

ERP-198 Capex Supplier and Financial (Lease) Debt Reclass UI

Approved

Status	Approved
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Jira Request ID	 ERP-96 - Jira project doesn't exist or you don't have permission to view it.
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High- Level Specification

Parameter	Value
Application System	S/4 HANA RoW, S/4 HANA CHINA
Business Process Reference	09.07.01.05. Manage General Ledger Period Close

Functional Overview

This app will be called from Advance Financial Closing (AFC) task list and also can be executed from S4 HANA directly if required. This app is required in all two S/4 HANA Production systems.

There are two functionality serves within this program to meet business requirements:

- Syensqo group reporting policy mandates to report Cashflow on Capex as part of its disclosure requirements (both at Group level and at GBU level), as well as detail Capex cash movement by project for GBU Capex analysis (Simplified Cashflow). The Cashflow on Capex must exclude VAT and WHT
 - Starting from the transaction type for "increase/addition" (F20) on the Fixed Asset and Asset Under Construction accounts. When an asset under construction (AuC) is completed and capitalized, the increase or addition (F20) to the AuC account is reversed once the asset is brought into service, using the "Brought into Service" (F34) transaction type. This same F34 transaction is then applied to the appropriate Fixed Asset Class
 - Further to that, any unpaid invoice then need to be corrected on the working capital in operating cashflow. Meaning, If invoices remain unpaid but the fixed assets have already been obtained, these should not be classified as cash outflows. The adjustment for this scenario will be implemented through this program, by reclassing from Trade Payable account (under Operating Cashflow) to Capex Supplier account (under Investing Cashflow) using Flow (Transaction Type) F15. The value recorded must reflect the net amount, which means it should exclude VAT, withholding tax, and any payment discounts, representing the actual cost incurred
 - Downpayment is not part of this reclass program as this will be handled via special GL indicator that is mapped directly to Cashflow reporting

Asset Classes	Account Determination	Description	Transaction Types	Amount
ZGL131XX	...	Land	Addition	- XXXX
ZGL132XX	...	Buildings and Improvements	Addition	- XXXX
ZGL132XX	...	Buildings and Improvements	Capitalization	- XXXX
ZGL133XX	...	PP&E	Addition	- XXXX
ZGL133XX	...	PP&E	Capitalization	- XXXX
ZGL133XX	...	PP&E	Addition	- XXXX
ZGL138XX	...	Tangible Other	Addition	- XXXX
ZGL130XX	...	Tangible AuC	Addition	- XXXX
ZGL130XX	...	Tangible AuC brought to service	Capitalization	XXXX
	2300020 (F)	Advance paid for FXA purchase	Variation	XXXX
	5210080*	Capex Supplier	Variation	XXXX
Net Cash Flow movement on Tangible Assets Acquisition				- XXXX

- To satisfy IFRS16 cash flow reporting requirements. Supplier OI related to finance lease need to be reflected in Financing Activities (as oppose in Operating Activities) using Flow (Transaction Type) F30. This program is intended to perform this reclass.

Posting scheme:

RECEEP (Monthly Rent Amount)		Flow Type	Cash Flow
<i>Lease Liability Reduction</i>		G/L Account	
Dr.	LT Lease Debts (for the month)	4300020	Operating
Cr.	Finance Lease Payable Clearing <i>this will be offset with*</i>	5310080	Operating
Payment to Lessor (PO SES)			
Dr.	* Finance Lease Payable Clearing	5310080	Operating
		5200000	
Cr.	Vendor (Trade Payable External/Financing Instruments)	5200010	F15 Operating
Reclass from Operating to Financing Activities			
Dr.	ST Payables CAPEX/Lease Reclass (Offset)	5210090	F15 Operating
Cr.	LT Lease Debts - ST Portion	5400040	F30 Financing

Scope and Objectives

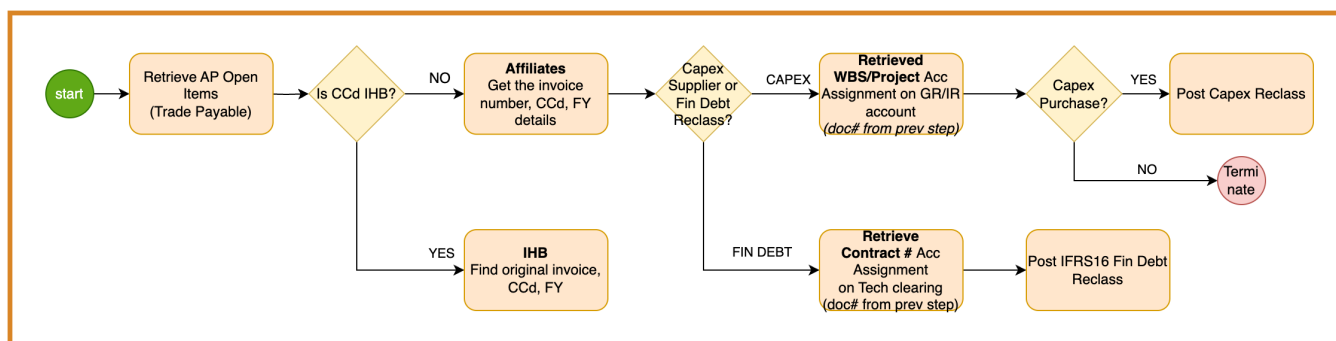
Capex Supplier and IFRS16 Financial Debt reclass only relevant for:

- Trade Payable (excluding Non-Trade Payable, Intercompany, and Noted Items)
- IFRS ledger (not applicable for Local GAAP ledger)

Out of scope:

- This program will not be reclassing Vendor open items that were brought in as part of data migration at go-live cutover as there is no linkage to underlying transactions. The reclass for those documents will need to be done manually (see: [Reclass - Capex Supplier and Finance Lease Debt on Migrated Data.pptx](#))
- FI vendor invoice posting to WBS (all CAPEX purchases must follow Purchase Order process)

Process Flow Diagram



Step	Description	Comment
1	Retrieve all trade payable open items lines in all company codes in scope (Document number, CCd, FY, ...) on IFRS ledger (0L)	Only trade payable that is in scope. Exclude non-trade, intercompany, and noted items
2	Check whether the transactions is recorded in the company code and profit centre of IHB header entity	Different selection of data for IHB header entity and profit centre
3a	If the transaction does not belong to IHB entity/profit centre, retained the invoice document numbers retrieved from step #1	
3b	If the transaction belong to IHB entity/profit centre, find the original document numbers from "text" field (*assumption text field will contains information on CCd /Original Invoice number separated by dash "-")	Get details on cost related to original CCd, Doc, number, FY combination where the account assignment is Lease Contract number (excluding VAT, WHT, and discount line),
4	Check if the execution related to Capex or IFRS16 Finance Debt reclass	
5a	If the execution related to Capex reclass, get details on cost related to Project /WBS from GR/IR account (i.e. CCd, Doc, number, FY, WBS, Project, Purchasing Docs + Line Items), from the document numbers retrieved from Step#3	
5b	Refine the data by checking if the WBS is Capex.	
5c	Only if the WBS related to Capex WBS, the data is retained as a subject for reclass	Post the Capex Supplier reclass on Production run
6a	If the execution related to Finance Lease reclass, get details on cost related to Lease Contract from Lease Clearing account (i.e. CCd, Doc, number, FY, Contract number,...) from the document numbers retrieved from Step#3	
6b	For data related to Finance lease, the data is retained as a subject for reclass	Post the Finance Debt reclass on Production run

Assumptions

For Capex Supplier reclass, all Capex purchases (including Direct Asset purchase) are using Purchase Order with three way matching. GR/IR account will have information on WBS/Project, profit centre, etc in Universal Journal (hereinafter referred to as 'ACDOCA')

For IFRS16 Finance Debt reclass, the transitory account will have information on contract number in ACDOCA

Dependencies

This program has dependencies on:

- Configuration on transaction types
- Data migration for AP open items
- [Payment On Behalf \(POBO\) design from Treasury](#)
- RE-FX Reclass program
- [I2M Master Data standard](#)
- Capex reporting

Security, Integrity and Controls

This transaction will be assigned to role as per swimlane described in L4 09.07.01.05. Manage General Ledger Period Close

Configuration Requirements

Not Applicable

Language Requirements

Language for any error messages will need to be translated as per [KDD055 - Multi-Language Support](#).

Special Requirements

This program needs to be accessible via Fiori Apps in each of production client. Also be able to be called from Advance Financial Closing (AFC). Please refer to OSS Note: 2879220 - AFC Integration of customer-specific reports for coding requirements

Design Rationale

This program will be executed at month-end. The program will have a Fiori app that can be executed by business either online or as scheduled (background)

There are two functionalities serves for the program:

1. Capex Supplier Reclass
2. IFRS16 Finance Debt Reclass

Recommended UI Technology

Standard ABAP report program as User Interface as required by the AFC.

To post reclass document on Production run: Use (1) BAPI_ACC_DOCUMENT_CHECK; subsequently (2) BAPI_ACC_DOCUMENT_POST

Data Source Considerations

Table	Field Name	Comments/Calculation /Field Manipulation
PRPS	PS_POSID	Custom field (refer to I2M Master Data Standard)
ACDOCA		As stated in Process Logic section

Application Screen

Wireframe or Mock-Up

Apps Name: Reclass Capex Supplier and Finance (Lease) Debt

LOGO Reclass - Capex Supplier and Finance (Lease) Debt Search In: "Apps"

Standard*
2 filters active: Posting Period Variant, Fiscal Year Variant

Selection Parameters

- Ledger Group*
- Company Code*
- Fiscal Year*
- Posting Period*
- G/L Accounts*

Output Parameters

- Document Type*
- Reversal Posting Date*

Reclass Tasks

- ☐ Reclassification to Capex Supplier
- ☐ Reclassification to Finance Lease Debt

Processing Options

- ☐ Test Run
- ☐ Production Run

Execute

Reclass - Capex Supplier and Finance (Lease) Debt

Search In: "Apps"

Standard*

2 filters active: Posting Period Variant, Fiscal Year Variant

Selection Parameters

Ledger Group*:

Company Code*:

Fiscal Year*:

Posting Period*:

G/L Accounts*:

Output Parameters

Document Type*:

Reversal Posting Date*:

Reclass Tasks

- Reclassification to Capex Supplier
- Reclassification to Finance Lease Debt

Processing Options

- ☒ Test Run
- ☐ Production Run

Execute

Screen Validation:

- When "Posting Period" and "Fiscal Year" specified on selection screen are greater than current date issue warning (should only be run at month-end)
- When parameter for Ledger Group populated not equal to (<>) '0L' issue error message "Only ledger '0L' is allowed"
- Issue error when mandatory fields on selection parameters are not populated
- For field "G/L Accounts" on selection parameter section, issue error if the account selected for the company code inputted is not SKB1-MITKZ = 'K'.

Dynamic screen is required for "Reclass Tasks". When user select "Reclassification to Capex Supplier" it expands the screen to show these four parameters, and hidden the parameters for Finance Lease Debt. The same when a radio button "Reclassification to Finance Lease Debt" is selected, four parameters are shown. And parameters related to Capex supplier are now hidden.

Dynamic screen is also required for "Production Run". When user select "Production Run" it expands the screen to show "Background Processing" option. When user select Radio button for "Test Run", the "Background Processing" option is hidden .

Additionally, please refer to section "Selection Screen" section below

Reclass Tasks

☒ Reclassification to Capex Supplier

GR/IR Source Accounts:

Target G/L Accounts:

Offset G/L Accounts:

Transaction Type:

☐ Reclassification to Finance Lease Debt

Processing Options

☒ Test Run

☐ Production Run

Reclass Tasks

☐ Reclassification to Capex Supplier

☒ Reclassification to Finance Lease Debt

Lease Clearing Accounts:

Target G/L Accounts:

Offset G/L Accounts:

Transaction Type:

Processing Options

☐ Test Run

☒ Production Run

☐ Background Processing

Screen Navigation

Screen Default Layout on "Test Run" for Capex Supplier. For Finance Lease Debt default layout has "Contract Number" instead of "WBS" or "Project"

LOGO Reclass - Capex Supplier and Finance (Lease) Debt Search In: "Apps"

Standard

Status	CoCd	Fiscal Year	Doc Number	Purchasing Doc	Item	Vendor	Project	WBS	Profit Centre	TC	TC Amount	LC	LC Amount	GC	GC Amount

LC LC Amount

My Views

Save View

View: Standard

☐ Set as Default

☐ Public

☐ Apply Automatically

Save Cancel

Export

Export As...

View Settings

Columns Sort Filter Group

Search

Show Selected

Columns (11/220)

☒ Customer

☒ Company Code

☒ Clearing Status

☒ Assignment

OK Cancel

Screen Default Layout on "Production Run" for Capex Supplier. For Finance Lease Debt default layout has "Contract Number" instead of "WBS" or "Project"

LOGO

Reclass - Capex Supplier and Finance (Lease) Debt

Search In: "Apps"

Standard

Status	R Doc	R CCd	R TCR	TC Amt	R LCR	LC Amt	R Pctr	R Trs	Type	Doc Number	Purchasing Doc	Item	Vendor	WBS	Project ID	Pctr	TC	TC Amt	LC	LC Amt

LC

LC Amt

Field	Table-Field Name	Input / Value help	Source Table	Select: Option or Parameter	Data Type /Length	Default Value / Validation rule / Value Help	Selection Logic
RLDNR	Ledger Group	Value Help	FAGL_TLDGRP	Parameter (single selection)	CHAR (2)	0L	display only
RBUKRS	Company Code	Value Help	T001	Parameter (multiple selection)	CHAR (4)	(using SAP FAST CLOSE)	mandatory
GJAHR	Fiscal Year	Input		Parameter (single selection)	NUMC (4)	(blank)	mandatory
POPER	Posting Period	Input		Parameter (single entry)	NUMC (3)	(blank)	mandatory
RACCT	GL Account	Value Help	SKA1, where Posting Block (XSPEB) <>"X", Balance Sheet account (XBILK) = X", CoA (KTOPL) = "COCA"	Parameter (multiple selections)	CHAR (10)	5200000	mandatory
Output Parameters							
BLART	Document Type	Value Help	T003 (include BLART, and LTEXT)	Parameter (single selection)	CHAR (2)	MC	display only
BUDAT	Reversal Posting Date	Input		Parameter (single selection)	DATS (8)	(blank)	mandatory
Reclass Tasks							
	Reclassification to Capex Supplier			Radio Button			(mandatory selection)
RACCT	GR/IR Source Account:	Value Help		Parameters (multiple selections)	CHAR (10)	5215000, 5215010	mandatory
RACCT	Target G/L Account:	Value Help	SKA1, where Posting Block (XSPEB) <>"X", Balance Sheet account (XBILK) = X", CoA (KTOPL) = "COCA"	Parameter (single selection)	CHAR (10)	5210080	mandatory
RACCT	Offset G/L Account:	Value Help	SKA1, where Posting Block (XSPEB) <>"X", Balance Sheet account (XBILK) = X", CoA (KTOPL) = "COCA"	Parameter (single selection)	CHAR (10)	5210090	mandatory
RMVCT	Transaction Type:	Value Help	T856	Parameter (single selection)	CHAR (3)	F15	mandatory
	Reclassification to Financial (Lease) Debt			Radio button			(mandatory selection)
RACCT	GR/IR Source Account:	Value Help		Parameters (multiple selections)	CHAR (10)	5310080	mandatory
RACCT	Target G/L Account:	Value Help	SKA1, where Posting Block (XSPEB) <>"X", Balance Sheet account (XBILK) = X", CoA (KTOPL) = "COCA"	Parameter (single selection)	CHAR (10)	5400040	mandatory

RACCT	Offset G/L Account:	Value Help	SKA1, where Posting Block (XSPEB) <>"X", Balance Sheet account (XBILK) = "X", CoA (KTOPL) = "COCA"	Parameter (single selection)	CHAR (10)	5210090	mandatory
RMVCT	Transaction Type:	Value Help	T856	Parameter (single selection)	CHAR (3)	F30	mandatory
Processing Options							
	Test Run	-	-	Radio button			(mandatory selection)
	Production Run	-	-	Radio button			(mandatory selection)
	Background	-	-	Check box			(optional)

Report Layout

Field	Table-Field Name	Display Field Name	Value	Source
		Status	show 'green' traffic light with tool tip "OK to post" or 'red' traffic light with tool tip "Error" (on test run) show 'green' traffic light with tool tip "Posted" or 'red' traffic light with tool tip "Error" (on production run)	Spool result BAPI_ACC_DOCUMENT_CHECK (test run) API_ACC_DOCUMENT_SRV or BAPI_ACC_DOCUMENT_POST (production run)
BELNR	Document Number	Reclass Doc Number	(as per spool result on production run)	
GJAHR	Fiscal Year	Reclass FY	(as per spool result on production run)	
RBUKRS	Company Code	Reclass CoCd	(as per spool result on production run)	
BUDAT	Posting Date	Reclass Posting Date	(as per spool result on production run)	
RACCT	G/L Account	Reclass Account	(as per spool result on production run) = target G/L Account	
RMVCT	Transaction Type	Reclass Ty Type	(as per spool result on production run)	
PRCTR	Profit Centre	Reclass Profit Centre	(as per spool result on production run)	
RWCUR	Transaction Curr	Reclass TC	(as per spool result on production run)	
WSL	Amount in TC	Reclass TC Amt	(as per spool result on production run)	
RHCUR	Company Code Curr	Reclass LC	(as per spool result on production run)	
HSL	Amount in LC	Reclass LC Amt	(as per spool result on production run)	
RKCUR	Global Curr	Reclass GC	(as per spool result on production run)	
KSL	Amount in GC	Reclass GC Amt	(as per spool result on production run)	
...	...	(as per data retrieved from step 1-3 for Capex Reclass or step 1-2 for Finance Lease Debt Reclass)	(as per original value retrieved from step 1-3 for Capex Reclass or step 1-2 for Finance Lease Debt Reclass)	Please refer to ERP-199 (Section: Processing Logic)

Processing Logic

Program Logic:

1. Reclassification to Capex Supplier

- If Company Codes <> IHB Header Entity
- If Company Code = IHB entity (see ** for additional selection, an extra steps to get the information on original invoice number for the invoice that has been moved (POBO) to IHB header entity)

Steps	Description	Table	Field Name	Field	Source	Output Indicator	Output
1	Get list of Document Numbers based on Vendor Open Items (excluding noted items) from the criteria entered on selection parameters	ACDOCA	Ledger	RLDNR	(selection parameter)	X	List of Vendor (Trade Payable) Open Items documents by:

			Company Code	RBUKRS	(selection parameter) *if = IHB Header Entity (1010), get information on Original Invoice number and CCd from *Text field	X	- Ledger - Company code(s) - Fiscal Year - Document Number - Profit Centre - Supplier
			AccType	KOART	K		
			Clearing Date	AUGDT	(Blank) or (greater than) ">" last day of FY/period specified in parameters		
			GL Account	RACCT	(selection parameter)		
			Special GL	UMSKZ	(Blank)		
			Business Transaction Category	BTTYPE	RMRP (PO based - incoming invoice)		
			Supplier	LIFNR	(retrieve)	X	
			Fiscal Year	GJHAR	(retrieve)	X	
			Doc Number^	BELNR	(retrieve)	X	
			Profit Centre	PRCTR	(retrieve)	X	
		**BKPF	Doc. Header Text	BKTX	Contains information of original company code, invoice (FI) document number, and Fiscal Year with format XXXX1234567890YYYY where XXXX = Company code; 1234567890 = Invoice document number; YYYY = original invoice Fiscal Year (Refer to ERP-956)		
2	Get the account assignment from GR/IR line based on Ledger/CCd/FY/Document Number from step #1	ACDOCA	**Company Code	BUKRS	For IHB entity, Original Company Code based on Company Code retrieved from "Text" field from step#1		Append the list from step #1, with - GL Account - WBS ID - Project ID - Purchasing Doc - Purchasing Line Item - TC, Amount in TC - LC, Amount in LC - GC, Amount in GC
			GR/IR Source Account	RACCT	(selection parameters)	X	
			Project	PS_PSPID	Project ID for reporting	X	
			WBS	PS_POSID	start with "A" for Capex WBS	X	
			Transaction Curr	RWCUR	(retrieve)	X	
			Amount in TC	WSL	(retrieve)	X	
			Company Cd Curr	RHCUR	(retrieve)	X	
			Amount in LC	HSL	(retrieve)	X	
			Global Curr	RKCUR	(retrieve)	X	
			Amount in GC	KSL	(retrieve)	X	
			Purchasing Doc	EBELN	(retrieve)	X	
			Purch. Doc. Line	EBELP	(retrieve)	X	
3	Get the actual Capex WBS from Project	PRPS	WBS	PS_POSID	from #2		Refine the list of Vendor Open Items documents from #1+#2 only related to Capex WBS
			Company Code	PBUKR	from list #1+2		
			CAPEX /OPEX indicator	ZX01*	= 'CAPEX'		
4	Check if there's already reclass documents posted	ACDOCA			- for each record result from step 1-3, check if there's an "MC" document posted" for the FY/Period specified in parameters previously where: - BUKRS = BUKRS record from step 1-3, - RWCUR = RWCUR record from step 1-3, - WSL = WSL record from step1-3 - PRCTR = PRCTR record from step1-3 - SGTXT = PS_PSPID record from step 1-3		Drop the records that are already have corresponding reclass document (MC doc) Retain only the records that are new

* related to I2M Master Data Standard

^ original invoice document number

2. Reclassification to Finance Debt

Selection logics are the same as CAPEX reclass program, the differences are:

Steps	Description	Table	Field Name	Field	Source	Output Indicator	Output
1	See "Capex Reclass"						
2	Get the account assignment from "Technical Clearing lease" line based on Ledger/CCd/FY/Document Number from step #1	ACDOCA	Lease Liability Clearing Account	RACCT	(selection parameters)		Append the list from step #1, with - Contract number - Purchasing Doc - Purchasing Line Item - TC, Amount in TC - LC, Amount in LC - GC, Amount in GC
			Contract Number	RECNNR	(retrieve)	X	
			Project	PS_PSPID	Not required		
			WBS	PS_POSID	Not required		
			...	...	All other fields see "Capex Reclass" step#2		
3	Not applicable						

Output Logic:

- **"Test Run"**

Program will create ALV report layout, default columns displays depending on the program executed:

- For Capex reclass - list down the details of the information retrieved (as result of step#3). Columns to display: Status#, Company Code, Vendor, Purchasing Doc + Item, Document Number (original FI invoice doc), Profit Centre, WBS, Project, TC, Amount in TC*
- For IFRS16 Fin Debt reclass - list down the details of the information retrieved. Columns to display: Status#, Company Code, Vendor, Purchasing Doc + Item, Document Number (original GR/IR doc), Profit Centre, Contract Number, TC, Amount in TC*,

(*see section Program Logic for columns marked as "retrieved"). It should create a spool with no immediate output but hyperlink to Spool SP02 (message "Spool request (....) created without immediate output. [View details](#)")

Status column should show "OK to post" for the document lines that can be posted, and "ERR" which can be referred to spool error message

- **"Production Run" (online)**

Program generate posting depending on the program executed (use: API_ACC_DOCUMENT_SRV or BAPI_ACC_DOCUMENT_POST) :

- For Capex reclass - the posting is to offset normal Vendor recon accounts (offset account as per parameter), where amount = retrieved amount, to Capex supplier account (as per parameter), where value = *-1 (opposite value) with transaction type F15

^Based on documents list retrieved from step#3, create posting group by Currency, profit centre and project ID

Document #	Header Text (25)	Posting Date	Doc Type	CCd	Ledger Grp	TC^
Doc #1	CAPEX_SUP_RECLASS	BUDAT = last day of the period specified in parameters	BLART specified in parameters	BUKRS As per retrieved step#3	RLDNR specified in parameters	RWCUR^ As per retrieved step#3
	Posting Key	GL Account	Transaction Type	Amount TC	Profit Centre^	Line Item Text^
	BSCHL (Dr. 40/Cr. 50)	RACCT = offset parameters (5210090)	RMVCT = F15	WSL	PRCTR	SGTXT = PS_PSPID
	BSCHL (Dr. 40/Cr. 50)	RACCT = target parameter (5210080)	RMVCT = F15	=WSL *-1	PRCTR	SGTXT= PS_PSPID

and reversal document (reverse entry of original entry Posting Key and amount (with header text = original doc + suffix " _REV" - "CAPEX_SUP_RECLASS_REV") and XBLNR = initial reclassified document number

- For IFRS16 Fin Debt reclass

^Based on documents list retrieved from step#3, create posting group by Currency, profit centre and Contract number

Document #	Header Text (25)	Posting Date	Doc Type	CCd	Ledger Grp	TC^
Doc #1	LEASE_SUP_RECLASS	BUDAT = last day of the period specified in parameters	BLART specified in parameters	BUKRS As per retrieved step#3	RLDNR specified in parameters	RWCUR As per retrieved step#3
	Posting Key	GL Account	Transaction Type	Amount TC	Profit Centre^	Line Item Text^
	BSCHL (Dr. 40/Cr. 50)	RACCT = offset parameters (5210090)	RMVCT = F15	WSL	PRCTR	SGTXT = RECNNR
	BSCHL (Dr. 40/Cr. 50)	RACCT = target parameter (5400040)	RMVCT = F30	=WSL *-1	PRCTR	SGTXT = RECNNR

and reversal document (reverse entry of original entry Posting Key and amount (with header text = original doc + suffix "_REV" - "LEASE_SUP_RECLASS_REV") and XBLNR = initial reclassified document number

Program will then create ALV report layout, default columns displays depending on the program executed:

- For Capex reclass - list down the details of the information retrieved from step#3 combined with posted documents into matrix table*
 - Available columns for display: **Status#**, **Reclass result** (Doc No., CCd, Transaction Type, TC, TC Amount, LC, LC Amount, GC, GC Amount) + **Original documents retrieved from step#3** (Company Code, Vendor, Purchasing Doc + Item, Document Number (original FI invoice doc), Profit Centre, WBS, Project, TC, Amount in TC, LC, Amount in LC, GC, Amount in GC)
- For IFRS16 Fin Debt reclass - list down the details of the information retrieved from step#3 combined with posted documents into matrix table*
 - Available columns for display: **Status#**, **Reclass Result** (Doc No., CCd, Transaction Type, TC, TC Amount, LC, LC Amount, GC, GC Amount) + **Original documents retrieved from step#3** (Company Code, Vendor, Purchasing Doc + Item, Document Number (original FI invoice doc), Profit Centre, Contract Number, TC, Amount in TC, LC, Amount in LC, GC, Amount in GC)

Status column should show "Posted" for the document lines that have been reclassified and "ERR" which can be referred to spool error message

* to differentiate with the original document retrieved up to step#3, the reclass document information should be displayed in ALV with columns that are prefixed with "R_"

• "Production Run" (Background)

When the parameter "Background" is selection on Production Run, the same output as per Production Run (Online) is required to be displayed on the spool result

• "Production Run" (Re-run)

When the program is re-run, it needs to check if the reclass documents have been posted for the original invoices selected. Only to select and post the delta if the original invoice has a corresponding reclass document

Custom Tables

Master data - N/A

Field	Description	Data Type/Length	Validation rule / Value help

Configuration table - N/A

Field	Description	Data Type/Length	Validation rule / Value help

Tooltips

Show tool tip on traffic light for field "Status"

- show 'green' traffic light with tool tip "OK to post" or 'red' traffic light with tool tip "Error" (on test run)
- show 'green' traffic light with tool tip "Posted" or 'red' traffic light with tool tip "Error" (on production run)

Front-End

This program/Fiori Apps will be run from desktop/laptop. This is not meant to be run from mobile phone / tablet

Mobile Services

Not applicable

Authentication & Authorization

Accessing the Fiori Apps should be done out of launchpad using SSO. Or triggering the apps from Advance Financial Close (AFC) by logging to AFC via SSO

Accessibility

Not applicable

Volumetrics

Data based on legacy systems:

Capex Supplier reclass

PF2 (based on 28 company codes in scope): FY 2025 up to Nov (1378 documents), FY2024 (1724 documents), FY2023 (1339 documents), FY2022 (1223 documents) BKTXT = Z3F_CAPEX_FAV_MONTHLY_POSTING

WP2 (based on 47 company codes in scope): FY2025 up to Nov (4698 documents), FY2024 (5637 documents), FY2023 (5014 documents), FY2022 (4344 documents) BKTXT = Z3F_CAPEX_FAV_MONTHLY_POSTING

QI2 (based on 2 company codes in scope): FY2025 up to July (707 documents), FY2024 (1579 documents), FY2023 (1138 documents), FY2022 (764 documents) XBLNR = Z1F_CAPEX_MONTHL

IFRS16 Finance Lease Debt reclass

PF2 (based on 28 company codes in scope): FY 2025 up to Nov (333 documents), FY2024 (450 documents), FY2023 (388 documents), FY2022 (333 documents) BKTXT = Z1F_LEASE_MONTHLY_NEW

WP2 (based on 47 company codes in scope): FY2025 up to Nov (1139 documents); FY2024 (1351 documents); FY2023 (923 documents); FY2022 (863 documents) BKTXT = Z1F_LEASE_MONTHLY_NEW

QI2 (based on 2 company codes in scope): FY2025 up to July (512 documents), FY2024 (1054 documents), FY2023 (987 documents), FY2022 (809 documents) XBLNR = Z1F_LEASE_MONTHL

Performance Consideration

This program will be executed at month-end. There is no performance issue expected as this will be run per region covering EMEA (ERP), APAC (ERP, ECP) , America (ERP). America region will have 19 company codes; EMEA (ERP) will have 31 company codes; APAC (ERP) will have 15 company codes; APAC (ECP) will have 8 company codes. Based on volumetrics on number of documents processed in legacy these will only be maximum around 5000 documents

Error Handling

On both test run and production run, when the program does not pick up any records, show a message "No data selected!"

On both test run and production run, check the "Target" and "Offset" G/L Accounts specified on the selection parameters with company codes entered in selection parameters against SKB1:

- If SKB1-SAKNR does not have G/L accounts specified on the parameters, issues error message "G/L Account XXXXXXXX, XXXXXXXX does not exist in Company Code 1234" where XXXXXXXX = SAKNR from parameters and 1234 = BUKRS from the parameters
- If SKB1-SAKNR does have the G/L accounts specified on the parameters but it has status blocked for posting (XSPEB) = "X" and /or deletion flag (XLOEB) = "X", issues error message "G/L Account XXXXXXXX is (Condition A or Condition B)"; where XXXXXXXX = SAKNR from parameters and Condition A = 'block for posting' if the GL accounts has "XSPEB=X" or Condition B = 'marked for deletion', if both XSPEB and XLOEB are "X" shows only Condition A error
- else no error

On production run, when the program unable to post due to period is not opened, issue error message "Period XX FY XXXX is Closed"

- Check T001 for Company Code (T001-BUKRS) posting period variant (T001-OPVAR)

- Based on (T001-OPVAR), check T001B where Record Type (T001B-RRCTY) = "0" (Actual), Account Type (T001B-MKOAR) = "S", and "GL Account" specified in "Target" G/L Account in parameters is within From Account (VKONT) to To Account (BKONT) - if not loop until find the correct range
- Then Get Posting Period that are still open From Period (FRPE1) + From Fiscal Year (FRYE1) to To Period (TOPE1) To Fiscal Year (TOYE1)
- Compare the posting period, FY, posting period+1, FY(+1, if posting period is 12) specified in parameters - including posting period/FY reversal
- If posting period/FY incl. reversal posting period/FY are not opened, issue error message "Period XX FY XXXX is closed" where XX and XXXX are posting period specified in parameters or if the reversal period that is not open "Reversal Period XX+1 FY XXXX(+1) is closed"

Testing

How to Test

Access the apps and execute the transaction based on predefined program variants (parameters specified on section "selection screen enhancement") and/or

Logon to AFC and execute from app "Process Closing Tasks" to trigger execution of the reclass program on each connected S4 system(s)

Test Conditions and Expected Results

Capex Supplier Reclass Program

ID	Condition	Expected Result
Pre-requisites		
P. 01	Create a statistical and Capex WBS's for Capex purchases	WBS for Direct Asset purchase and Capex purchases created
P. 02	Create PR for Capex purchases > Approved	PR approved for Capex purchases
P. 03	Convert PR to PO for Capex purchases	PO created for Capex purchases
P. 04	Create PO line 01 for Direct Asset Purchase	PO line 01 created with Account assignment Asset (WBS statistical)
P. 05	Create PO line 02-04 for Capex purchase	PO line 02-04 created with Account Assignment Project (Capex) WBS
P. 06	Perform Good Receipt and Invoice Receipt #01	Good receipt and invoice receipt documents #01 generated
P. 07	Perform Good Receipt (no Invoice Receipt) #02	Good receipt document #02 generated
P. 08	Perform Good Receipt and Invoice Receipt #03	Good receipt and invoice receipt documents #03 generated
P. 09	Perform Good Receipt and Invoice Receipt #04	Good receipt and invoice receipt documents #04 generated
P. 10	APM Payment Order (POBO) - Inv transfer to IHB header for Inv#04	Original invoice cleared, a new invoice at IHB entity created
P. 11	Run settlement WBS	AuC asset created based on Good Receipt value doc #02-04
Unit Tests		
01	Check all parameters, selection (single vs multiple selection), radio button	As per requirements
02	Run Capex reclass program in "test" run	Program creates ALV layouts report with no document posted. All information displayed correctly (all fields as per specs are displayed). Able to modify the ALV layout, save layout, and export to excel
03	Run Capex reclass program in "production" run	Reclass document posted to Capex supplier account with correct Doc type, transaction type, Amount, Project ID, Original Doc number, purchasing doc number and item, for documents: 01, 03 at the original entity, and 04 at IHB entity For doc#02 there shouldn't be any reclass document posted since there is no Invoice Receipt

		Reversal document posted to the first day of the following month specified in parameter
04	Re-run Capex reclass program in "test" run from AFC* (second set of data required)	Able to show application log, detail list report and only select second set of data and not include first set of data
05	Re-run Capex reclass program in "production" run from AFC* (second set of data required)	Able to show application log, detail list report, creation of spool and only post second set of data and not include first set of data
06	Re-run Capex reclass program in "production" run either directly in source or triggered from AFC* using first and second set of data that have been reclassified	Program should have nothing to post with message "No data selected"

Finance Debt (IFRS16) Reclass Program

ID	Condition	Expected Result
Pre-requisites		
P. 01	Create Lease Contract IFRS16 x3	Lease Contracts created
P. 02	Run contract valuation (RECEEP)	Lease contract valuation posted, lease liability for the month created
P. 03	Post Service Entry Sheet (SES) for Contract #1-#3	SES posted
P. 04	Post vendor invoices for Contract #2-3	Vendor invoices posted
P. 05	Transfer invoice to IHB entity for Contract #3	Lease invoice is created in IHB header entity and cleared from original company code
P. 06	Run reclass program (SAPFOBJ_REGROUP)	Lease reclass LT Lease Debt - ST Portion posted (Check Flow 31)
Unit Test		
01	Run Finance Lease Debt reclass program in "test" run	Program creates ALV layouts report with no document posted. All information displayed correctly (all fields as per specs are displayed). Able to modify the ALV layout, save layout, and export to excel
02	Run Finance Lease Debt reclass program in "production" run	Reclass document posted to "LT Lease Debt - ST Portion" account with correct Flow (F30) with correct Doc type, Amount, Contract number, purchasing doc number and item. For contract #2 - reclass document posted at original entity; Contract #03 reclass posted at IHB entity. Contract #01 there shouldn't be any reclass document posted since there is no Invoice Receipt. Reversal document posted to the first day of the following month specified in parameter
03	Re-run Finance Lease reclass program in "test" run from AFC* (second set of data required)	Able to show application log, detail list report and only select second set of data and not include first set of data
04	Re-run Finance Lease reclass program in "production" run from AFC* (second set of data required)	Able to show application log, detail list report, creation of spool and only post second set of data and not include first set of data
05	Re-run Finance Lease reclass program in "production" run either directly in source or triggered from AFC* using first and second set of data that have been reclassified	Program should have nothing to post with message "No data selected"

*(Process Closing Tasks apps)

Test Considerations/Dependencies

Calling the program from Advance Financial Closing (AFC) has dependencies on the following:

- Register custom program, variant, and task model at local setting
- Synchronize completed to AFC system
- Task model available in AFC test system

Executing the program multiple times for the same parameters should only post the delta.

Other Information

Reference legacy process [Functional Documentation - Capex Analysis report](#)

Reference legacy IFRS16 Finance Debt reclass program: [Z1F_CAPEX_MONTHLY](#) (PF2); [ZWFAR58002](#) (WP2); [Z3F_CAPEX_FAV_MONTHLY_POSTING](#) (PI2)

Reference legacy Capex Supplier reclass program: [Z1F_CAPEX_MONTHLY_POSTING](#) (PF2, WP2); [Z3F_CAPEX_FAV_MONTHLY_POSTING](#) (PI2)

Development Details

Package

Package Name	Parent Package

UI Implementation

UI Type	UI Name	Fiori Catalogue	Design Rationale Reference

API Implementation

API Type	API Name	Purpose / High Level Logic	API Product	Design Rationale Reference

Other Development Objects

Object Type	Object Name	Purpose/High Level Logic	Design Rationale Reference

Appendix

Custom Authorization Group Naming Convention

This table is based on the Syensqo development standards document. It provides the naming conventions for authorization groups to associated with custom reports and tables to comply with security requirements.

ABAP	ZFI	ZMM	ZPS	ZCO	ZSD	ZBC	ZFI	ZCA
TABLES	ZFIT	ZMMT	ZPST	ZCOT	ZSDT	ZBCT	ZFIT	ZCAT

See also

[ERP-956 IHB Factoring - Selection of open items/Chained Inter Co/Payment order \(Factoring contract\)](#)

Change log

Version	Published	Changed By	Comment
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CURRENT (v. 39)	Jan 30, 2026 07:41	ANGGREANI-ext, Lisa
v. 38	Jan 30, 2026 07:30	ANGGREANI-ext, Lisa
v. 37	Jan 30, 2026 07:28	ANGGREANI-ext, Lisa
v. 36	Jan 29, 2026 10:58	ANGGREANI-ext, Lisa
v. 35	Jan 29, 2026 07:47	ANGGREANI-ext, Lisa
v. 34	Jan 29, 2026 06:06	ANGGREANI-ext, Lisa
v. 33	Jan 22, 2026 10:56	ANGGREANI-ext, Lisa
v. 32	Jan 22, 2026 10:53	ANGGREANI-ext, Lisa
v. 31	Jan 22, 2026 10:00	ANGGREANI-ext, Lisa
v. 30	Jan 22, 2026 09:47	WEINERT-ext, Patrick

[Go to Page History](#)

Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

Mar 06, 2026	Actor	Type	Activity	Version
Approved	 BOUMSSAHAL-ext, Mohamed	State	changed state to Approved at 11:58 am	v39
Lead Approval	 BOUMSSAHAL-ext, Mohamed	State	gave <i>POD Lead Review</i> approval at 11:58 am	
Feb 06, 2026				
	 ANGGREANI-ext, Lisa	State	assigned approval <i>POD Lead Review</i> to  BOUMSSAHAL-ext, Mohamed at 3:18 pm	
Jan 30, 2026				
	WEINERT-ext, Patrick	State	changed expiry date to '06 Feb, 2026 09:27 am' at 9:27 am	
		State	changed state to Lead Approval at 9:27 am	v39
Tech Review	WEINERT-ext, Patrick	State	gave <i>Tech Review</i> approval at 9:27 am	