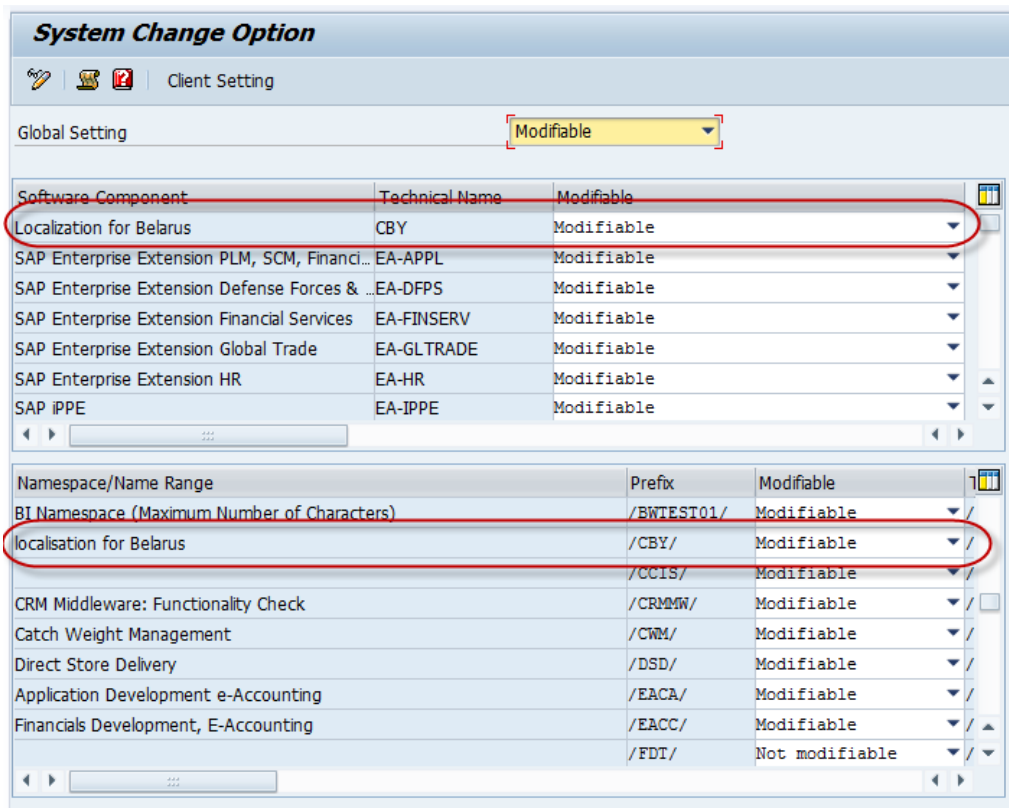
4.2. Checking and Setting Up Namespaces

Before you start the BC-set uploading process, you must ensure that Namespace “/CBY/” is set to “Modifiable”.

To do this, start transaction RSWBO004. Switch to edit mode by pressing the  button. Find the software component with Technical name “CBY” and set it to “Modifiable”.

Find Namespace “localization for Belarus” with prefix “/CBY/” and set it to “Modifiable”.

Save changes by pressing the  button.



System Change Option

Client Setting

Global Setting: Modifiable

Software Component	Technical Name	Modifiable
Localization for Belarus	CBY	Modifiable
SAP Enterprise Extension PLM, SCM, Financi...	EA-APPL	Modifiable
SAP Enterprise Extension Defense Forces & ...	EA-DFPS	Modifiable
SAP Enterprise Extension Financial Services	EA-FINSERV	Modifiable
SAP Enterprise Extension Global Trade	EA-GLTRADE	Modifiable
SAP Enterprise Extension HR	EA-HR	Modifiable
SAP IPPE	EA-IPPE	Modifiable

Namespace/Name Range	Prefix	Modifiable
BI Namespace (Maximum Number of Characters)	/BWTEST01/	Modifiable
localisation for Belarus	/CBY/	Modifiable
	/CCIS/	Modifiable
CRM Middleware: Functionality Check	/CRMMW/	Modifiable
Catch Weight Management	/CWM/	Modifiable
Direct Store Delivery	/DSD/	Modifiable
Application Development e-Accounting	/EACA/	Modifiable
Financials Development, E-Accounting	/EACC/	Modifiable
	/FDI/	Not modifiable

4.3. BC-Set Package Installation and IMG Operations Action Sequence Description

Loading and activating BC-sets and user settings must be executed according to section: [BC-set Installation Process Description](#).

Note that all provided screenshots used as an example of installation steps.

N	Type of Activity	Name of package / IMG	Description	Comments
1	Load & Activate BC-set	/CBY/CBY_FI_SG_00_2016	FI: General settings	
2	IMG operation	Define Ledger Group	Settings execution order is described in chapter Define Ledger Group	
3	Load & Activate BC-set	/CBY/CBY_FI_ORG_2016_S4	FI: Org. structure	If error message “FI programs have been regenerated; start the transaction again” (message. № FAGL_LEDGER_CUST206) appears during current BC set package installation connected with object V_FAGL_T881, repeat its activation.
4	IMG operation	Define Settings for Ledgers and Currency Types	Settings execution order is described in chapter Define Settings for Ledgers and Currency Types	
5	IMG operation	Define Ledger for CO Version	Settings execution order is described in chapter Define Ledger for CO Version	
6	Load & Activate BC-set	/CBY/CBY_FICO	FI: CO ranges for Controlling Area	
7	Load & Activate BC-set	/CBY/CBY_FI_ACCOUNTS_2016_S4	FI: Chart of Accounts	

N	Type of Activity	Name of package / IMG	Description	Comments
8	Load & Activate BC-set	/CBY/CBY_FITAX_E67	FI: VAT	
9	Load & Activate BC-set	/CBY/CBY_FI_TAX_S4_1610 for S/4 HANA 1610 or /CBY/CBY_FI_TAX_S4_1709 for S/4 HANA 1709	FI: VAT	Choose BC-set package for loading due to release version of you system (S/4 HANA 1610 or S/4 HANA 1709)
10	Load & Activate BC-set	/CBY/CBY_FI_TAX2_S4_1610 for S/4 HANA 1610 Or /CBY/CBY_FI_TAX2_S4_1709 for S/4 HANA 1709	FI:VAT	Choose BC-set package for loading due to release version of you system (S/4 HANA 1610 or S/4 HANA 1709)
11	IMG operation (only for S/4 HANA 1709)	Define Tax Accounts for S/4 HANA 1709	Settings execution order is described in chapter Define Tax Accounts	Relevant only for S/4 HANA 1709
12	IMG operation	Bank Account Management: Define Number Ranges for Change Requests	Settings execution order is described in chapter Define Number Ranges for Change Requests	
13	IMG operation	Bank Account Management: Define Number Ranges for Bank Account Technical IDs	Settings execution order is described in chapter Define Number Ranges for Bank Account Technical IDs	
14	IMG operation	Bank Account Management: Assign Number Ranges	Settings execution order is described in chapter Assign Number Ranges	
15	IMG operation	Bank creation	Settings execution order is described in chapter Bank creation	
16	Load & Activate BC-set	/CBY/CBY_FI_BANK_2016_S4	FI: Automatic Payment Transactions	Activation of the package will be held with an error, you should comply with point "Migrate House

N	Type of Activity	Name of package / IMG	Description	Comments
				Banks Accounts” of installation sequence, and then reactivate.
17	IMG operation	Migrate House Banks Accounts	Settings execution order is described in chapter Migrate House Banks Accounts	
18	Load & Activate BC-set	/CBY/CBY_FI_CASH_2016_S4	FI: Cash Journal	
19	Load & Activate BC-set	/CBY/CBY_FI_COST_CENTER	FI: Cost Center	Activation of the package will be held with an error, you should comply with point “Cost Center creation” of installation sequence, and then reactivate.
20	IMG operation	Cost Center creation	Settings execution order is described in chapter Cost Center creation	
21	Load & Activate BC-set	/CBY/CBY_FI_OFFSETTINGACC	FI: Accounts Correspondence	
22	Load & Activate BC-set	/CBY/CBY_FI_GL_SG_01	FI: Financial statement versions	
23	Load & Activate BC-set	/CBY/CBY_FI_SG_02	FI: Foreign currency valuation	
24	Load & Activate BC-set	/CBY/CBY_FI_SG_03	FI: Receivables and payables distribution	
25	Load & Activate BC-set	/CBY/CBY_MM	SAP MM	Activation of the package will need several saving procedures cause of contained sub packages
26	IMG operation	Assign and Activate Country-Specific Fields to Field Groups	Settings execution order is described in chapter	

N	Type of Activity	Name of package / IMG	Description	Comments
			Assign and Activate Country-Specific Fields to Field Groups	
27	Load & Activate BC-set	/CBY/CBY_FI-AA_2016	FI: FI-AA Customizing	
28	IMG operation	Define Document Types for Entry View in a Ledger	Settings execution order is described in chapter Define Document Types for Entry View in a Ledger	
29	Load & Activate BC-set	/CBY/CBY_FI-AA_INVEST	FI-AA: Investment management	
30	Load & Activate BC-set	/CBY/CBY_FI-AA_IVVESTBONUS_2016	FI-AA: Investment bonus	
31	Load & Activate BC-set	/CBY/CBY_FI-AA_IVVEST_REVAL_S4	FI-AA: Investment bonus, fixed assets revaluation	
32	Load & Activate BC-set	/CBY/CBY_HR_ORG	HR: ORG	
33	Load & Activate BC-set	/CBY/CBY_SD_2016	SAP SD	Activation of the package will need several saving procedures cause of contained sub packages
34	Load & Activate BC-set	/CBY/CBY_SD_OUTPUT_2016_S4HANA	SAP SD	
35	Load & Activate BC-set	/CBY/CBY_FI-AA_CORRECTION_2016	FI-AA: Additional settings	
36	Load & Activate BC-set	/CBY/CBY_FI-AA_CORRECTION_2_S4	FI-AA: Additional settings	
37	User operation	Maintain currencies names in different cases	Settings execution order is described in chapter Maintain Currencies In Different Cases	

N	Type of Activity	Name of package / IMG	Description	Comments
38	IMG operation	Creation of controlling reference order	Settings execution order is described in chapter Creation of controlling reference order	
39	User operation	Primary cost elements creation	Settings execution order is described in chapter Primary cost elements creation	
40	IMG operation	Run tax codes transfer	Settings execution order is described in chapter Run tax codes transfer	
41	IMG operation	Maintaining international bank address	Settings execution order is described in chapter Maintaining international bank address	
42	IMG operation	Defining precious materials for Fixed Assets master data maintenance	Settings execution order is described in chapter Defining precious materials for Fixed Assets master data maintenance	
43	User operation	EXCEL template loading for the balance and applications 2, 3 to the balance	Settings execution order is described in chapter EXCEL template loading for the balance and applications 2, 3 to the balance	
44	User operation	EXCEL template loading for the 4th form	Settings execution order is described in chapter EXCEL template loading for the 4th form	
45	IMG operation	EXCEL template loading for Vendor/Customer Reconciliation Statement	Settings execution order is described in chapter Loading the EXCEL Template for Vendor/Customer Reconciliation Statement.	
46	IMG operation	Automatic Payment Transactions setting	Settings execution order is described in chapter Automatic Payment Transactions settings	
47	User operation	Filling the additional data elements of the organizational structure (MM/SD)	Settings execution order is described in chapter Filling the additional data elements of the organizational structure (MM/SD)	

N	Type of Activity	Name of package / IMG	Description	Comments
48	IMG operation	Assign Sales organization to Company code	Settings execution order is described in chapter Assign Sales organization to Company code	
49	IMG operation	Output determination	Settings execution order is described in chapter Output determination	
50	User operation	EXCEL template loading for equipment revaluation	Settings execution order is described in chapter EXCEL template loading for equipment revaluation	
51	User operation	MM classification maintenance	Settings execution order is described in chapter Prerequisites for program /cby/reaval_equipm	
52	User operation	Link between Master data and movement types for accountable forms accounting	Settings execution order is described in chapter Link between Master Data and Movement Types for Accountable Forms Accounting	
53	User operation	Maintain number range groups, that are needed for accountable forms accounting	Settings execution order is described in chapter Maintain number range groups, that are needed for accountable forms accounting	
54	User operation	Company code address editing	Settings execution order is described in chapter Company code address	
55	IMG operation	Define Depreciation Areas	Settings execution order is described in chapter Define Depreciation Areas	
56	IMG operation	Depreciation area specification for Transaction types deletion	Settings execution order is described in chapter Depreciation area specification for Transaction types deletion	
57	Load & Activate BC-set	/CBY/EINVOICE_SP1	Electronic invoice functionality	

N	Type of Activity	Name of package / IMG	Description	Comments
58	User operation	Manual settings for Electronic Invoice functionality	Settings execution order is described in chapter Manual settings for Electronic Invoice functionality	

4.4. BC-set Installation Process Description

Before you install and activate BC-set packages, you must register in the system in Russian language.

Technical installation settings using BC-set packages can be divided into two steps.

The first step is to download all BC-sets packages.

The second step is to execute their sequential activation.

The loading and activation of BC-sets, user settings must be executed according to the sequence specified in the section: [BC-set Package Installation and IMG Operations Action Sequence Description](#).



4.4.1 BC-Set Package Downloading Procedure

1. Run transaction – SCPR3 – Display and Maintain BC-sets
2. Go to menu: BC_set → Upload, or press Shift+F8.
3. Choose BC-set file and press «Open»
4. The system will offer you to allow access to the file, click «Allow»
5. During the first package boot process, the system offers you to create an object directory entry.

Specify the name of the package as follows: /CBY/CUSTOMIZING and press  «Save».

In case of warning message, press  «Next».

6. When you load the first BC-set package, the system prompts you to specify customizing request technical name of the transferred tool.

When you load the first BC-set package, create a new customizing request. To do this, click  "Create." In the "Short description" field, specify: «/CBY/CUSTOM» and press button  «Save».

A window with the request appears and all transferred objects will be assigned to it.

Press button  «Next».

When loading the second and subsequent BC-set packages, specify in the "Request" field the customizing request's technical name that you created when loading the first BC-set package.

The BC-set package loading procedure, described in the section: [BC-set Package Installation and IMG Operations Action Sequence Description](#) should run with all the files included in the delivery.

4.4.2 BC-sets Package Activation Process Description.

BC-set Package Activation Procedure:

1. Run transaction - SCPR20 - BC Sets activation
2. Choose activated BC-set package.

Press  «Activate».

3. System offers you to specify customizing request technical name.


You can specify your request and all transferred objects from BC-set package will be assigned to it.

When you activate each BC-set package it is recommended to create a new request with «Short Description» as it is for activated package. In case of following the recommendations press

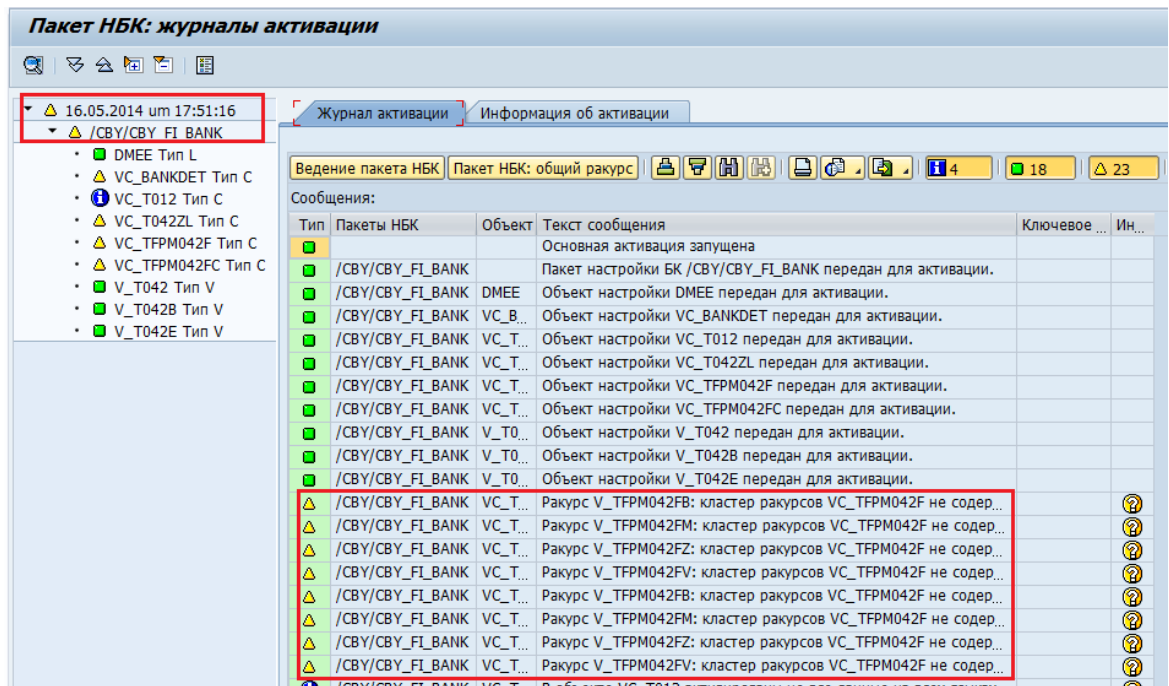
 «Create».

Press button  «Save».

A new request with technical name will be created and all transferred objects will be assigned to it.

4. Specify query technical name and click  «Next».
5. Activation procedure run. After the activation procedure, the log appears; there you can view activation results. If you did everything correctly, there should be no errors.

Warning messages may appear in the Activation Log. The package with warnings is installed successfully:



After successfully activating the BC-Set package, go to the next step in the section [BC-set Package Installation and IMG Operations Action Sequence Description](#).

4.5. User settings implementation during BC-sets package activation.

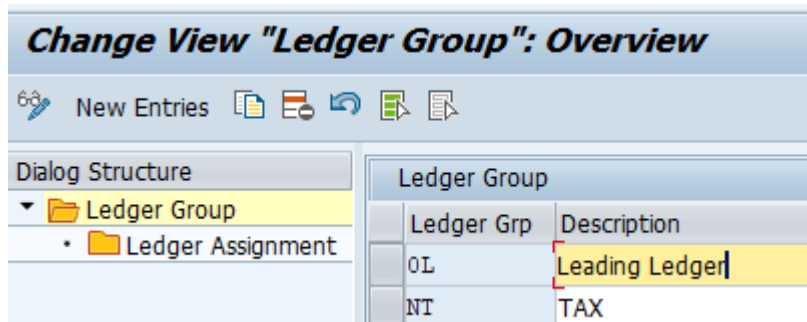
Execution user settings in the BC-sets activation process should be executed according to the sequence specified in the section [BC-set Package Installation and IMG Operations Action Sequence Description](#).

4.5.1 Define Ledger Group

Use the menu pass or run transaction:

Menu path	SAP IMG → SAP Customizing Implementation Guide → Financial Accounting → Financial Accounting Global Settings → Ledgers → Ledger → Define Ledger Group
Transaction code	SM34 (View Cluster: VC_FAGL_LDGRPMAP)

1. Define Ledger Groups:



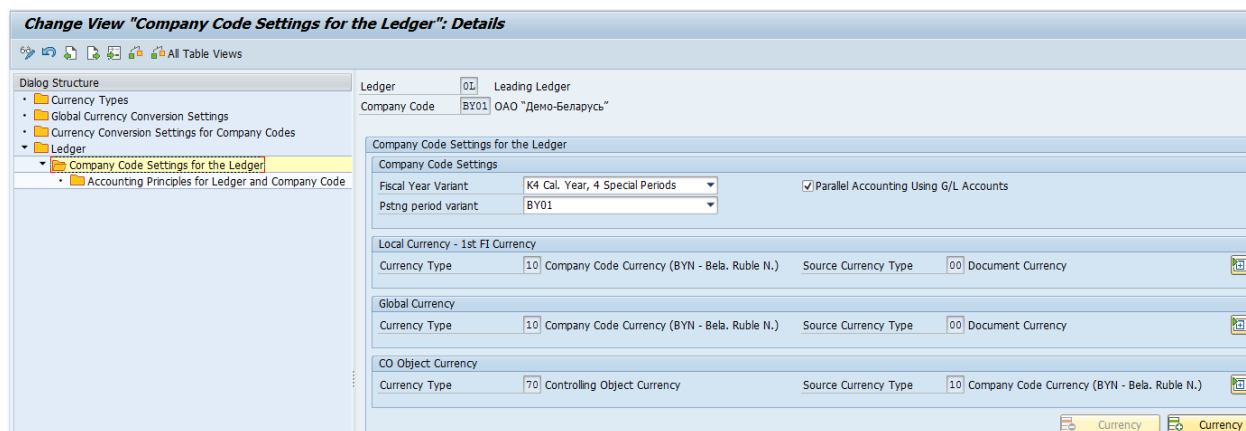
2. Press button  «Save».

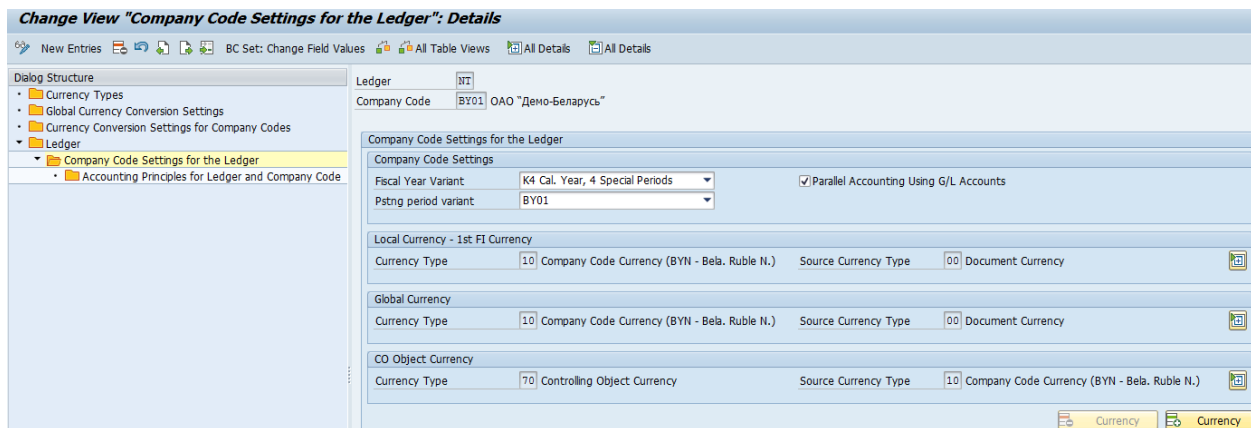
4.5.2 Define Settings for Ledgers and Currency Types

Use the menu pass or run transaction:

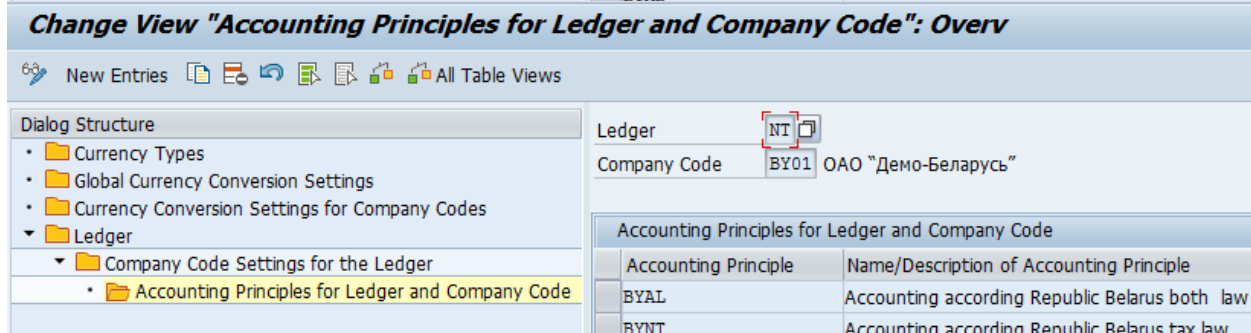
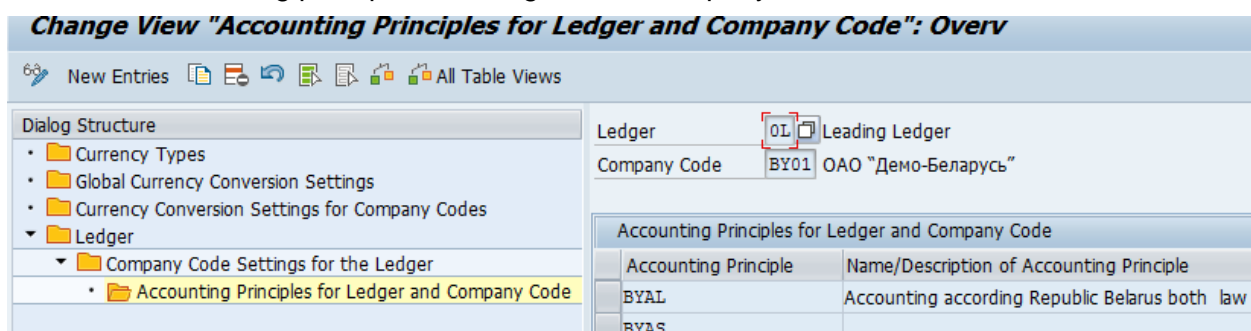
Menu path	SAP IMG → SAP Customizing Implementation Guide → Financial Accounting → Financial Accounting Global Settings → Ledgers → Ledger → Define Settings for Ledgers and Currency Types
Transaction code	SM34 (View Cluster: FINSVC_LEDGER)

1. Define company code settings for the 0L and NT ledgers:





2. Define accounting principles for Ledgers and Company code:



3. Press button  «Save».

4.5.3 Define Ledger for CO Version

Use the menu pass or run transaction:

Menu path	SAP IMG → SAP Customizing Implementation Guide → Financial Accounting → Financial Accounting Global Settings → Ledgers → Integration of Controlling with Financial Accounting → Define Ledger for CO Version
Transaction code	SM30 (Table/view: FINSV_VERSN_LD)

1. Add new entry:

New Entries: Overview of Added Entries		
Ledger From Which CO Reads Actual Data		
CO Area	Version	Ledger (Compat.)
BY01	0	0L

4.5.4 Define Tax Accounts (relevant only for S/4 HANA 1709)

Note, that this step is relevant only for S/4 HANA 1709.

Use the menu pass or run transaction:

Menu path	SAP IMG → SAP Customizing Implementation Guide → Financial Accounting → Financial Accounting Global Settings → Tax on Sales/Purchases → Posting → Define Tax Accounts
Transaction code	SM34: (View Cluster: VC_T030K)

1. Specify Posting Keys:

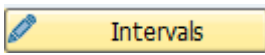
Change View "Posting Key": Overview			
Dialog Structure			
<ul style="list-style-type: none"> ▼ Posting Key <ul style="list-style-type: none"> ▼ Rules • Accounts 			
Posting Key			
Trs	Debit	Credit	Name
ZUD	40	50	ZUD
ZUK	40	50	VAT Output-CreditCl
ZUS	40	50	Investment tax

2. Press button  «Save».

4.5.5 Define Number Ranges for Change Requests

Use the menu pass or run transaction:

Menu path	SAP IMG → SAP Customizing Implementation Guide → Financial Supply Chain Management → Cash and Liquidity Management → Bank Account Management → Basic Settings → Define Number Ranges for Change Requests
Transaction code	FCLM_BAM_REQNR

1. Press button  and add an interval:

01 000000100000 000000199999

Maintain Intervals: FC_CREQID			
N.	From No.	To Number	NR Status
01	000000100000	000000199999	100000

2. Press button «Save».

4.5.6 Define Number Ranges for Bank Account Technical IDs

Use the menu path or run transaction:

Menu path	SAP IMG → SAP Customizing Implementation Guide → Financial Supply Chain Management → Cash and Liquidity Management → Bank Account Management → Basic Settings → Define Number Ranges for Bank Account Technical IDs
Transaction code	FCLM_BAM_ACCNR

1. Press button and add an interval:
 01 0000000001 0000009999

Edit Intervals: Account ID, Object FC_ACCID			
N.	From No.	To Number	NR Status
01	0000000001	0000009999	10

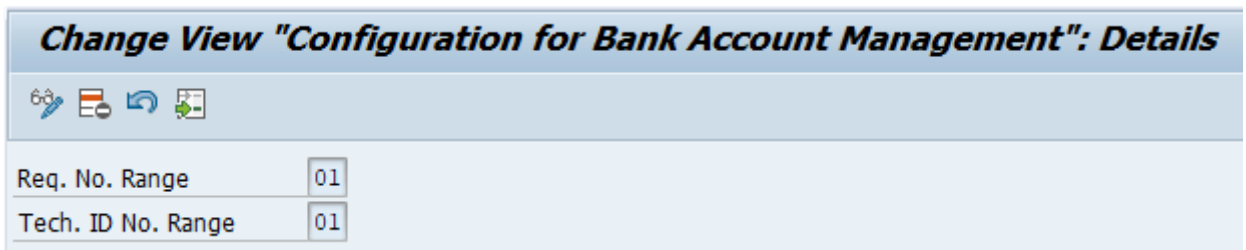
2. Press button «Save».

4.5.7 Assign Number Ranges

Use the menu path or run transaction:

Menu path	SAP IMG → SAP Customizing Implementation Guide → Financial Supply Chain Management → Cash and Liquidity Management → Bank Account Management → Basic Settings → Assign Number Ranges
Transaction code	SM30 (Table/View: FCLM_BAM_CONFIG)

1. Press button and add necessary configuration for bank account:



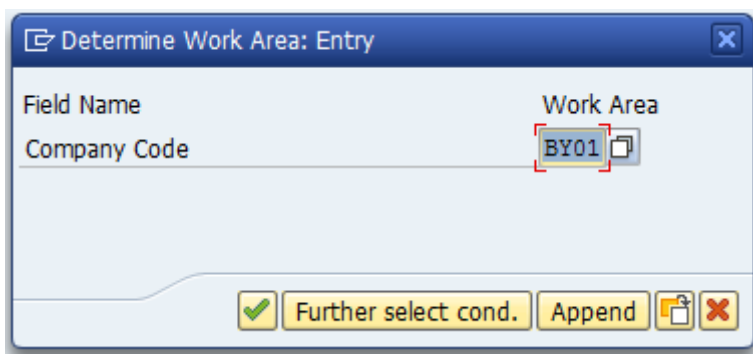
2. Press button  «Save».

4.5.8 Bank creation

Use the menu path or run transaction:







Menu path	SAP Easy Access → SAP Menu → Accounting → Financial Accounting → Banks → Master Data → House Banks → Create / Change
Transaction code	FI12_HBANK

- Warning: If you receive error message 'The maintenance dialog for V_T012 is incomplete or not defined' (message. № SV037) on S/4 HANA 1610 then implement SAP NOTE 2377529 - V_T012 maintenance dialog does not exist.
- Determine Company Code:




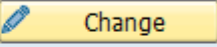
- Fill necessary data for House Bank creation:

Change View "House Banks": Details

 New Entries     

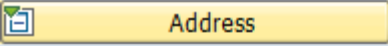
Company Code	BY01	ОАО "Демо-Беларусь"
House bank	BELS	ОАО "Бел Вэб"

House Bank Data

Bank Country	BY	Belarus	
Bank Key	153001795		

Communications data

Telephone 1	<input type="text"/>	Tax Number 1	<input type="text"/>
Contact Person	<input type="text"/>		

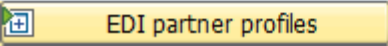
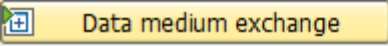
 Address

Address

Bank name	ОАО "Бел Вэб"		
Region	<input type="text"/>		
Street	Пр. Держинского		
City	Минск		
Bank Branch	<input type="text"/>		

Control data

SWIFT/BIC	52523532523
Bank group	<input type="text"/>
<input type="checkbox"/> Post Bank Acct	
Bank number	153001795

 EDI partner profiles
 Data medium exchange

4. Press button  «Save».

4.5.9 Migrate House Banks Accounts

Use the menu pass or run transaction:

Menu path	SAP IMG → SAP Customizing Implementation Guide → Migration to SAP S/4HANA Finance → Data Migration → Migrate House Banks Accounts
Transaction code	FCLM_BAM_MIGRATION

1. Select items and set account type 02:

Migrate House Bank Accounts

Opened On: 24.10.2017 | **Set Account Type** | Migrate Remote Connectivity Path

CoCd	Hous...	Acct ...	CrCy	Account Number	Status	Type	Technical ID
BY01	BELS	00001	BYN	3012004210360		02	
BY01	BELS	00002	USD	3014000000349		02	
BY01	BELS	00003	EUR	3014000000347		02	
BY01	BELS	00004	RUB	3014000000351		02	

Set Account Type ID

Account Type: 02

2. Execute by pressing or F8.
3. Do BC-set package /CBY/CBY_FI_BANK_2016_S4 re-activation.

4.5.10 Assign and Activate Country-Specific Fields to Field Groups

1. Run transaction SM30
2. Specify View V_GLOFAACNTRL and press button
3. Define Country key:

Determine Work Area: Entry

Field Name	Work Area
Country Key	BY

Buttons: Further select cond. | Append |

4. Assign Country-Specific Fields to Field Groups:

The screenshot shows the SAP 'Change View' interface for 'Assign Country-Specific Fields to Field Groups'. At the top, the title is 'Change View "Assign Country-Specific Fields to Field Groups": Overview'. Below the title, there are navigation icons and a 'New Entries' button. The 'Country' field is set to 'BY' and the 'Name' field is set to 'Belarus'. The main table is titled 'Assign Country-Specific Fields to Field Groups' and contains the following data:

Table Name	Time-Dep.	FG	Field group name
GLO_S_RUS_GNRLTD	<input checked="" type="checkbox"/>	G2	General Data CIS
GLO_S_RUS_GNRLTI	<input type="checkbox"/>	G1	General Data CIS

GLO_S_RUS_GNRLTD
GLO_S_RUS_GNRLTI

5. For the View V_GLOFAACNTRLC activate country-specific fields

The screenshot shows the SAP 'Activate Country-Specific Fields' view. The 'Country' field is set to 'BY' and the 'Name' field is set to 'Belarus'. The main table is titled 'Activate Country-Specific Fields' and contains the following data:

Active	Table Name
<input checked="" type="checkbox"/>	GLO_S_RUS_GNRLTD
<input checked="" type="checkbox"/>	GLO_S_RUS_GNRLTI

GLO_S_RUS_GNRLTD
GLO_S_RUS_GNRLTI

6. Save all changes.

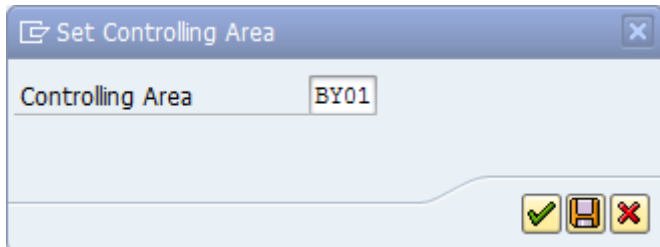
4.5.11 Cost Center creation

You need to create Costs Centers with the following parameters:

Cost Center	Name	Description	Cost Center Category	Hierarchy area	Currency	Valid From	Valid To	Bookmark Control							
								Record Quantity	Actual Primary costs	Act. Secondary costs	Actual revenues	Plan primary costs	Plan secondary costs	Plan revenues	Commitment update
20BY010001	Цехт №1	Цехт №1	F	20BY01	BYN	01.01.2013	31.12.9999	X			X			X	
25BY010001	Цех ремонта/ наладки	Цех ремонта/ наладки	H	25BY01	BYN	01.01.2013	31.12.9999	X			X			X	
26BY010001	Админист рация	Админист рация	L	26BY01	BYN	01.01.2013	31.12.9999				X			X	
44BY010001	Отдел продаж	Отдел продаж	V	44BY01	BYN	01.01.2013	31.12.9999				X			X	

Costs Center creation description:

1. Run transaction KS01 - Create Cost Center.
2. Specify the name of the Controlling Area:



3. Fill in the parameters on the Initial screen. Specify the Cost Center and validity.

Create Cost Center: Initial Screen

Master Data

Controlling Area	BY01
Cost Center	20BY010001
Valid From	01.01.2017 to 31.12.9999

Reference

Cost Center	
Controlling Area	

Press «Master Data» button.

4. On «Basic data» tab fill in parameters from table above:

Display Cost Center: Basic Screen

Drilldown

Cost Center	20BY010001	Цех № 17
Controlling Area	BY01	ОАО "Демо-Беларусь"
Valid From	01.01.2017 to 31.12.9999	

Basic data | Control | Templates | Address | Communication | History

Names

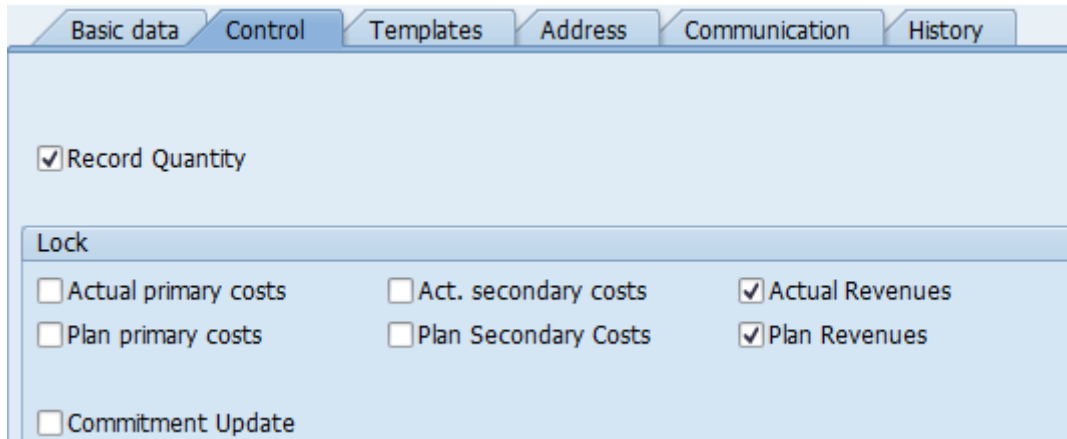
Name	Цех № 1
Description	Структ. подразделение: Цех №1

Basic data

User Responsible	
Person Responsible	OIvanov
Department	
Cost Center Category	F Production
Hierarchy area	20BY01
Business Area	
Functional Area	
Currency	BYN
Profit Center	

There is no need to fill in the field “Profit Center”; ignore the warning message concerning filling this field by pressing the Enter button.

- Go to «Control» tab and fill in remaining parameters from the table above:



Press button  «Save».

- Repeat the procedure with other Cost Centers from table.

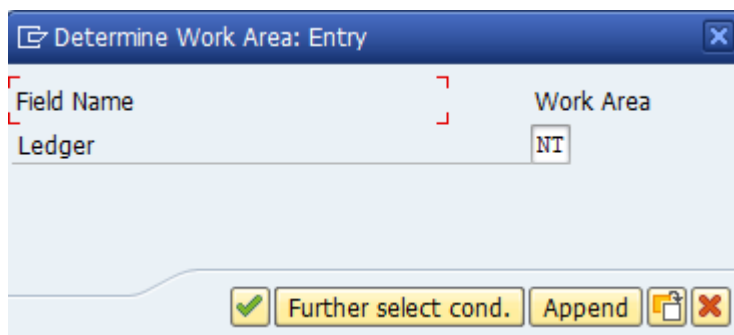
7. After creation all Costs Centers from table please do BC-set «/CBY/CBY_FI_COST_CENTER» package re-activation.


4.5.12 Define Document Types for Entry View in a Ledger

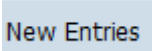
Use the menu pass or run transaction:

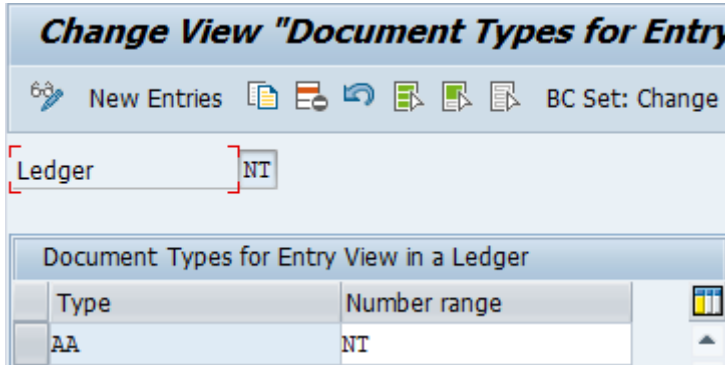
Menu path	SAP IMG: Financial Accounting → Financial Accounting Global Settings → Document → Document Types → Define Document Types for Entry View in a Ledger
Transaction code	SM30 (Table/view: V_FAGL_BELNR_LD)

- Enter Ledger NT




Press the button 

2. Press the button  and enter number range for the document type AA:

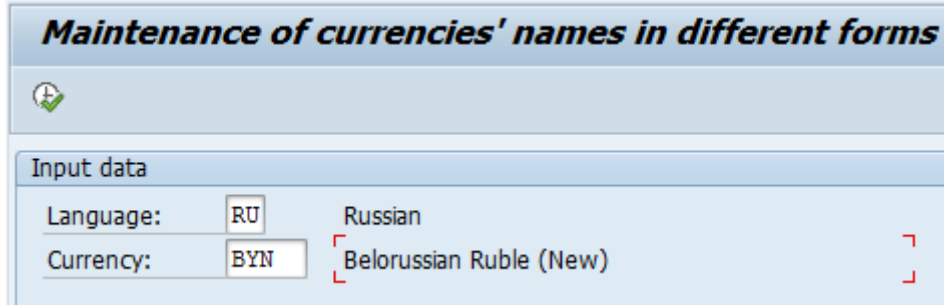


Type	Number range
AA	NT

3. Save by pressing the button .

4.5.13 Maintain Currencies in Different Cases

1. Run transaction /CBY/SPELL_CURR.
2. Set currency BYN on the selection screen.



Input data

Language: Russian

Currency: Belorussian Ruble (New)

Execute by pressing  or F8.

3. Fill parameters according to example below:

Maintenance of currencies' names in different forms

Исходные данные

Language: RU Russian
 Currency: BYN Belorussian Ruble (New)

Main unit

Feminine gender

One белорусский рубль
 Two белорусских рубля
 Five белорусских рублей
 Сокращенно бел.руб.

Decimal unit

Feminine gender

One копейка
 Two копейки
 Five копеек
 Сокращенно коп.

	Main unit		Decimal unit	
	Feminine gender	Data	Feminine gender	Data
One		белорусский рубль	V	копейка
Two		белорусских рубля		копейки
Five		белорусских рублей		копеек
Сокращенно		бел. руб.		коп.

4. Save by pressing  «Save».

4.5.14 Creation of Controlling Reference Order

You need to create controlling reference orders for internal orders: IM81, IM82. Run the transaction code KOM1 to proceed.

On the first screen of the controlling reference order creation, press the button 'Master data', and set the Controlling area primary as follows:

Fill in the following parameters:

- Reference order number : \$IM81
- Company code – Company code

- Object class – Investment
- Requesting company code

Create Model Order: Master data

Settlement Rule

Order: \$IM81 Order type: \$\$ Internal orders: Model order

Description: Заказ на модернизацию

Assignments Control data Prd-end closing General data Investments

Assignments

Controlling Area	BY01	ОАО "Демо-Беларусь"
Company Code	BY01	ОАО "Демо-Беларусь"
Business Area		
Plant		
Functional Area		
Object Class	INVST Investment	
Profit Center		
Responsible CCtr		
User Responsible		
WBS element		
Requesting CCtr		
Requesting Co.Code	BY01	ОАО "Демо-Беларусь"
Requesting order		
Sales Order		
Location/Plant		/
External order no.		

On "Investment" tab specify Assets classes:


- BY0804 – for reference order \$IM81

Assignments Control data Prd-end closing General data Investments

Investment Management

Investment Profile	BY0804
Scale	
Investment Reason	
Envir. Investment	

Assignment to investment program / appropriation request

Save reference order for controlling orders .

Do the following steps for the next reference order:

- Reference order number : \$IM82
- Company code – Company code
- Object class – Investment

- Requesting company code

Create Model Order: Master data

Settlement Rule

Order: \$IM82 Order type: \$\$ Internal orders: Model order

Description: Заказ на реконструкцию

Assignments Control data Prd-end closing General data Investments

Assignments

Controlling Area	BY01	ОАО "Демо-Беларусь"
Company Code	BY01	ОАО "Демо-Беларусь"
Business Area		
Plant		
Functional Area		
Object Class	INVST Investment	
Profit Center		
Responsible CCtr		
User Responsible		
WBS element		
Requesting CCtr		
Requesting Co.Code	BY01	
Requesting order		
Sales Order		
Location/Plant		/
External order no.		

On "Investment" tab specify Assets classes:


- BY0803 – for reference order \$IM82

Assignments Control data Prd-end closing General data Investments

Investment Management

Investment Profile	BY0803
Scale	
Investment Reason	
Envir. Investment	

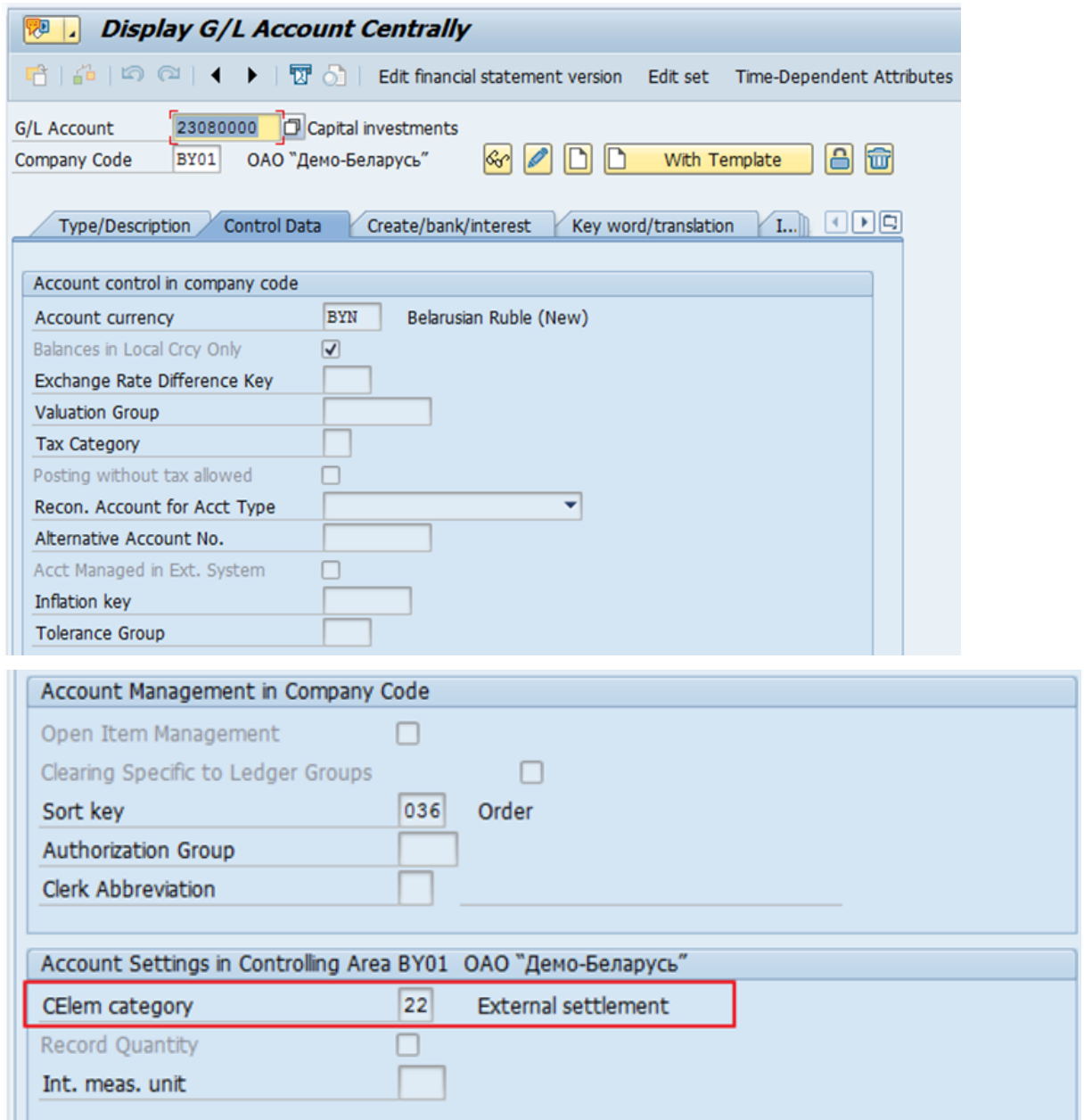
Assignment to investment program / appropriation request

Save reference order for controlling orders  .

4.5.15 Primary Cost Elements Creation

Primary costs elements creation description

1. Run transaction – FS00
2. For mentioned Primary Costs or Revenue accounts assign Cost element category on the tab Control data due to the info from the table below:



Display G/L Account Centrally

G/L Account: 23080000 Capital investments
 Company Code: BY01 ОАО "Демо-Беларусь"

Account control in company code

Account currency	BYN	Belarusian Ruble (New)
Balances in Local Crcy Only	<input checked="" type="checkbox"/>	
Exchange Rate Difference Key		
Valuation Group		
Tax Category		
Posting without tax allowed	<input type="checkbox"/>	
Recon. Account for Acct Type		
Alternative Account No.		
Acct Managed in Ext. System	<input type="checkbox"/>	
Inflation key		
Tolerance Group		

Account Management in Company Code

Open Item Management	<input type="checkbox"/>	
Clearing Specific to Ledger Groups	<input type="checkbox"/>	
Sort key	036	Order
Authorization Group		
Clerk Abbreviation		

Account Settings in Controlling Area BY01 ОАО "Демо-Беларусь"

CElem category	22	External settlement
Record Quantity	<input type="checkbox"/>	
Int. meas. unit		

Balance account	Balance account name	Cost element category
23080000	Капиталовложения	22
31070000	Оборудование к установке	1
35140100	Стоимость строительно-монтажных работ по НКС	1
90100100	Счет восстановления инвест.бонуса	1
90070100	Счет начисления инвест.бонуса	1
35140200	Стоимость сумм переоценки по НКС	1

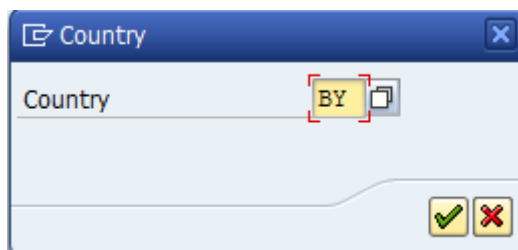
Save changes.

4.5.1 Run Tax Codes Transfer

1. Run transaction FTXP, or Run transaction SPRO and go to the menu:

SAP IMG → Financial Accounting → Financial Accounting Global Settings → Tax on Sales/Purchases → Calculation → Define Tax Codes for Sales and Purchases

2. Specify country – BY

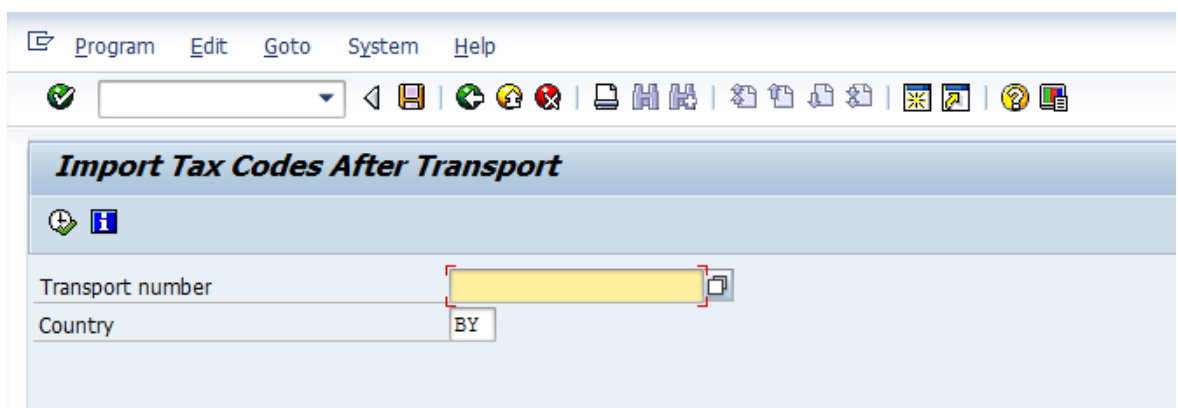


Press button  «Next».


3. Choose menu: Tax code → Transport → Import

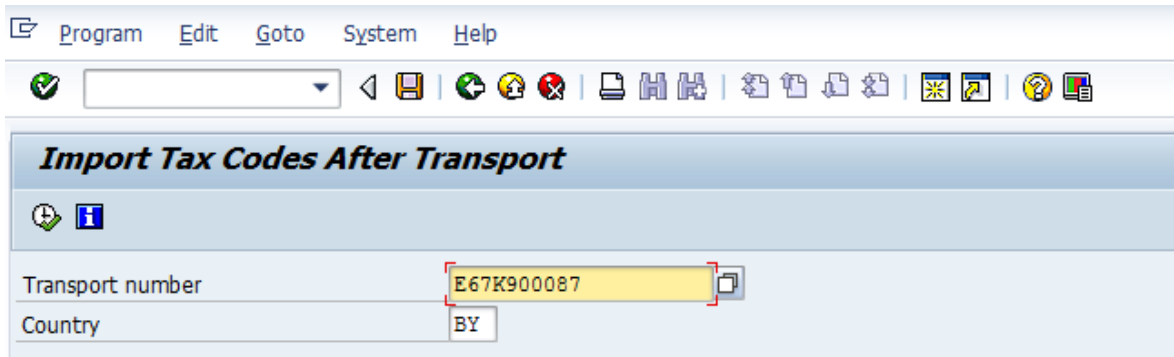
Press button  «Next».

4. System prompts you to specify Transport number.



5. Specify the request technical name from BC-set package /CBY/CBY_FITAX_E67 (table T007V)

6. Run import process by pressing  "Execute" button or F8.



7. As a result of process the report appears.

8. Do the same steps of importing tax code from BC-set package /CBY/CBY_FI_TAX_S4_1610 or /CBY/CBY_FI_TAX_S4_1709 (transport number: E67K900057) and from /CBY/CBY_FI_TAX2_S4_1610 or /CBY/CBY_FI_TAX2_S4_1709 (transport number: E70K900499).

4.5.2 Maintaining international bank address

For correct filling output forms, it is necessary to fill bank international address address.

1. Run transaction FI01/FI02 or go to menu: SAP Easy Access → SAP Menu → Definition → Accounting → Financial Accounting → Banks → Master Data → Bank Master Record → Create/Change
2. Select country and necessary bank.
3. Press the button "Address"

The screenshot displays the 'Change Bank : Detail Screen' in SAP. The interface is organized into several sections:

- Change Documents:** A button with a document icon is highlighted with a red box.
- Bank Information:** Bank Country is set to 'BY' (Belarus) and Bank Key is '153001795'.
- Address:** Bank name is 'ОАО "Бел Вэб"', Region is empty, Street is 'Пр. Держинского', City is 'Минск', and Bank Branch is empty.
- Control data:** SWIFT/BIC is '52523532523', Bank group is empty, Postbank Acct is unchecked, and Bank number is '153001795'.

4. Press the button "International Versions", choose option International and fill address data:

Bank BY 153001795

Name

Title: [dropdown menu]

Name: ОАО "Бел Вэб"

Search Terms

Search term 1/2: ОАО "Бел Вэб"

Street Address

House Number/Street: 23 пр. Держинского

City/State/ZIP Code: Минск 220000

Country: BY Belarus

Time zone: EET Jurisdiction: [dropdown menu]

PO Box Address

PO Box: [input field]

Postal Code: [input field]

Company Postal Code: [input field]

Communication

Language: RU Russian [dropdown menu] Other Communication... [button]

Telephone: [input field] Extension: [input field]

Mobile Phone: [input field]

Fax: [input field] Extension: [input field]

E-Mail: [input field]

Comments: [input field]

Buttons: [checkmark] [down arrow] [print] Preview [lock] [close]

4.5.3 Defining Precious Materials for Fixed Assets Master Data Maintenance

Use the menu pass or run transaction:

Menu path	SAP IMG → Financial Accounting → Asset Accounting → Master Data → Country-Specific Functions → Russia → Define Precious Materials for Asset Master Data Maintenance
Transaction code	SM30 (Table/view: J_3RF_PRECMET)

1. Fill in the customizing table with all needed precious materials:

Define Precious Materials (Metals and Diamonds) for Assets						
Code	Description of Precious Material	OKP Code	Countable	QuantUnit	WeightUnit	
1	Gold		<input checked="" type="checkbox"/>	GAU	G	
2	Silver		<input checked="" type="checkbox"/>	GAU	G	
3	Bronze		<input checked="" type="checkbox"/>	GAU	G	
4	Platinum		<input checked="" type="checkbox"/>	GAU	G	

Code	Description of Precious Material	OKP Code	Precious Material Countable	Quantity Unit	Weight Unit
1	Gold		X	GAU	G
2	Silver		X	GAU	G
3	Bronze		X	GAU	G
4	Platinum		X	GAU	G

2. Save the settings to the request, defined for the FI-AA package activation; or in a separate request (at your discretion).

4.5.4 Loading the EXCEL Template for the Balance and Applications 2, 3 to the Balance

Balance sheets forms creation (Balance.1, Profit and Loss report form 2, Capital flow report F.3.) is performed by means of Excel in place functionality. Respectively, to generate forms of each of the above-mentioned forms, you need to download the appropriate Excel templates.

Sequence of Steps

1. Refer to SAP Note 2793313 “Excel templates for SAP S/4HANA Finance, localization extension for the Republic of Belarus” for information about corresponding excel template.
2. Define required template and save it to your computer
3. Run the transaction F.01 «Financial Statements» (or FC10N), specifying the appropriate Chart of accounts, Company code and Financial statement version BYF1, BYF2, BYF3 and as output the list - ALV-grid:

Financial Statements

Data Sources

G/L account selection

Chart of accounts CABY to

G/L account to

Company code BY01 to

Selection using search help

Search help ID

Search string

Search help

Transaction Figures Selection

Business area to

Currency type

Ledger 0L

Further selections Special evaluations Output control

Financial statement version BYF1 Language EN

Reporting year 2017

Reporting periods 1 to 16

Comparison year 2016

Comparison periods 1 to 16

Plan Version



List output

Classical list

ALV grid control Layout

ALV Tree Control Layout

As structured balance list

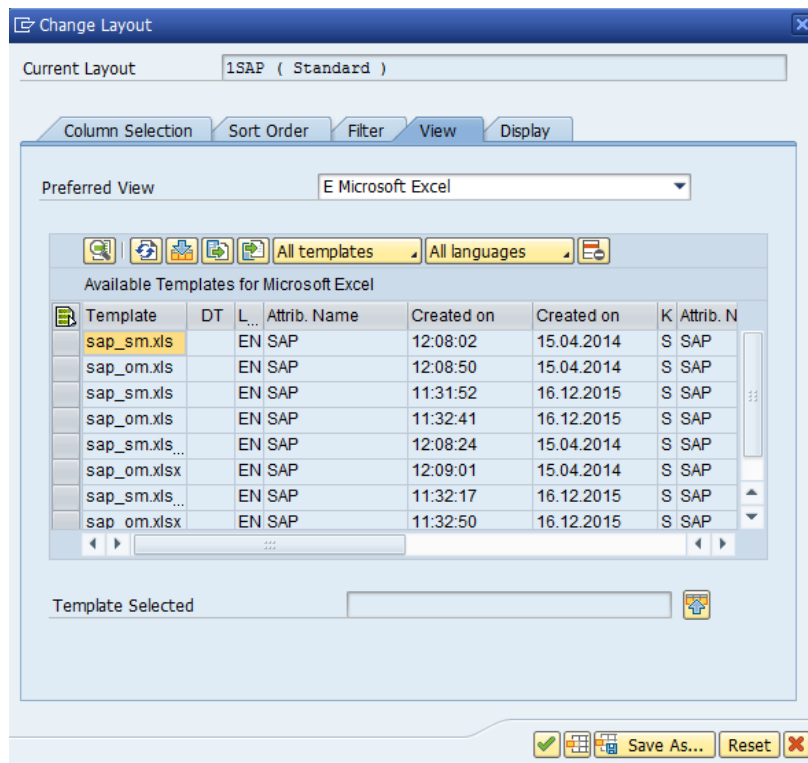
4. Chose Execute .
5. Make sure that in the appeared list as the current format selected a standard format (1SAP-standard and columns structure correspond to that shown in the figure below). Then press the button  to change the format.


Financial Statements

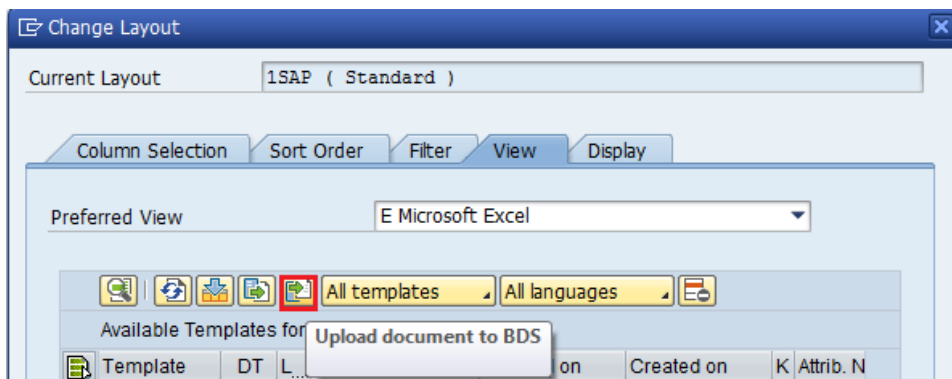
OL Ledger
 10 Currency type Company code currency
 BYN Amounts in Belarusian Ruble (New)
 2017.01 - 2017.16 Reporting periods
 2016.01 - 2016.16 Comparison periods

FS Item	Text for B/S P&L Item	Tot.Rpt.Pr	Tot.Cmp.Pr	Abs. Difference	Pct.Diff.
300	АКТИВ				
300	-----				
290	КРАТКОСРОЧНЫЕ АКТИВЫ				

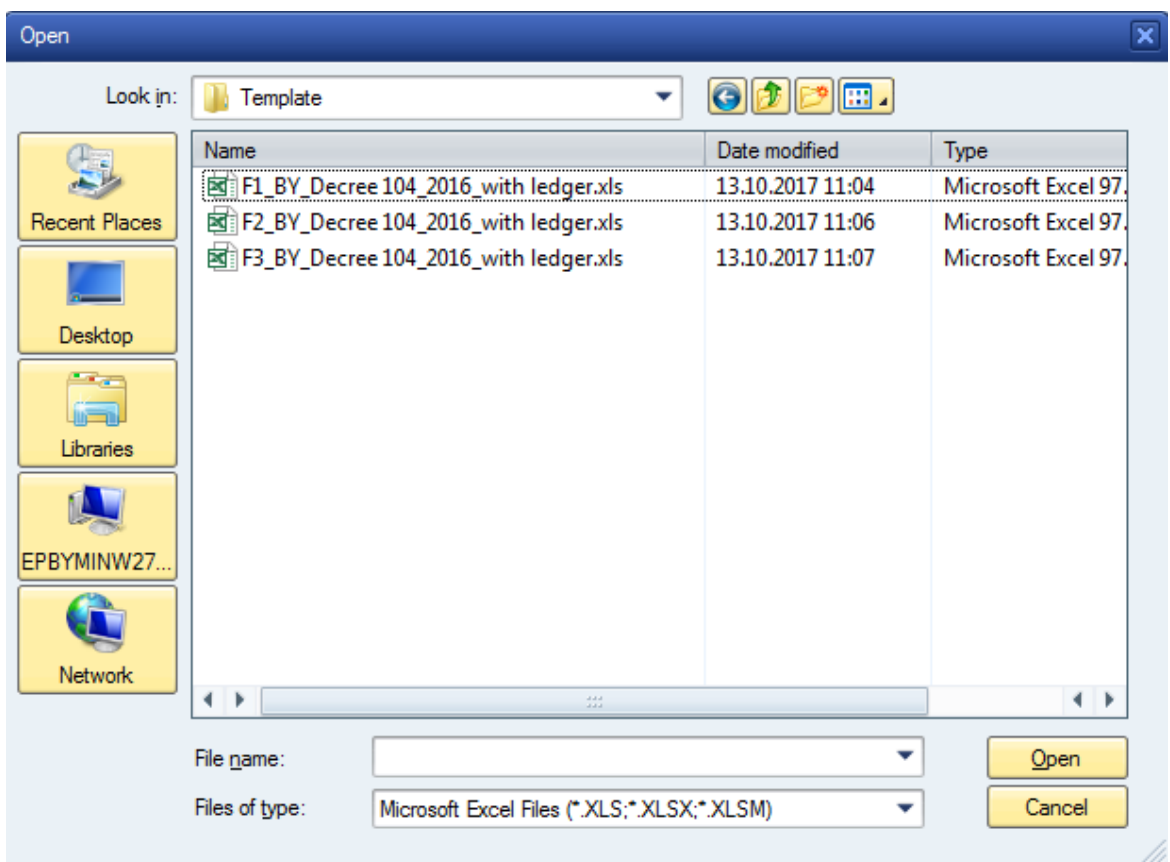
6. On the appeared screen, choose the tab View and as Preferable view – Microsoft Excel:



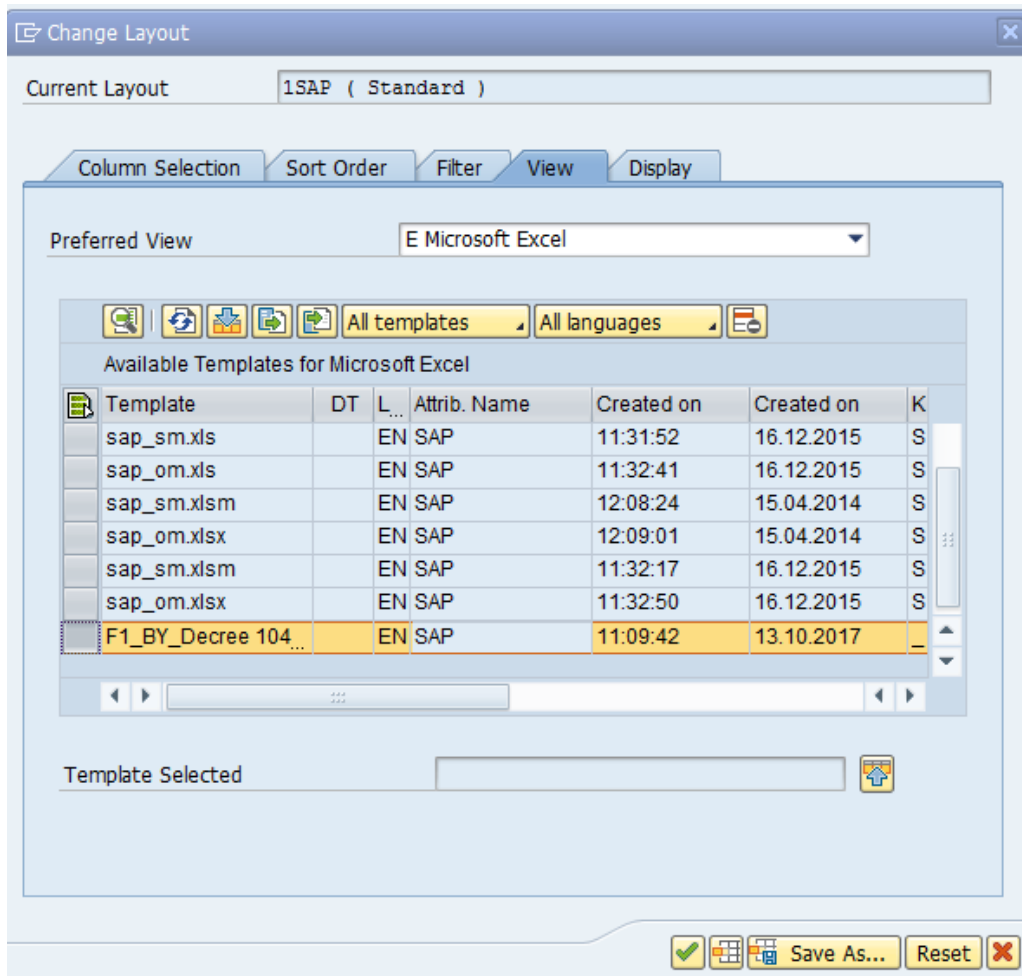
7. Press the Button “Upload document to BDS” 




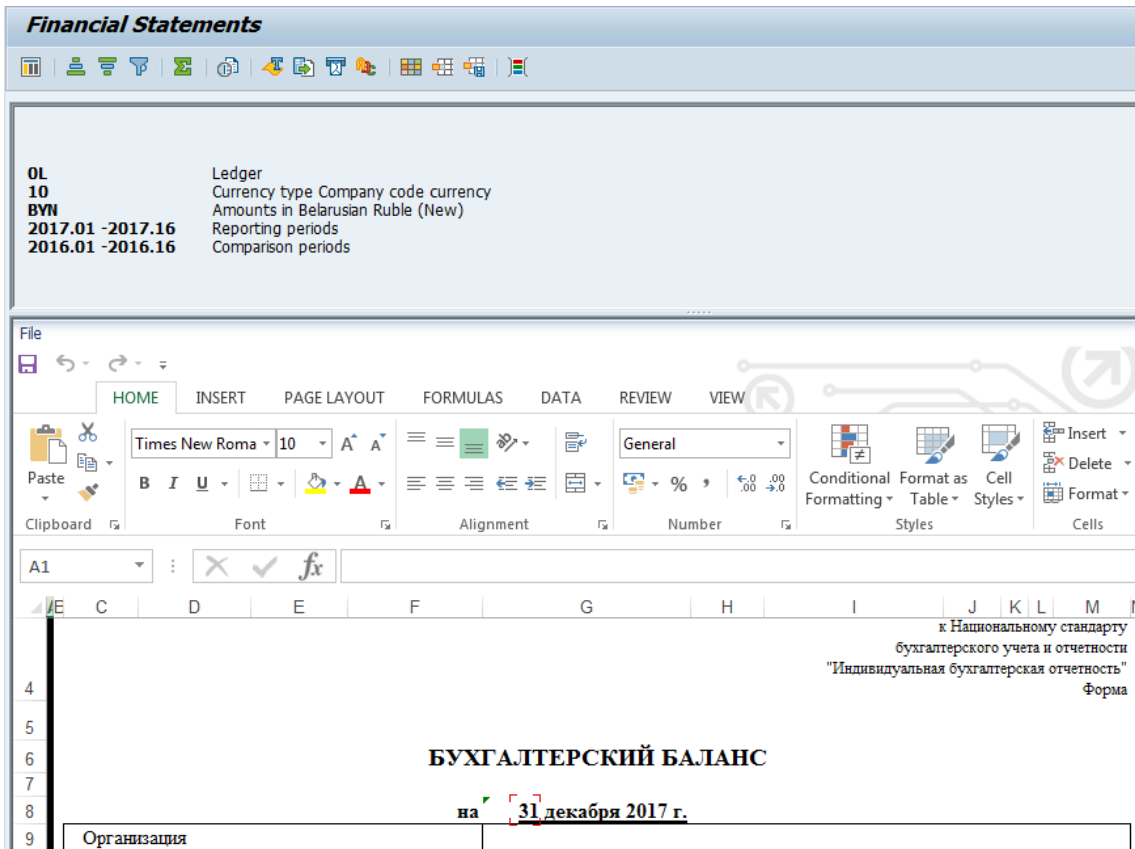
8. Load required template for relevant Financial statement version from your computer.



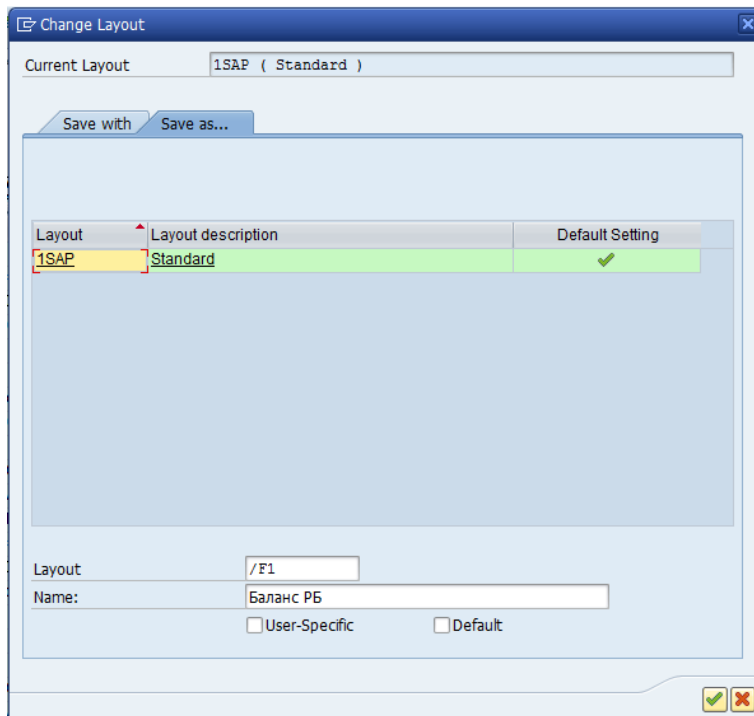
9. Choose uploaded template



10. Save the layout by pressing the button Adopt  - Financial statement version in Excel format will be generation



11. Press the button Save Layout 



12. The mentioned steps should be performed for the forms 2 and 3.

Whenever the template creation empty forms are displayed when there is information about account turnover, check the integration configuration of SAP ad Excel - see SAP notes: 722513 - Desktop Office Integration: Maintenance information, Note 696069 - No data when view Excel Inplace on ALV with Office 2003/XP

4.5.5 EXCEL Template Loading for the 4th Form

To print an application to balance number 4: "Statement of Cash Flows", you need to load an xls template in SAP business documents system (BDS).

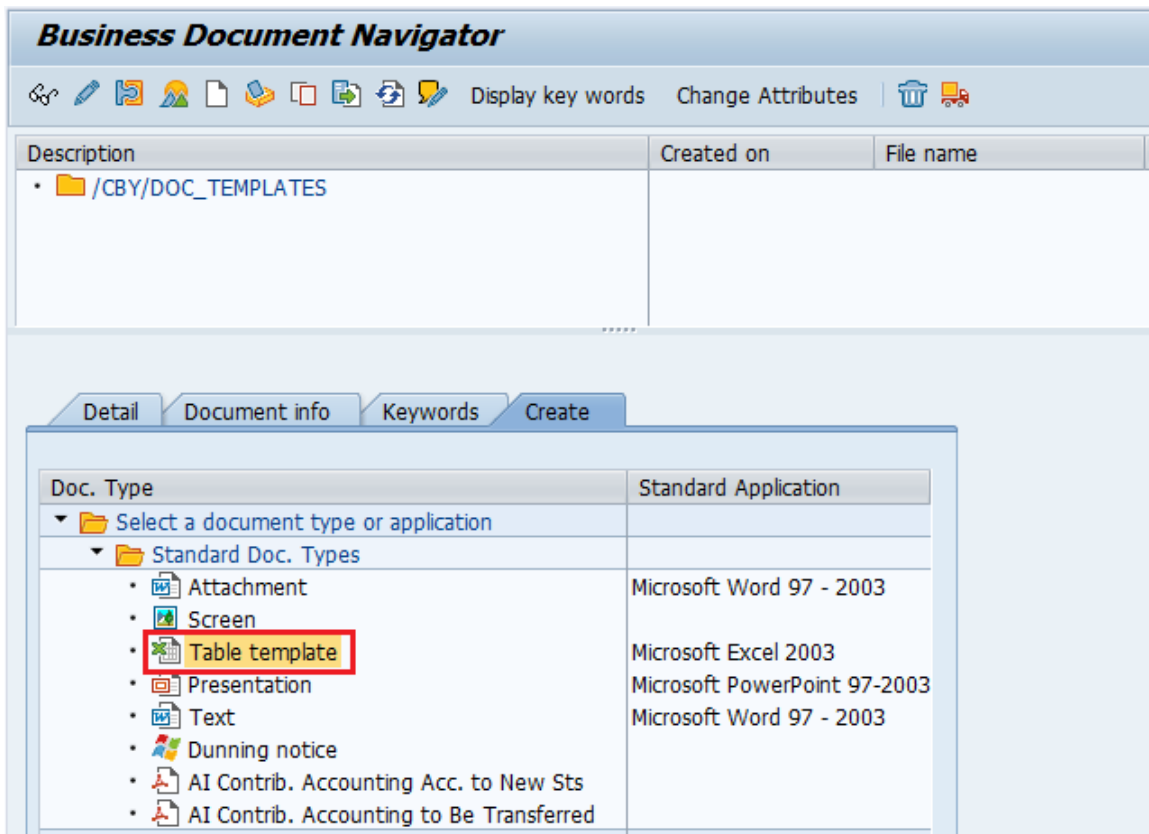
Sequence of Steps

1. Refer to SAP Note 2793313 "Excel templates for SAP S/4HANA Finance, localization extension for the Republic of Belarus" for information about corresponding excel template.
2. Save the template to your computer
3. Run the transaction OAER for template loading to BDS system:
4. Fill in the following data on the selection screen according to the table:

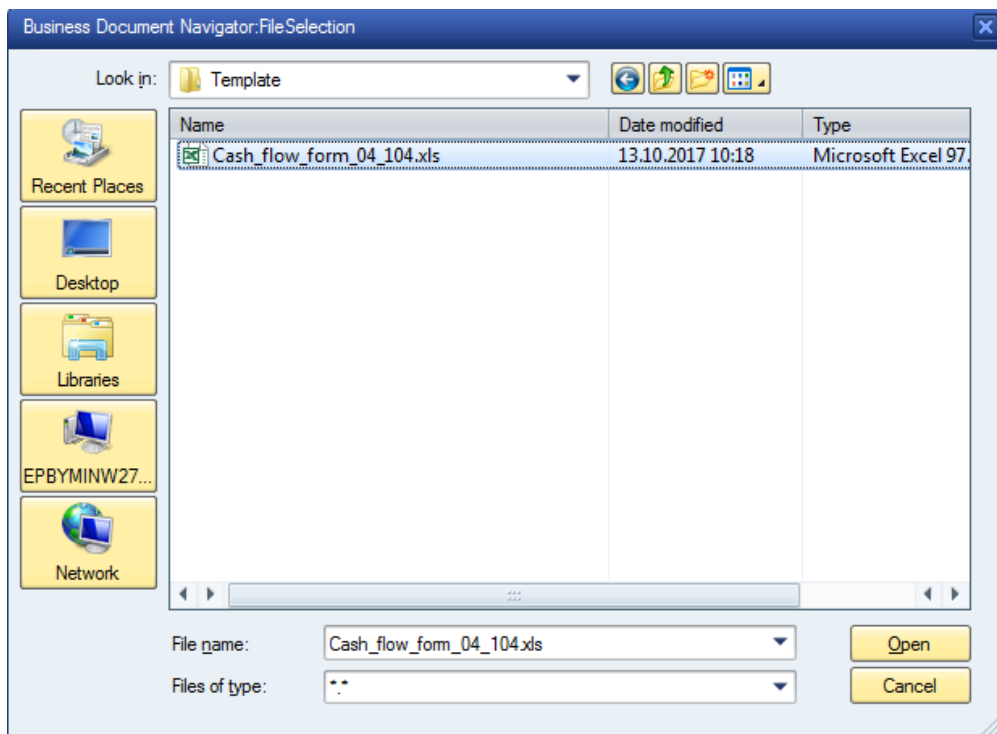
Field name	Description	Field value	Comments
Class name		/CBY/DOC_TEMPLATES	
Class type		OT	Other objects
Object key		/CBY/CASH_FLOW_FORM4	

5. Chose Execute .

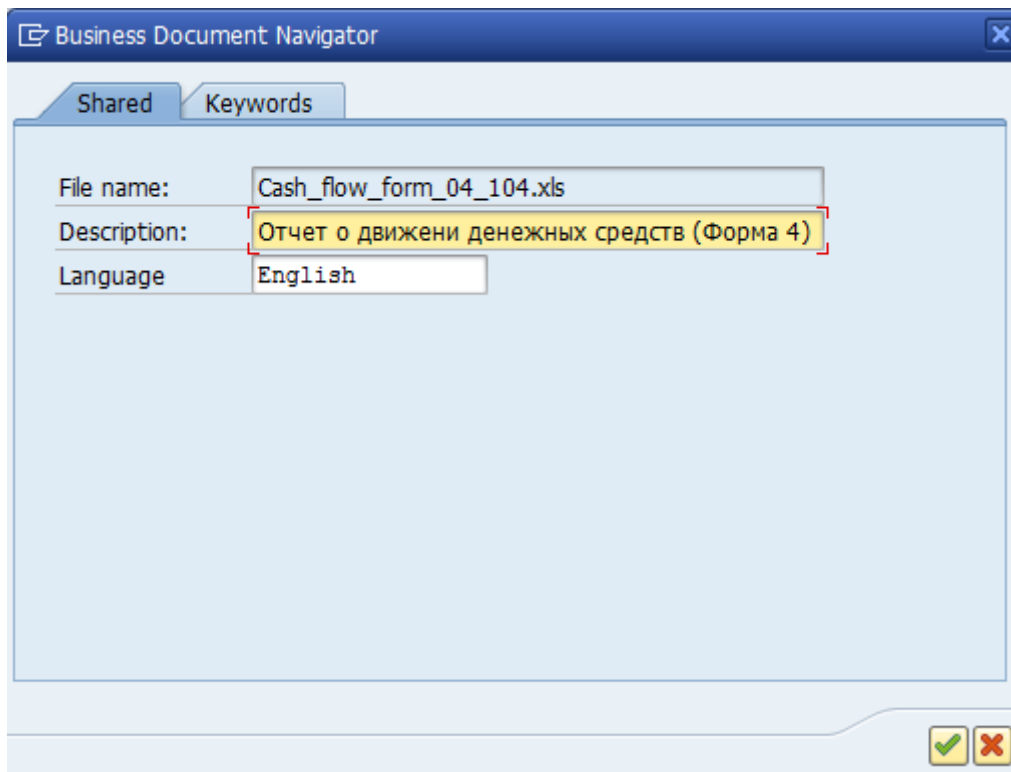
6. In the Business documents navigator from standard document types, choose Table sample (press twice on table sign):



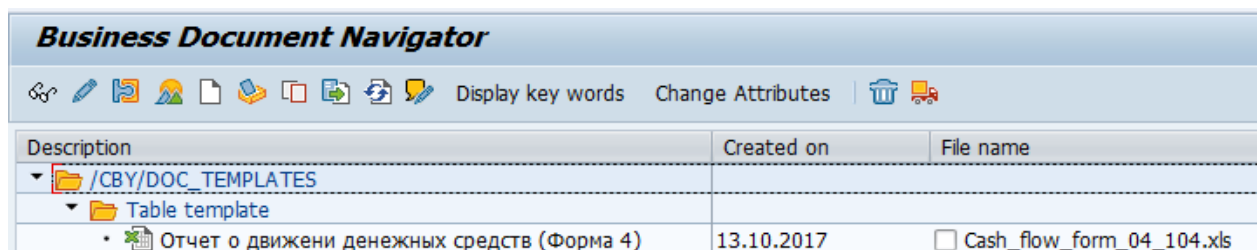
7. Define the way to find and load the document the template from your computer:




8. After finding the document template, press the button «Open».
9. Give the template an understandable description:



10. Press the button “Continue” or Enter.
11. If the template was loaded successfully, it will appear in the upper window of the business navigator:



12. Leave the transaction .

4.5.6 Loading the EXCEL Template for Vendor/Customer Reconciliation Statement.

To print: "Vendor/Customer Reconciliation Statement", you need to load an xls template in SAP business documents system (BDS).

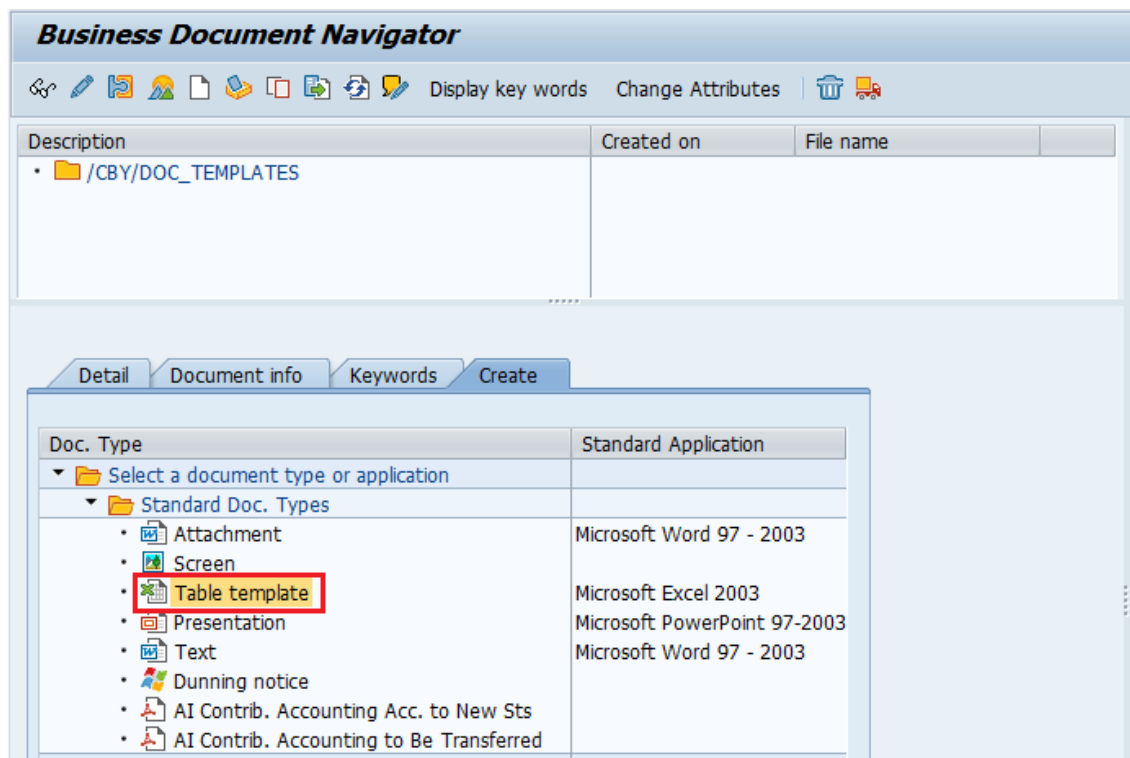
Sequence of Steps

1. Refer to SAP Note 2543855 “Excel templates for Add-on installation steps on the date 04.10.2017” for information about corresponding excel templates location.
2. Save the template to your computer
3. Run the transaction OAER for template loading to BDS system:
4. Fill in the following data on the selection screen according to the table:

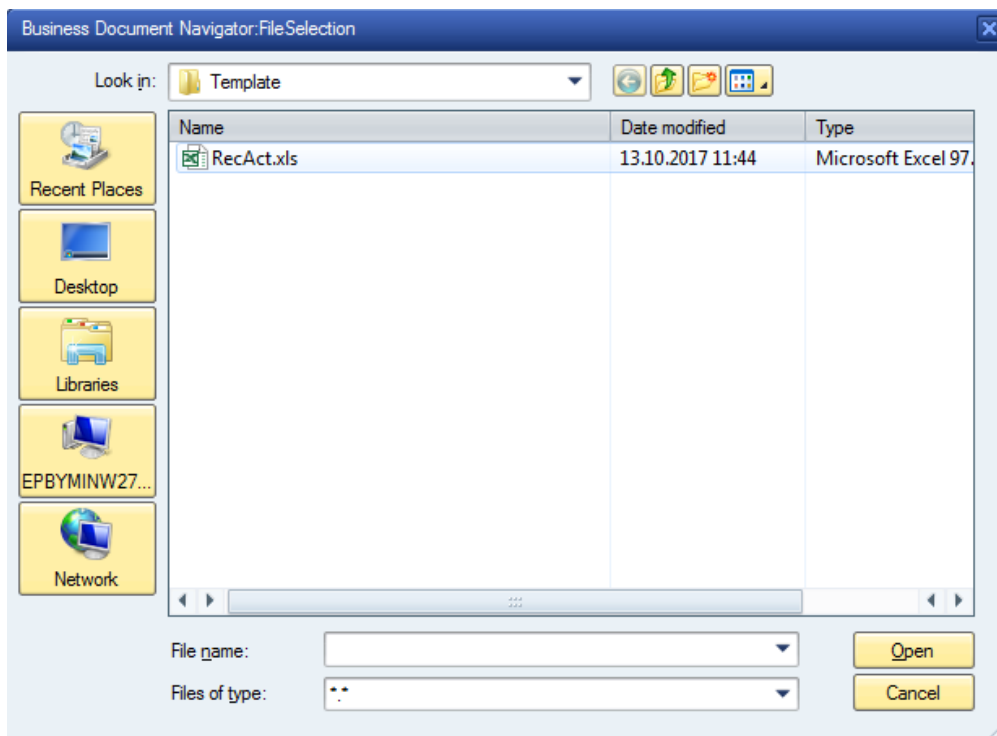
Field name	Description	Field value	Comments
Class name		/CBY/DOC_TEMPLATES	
Class type		OT	Other objects
Object key		/CBY/ACC_REC_FULL	

5. Chose Execute .

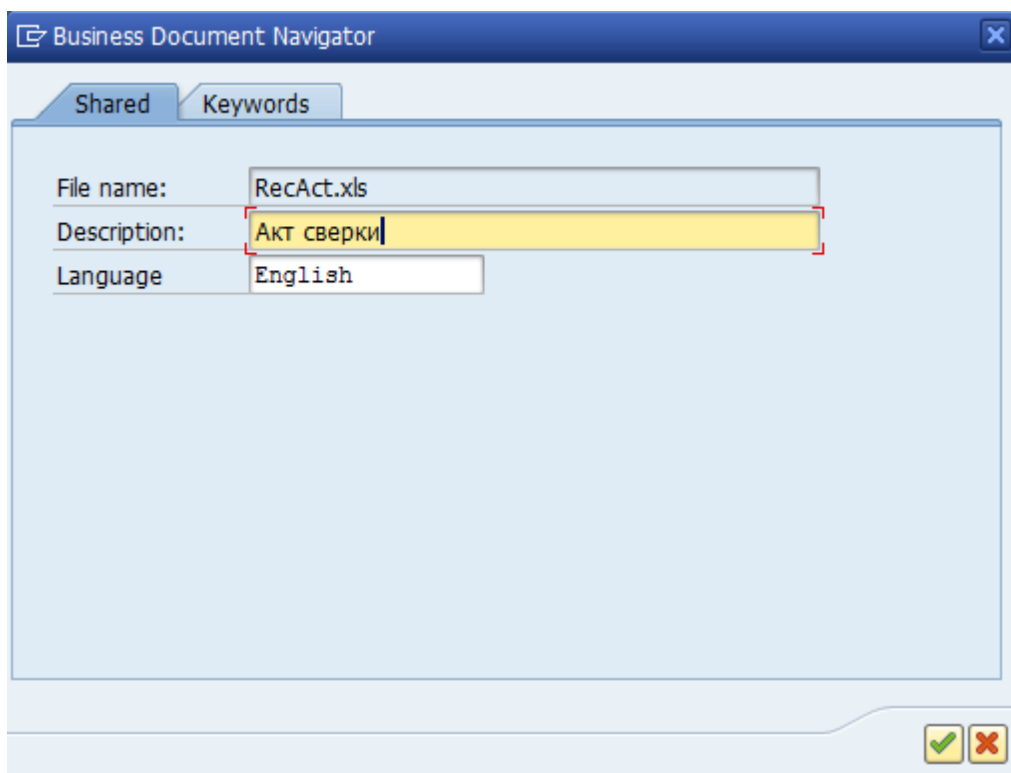
6. In the Business documents navigator from standard document types, choose Table sample (press twice on table sign):



7. Define the way to find and load the template from your computer:

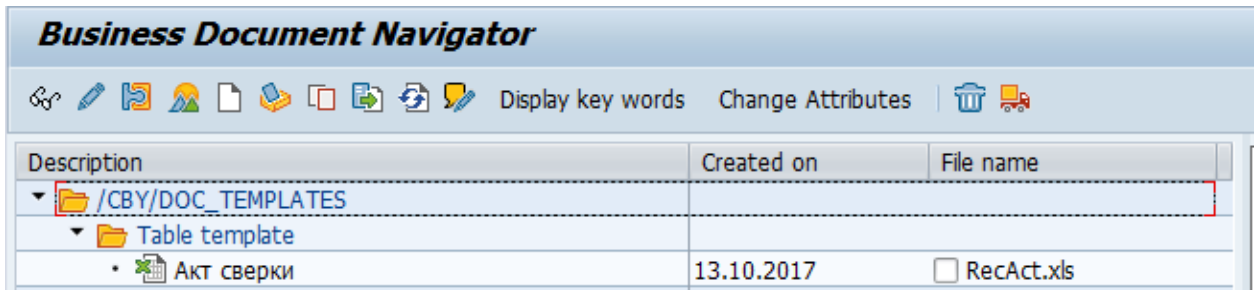



8. After finding the document template, press the button «Open».
9. Give the template an understandable description:



10. Press the button “Continue” or Enter.

11. If the template was loaded successfully, it will appear in the upper window of the business navigator:



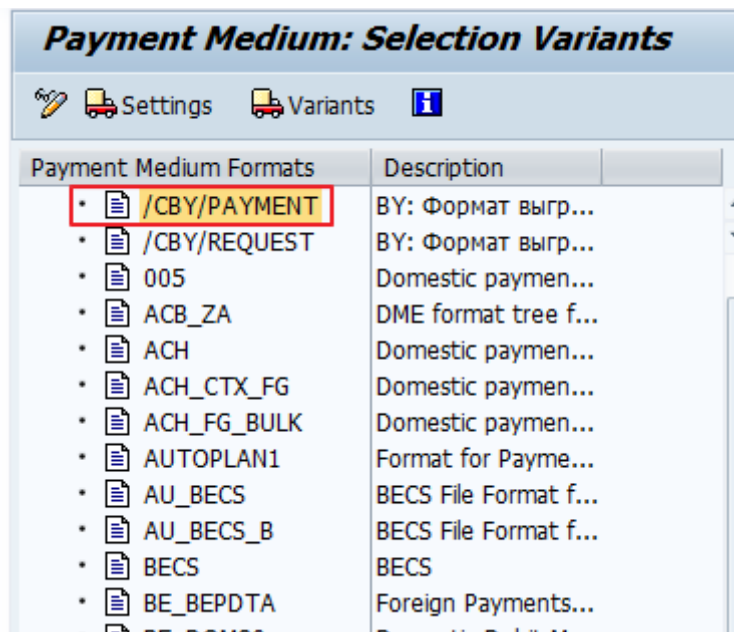
12. Leave the transaction .


4.5.7 Automatic Payment Transactions settings

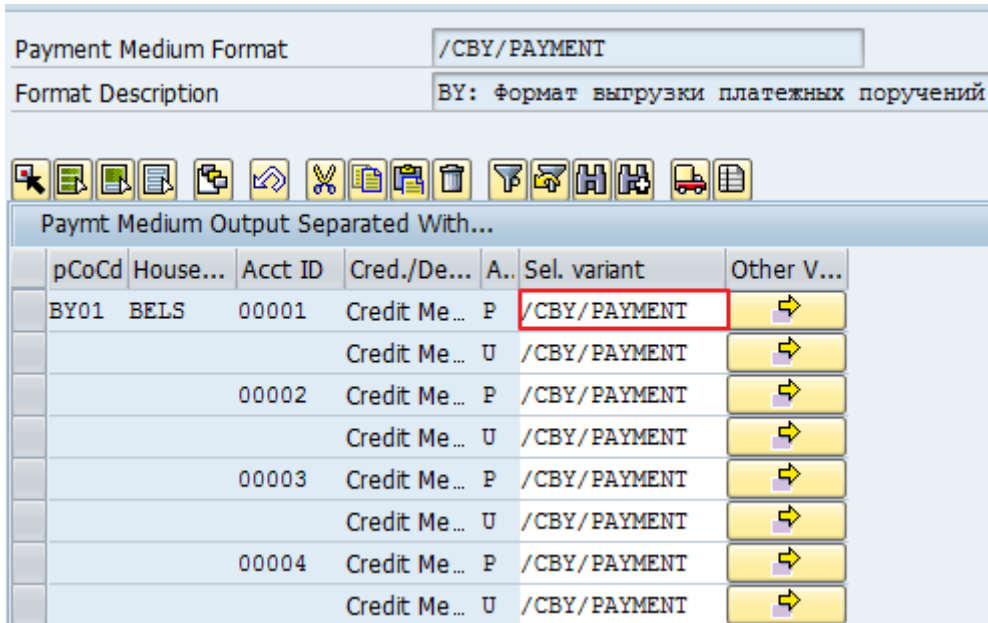
1. Use the menu pass or run transaction for Payment Medium Formats creating :









Menu path	SAP IMG → Financial Accounting → Accounts Receivable and Accounts Payable → Business Transactions → Outgoing Payments → Automatic Outgoing Payments → Payment Media → Make Settings for Payment Medium Formats from Payment Medium Workbench → Create Payment Medium Formats
Transaction code	OBPM4

2. In the Payment Medium Formats navigator choose /CBY/PAYMENT (press twice on table sign):

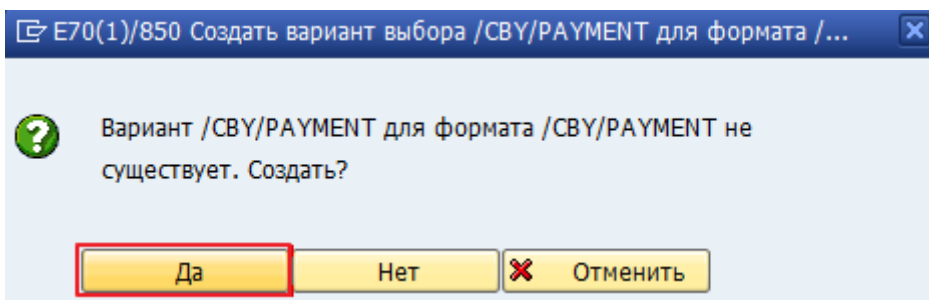


3. Paymt Medium Output Separated With... enter Sel. Variant /CBY/PAYMENT and press the button «Save» .



pCoCd	House...	Acct ID	Cred./De...	A..	Sel. variant	Other V...
BY01	BELS	00001	Credit Me...	P	/CBY/PAYMENT	
			Credit Me...	U	/CBY/PAYMENT	
		00002	Credit Me...	P	/CBY/PAYMENT	
			Credit Me...	U	/CBY/PAYMENT	
		00003	Credit Me...	P	/CBY/PAYMENT	
			Credit Me...	U	/CBY/PAYMENT	
		00004	Credit Me...	P	/CBY/PAYMENT	
			Credit Me...	U	/CBY/PAYMENT	

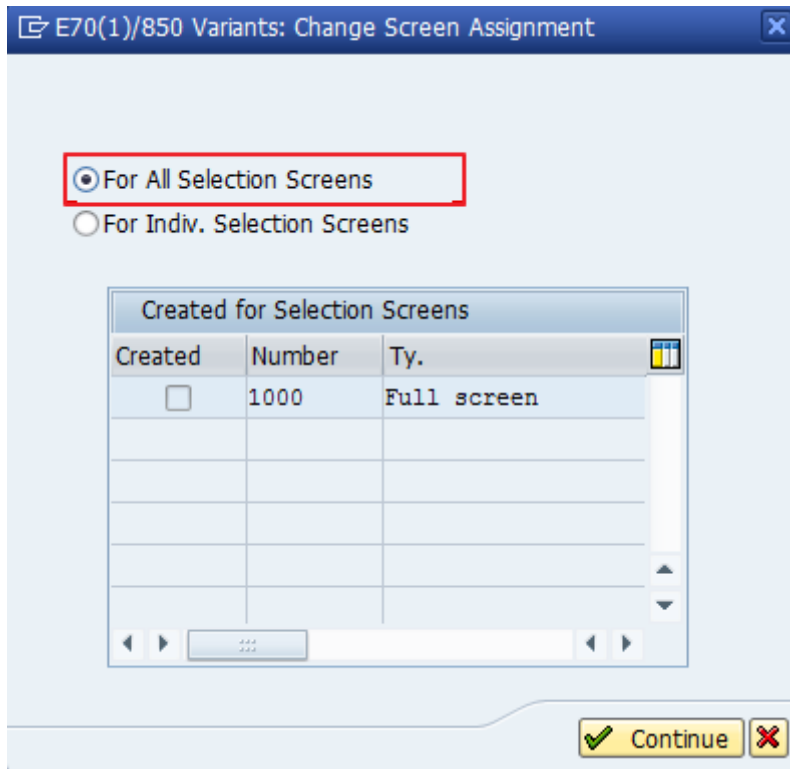
4. Press the button «Yes».



E70(1)/850 Создать вариант выбора /CBY/PAYMENT для формата /...





Вариант /CBY/PAYMENT для формата /CBY/PAYMENT не существует. Создать?

5. Choose the radio button «For All Selection Screens» and press the button .



6. Enter Payment Medium Format /CBY/PAYMENT, choose the checkbox Payment order and Screen Output.

Payment Medium: Creation

Run Date

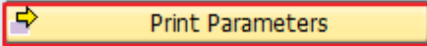
Identification

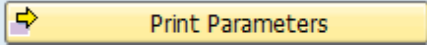
Proposal run


Format


Payment Medium Format

Print Control

Формуляр Пл.поручения 

Файл выгрузки в Клиент-банк 

Payment Summary 

Error Log 

Output Control

Payment Document Validation

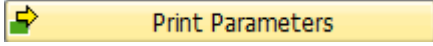
Output to file system

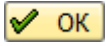
File name

Form **Формуляр Пл.поручения**


Filler for digits in words

Payment Summary Layout **Screen Output**

Press the button  for Payment order.

7. Enter the Output Device name and press the button .

8. Press the button «Back»  and press the button «Yes».

9. Enter Descript. and press the button .

Variant Attributes

Copy Screen Assignment

Variant Name: /CBY/PAYMENT

Descript.: /CBY/PAYMENT

Only for Background Processing
 Protect Variant
 Only Display in Catalog
 System Variant (Automatic Transport)

Scrn Assignm.	
Created	Selection Scrns
<input checked="" type="checkbox"/>	1000

Technical name

Objects for selection screen

Do similar steps for Payment Medium Format /CBY/REQUEST.

4.5.8 Filling the Additional Data Elements Of The Organizational Structure (MM/SD)

Use the menu pass or run transaction to fill the address data for Sales organization:

Menu path	SAP IMG → Enterprise Structure → Definition → Sales and Distribution → Define, copy, delete, check sales organization → Define Sales Organization
Transaction code	SM30 (Table/View: V_TVKO)

1. Mark the line with Sales organization and press *Address on* Tool bar.

Change View "Sales organizations": Overview

New Entries BC Set: Change Field Values

SOrg.	Name
0001	Sales Org. 001
BY01	Sales Org. BY01

2. Fill in the data in the form:

Edit Address: BY01

Name

Title

Name Сбытовая организация ВУ

Search Terms

Search term 1/2 BY01

Street Address

Street/House number Мирошниченко 24

Postal Code/City 220090 МИНСК

Country BY Belarus Region

Time zone EET

PO Box Address

PO Box

Postal Code

Company Postal Code

Communication

Language RU Russian Other Communication...

Telephone Extension

Mobile Phone


Fax Extension

E-Mail

Standard Method

Comments

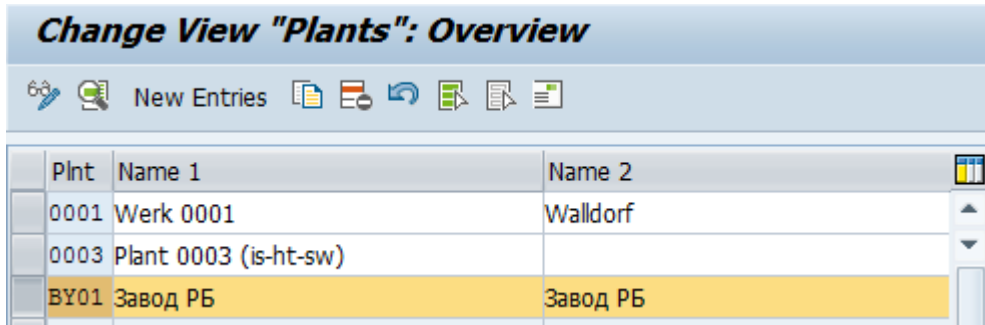
Preview International Versions

3. Save the changes  .

Use the menu pass to fill the address data for the Plant:

Menu path	SAP IMG → Enterprise Structure → Definition → Logistics – General → Define, copy, delete, check plant → Define Plant
Transaction code	

1. Mark the line with Plant in the list and press *Address* on Tool bar:



2. Fill in the data in the form:

Edit Address: BY01

Name

Title

Name

Search Terms

Search term 1/2

Street Address

Street/House number

Postal Code/City

Country Belarus

Time zone

PO Box Address

PO Box

Postal Code

Company Postal Code

Communication

Language

Telephone Extension

Mobile Phone

Fax Extension

E-Mail

Standard Method

Comments

Preview International Versions

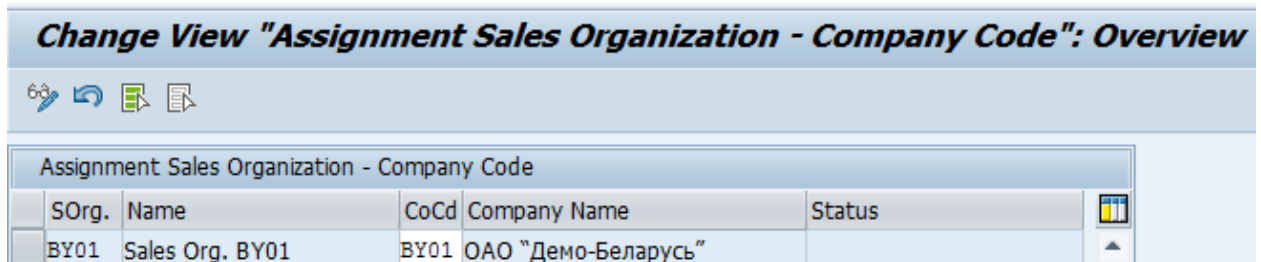
3. Save the changes.

4.5.9 Assigning Sales Organization To Company Code

Use the menu pass or run transaction of organizational objects assignment in the enterprise structure:

Menu path	SAP IMG → Enterprise structure → Assignment → Sales and Distribution → Assign sales org to company code
Transaction code	SM30 (Tabl/e/view: V_TVKO_ASSIGN)

1. Assign Sales organization BY01 to Company code BY01:



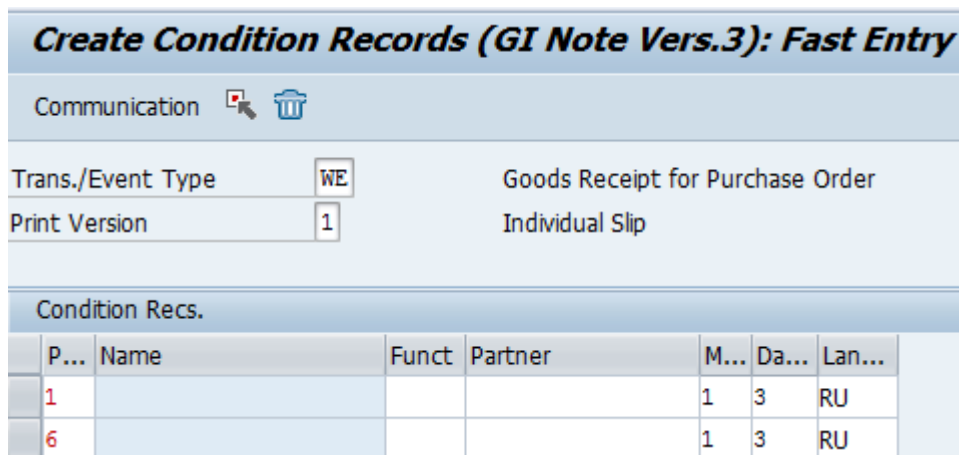
2. Save.

4.5.10 Output Determination

Creating Conditions for Output Types



Menu path	SAP IMG → Materials Management → Inventory Management and Physical Inventory → Output Determination → Maintain Conditions
Transaction code	MN21

1. Maintain condition for BY01 «Inbound Delivery Slip Form M-4»



2. Maintain condition for BY02 «Document of materials acceptance M-7A»

Create Condition Records (GI Note Vers.3): Fast Entry

Communication  



Trans./Event Type Goods Receipt for Purchase Order
 Print Version Individual Slip

Condition Recs.

P...	Name	Func	Partner	M...	Da...	Lan...
1				1	3	RU
6				1	3	RU

3. Maintain condition for BY03 « Invoice on internal replacement (M-13p)»

Create Condition Records (GI Note Vers.3): Fast Entry

Communication  

Trans./Event Type Goods Receipt for Purchase Order
 Print Version Individual Slip

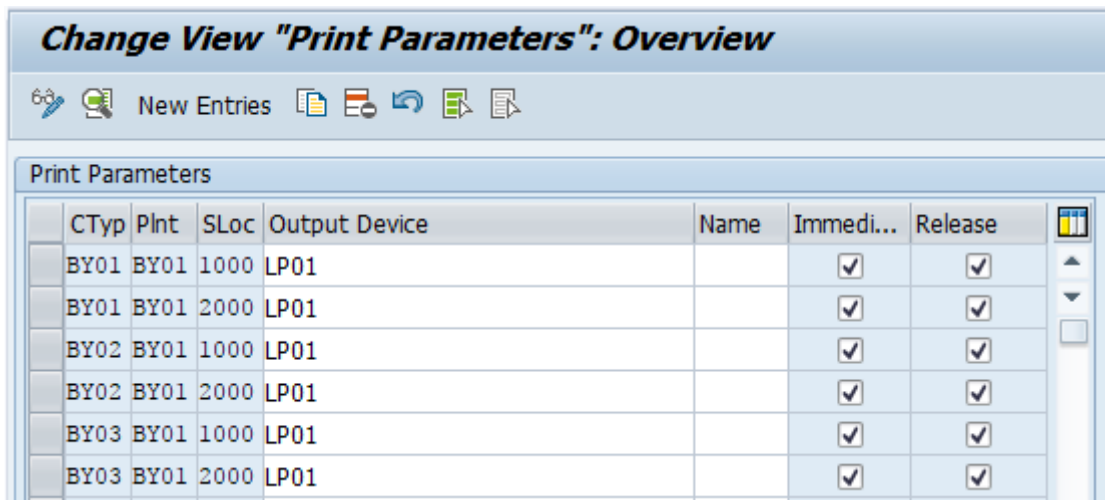
Condition Recs.

P...	Name	Func	Partner	M...	Da...	Lan...
1				1	3	RU
6				1	3	RU

Printer Determination by Plant/Storage Location

Menu path	SAP IMG → Materials Management → Inventory Management and Physical Inventory → Output Determination → Printer Determination → Printer Determination by Plant/Storage Location
Transaction code	OMJ3

1. Create objects. Set already existing printer as Output Device.




4.5.11 EXCEL Template Loading for Equipment Revaluation

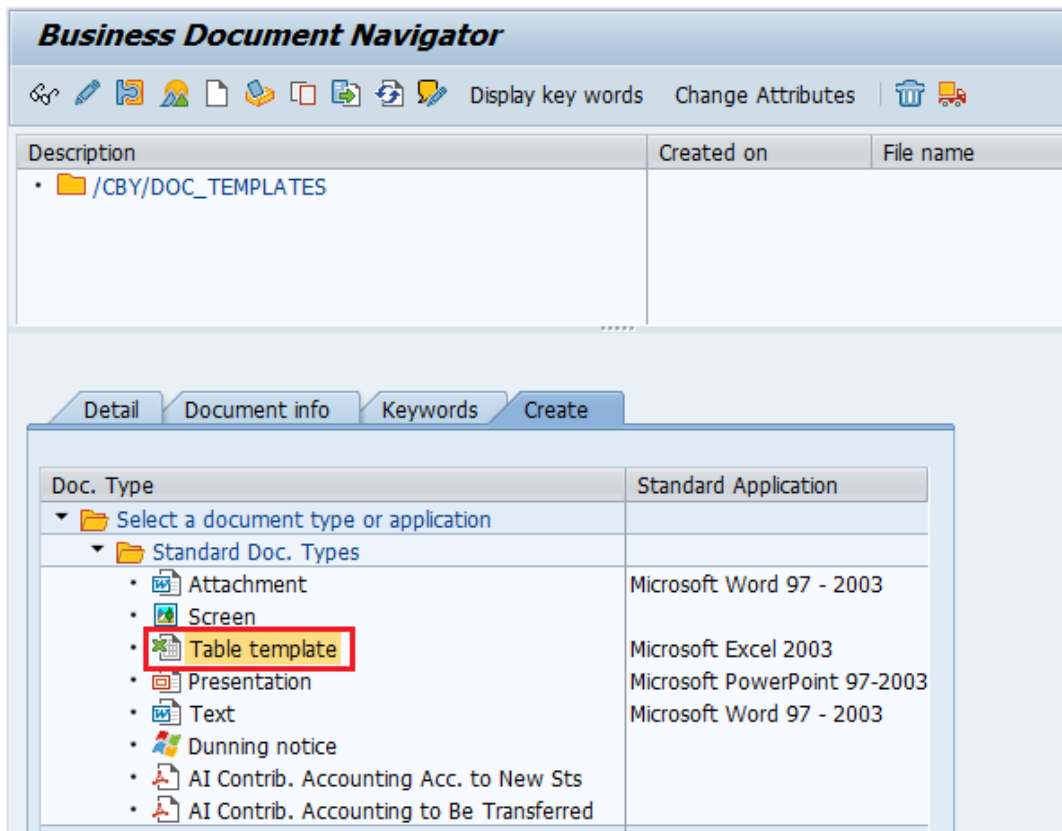
To print Output documents (Revaluation statement and Revaluation results act) with the help of transaction /CBY/REVAL_EQUIPMENT, the xls template must be loaded to the system of business documents: SAP (BDS).

Sequence Steps

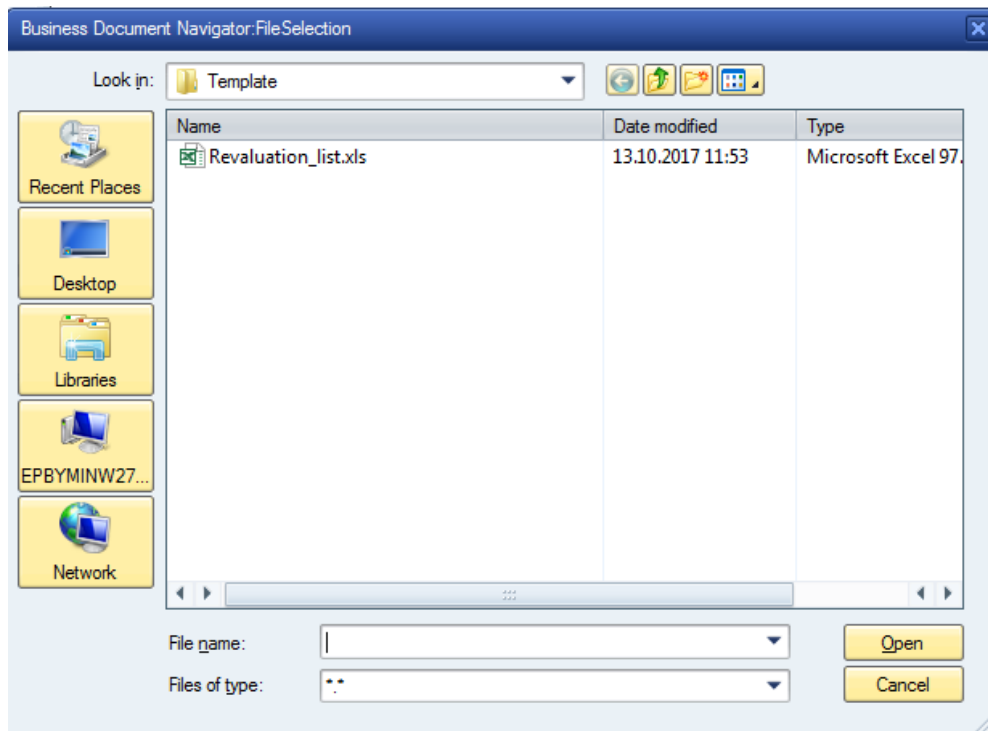
1. Refer to SAP Note 2793313 “Excel templates for SAP S/4HANA Finance, localization extension for the Republic of Belarus” for information about corresponding excel template.
2. Save the template to your computer
3. Run the transaction OAER for template loading to BDS system:
4. Fill in the following data on the selection screen according to the table:

Field name	Description	Field value	Comments
Class name		/CBY/DOC_TEMPLATES	
Class type		OT	Other objects
Object key		/CBY/REVAL_EQUIPMENT	

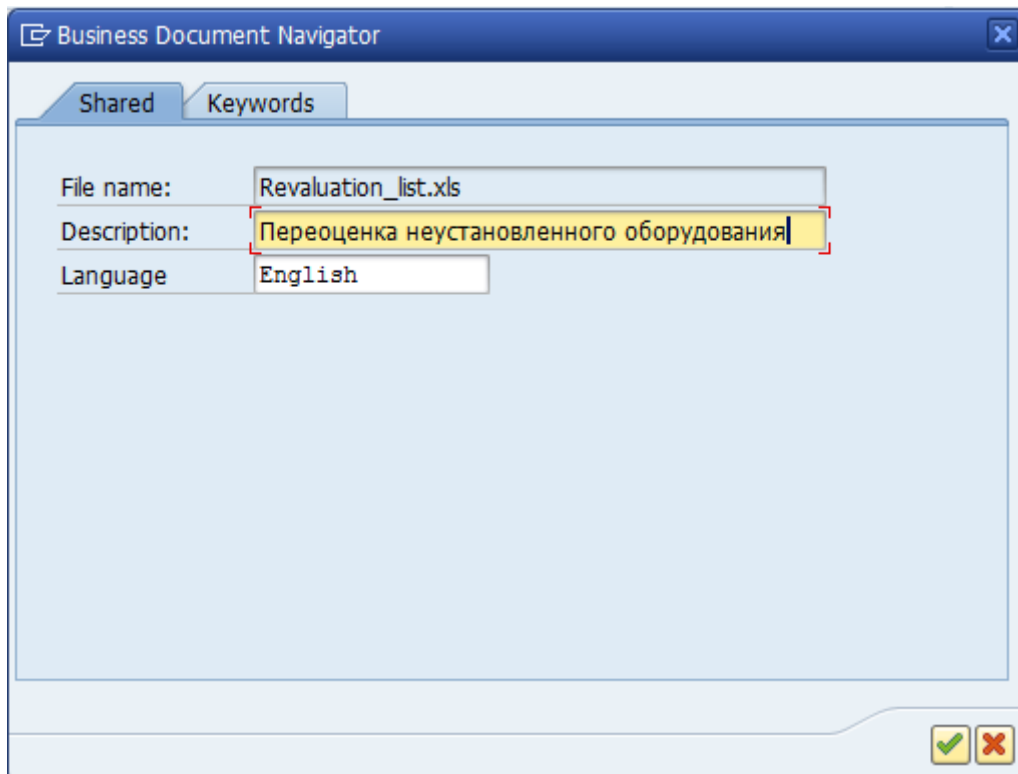
5. Choose Execute .
6. In the Business documents navigator from standard document types, choose the following Table sample (press twice on table sign):



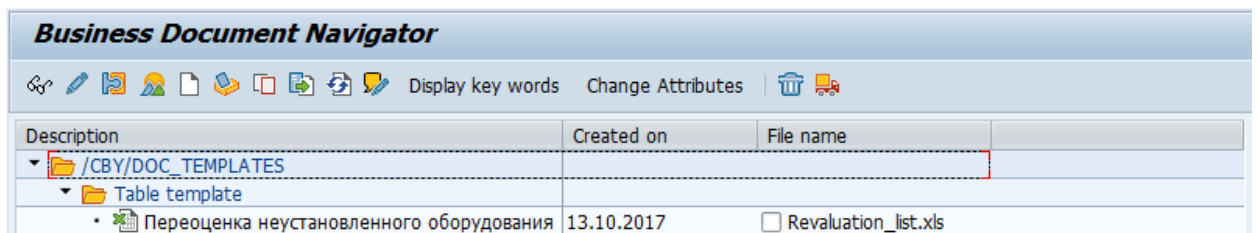
7. Define the way to find and load the template from your computer:



8. After finding the document template, press the «Open» button.
9. Give the template an understandable description:



10. Press Enter.
11. If the template was loaded successfully, it will appear in the upper window of business navigator:



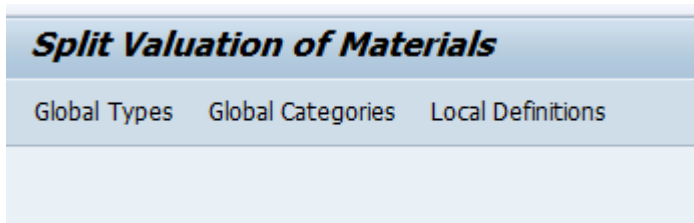
13. Leave the Transaction .

4.5.12 Prerequisites for Program /Cby/Reaval_Equipment

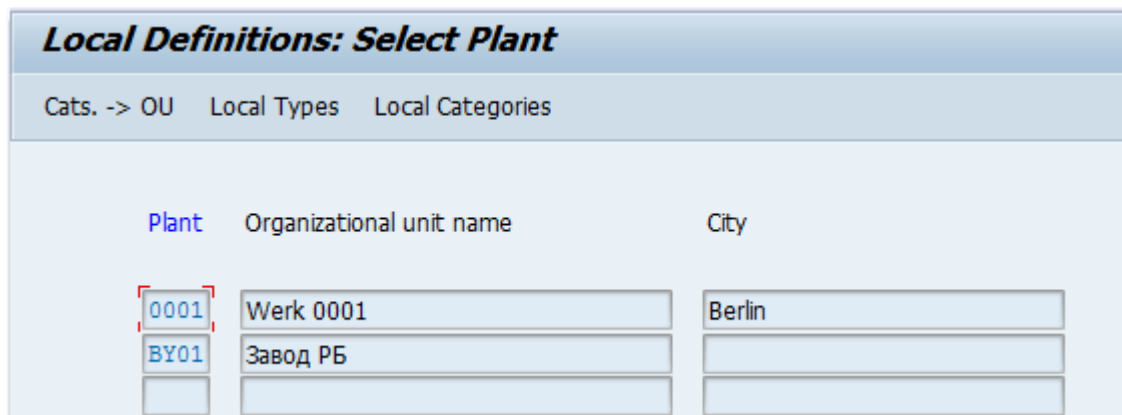
Activating a Value Category for Plant

Menu path	SAP IMG → Materials Management → Valuation and account assignment → Split Valuation → Configure Split Valuation
Transaction code	OMWC

1. Press the button Local definitions



2. Select the plant BY01 and press the button Cats.→OU



3. Select the valuation category X and press the Activate button.

Plant BY01: Allocate Valuation Categories

Local Types Local Categories

Allocation of Valuation Categories

Status	Valuation Cat.	DVT ExtPr	Exp	DVT InhPr	Inh	DVT Promo.	PrM	VT
<input type="checkbox"/>	B Inhse/Ext.Proc.	02 <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	01 <input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	C Status	C1 <input type="checkbox"/>	<input type="checkbox"/>	C2 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	H Origin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	R Retail	RNORMAL <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RAKTION <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active	X Automat.(Batch)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

 Entry 1 of 5

MM Classification

Description

The coefficient for the revaluation is determined by the characteristics in the material classification. The date of last goods receipt is determined by the features assigned to the batch class. The following steps are necessary to perform to be able to test the LOCBY MM.OI.05 scenario.

Sequence Steps:

1. Run the transaction via transaction code or via SAP Easy Access:

Menu path	SAP IMG → Materials Management → Valuation and account assignment → Split Valuation → Configure Split Valuation
Transaction code	CT04

2. Add the objects:

Characteristic the Date of Last Receipt

Field name	Field value	Comments
Characteristic	CBY_CH_GRDATE	
Description	The date of last receipt	
Status	1	Released
Data type	DATE	Date
Value assignment	Single-value	
Additional data tab		
Table Name	MCH1	

Field Name	LWEDT	
Not ready for input		

Characteristic BFDRUR (Basic fund depreciation rates uniform rules) code for uninstalled equipment

Field name	Field value	Comments
Characteristic	CBY_CH_CODE_ENAOF	
Description	Код ЕНАОФ	
Status	1	Released
Data type	CHAR	Character format
Number of Chars	30	
Value assignment	Single-value	

3. Run the transaction via transaction or via SAP Easy Access:

Menu path	Cross-Application Components → Classification System → Master Data → Classes
Transaction code	CL02

4. Add classes:

Batch Class

Field name	Field value	Comments
Class	CBY_BATCH	
Class type*	- 022 (if batch class – plant) - 023 (if batch class – material/client)	Class type is determined depending on the batch level. For example, if batch class is material, mark class type 023. To check the batch level go to: SPRO Logistics General-Batch management-Specify Batch Level and Activate Status Management
Description	Material batch	
Status	1	Released
Char tab		
Char	CBY_CH_GRDATE	

* Batch Level Activation

Class for material

Field name	Field value	Comments
Class	CBY_CL_ENAOF	
Class type	001	Material class
Description		

Status	1	Released
Char tab		
Char	CBY_CH_CODE_ENAOF	

5. When materials are created, perform the assignment. Run the transaction via transaction code or via SAP Easy Access:

Menu path	Cross-Application Components → Classification System → Assignment → Assign Objects/Classes to Class
Transaction code	CL24N

Chose class, class types and assign to them (classes: (CBY_CL_ENAOF, CBY_BATCH)) material numbers (uninstalled equipment) that are to be created together with classification to each class.

Example:

Assignment the class CBY_BATCH to a material (YMM_EQUIP)

5.1. Access the transaction code CL24N and point out the class and class type:

Assign Objects/Classes to Class

Only new assignments

Selection

Class: CBY_BATCH

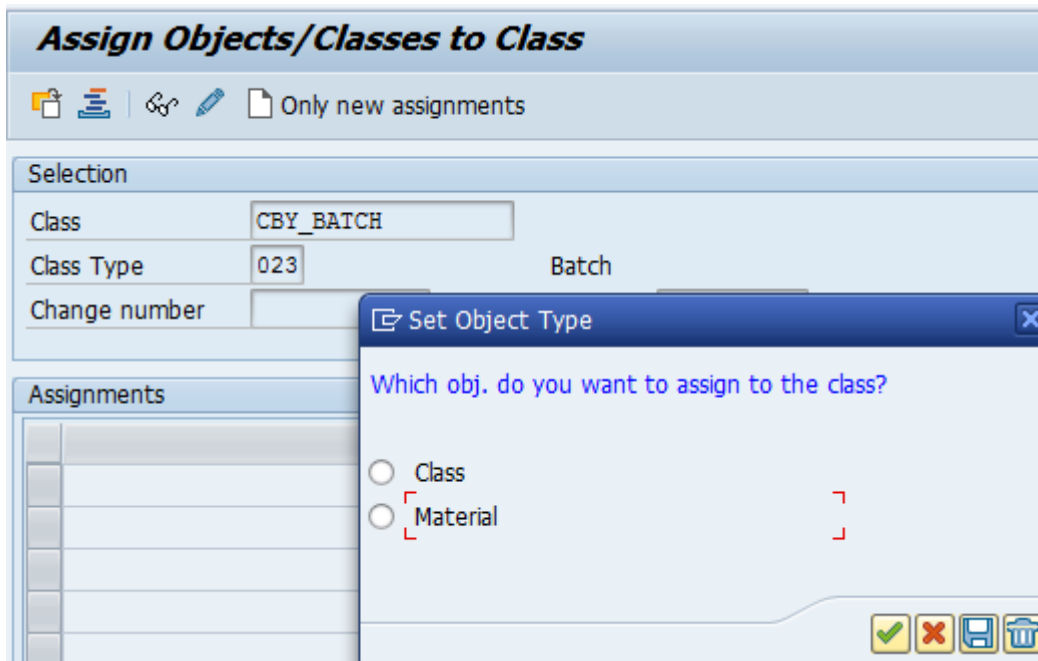
Class Type: 023 Batch

Change number: [] Valid from: 23.11.2017

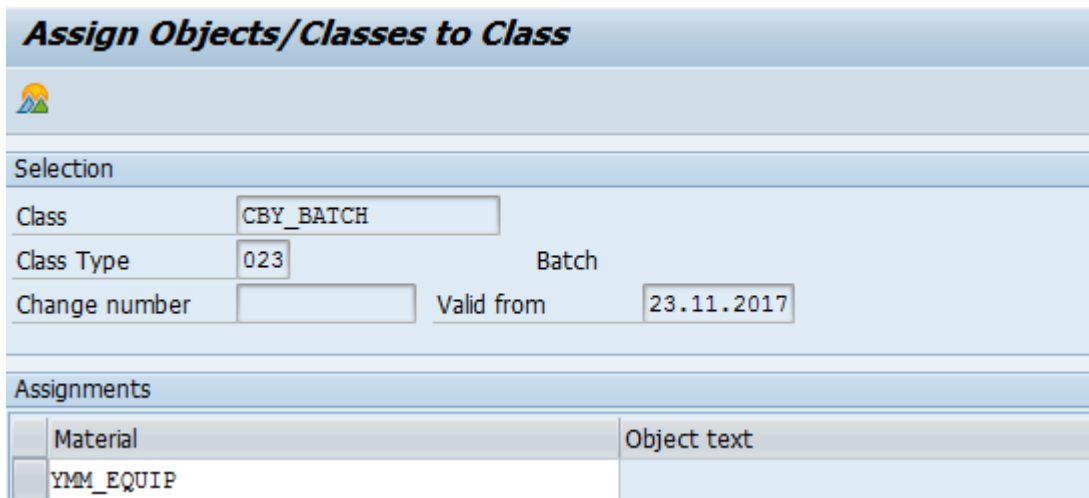
Assignments

	O...	S..	I...	Object text

5.2. Click the button «Only new assignments». Select «Material» In a dialog mode:



5.3. Assign the materials (uninstalled equipment) to be classified with the class CBY_BATCH:



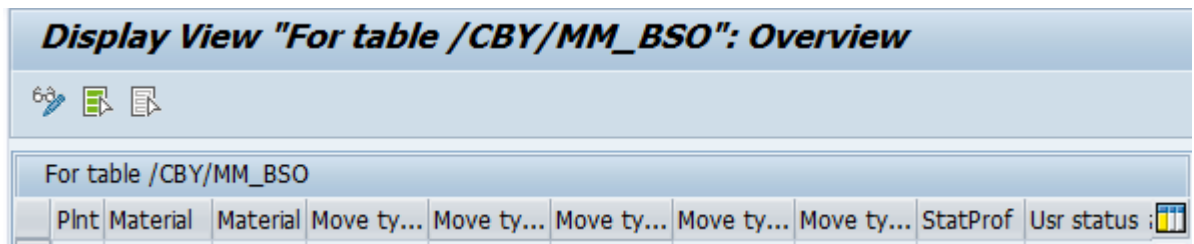
5.4. Save the changes.

4.5.13 Link between Master Data and Movement Types for Accountable Forms Accounting

Note: Perform the steps when Mater data for accountable forms accounting are created.

For each accountable form, you need to create two Material Master data. One – for material accounting, based on balance sheet account of ChtAccts, the other – for accounting according to serial numbers for accounting on off-balance account 006 of ChtAccts. To link these two master data setting table /CBY/MM_BSO is used.

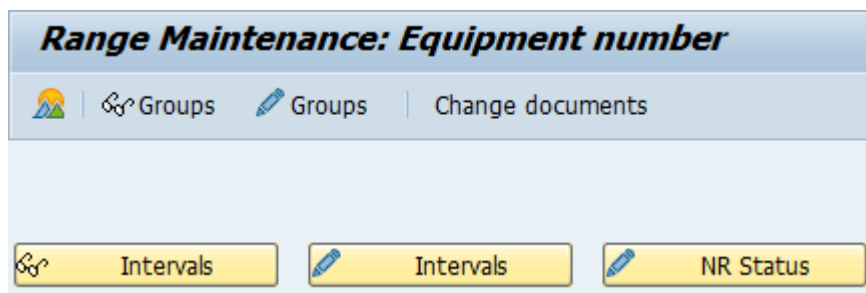
Menu path	
Transaction code	SM30 (Table/View: /CBY/MM_BSO_V)




4.5.14 Maintain Number Range Groups Needed for Accountable Forms Accounting

Menu path	
Transaction code	OIEN

1. Press the  Groups button



2. Mark the group 01 and number range Z 
3. In Menu chose: Group → Assign element group

Group Maintenance: Number Range EQUIP_NR

Interval, Internal Interval, External Group text		
Element	Element Text	
Non-Assigned Elements		
G	Element Without Text	
Standard number range (PM)		
01	02	Standard number range (PM)
B	Element Without Text	
M	Element Without Text	
P	Element Without Text	
Q	Element Without Text	
S	Element Without Text	
Z	Element Without Text	


4. Save the changes.

4.5.15 Company code address

For correct filling output forms (e.g. OC-2, OC-4 forms, downloading reports in XML format) it is necessary to fill company code address.

Use the menu pass or run transaction:

Menu path	SAP Reference IMG → Enterprise Structure → Definition → Financial Accounting → Edit, Copy, Delete, Check Company Code → Edit Company Code Data
Transaction code	SM30 (Table/View: V_T001)

1. Select the line with Company code «BY01» and press the button .

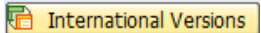
Change View "Company Code": Overview

Company Code	Company Name
BY01	ОАО "Демо-Беларусь"
CA01	Country Template CA
CH01	Country Template CH

In the dialog window, enter the following data:

The screenshot shows the 'Edit address: BY01' form in SAP S/4HANA. The form is divided into several sections:

- Name:** Title is set to 'Company'. Name is 'ОАО' and 'Демо - Беларусь'.
- Search Terms:** Search term 1/2 is 'BY01'.
- Street Address:** Street/House number is 'Петроградская, 24'. Postal Code/City is '220090' and 'Минск'. Country is 'BY' (Belarus) and Region is '17'. Time zone is 'EET'.
- PO Box Address:** PO Box, Postal Code, and Company postal code fields are empty.
- Communication:** Language is 'Russian'. Telephone is '211-11-11'. Other communication options include Mobile Phone, Fax, E-Mail, Comm. Method, Data line, and Telebox.

2. To add address data in international version press the button  and enter the following data:

Edit address: BY01

Name	
Title	<input type="text"/>
Name	<input type="text" value="ОАО"/>
	<input -="" type="text" value="\" беларусь\""="" демо=""/>

Search Terms

Search term 1/2	<input type="text"/>	<input type="text"/>
-----------------	----------------------	----------------------

Street Address

Street/House number	<input type="text" value="Петроградская, 24"/>	<input type="text"/>
Postal Code/City	<input type="text" value="220090"/>	<input type="text" value="Минск"/>
Country	<input type="text" value="BY"/> Belarus	Region <input type="text" value="17"/>
Time zone	<input type="text" value="EET"/>	

PO Box Address

PO Box	<input type="text"/>
Postal Code	<input type="text"/>
Company postal code	<input type="text"/>

Communication

Language	<input type="text" value="Russian"/>	<input type="button" value="Other communication..."/>	
Telephone	<input type="text" value="211-11-11"/>	Extension	<input type="text"/>
Mobile Phone	<input type="text"/>		
Fax	<input type="text"/>	Extension	<input type="text"/>
E-Mail	<input type="text"/>		
Comm. Method	<input type="text"/>		
Data line	<input type="text"/>		
Telebox	<input type="text"/>		

3. Press the button  . Press the button  ..

4.5.16 Define Depreciation Areas

Defining depreciation areas:

Pass the menu or run transaction:

Menu path	SAP IMG → SAP Customizing Implementation Guide → Financial Accounting → Asset accounting → General Valuation → Depreciation Areas → Define Depreciation Areas
Transaction code	SM30 (Table/View: V_T093_00N)

1. Define chart of depreciation for asset valuation: BY01

Chart of dep.

Define Depreciation Areas						
Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L	
1	Book depreciation including revaluation	<input checked="" type="checkbox"/>	OL	BYAS	1 Area Posts in Real Time	
20	Tax Accounting	<input checked="" type="checkbox"/>	NT	BYNT	1 Area Posts in Real Time	
22	Book depreciation including revaluation	<input type="checkbox"/>	NT	BYNT	0 Area Does Not Post	
25	Investment Bonus	<input checked="" type="checkbox"/>	NT	BYNT	0 Area Does Not Post	
99	Book depreciation including revaluation	<input checked="" type="checkbox"/>	OL	BYAS	0 Area Does Not Post	

2. Maintain depreciation areas:

Chart of dep. Sample chart of depreciation: Russia

Depreciat. Area Book depreciation including revaluation
Book deprec.

Define Depreciation Areas

Real Depreciation Area

Accounting Principle

Target Ledger Group

Alternative Depreciation Area

Cross-Syst. Dep.Area

Posting in the General Ledger

Area Does Not Post

Area Posts in Real Time

Area Posts Depreciation Only

Area Posts APC Immediately, Depreciation Periodically

Value Maintenance

Acquisition Value	+ Only Positive Values or Zero Allowed
Net Book Value	+ Only Positive Values or Zero Allowed
Investment Grants	- Only Negative Values or Zero Allowed
Revaluation	* All Values Allowed
Ordinary Depreciat.	- Only Negative Values or Zero Allowed
Special Depr.	* All Values Allowed
Unplanned Depreciat.	* All Values Allowed
Transfer of Reserves	0 No Values Allowed
Interest	0 No Values Allowed
Revaluation Ord.Dep.	* All Values Allowed

Chart of dep. Sample chart of depreciation: Russia

Depreciat. Area **Tax Accounting**

Define Depreciation Areas

Real Depreciation Area

Accounting Principle Accounting according Republic Belarus tax law

Target Ledger Group TAX

Alternative Depreciation Area Book depreciation including revaluation

Cross-Syst. Dep.Area

Posting in the General Ledger

Area Does Not Post

Area Posts in Real Time

Area Posts Depreciation Only

Area Posts APC Immediately, Depreciation Periodically

Value Maintenance

Acquisition Value	+ Only Positive Values or Zero Allowed
Net Book Value	+ Only Positive Values or Zero Allowed
Investment Grants	- Only Negative Values or Zero Allowed
Revaluation	* All Values Allowed
Ordinary Depreciat.	- Only Negative Values or Zero Allowed
Special Depr.	0 No Values Allowed
Unplanned Depreciat.	* All Values Allowed
Transfer of Reserves	0 No Values Allowed
Interest	0 No Values Allowed
Revaluation Ord.Dep.	* All Values Allowed

Chart of dep. Sample chart of depreciation: Russia

Depreciat. Area

Define Depreciation Areas

Real Depreciation Area

Accounting Principle Accounting according Republic Belarus tax law

Target Ledger Group TAX

Alternative Depreciation Area Book depreciation including revaluation

Cross-Syst. Dep.Area

Posting in the General Ledger

Area Does Not Post
 Area Posts in Real Time
 Area Posts Depreciation Only
 Area Posts ABC Immediately, Depreciation Periodically

Value Maintenance

Acquisition Value	* All Values Allowed
Net Book Value	* All Values Allowed
Investment Grants	* All Values Allowed
Revaluation	* All Values Allowed
Ordinary Depreciat.	* All Values Allowed
Special Depr.	* All Values Allowed
Unplanned Depreciat.	* All Values Allowed
Transfer of Reserves	0 No Values Allowed
Interest	0 No Values Allowed
Revaluation Ord.Dep.	* All Values Allowed

Entries for Derived Depreciation Area

Area for reporting purposes only
 Derived Depreciation Area as Real Area

Dep. Area Sign	Divisor	Area	Dep. Area Name
- negative	<input type="text" value="1"/>	<input type="text" value="1"/>	Book depreciation including revaluation
+ positive	<input type="text" value="1"/>	<input type="text" value="20"/>	Tax Accounting
	<input type="text" value=""/>	<input type="text" value=""/>	
	<input type="text" value=""/>	<input type="text" value=""/>	
Modification area		<input type="text" value=""/>	

Chart of dep. Sample chart of depreciation: Russia

Depreciat. Area **Investment Bonus**
 Book deprec.

Define Depreciation Areas

Real Depreciation Area

Accounting Principle Accounting according Republic Belarus tax law

Target Ledger Group TAX

Alternative Depreciation Area

Cross-Syst. Dep.Area

Posting in the General Ledger

Area Does Not Post

Area Posts in Real Time

Area Posts Depreciation Only

Area Posts APC Immediately, Depreciation Periodically

Value Maintenance

Acquisition Value	+ Only Positive Values or Zero Allowed
Net Book Value	+ Only Positive Values or Zero Allowed
Investment Grants	0 No Values Allowed
Revaluation	* All Values Allowed
Ordinary Depreciat.	* All Values Allowed
Special Depr.	- Only Negative Values or Zero Allowed
Unplanned Depreciat.	* All Values Allowed
Transfer of Reserves	0 No Values Allowed
Interest	0 No Values Allowed
Revaluation Ord.Dep.	* All Values Allowed

Chart of dep. Sample chart of depreciation: Russia

Depreciat. Area Book depreciation including revaluation

Define Depreciation Areas

Real Depreciation Area

Accounting Principle

Target Ledger Group

Alternative Depreciation Area

Cross-Syst. Dep.Area

Posting in the General Ledger

Area Does Not Post
 Area Posts in Real Time
 Area Posts Depreciation Only
 Area Posts APC Immediately, Depreciation Periodically

Value Maintenance

Acquisition Value	* All Values Allowed	▼
Net Book Value	* All Values Allowed	▼
Investment Grants	0 No Values Allowed	▼
Revaluation	* All Values Allowed	▼
Ordinary Depreciat.	* All Values Allowed	▼
Special Depr.	0 No Values Allowed	▼
Unplanned Depreciat.	* All Values Allowed	▼
Transfer of Reserves	0 No Values Allowed	▼
Interest	0 No Values Allowed	▼
Revaluation Ord.Dep.	* All Values Allowed	▼

4.5.17 Depreciation area specification for Transaction types deletion

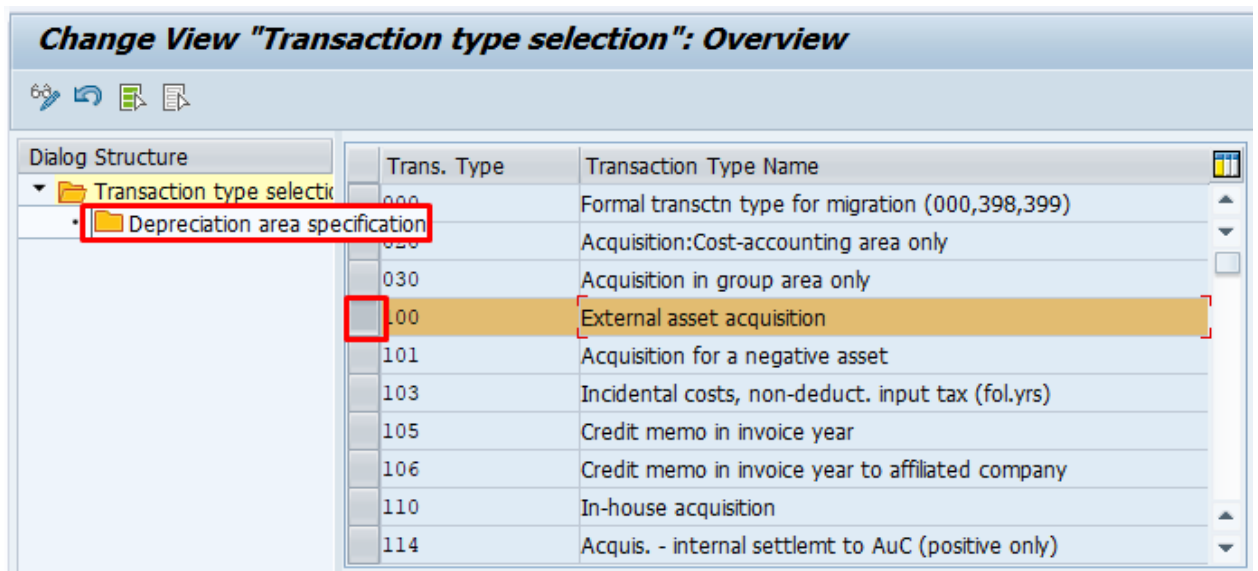
Deleting limitation of depreciation area specification for transaction types:

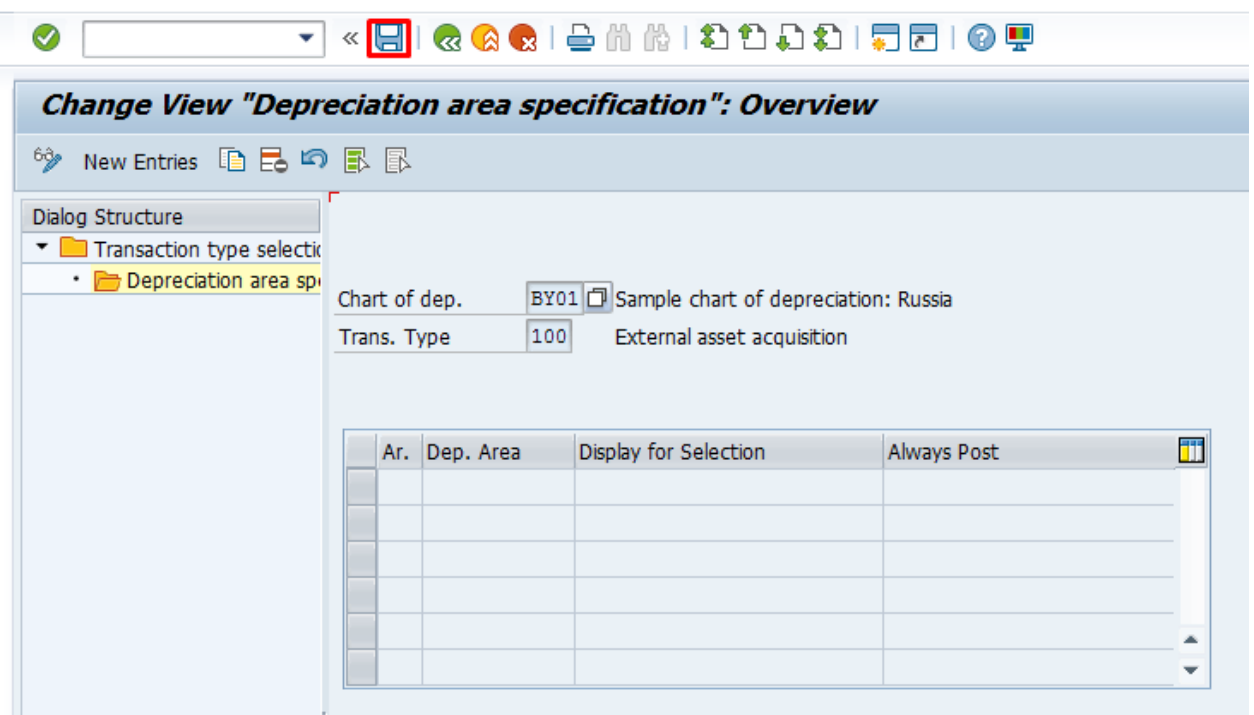
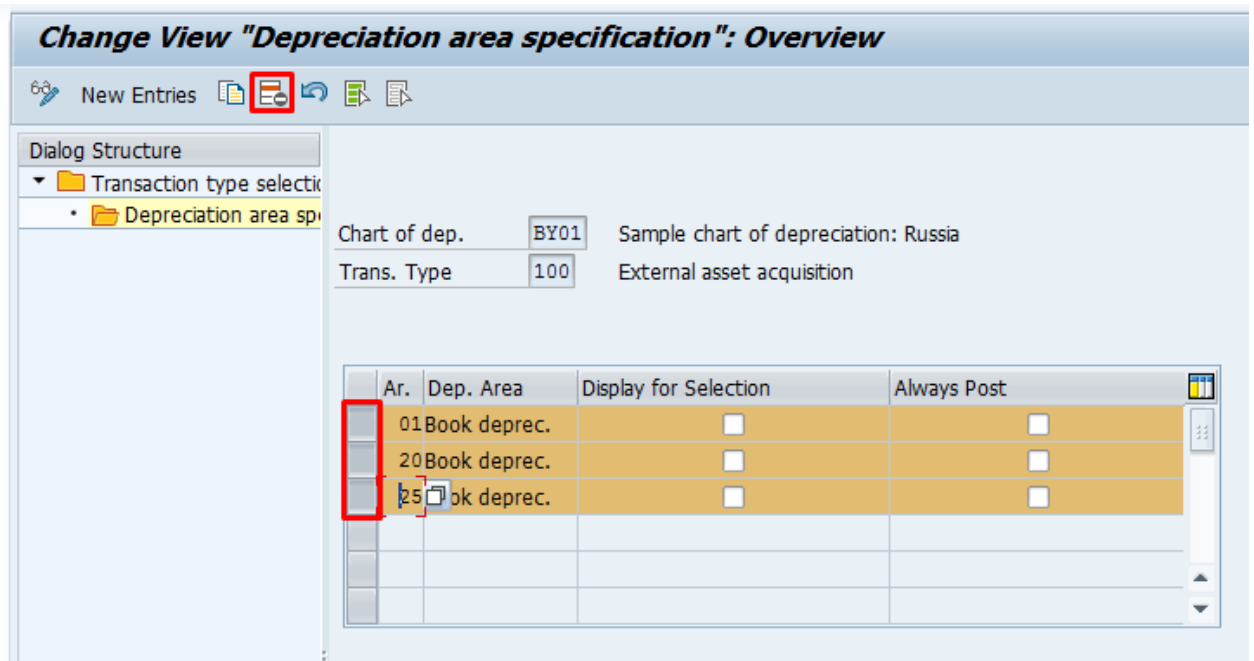
1. Run transaction SM34
2. Choose View cluster: V_TABWA
3. Choose Chart of dep. BY01

4. Delete depreciation area specification for the following transaction types:

Transaction type
100
101
103
105
106
110
640
641
650
651
800
BY1
BY3
BY4
BY5
BY6
BY7
BY8
BY9

For example: transaction type 100:





5. Press button  "Save"

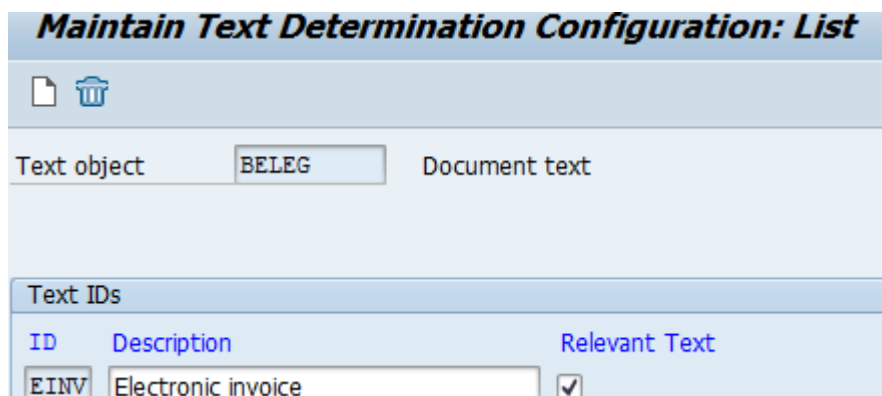
4.5.18 Manual settings for Electronic Invoice functionality



Sequence of steps

1. Install Software, Certificates, EINV (Electronic Invoice) specific settings to connect the portal, all information about legal changes and special aspects of usage and installation pass the link <http://vat.gov.by/>

2. Run the transaction or pass the menu to define Text Ids for filling EINV number in FI Documents

Menu path	SAP IMG → Financial Accounting → Financial Accounting Global Settings → Document > Texts and Text Identifiers for Documents → Define Text IDs for Documents
Transaction code	OBT8



3. Press the button 
4. Run the transaction SNRO
5. Enter /CBY/E_INV as an object name and press the button  Create
6. Fill necessary data:

The screenshot shows the 'Interval Editing' screen in SAP. At the top, there are two tabs: 'Interval Editing' (selected) and 'Change Documents'. Below the tabs, there are three input fields: 'ShortTxt' with the value '/CBY/E_INV', 'Long Txt' with the value '/CBY/E_INV', and 'Pack.' with the value '/CBY/CUSTOMIZING'. Below these fields are two tabs: 'Ranges' and 'Customizing' (selected). Under the 'Customizing' tab, there are two input fields: 'Number Length Domain' with the value 'CHAR10' and '% Warning' with the value '10,0'. Below these fields are two checkboxes: 'To-year flag' (checked) and 'No rolling' (unchecked). Below the checkboxes are two tabs: 'Ranges' and 'Customizing' (selected). Under the 'Customizing' tab, there are two input fields: 'Buffering' with a dropdown menu showing 'X Main Memory Buffering' and 'No. of Numbers in Buffer' with the value '10'.

7. Save changes
8. Press button "Interval Editing"

The screenshot shows the 'Number Range Object Editing' screen in SAP. At the top, there is a blue header with the text 'Number Range Object Editing'. Below the header, there is a tab 'Interval Editing' which is highlighted with a red border. Below the tab, there is an input field for 'Object Name' with the value '/CBY/E_INV' and a small icon to the right. Below the input field, there are three buttons: 'Display' (with a magnifying glass icon), 'Change' (with a pencil icon), and 'Create' (with a document icon).

9. Add interval range. The determined e-invoice's number in case e-invoice is manually created or copied.

Number range number	To fiscal year	From number	Number range status
01	2017	991000000	999999999

10. Run the transaction /CBY/_C_EINVVD to fill setting data for EINV according to the table:

Field		Value
Company code	BUKRS	BY01
Provider status	PROVIDERSTATUS	SELLER
Dependent person	DEPENDENTPERSON	
Resident of offshore	RESIDENTSOFOFFSHORE	
Special deal goods	SPECIALDEALGOODS	
Big company	BIGCOMPANY	
Country code	COUNTRYCODE	112
UNP	UNP	101546673
Branch code	BRANCHCODE	
Vendor name	NAME	ОАО “Демо-Беларусь”
Vendor address	ADDRESS	г. Минск, ул. Петроградская, 24
Directory for processing EINV	SIGNDEFAULTDIR	C:\Avest\elnvVat\simpleapp\vbs
UNP field name for vendor	VENDOR_UNP_FIELDNAME	STCD1
Branch code field name for vendor	VENDOR_BRANCHCODE_FIELDNAME	STCD2
UNP field name for customer	CUSTOMER_UNP_FIELDNAME	STCD1
Branch code field name for customer	CUSTOMER_BRANCHCODE_FIELDNAME	STCD2
Add/Fix fieldname	ADD_FIX_FIELDNAME	XREF1_HD
URL	EINV_PORTAL_URL	https://195.50.4.41:4443/InvoicesWS/services/InvoicesPort (Check active link version on vat.got.by)
Proxy URL	PROXY_URL	
Proxy port	PROXY_PORT	
Proxy user	PROXY_USER	
Proxy password	PROXY_PASS	
Proxy type	PROXY_TYPE	
Object name	NRI_OBJECT	/CBY/E_INV
Number range number	NRI_NR	01
To year	NRI_TOYEAR	2017
Condition type	KSCHL	MWR1
Text ID	EINV_TDID	EINV

11. Save changes

12. Run the transaction code /CBY/_C_EINVACC and assign accounts to account types for electronic invoice generation.

BUKRS	ACCOUNT_TYPE	ACCOUNT_FROM	ACCOUNT_TO
BY01	1 Revenue account	90010000	
BY01	2 VAT account	68020100	
BY01	3 Deferred VAT account	18010000	

13. Save changes.

5. Operations

5.1. High Availability

When the SAP NetWeaver server is restarted, the CBY Add-on is restarted. For more information on disaster recovery steps in SAP NetWeaver, see SAP High Availability. In a clustered environment, SAP NetWeaver may handle machine failover. However, running status of the machine that crashed is lost.

For more information, see http://help.sap.com/s4hana_op_1709 - Operation Guide

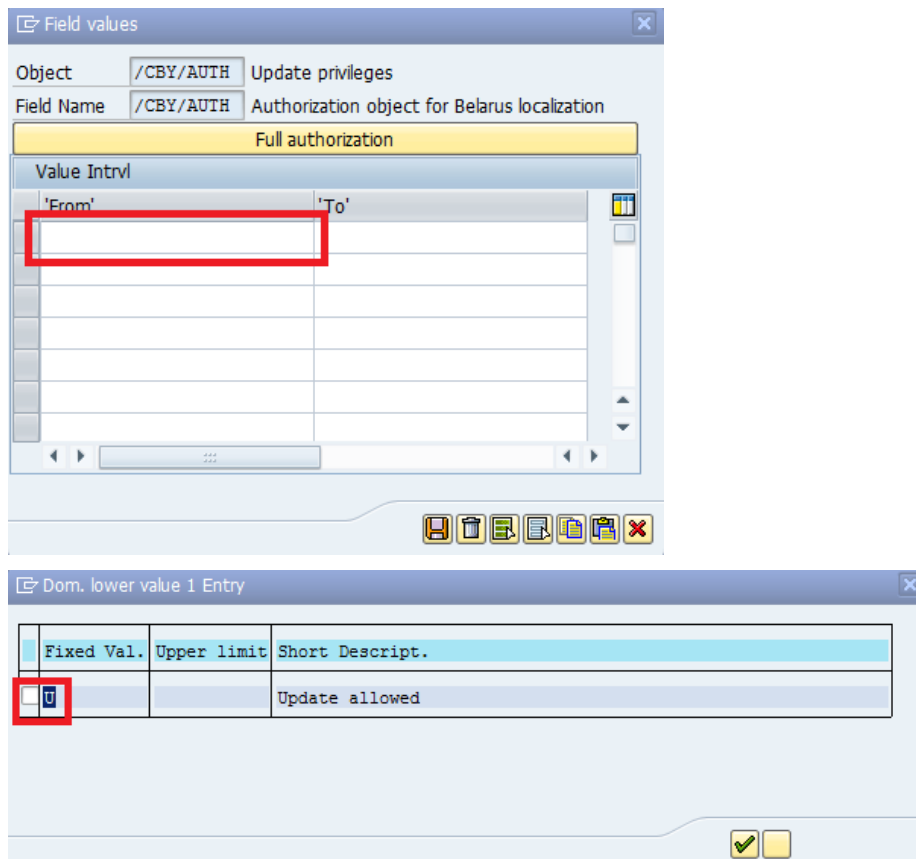
5.2. User Management

This section describes all roles required for working with CBY Add-on. The following authorization objects should be maintained:

- /CBY/AUTH - Authorization object for Localization for Belarus
- S_TABU_DIS - Table Maintenance (via standard tools such as SM30)

For read only access:

- Create a new role with a name “CBY_READONLY”
- Add the authorization object /CBY/AUTH to “CBY_READONLY” role
- Make sure that “U” activity of this object is unchecked



- Add the authorization object S_TABU_DIS to “CBY_READONLY” role

- Make sure that only “Display” activity is checked for this object and assign only “/CBY” authorization group in Table Authorization Group dialog

For full access:

- Create a new role with a name “CBY_FULL”
- Add the authorization object /CBY/AUTH to “CBY_FULL” role
- Make sure that “U” activity of this object is checked
- Add the authorization object S_TABU_DIS to “CBY_FULL” role
- Make sure that “Change”, “Display” and “Maintain obj. in non-OwnerSys” activities are checked for this object and assign only “/CBY” authorization group in Table Authorization Group dialog

5.3. Periodic Maintenance Tasks

CBY package localization (FI & LO add-on) does not have any specific Periodic Jobs / Tasks to be scheduled in the background.

5.4. Backup and Recovery

Backup and recovery of CBY Add-on is performed along with general system backup. For more information, please visit <http://help.sap.com> – Technology - SAP NetWeaver 7.3 Including Enhancement Package 1 - System Administration and Maintenance Information - Technical Operations for SAP NetWeaver – English - Administration of Databases

5.5. Logging & Tracing

CBY package localization (FI & LO add-on) does not use own log and trace tables. The product will write logs to the application log (SLG1).

CBY Add-on uses the following objects, which you can use to analyze application log:

- /CBY/FI (sub-objects /CBY/INVEST and /CBY/REV)
- /CBY/MM_REVAL

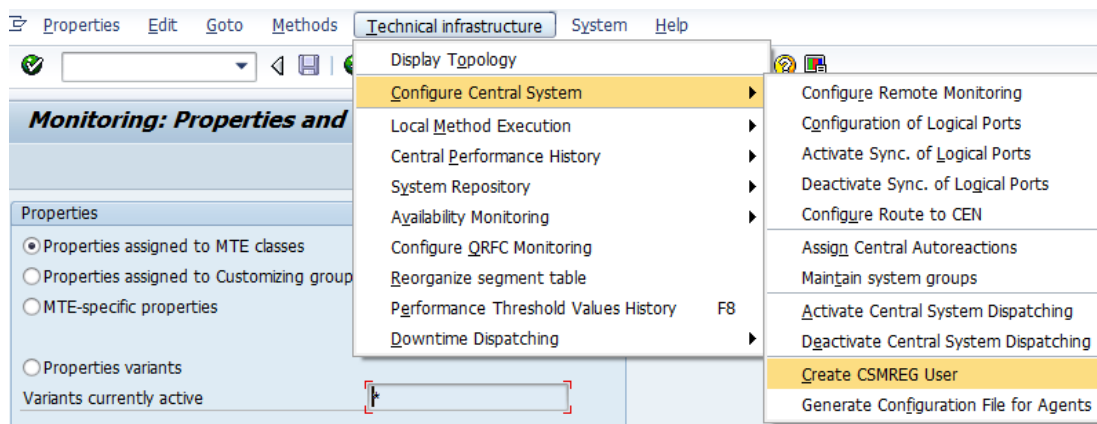
5.6. Performance and Resource Monitoring and Central Monitoring

Performance and Resource Monitoring is not available for CBY package localization (FI & LO add-on) separately, only for ERP as a whole.

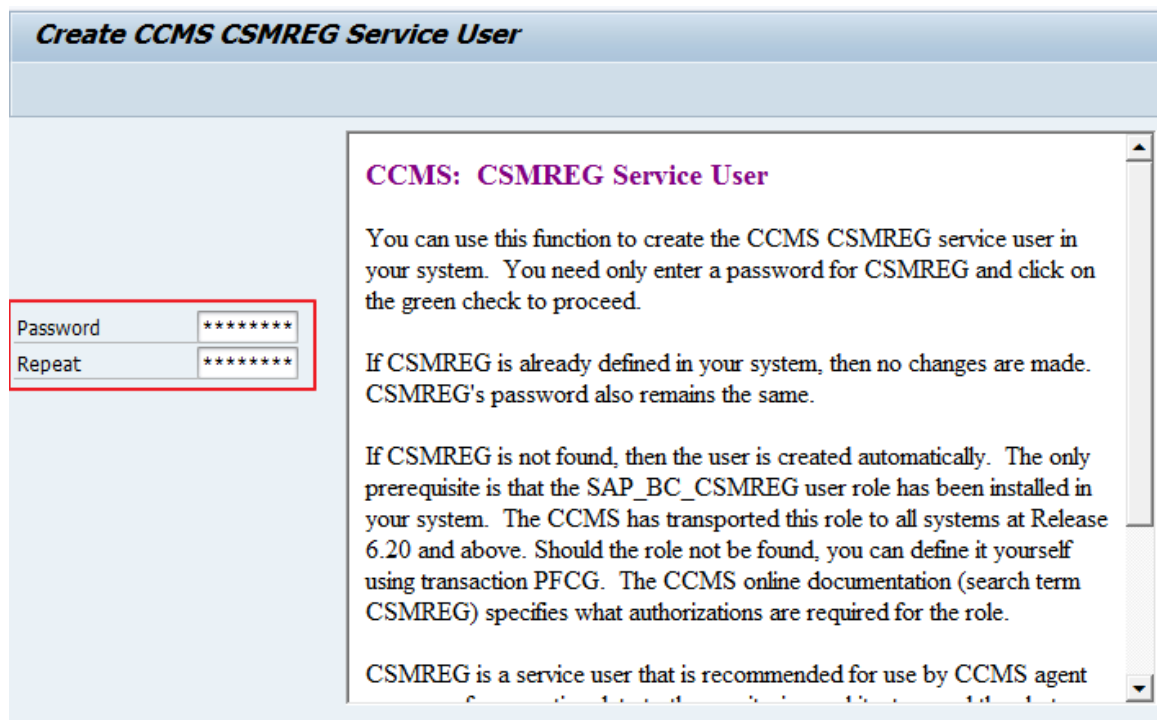
5.7. CCMS monitoring

For activating the CBY monitoring system do the following steps:

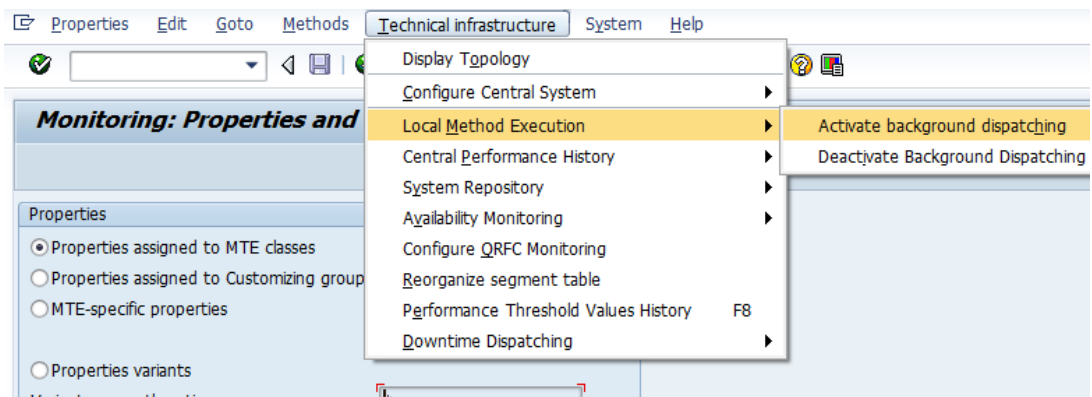
1. Run transaction RZ21 and do the following steps to create CSMREG User:



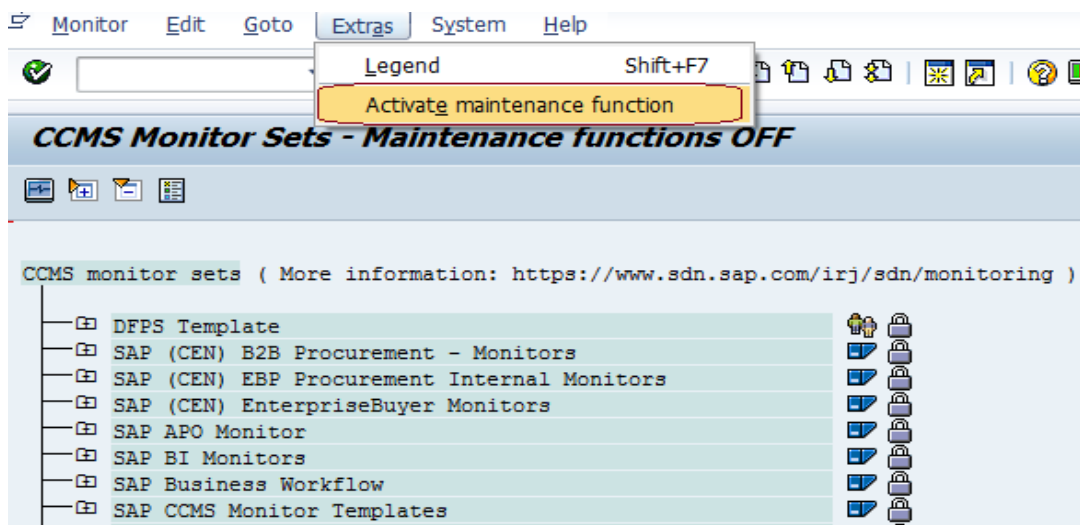
2. Enter password for the CSMREG Service User:




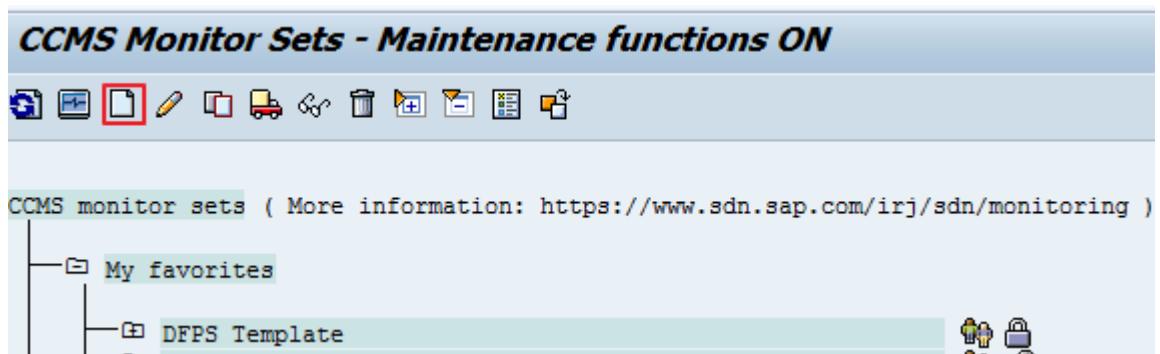
3. Do the following steps to activate background dispatching:




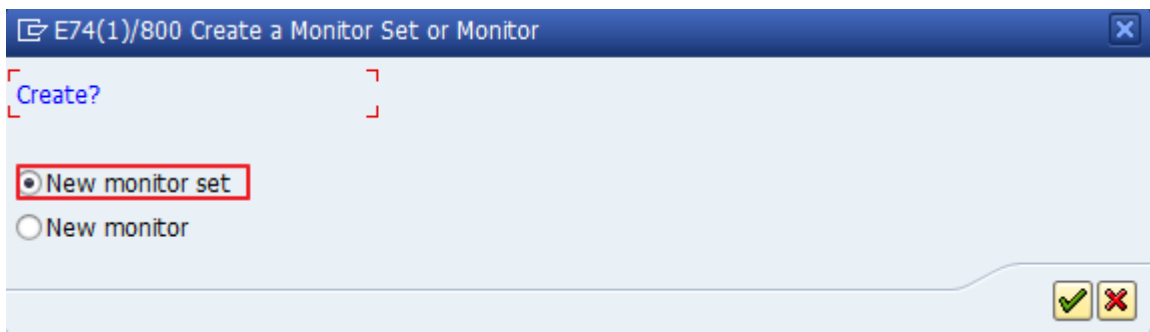
4. Run transaction RZ20 and do the following steps to activate maintenance function:




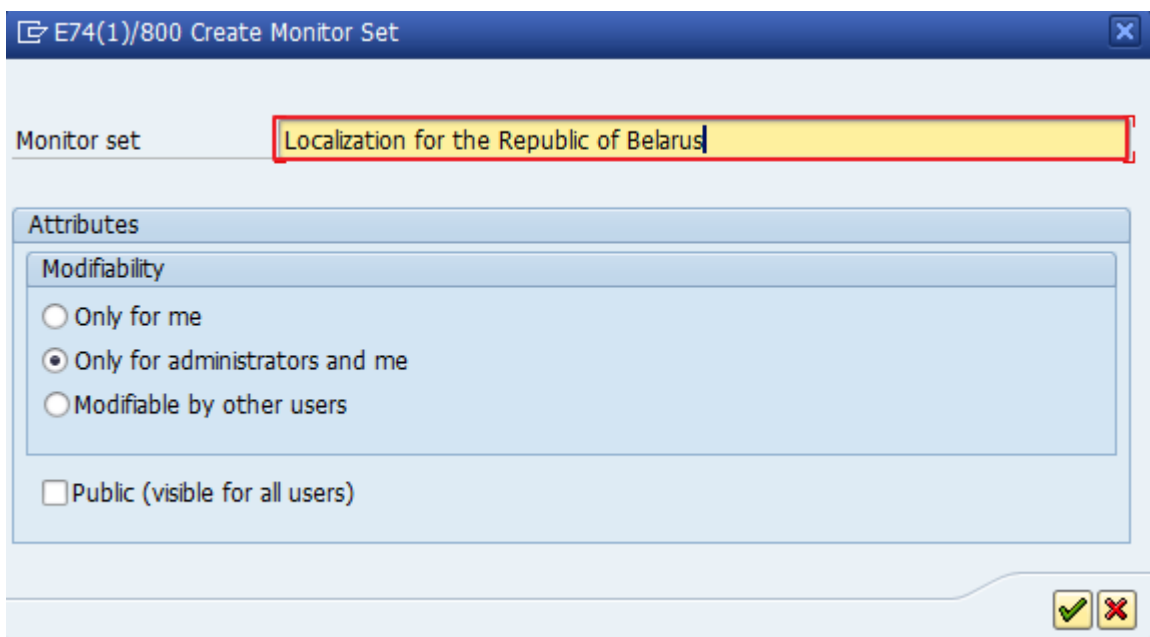
5. Create a new monitor definition by pressing the button  «Create»:




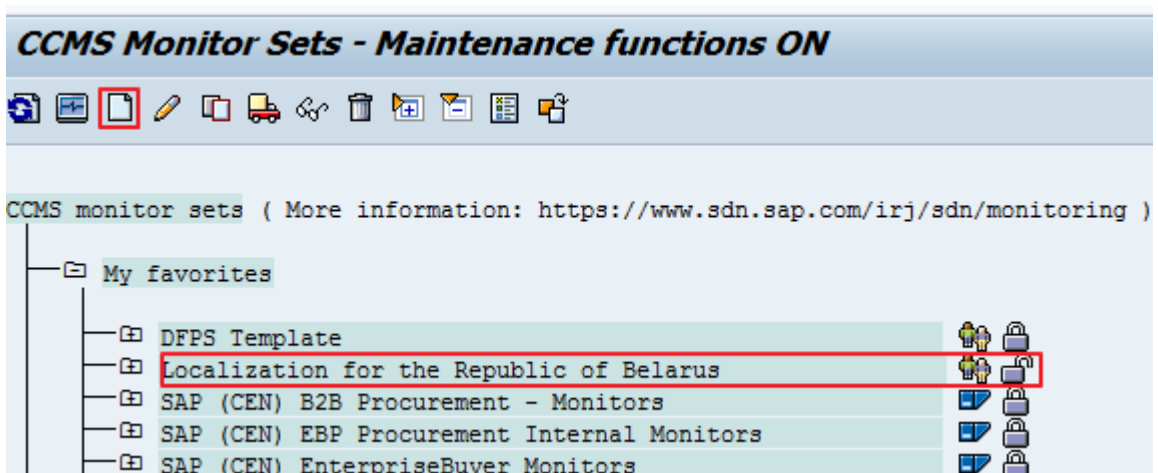
6. Choose the checkbox New monitor set and press the button  «Execute»:




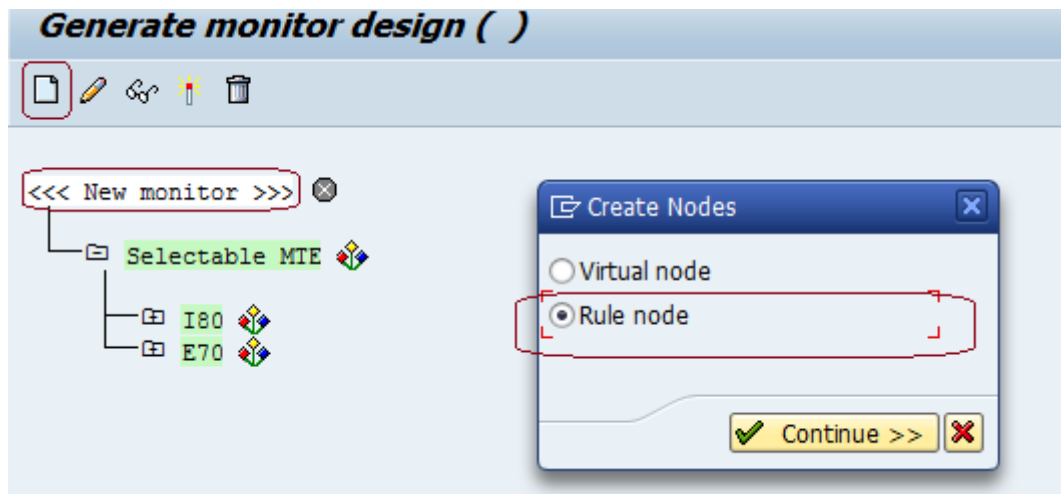
7. Enter the monitor set name and press the button  «Execute»:

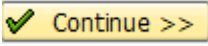


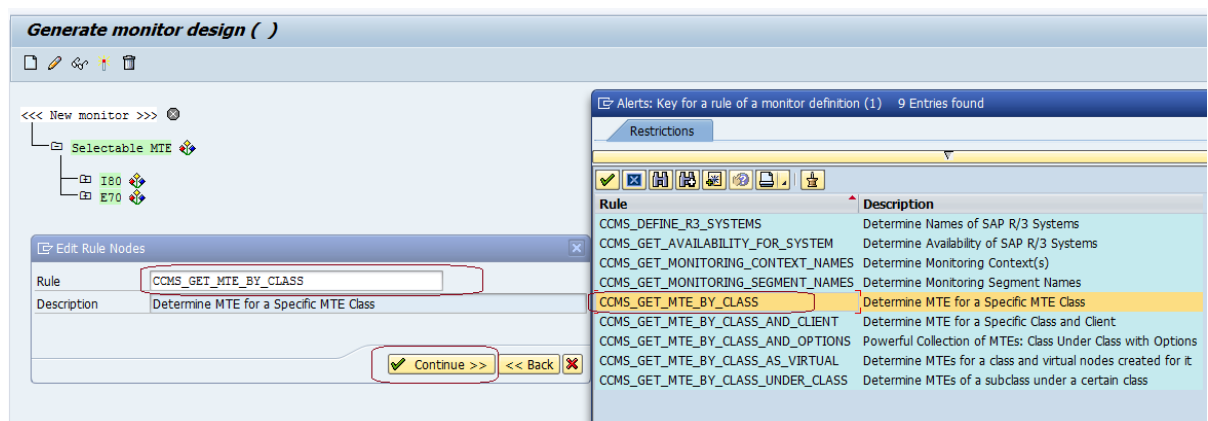
8. Highlight your monitor set and press the button  «Create» to create node:



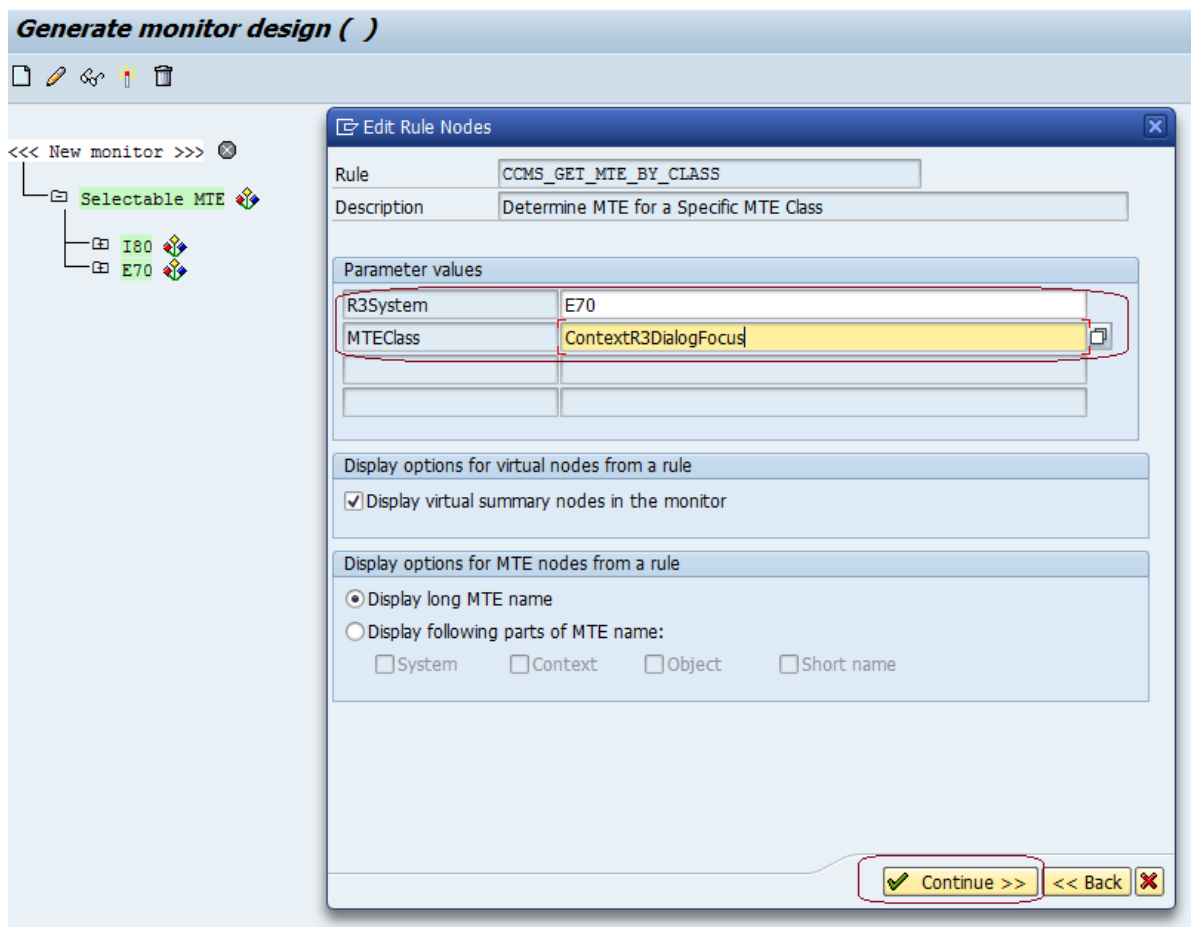
9. Highlight the New monitor field and press the button  «Create», in the opened window choose Rule node:



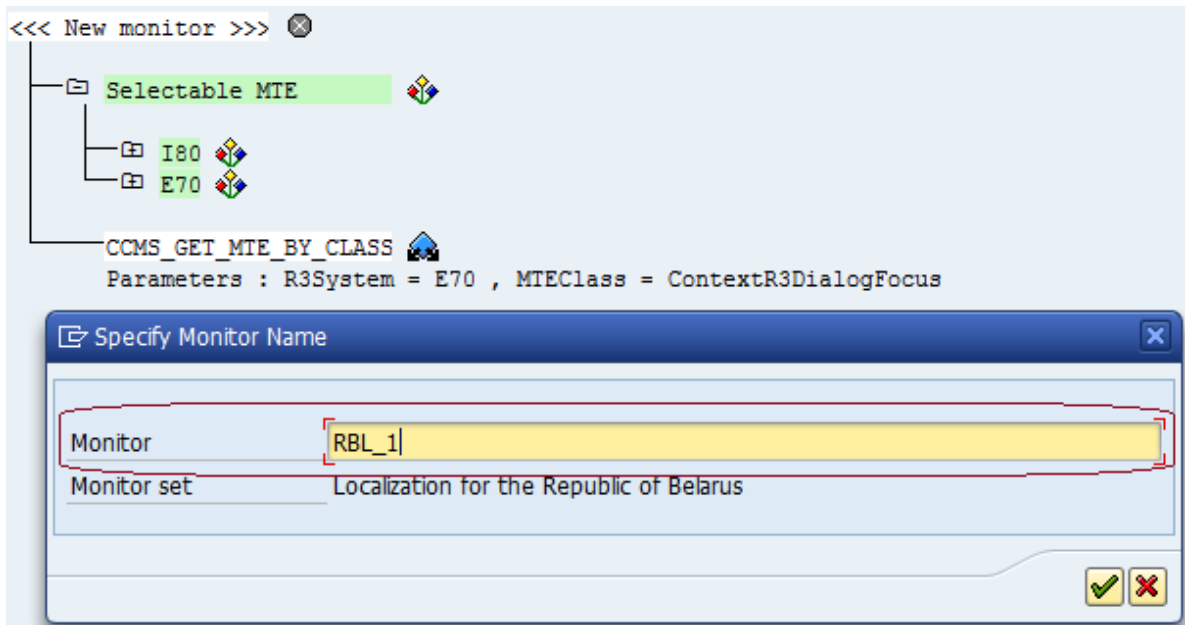
10. Choose the following Rule from dropdown list and press the button  «Continue»:



11. Enter your system name and MTE Class ContextR3DialogFocus and press «Continue» button:



12. Press the button  «Save» and enter monitor name:




Do the same steps for monitor RBL_2.

13. Result:



14. Run transaction SE16.

15. Choose the ALTRAMONI table and press the button  «Table Contents».

16. Press the button  «Execute».



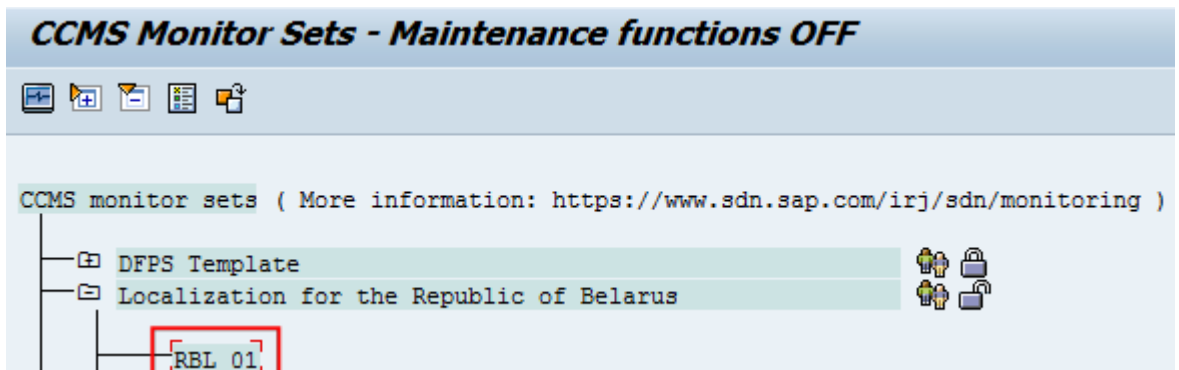
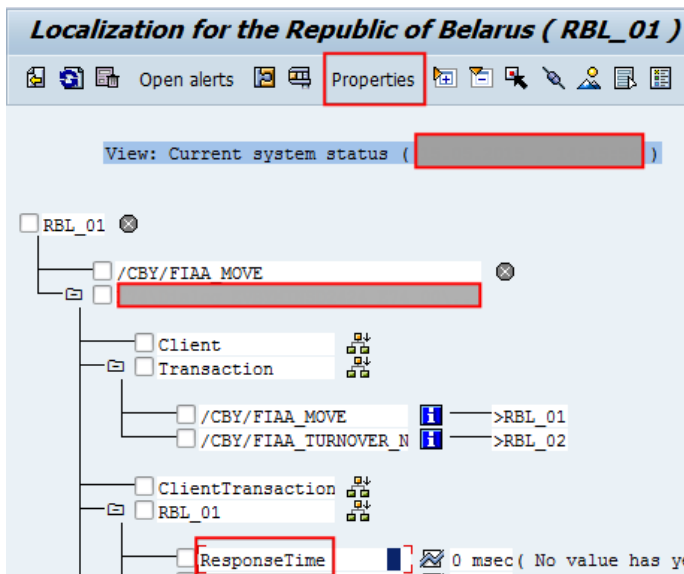
17. Press the button  «Create» and create the following view entries (the most commonly used transactions):

Table ALTRAMONI Display		Table ALTRAMONI Display	
MON CLIENT	*	MON CLIENT	*
TCODE	/CBY/FIAA_MOVE	TCODE	/CBY/FIAA_TURNOVER_N
MO NAME	RBL_01	MO NAME	RBL_02
MTECLASS		MTECLASS	
SERVER ID	<CURRENT>	SERVER ID	<CURRENT>
CUSGRPNAM		CUSGRPNAM	

18. Press the button  «Save».
19. The created monitors will appear in transaction RZ20.
20. Run transaction RZ20.



21. Go to the RBL_01 node in the hierarchy CCMS monitors sets:
 CCMS monitor sets → Localization for the Republic of Belarus → RBL_01.
22. Double click the RBL_01 node.
23. Select the Response Time hierarchy node and press the «Properties» button.



24. Enter the following settings for Threshold values in the edit mode:

Change from GREEN to YELLOW	90.000 msec
Change from YELLOW to RED	150.000 msec
Reset from RED to YELLOW	120.000 msec
Reset from YELLOW to GREEN	60.000 msec

Monitoring: Properties and Methods

Properties of: E74\Dialog_EVBYMINS2424_E74_00\RBL_01\ResponseTime
 MTE class: R3FocusDialogResponseTime

General PerformanceAttribute Methods Addnl info

Performance properties assigned from group: R3FocusDialogResponseTime

Comparison Value

Last reported value Smoothing over last 1 min.
 Average in the last hour Smoothing over last 5 min.
 Average in the last quarter of an hour Smoothing over last 15 mins

Threshold values

Change from GREEN to YELLOW	60.000	msec
Change from YELLOW to RED	150.000	msec
Reset from RED to YELLOW	120.000	msec
Reset from YELLOW to GREEN	60.000	msec

Alert is triggered if the comparative value

falls below threshold value exceeds the threshold value

25. Save the changes by pressing the button  «Save».

5.8. Troubleshooting

To avoid possible problems after installation of the CBY add-on please refer to the section [4.2 "Checking and setting up namespaces"](#).

For any diagnostic messages helping to resolve possible problems please refer to the section [5.5 "Logging and tracing"](#).

5.9. Support Desk Management

For the Read-only role to the corresponding applications please check the [5.2 User Management](#) section.

The product does not have own log tables, the customer can provide SAP standard logs or dumps. The product does not have any component hierarchy names for sending customer messages to SAP. Product support is carried out via SAP Marketplace. Use SAP-Component name **XX-PART-EPA-CBY** if case of incidents creation.