

ChDep	Description
MC02	Mobile Company Chart of Depreciation
TAK1	Takh Company Chart of Depreciation 2
TAKH	Takh Company Chart of Depreciation
USGP	Chart of Depreciation USGP

SAP-FI-Case Study

Change View "Define Depreciation Areas": Overview

Chart of Depr. **MC02** Mobile Company Chart of Depreciation

Define Depreciation Areas

Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L
1	Book depreciation	<input checked="" type="checkbox"/>	0L	60	Area Posts in Real Time
2	Depreciation For Tax Authority	<input checked="" type="checkbox"/>	0L	60	Area Does Not Post

Change View "Maintain company code in Asset Accounting": Overview



CoCd	Company Name	Chrt dep	Description
EG02	MobileCo Egypt	MC02	Mobile Company Chart of Depreciation
EG05	team5		
EG23	MobileCo EG Group		
ES01	Country Template ES		
ES02	MobileCo Spain		

Change View "Asset Accounting: Screen layout for master..": Overview



Scr ...	Name of screen layout rule
1000	Real estate
1100	Buildings
2000	General machines
2550	EG02 Machines Screen Layout
3000	Fixtures and fittings
3100	Vehicles
3200	DP / Hardware
3300	Low-value assets
4000	Assets under construction

Change View "FI-AA: Account determination": Overview



Acct. determ.	Name of Account Determination
2550	EG02 Machines
10000	Real estate and similar rights
11000	Buildings
20000	Machinery and Equipment
21000	Concessions Rights Licenses
25000	Internal Development

Edit Intervals: Asset Number, Object ANLAGENNR, Subobject EG02

Number Range No.	From No.	To Number	NR Status	External
10	000110000000	000119999999	0	<input type="checkbox"/>

New Entries: Details of Added Entries

Asset Class **2550** EG02 Machines Asset Class

Short Text EG02 Machines Asset

Asset type

Account Determ. **2550**

Scr. layout rule **2550**

Base Unit

Number assignment

Number Range **10**

External sub-no ☐

Inventory data

☐ Include Asset

Status of AuC

☒ No AuC or Summary Management of AuC

☐ Line item settlement

☐ Investment Measure

SAP-FI-Case Study

- ✓ Asset Accounting
 - > Migration: Asset Accounting (New)
 - ✓ Organizational Structures
 - ✓ Check Country Settings/Region Settings
 - ✓ Copy Reference Chart of Depreciation/Depreciation Areas
 - ✓ Assign Chart of Depreciation to Company Code
 - ✓ Specify Number Assignment Across Company Codes
 - ✓ Asset Classes
 - Documentation
 - Account Determination
 - Screen Layout Rules
 - ✓ Define Number Range Interval
 - ✓ Define Asset Classes
 - Specify Chart-of-Dep.-Dependent Screen Layout/Acct Assignment
 - > Country-/Region-Specific Functions
 - > Integration with General Ledger Accounting
 - ✓ General Valuation
 - ✓ Set Chart of Depreciation
 - ✓ Depreciation Areas
 - ✓ Define Depreciation Areas
 - ✓ Define Depreciation Area for Quantity Update
 - ✓ Specify Transfer of APC Values
 - ✓ Specify Transfer of Depreciation Terms
 - > Subsequent Implementation of a Depreciation Area
 - > Country-/Region-Specific Settings
 - ✓ Determine Depreciation Areas in the Asset Class
 - ✓ Deactivate Asset Class for Chart of Depreciation
 - > Amount Specifications (Company Code/Depreciation Area)
 - > Fiscal Year Specifications
 - ✓ Currencies
 - ✓ Define Depreciation Areas for Foreign Currencies
 - ✓ Specify the Use of Parallel Currencies

New Entries: Details of Added Entries



Dialog Structure

- ✓ Asset class selection
 - Chart-of-depreciation-dep

Asset Class **2550** EG02 Machines Asset Class
 Chart of Depr. **MC02**

Chart-of-depreciation-dependent data

Control entries

Screen Layout Rule **2550**
 Account Determinatio **2550**

Ch.-of-dep.-indep. data

Control entries

Scrnlayout **2550**
 Acct.Detrm **2550**

Technical entries

Created By **SAP19**
 Created On **05.03.2024**

Changed By
 Changed On

SAP-FI-Case Study

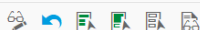
- Asset Accounting
 - Migration: Asset Accounting (New)
- Organizational Structures
 - Check Country Settings/Region Settings
 - Copy Reference Chart of Depreciation/Depreciation Areas
 - Assign Chart of Depreciation to Company Code
 - Specify Number Assignment Across Company Codes
- Asset Classes
 - Specify Account Determination
 - Create Screen Layout Rules
 - Define Number Range Interval
 - Define Asset Classes
 - Specify Chart-of-Dep.-Dependent Screen Layout/Acct Assignment
- Country-/Region-Specific Functions
- Integration with General Ledger Accounting
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 - Set Chart of Depreciation
- Depreciation Areas
 - Define Depreciation Areas
 - Define Depreciation Area for Quantity Update
 - Specify Transfer of APC Values
 - Specify Transfer of Depreciation Terms
 - Subsequent Implementation of a Depreciation Area
 - Country-/Region-Specific Settings
 - Determine Depreciation Areas in the Asset Class
 - Deactivate Asset Class for Chart of Depreciation
- Amount Specifications (Company Code/Depreciation Area)
- Fiscal Year Specifications

[illegible]

SAP-FI-Case Study

- > Real-Time Consolidation
- > Asset Accounting
 - > Migration: Asset Accounting (New)
 - > Organizational Structures
 - Check Country Settings/Region Settings
 - Copy Reference Chart of Depreciation/Depreciation Areas
 - Assign Chart of Depreciation to Company Code
 - Specify Number Assignment Across Company Codes
 - > Asset Classes
 - Specify Account Determination
 - Create Screen Layout Rules
 - Define Number Range Interval
 - Define Asset Classes
 - Specify Chart-of-Dep.-Dependent Screen Layout/Acct Assignment
 - > Country-/Region-Specific Functions
- > Integration with General Ledger Accounting
- > General Valuation
- > Depreciation
- > Special Valuations
- > Master Data
 - > **Screen Layout**
 - Define Screen Layout for Asset Master Data
 - Define Screen Layout for Asset Depreciation Areas
 - Specify Tab Layout for Asset Master Record
 - Process Selection Criteria
 - Activate Country-Specific/Region-Specific Data
 - > User Fields
 - > Automatic Creation of Equipment Master Records
 - Specify Time-Independent Management of Organiz. Units
 - Define Asset Search Help
 - Specify Retention Periods for Archiving
 - Define Validation

Change View "Field group rules": Overview



Dialog Structure

- ▼ Screen layout
 - ▼ Logical field groups
 - Field group rules

Screen Layout **2550** EG02 Machines Screen Layout
 Logical Fld Grp **3** Time-dependent data

FG	Field group name	Req.	Opt.	No	Disp	Class	MnNo.	Sbno.	Copy
14	License plate number	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Cost center	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16	Plant	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Business area	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18	Location	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19	Building/Room No.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	Activity type	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Cost order	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Multi-shift factor	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Shutdown	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Resp. cost center	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	Personnel number HR	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Maintenance order	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
81	Tax jurisdct. code	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
89	Functional Area	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AA	Segment	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AB	Profit Center	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The screenshot shows the 'Change View' interface for the 'Chart of Accounts' in SAP S/4HANA. The left sidebar displays the 'Dialog Structure' with a tree view containing 'Chart of Accounts' and its sub-items: 'Account Determination', 'Balance Sheet', 'Depreciation', and 'Special Reserves'. The 'Account Determination' folder is expanded, and a red box highlights the 'MO02' icon next to the 'Mobile Company' entry. A tooltip labeled 'Open folder' is visible over the 'Account Determination' folder. The main area shows a table with columns 'Ch...' and 'Descriptn', with the 'MO02' icon and 'Mobile Company' text visible in the first row.

G/L Account	2000500	
Company Code	EG02	MobileCo Egypt

Type/Description	Control Data	Create/bank/interest	Key word/translation	Information (C/A)	<	>	
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Control in Chart of Accounts MO02 Mobile Company

G/L Account Type	Balance Sheet Account
Account Group	Balance Sheet

Description

Short Text	Machines
G/L Acct Long Text	Machines Fixed Assets

Consolidation Data in Chart of Accounts MO02 Mobile Company

Trading Partner No.	
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SAP-FI-Case Study

Change View "Balance Sheet Accounts": Details



Dialog Structure

- ▼ Chart of Accounts
 - ▼ Account Determination
 - ▼ Balance Sheet Accounts
 - ▼ Depreciation
 - ▼ Special Reserves

Chart of Accts **M002** Mobile Company
 Account Determ. **2550** EG02 Machines
 Deprec. area **1** Book depreciation

Acquisition account assignment

Bal.Sh.Acct APC	2000500	Machines
Acquisition: Down Payments		
Contra account: Acquisition value		
Down-payments clearing account		
Acquisition from affiliated company		
Revenue from post-capitaliz:		

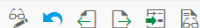
Retirement account assignment

Loss Made on Asset Retirement w/o Reven.	1000500	Loss On Scrap MCHNS
Clearing Acct. Revenue from Asset Sale		
Gain from Asset Sale	4000012	Gain From Sale MCHNS
Loss from Asset Sale	1000501	Loss From Sale MCHNS
Clear revenue sale to affil.company		

Revaluation account assignment

Revaluation Acquis. and Production Costs	
Offsetting Account: Revaluation APC	

Change View "Depreciation": Details



Dialog Structure

- ▼ Chart of Accounts
 - ▼ Account Determination
 - ▼ Balance Sheet Accounts
 - ▼ Depreciation
 - ▼ Special Reserves

Chart of Accts **M002** Mobile Company
 Account Determ. **2550** EG02 Machines
 Deprec. area **1** Book depreciation

Ordinary depreciation account assignment

Acc.dep. acct.for ordinary depreciation	2000501	Accumulated Dep MCHN
Expense account for ordinary depreciat.	1000502	Depreciation Exp MCH
Expense account for ord. dep. below zero	1000502	Depreciation Exp MCH
Revenue from write-up on ord.deprec.	4000013	Gain From Asset W-UP

Special depreciation account assignment

Accumulated dep. account special dep.	
Expense account for special depreciation	
Expense Account for Spec.Dep.Below Zero	
Revenue from write-up on special deprec.	

Unplanned depreciation account assignment

Accumulated dep. account unpl. deprec.	2000501	Accumulated Dep MCHN
Expense account for unplanned deprec.	1000502	Depreciation Exp MCH
P&L Act.Unpl.Dep.Below 0	1000502	Depreciation Exp MCH
Revenue from write-up on unplnd. deprec.	4000013	Gain From Asset W-UP

Account assignment for transfer of reserves

Val. adj. acct. for transfer of reserves	
Contra account for transferring reserves	
Revenue from w-up transfer of reserves	

Create Asset: Initial screen

Master data

Depreciation areas

Asset Class

Company Code

Number of Similar Assets

Reference

Asset

Subnumber

Company Code

Post-capitalization

EG02

1

☐

Asset Class (3) 13 Entries found

A: Company Code and ClassesB: Account Assignment / ...

Company Code: EG02

Class	Asset Class Description
1000	Real Estate (Land)
1100	Buildings
2000	Machinery and Equipment
2550	EG02 Machines Asset Class
3000	Fixtures and Fittings
3100	Vehicles
3200	Computer Hardware
4000	Assets under Construction
4001	AuC as Investment Measure
5000	Low-value Assets
6000	Leased Assets (Operating Lease)
6100	Leased Assets (Capital Lease)
6200	Leased Assets (Capital Lease)

Create Asset: Initial screen

Master data

Depreciation areas

Asset Class

Company Code

Number of Similar Assets

2550

EG02

1

Performance Assistant

Information about last completed fiscal year is incomplete

Message No. AY159

Diagnosis

For valuation area 02, company code EG02 still does **not** contain information about the last closed fiscal year.

System Response

Processing terminates.

Procedure

Check the last closed fiscal year for the valuation area. You can check this in Customizing for *Asset Accounting* under **Make Settings for Company Code** (transaction `FAA_CMP`).

If the last closed fiscal year is initial, the current error message is rightly issued.

To resolve the problem, check whether the *Legacy Data Transfer* tab contains at least one segment for the legacy data transfer.

- If this is **not** the case, create a segment with a legacy data transfer date.





















The system then automatically sets the information for the current and closed fiscal years.

- If there is exactly one segment that is **not** yet closed, try to update the segment by making a change and saving the data.

If it is **not** possible to set a closed fiscal year for the valuation area, contact SAP.

SAP-FI-Case Study

Structure

- ▼ Asset Accounting
 - > Migration: Asset Accounting (New)
 - >  Organizational Structures
 - >  Integration with General Ledger Accounting
 - >  General Valuation
 - >  Depreciation
 - >  Special Valuations
 - >  Master Data
 - >  Transactions
 - >  Information System
 - >  Asset Data Transfer
 - ▼  Preparations for Going Live
 - >  Authorization Management
 -   Check Consistency
 - >  Production Startup
 - ▼  Tools
 -   Reset Company Code
 -   Execute/Undo Year-End Closing
 - >  Overview for Experts

OAVH

Change View ""Maint. of period control"": Overview

 New Entries       

FV	Per	Name for Period Control	Year	Mo	Dy	Period	MidMonth	Period
T2	01	Pro rata at period start date	2023	0	0	9	<input type="checkbox"/>	↑
V3	01	Pro rata at period start date		0	0		<input type="checkbox"/>	↓
V3	02	Pro rata upto mid-period at period start date		1	15	9	<input type="checkbox"/>	

FAA_CMP

Display Settings for Company Code in Asset Accounting

FI-AA Company Codes Text

- Company Code
- 1010 Company Cod
- 1710 Company Cod
- EG02 MobileCo Egv
- OL Ledger OL

General Information

Company Code **EG02** MobileCo Egypt Chart of Accounts **MO02** Mobile Company

Country/Region Key **EG** Ledger **OL** Ledger OL

Ledger Settings

Ledger **OL** Ledger OL Fiscal Year Variant **T2** Team 2 FYV

Highest F. Year **2023**

Depreciation Area Settings

Close Reopen

Select Entry	Dep...	Name of Depreciation Area	Cl.FY	Last Day in Cl. FY
<input type="checkbox"/>	1	Book depreciation	2022	30.06.2023

- Create asset.

Create Asset: Initial screen

Master data

Depreciation areas

Asset Class **2550**

Company Code **EG02**

Number of Similar Assets **1**

Reference

Asset

Subnumber

Company Code

Post-capitalization ☐

Create Asset: Master data


Asset values Recalculate values

Asset: **INTERN-00001** **0** Phone Holder Machine

Class: **2550** EG02 Machines Asset Company Code: **EG02**

General Time-dependent Assignments Origin Deprec. Areas

General Data

Description: **Phone Holder Machine** 

Asset Main No. Text: Phone Holder Machine

Account Determ.: **2550** EG02 Machines

Serial number:

Inventory Number:

Quantity:

☐ Manage historically

Inventory

Last Inventory On: ☐ Include asset in inventory list

Inventory Note:

Posting information

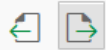
Capitalized On: Deactivation on:

First Acquisition on:

Acquisition Year: **000**

SAP-FI-Case Study

Create Asset: Master data



Asset values

Recalculate values

Asset **INTERN-00001** **0** Phone Holder Machine
Class **2550** EG02 Machines Asset Company Code **EG02**

General

Time-dependent

Assignments

Origin

Deprec. Areas

Interval from 01.01.1900 to 31.12.9999

Business Area Cost Center **2000**

Marketing Cost Centr

Location Room Profit Center **DUMMY**

Dummy Profit Center

Segment

Create Asset: Master data



Asset values

Recalculate values

Asset **INTERN-00001** **0** Phone Holder Machine
Class **2550** EG02 Machines Asset Company Code **EG02**

General

Time-dependent

Assignments


Origin

Deprec. Areas

Valuation

Deact	A... Depreciation area	DKey	UseLife	Prd	ODep Start
<input type="checkbox"/>	01Book deprec.	LINS	<input type="text"/>	1	1
<input type="checkbox"/>	02Spec.tax dep	LINS	<input type="text"/>	1	1

OA84

Generate Period Control Rules	
	
Fiscal Year Variant	<div>T2</div>
From Calendar Year	2023
<input type="checkbox"/> Test Run	

What is period control rules?

The asset 110000000 0 is created

Change Asset: Master data

Asset values Recalculate values

Asset

110000000

0

Phone Holder Machine

Class

2550

EG02 Machines Asset

Company Code

EG02

General

Time-dependent

Assignments

Origin

Deprec. Areas

Valuation

Deact	A... Depreciation area	DKey	UseLife	Prd	ODep Start
<input type="checkbox"/>	01Book deprec.	LINS		1	1
<input type="checkbox"/>	02Spec.tax dep	LINS		1	1

Performance Assistant

Customizing inconsistency (contact your system administrator)

Message No. AC496

Diagnosis

Company code EG02 manages parallel currencies in Asset Accounting. For each area that posts automatically online to FI, you have to define one dependent depreciation area that also is assigned to currency type 30 and currency USD. There is no depreciation area of this type defined for depreciation area 01.

Procedure

Check your Customizing settings.

First reset from OABL

Then removed assignment from company code.

Because we had controlling area currency, but we switched it with group currency.

[illegible]

Faced inconsistency error while assigning the COD to my company code.

Conversion was missing for group currency.

New Entries: Overview of Added Entries

Dialog Structure

- Currency Types
- Global Currency Conversion
- Currency Conversion Settings
- Ledger
 - Company Code Settings for
 - Accounting Principles for

Currency Conversion Settings for Company Codes

CoCd	Company Name	C.. Currency type	Currency	S.. Source currency type	Exch. Rate Type	Trans.Date Type	Real-Time Conversion
EG02	MobileCo Egypt	30 Group Currency	USD	00 Document Currency	M Standard trans1.	Translation date	✓
		✓		✓			✓
		✓		✓			✓
		✓		✓			✓
		✓		✓			✓

Then assignment done.

Change View "Maintain company code in Asset Accounting": Overview

CoCd	Company Name	Chrt dep	Description
EG02	MobileCo Egypt	MC02	Mobile Company Chart of Depreciation
EG05	team5		

Ledger Settings

Ledger	0L	Ledger 0L	Fiscal Year Variant	T2	Team 2 FYV
Highest F. Year	2023				

Depreciation Area Settings

Close

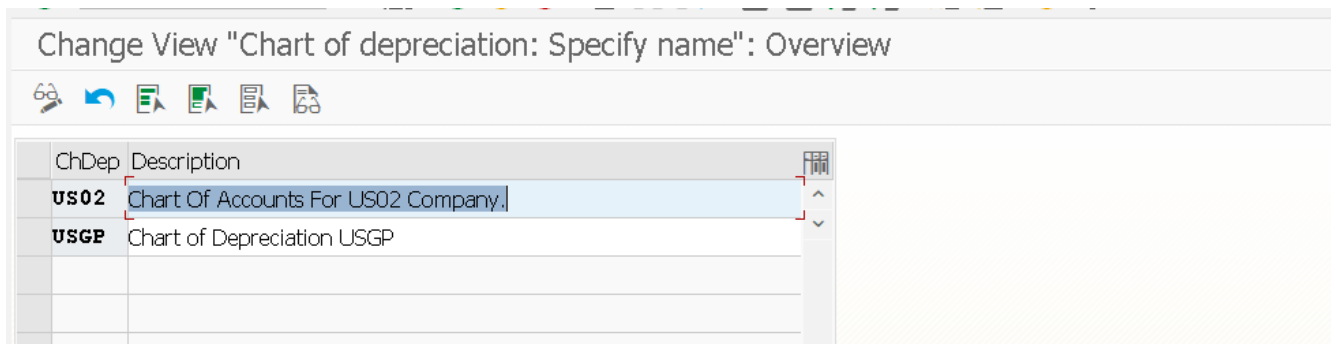
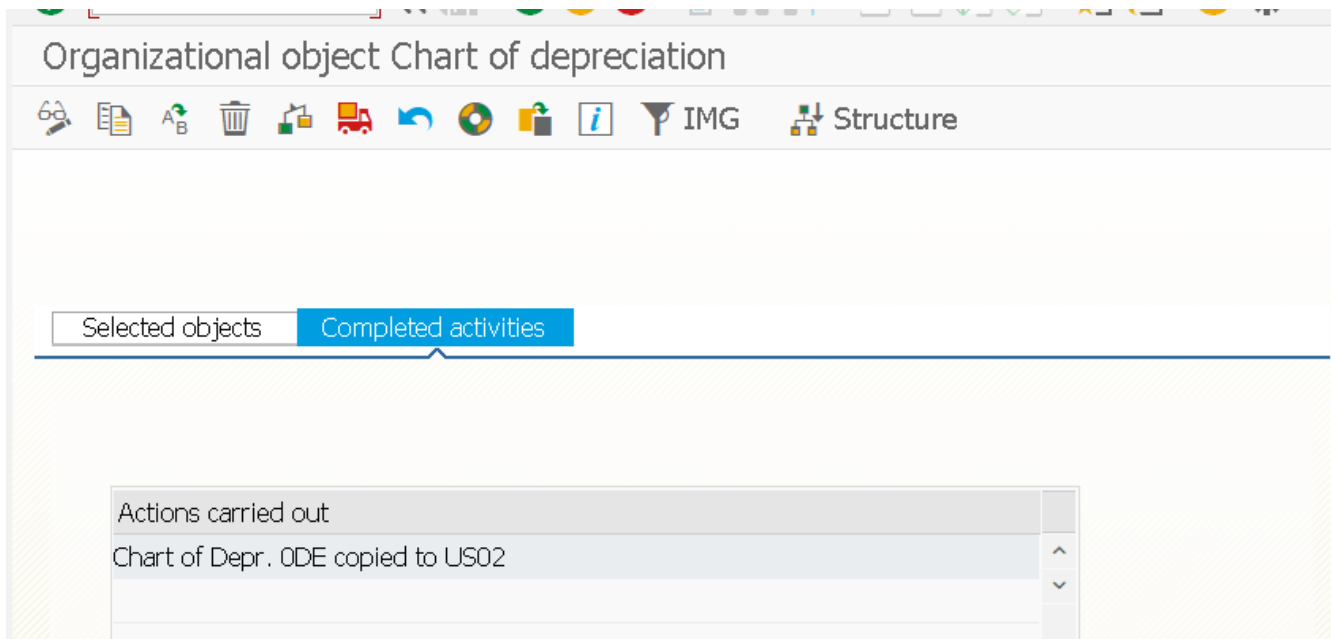
Reopen

Select Entry	Dep...	Name of Depreciation Area	Cl.FY	Last Day in Cl. FY
<input type="checkbox"/>	1	Book depreciation	2022	30.06.2023

The asset 110000000 0 is created

SAP-FI-Case Study

- **Now creating another chart of depreciation to my other company code and go with the steps of configuring asset class let's do it for company code "US02".**



Change View "Country/Region Global Parameters": Details

New Entries

Country/Reg.

US

General Data

Alternative Key

400

Country/Region

USA

Country/Region Name

USA

Nationality

American

Nationality (Long)

American

Vehicle Ctry/Reg Key

USA

Language Key

EN

English

Index-Based Currency

Hard Currency

EUR

Properties

EU Country

☐

GCC Country

☐

Trade Stat.Short Name

USA

ISO code

TR

Define currency conversion for group currency to my company code US02.

New Entries: Overview of Added Entries

All Table Views

Dialog Structure

- Currency Types
- Global Currency Conversion
- Currency Conversion Setting
- Ledger
 - Company Code Settings for
 - Accounting Principles for

Currency Conversion Settings for Company Codes

CoCd	Company Name	C... Currency type	Currency	S... Source currency type	Exch. Rate Type	Trans.Date Type	Real-Time Conversion
US02	MobileCo United States	30 Group Currency	USD	00 Document Currency	M Standard transl.	Translation date	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>

63

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63

Change View "Chart of depreciation: Specify name": Overview

ChDep	Description
UK02	Chart Of Accounts For UK02 Company.
US02	Chart Of Accounts For US02 Company.
USGP	Chart of Depreciation USGP

SAP-FI-Case Study

Change View "Set Up Parallel Currencies": Overview

Chart of Depr. **UK02**

Set Up Parallel Currencies

Ar.	Dep. Area	Currency/Valuation T	ValAd	IdAPC	TTr	IdhtTrm
1	Book deprec.		0	<input type="checkbox"/>	0	<input type="checkbox"/>
30	Grp.loc.curr	30 Group Currency	1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
31	Tax Reportin		1	<input type="checkbox"/>	1	<input type="checkbox"/>

- **When assigning COD to company code it says tax not defined for non-taxable transactions**

Change View "Allocate Co.Cd. -> Non-Taxable Transactions": Overview

CoCd	Company Name	City	Input T...	Output ...	Jurisdic. C...
UK02	MobileCo United Kingdom	London	P0	S0	<input type="checkbox"/>
UK05	team5	london			
UK23	MobileCo UK Group	London	E1	E2	
US01	Country Template US	U.S.A.	V0		
US02	MobileCo United States	New York			
US05	team5	new york			
US23	MobileCo US Group	New York	E1	E2	
VE01	Country Template VE	Venezuela	V0	A0	
ZA01	Country Template ZA	South Africa	V0	A0	
ZMED	Med pharma	Tanta	V0	A0	

SAP-FI-Case Study

Change View "Maintain company code in Asset Accounting": Overview			
CoCd	Company Name	Chart dep	Description
UK02	MobileCo United Kingdom	UK02	Chart Of Accounts For UK02 Company.
UK05	team5		
UK23	MobileCo UK Group	EG23	Mobile Co. Chart of Depreciation
US01	Country Template US		
US02	MobileCo United States		
US05	team5		
US23	MobileCo US Group	EG23	Mobile Co. Chart of Depreciation
VE01	Country Template VE		
ZA01	Country Template ZA		

- Preparation in creating asset class.

New Entries: Overview of Added Entries	
Acct. determ.	Name of Account Determination
2560	UK02 Electronics

Change View "Asset Accounting: Screen layout for master..": Overview	
Scr...	Name of screen layout rule
2560	UK02 Electronics Screen Layout

Edit Intervals: Asset Number, Object ANLAGENNR, Subobject UK02				
Number Range No.	From No.	To Number	NR Status	External
01	000110000000	000119999999	0	<input type="checkbox"/>

New Entries: Details of Added Entries

Asset Class **2560** UK02 Electronics Asset Class

Short Text UK02 Electronics

Asset type

Account Determ.	2560	UK02 Electronics
Scr.layout rule	2560	UK02 Electronics Screen Layout
Base Unit		

Number assignment

Number Range	01
External sub-no	<input type="checkbox"/>

Inventory data

☐ Include Asset

- Define default chart of depreciation to my asset class.

New Entries: Details of Added Entries

Asset Class **2560** UK02 Electronics Asset Class

Chart of Depr.

Dialog Structure

- Asset class selection
 - Chart-of-depreciation-dep

Chart-of-depreciation-dependent data

Control entries	
Screen Layout Rule	2560
Account Determinatio	2560

Ch.-of-dep.-indep. data

Control entries	
ScrnLayout	2560
Acct.Detrm	2560

Technical entries

Created By	SAP19	Changed By	
Created On	06.03.2024	Changed On	

SAP-FI-Case Study

Change View "Depreciation areas": Overview

Dialog Structure

- Asset class
 - Depreciation areas

Asset Class **2560** UK02 Electronics Asset Class
 Chart of Depr. **UK02** Chart Of Accounts For UK02 Company.

Ar.	Dep. Area	Deact	DepKy	Use	Per	Index	Layout
01	Book deprec.	<input type="checkbox"/>	LINA	2	2		1000
30	Grp.loc.curr	<input type="checkbox"/>	LINA	2	2		1000
31	Tax Reportin	<input type="checkbox"/>	LINA	3	3		1000

Change View "Balance Sheet Accounts": Details

Dialog Structure

- Chart of Accounts
 - Account Determination
 - Balance Sheet Accounts
 - Depreciation
 - Special Reserves

Chart of Accts **MO02** Mobile Company
 Account Determ. **2560** UK02 Electronics
 Deprec. area **1** Book Depreciation Area

Acquisition account assignment

Bal.Sh.Acct APC	2000510	electronics
Acquisition: Down Payments		
Contra account: Acquisition value		
Down-payments clearing account		
Acquisition from affiliated company		
Revenue frm post-capitaliz:		

Retirement account assignment

Loss Made on Asset Retirement w/o Reven.	1000500	Loss On Scrap ELCTRS
Clearing Acct. Revenue from Asset Sale		
Gain from Asset Sale	4000015	Gain From Sale ELCTR
Loss from Asset Sale	1000510	Loss From Sale ELCTR
Clear.revenue sale to affil.company		

Revaluation account assignment

Revaluation Acquis. and Production Costs		
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SAP-FI-Case Study

Change View "Depreciation": Details

Dialog Structure

- Chart of Accounts
 - Account Determination
 - Balance Sheet Accounts
 - Depreciation
 - Special Reserves

Chart of Accts: **MO02** Mobile Company
 Account Determ.: **2560** UK02 Electronics
 Deprec. area: **1** Book Depreciation Area

Ordinary depreciation account assignment

Acc.dep. acct. for ordinary depreciation	2000511	Accumulated Dep ELCR
Expense account for ordinary depreciat.	1000502	Depreciation Exp ELC
Expense account for ord. dep. below zero	1000502	Depreciation Exp ELC
Revenue from write-up on ord.deprec.	4000016	Gain From Asset W-UP

Special depreciation account assignment

Accumulated dep. account special dep.		
Expense account for special depreciation		
Expense Account for Spec.Dep.Below Zero		
Revenue from write-up on special deprec.		

Unplanned depreciation account assignment

Accumulated dep. account unpl. deprec.	2000511	Accumulated Dep ELCR
Expense account for unplanned deprec.	1000502	Depreciation Exp ELC
P&L Act.Unpl.Dep.Below 0	1000502	Depreciation Exp ELC
Revenue from write-up on unplnd. deprec.	4000016	Gain From Asset W-UP

Account assignment for transfer of reserves

Val. adj. acct. for transfer of reserves		
Contra account for transferring reserves		
Revenue from w-up transfer of reserves		

- First error while creating an asset.

Create Asset: Initial screen

Master data Depreciation areas

Performance Assistant

Asset Cl...
Company...
Number...
Referen...
Asset...
Subnum...
Compar...

Information about last completed fiscal year is incomplete

Message No. AY159

Diagnosis

For valuation area 31, company code UK02 still does **not** contain information about the last closed fiscal year.

System Response

Processing terminates.

Procedure

Check the last closed fiscal year for the valuation area. You can check this in Customizing for *Asset Accounting* under **Make Settings for Company Code** (transaction **FAA_CMP**).

If the last closed fiscal year is initial, the current error message is rightly issued.

To resolve the problem, check whether the *Legacy Data Transfer* tab contains at least one segment for the legacy data transfer.

- If this is **not** the case, create a segment with a legacy data transfer date.
The system then automatically sets the information for the current and closed fiscal years.
- If there is exactly one segment that is **not** yet closed, try to update the segment by making a change and saving the data.

If it is **not** possible to set a closed fiscal year for the valuation area, contact SAP.

- Solution

Change Settings for Company Code in Asset Accounting

FI-AA Company Codes Text

- Company Code
- 1010 Company Cod
- 1710 Company Cod
- ARAM aramix cpmpe
- EG02 MobileCo Egrp
- EG05 team5
- EG23 MobileCo EG C
- MOEG MobileCo Egrp
- MOSP MobileCo Spai
- MOUK MobileCo UK
- MOUS MobileCo us
- SP23 MobileCo SP G
- UK02 MobileCo Unib
- OL** Ledger OL
- UK23 MobileCo UK C
- OL Ledger OL
- US23 MobileCo US G

General Information

Company Code **UK02** MobileCo United Kingdom Chart of Accounts **MO02** Mobile Company

Country/Region Key **GB** Ledger **OL** Ledger OL

Ledger Settings

Ledger **OL** Ledger OL Fiscal Year Variant **T2** Team 2 FYV

Highest F.Year **2023**


Depreciation Area Settings


Select Entry	Dep..	Name of Depreciation Area	Cl.FY	Last Day in Cl. FY
<input type="checkbox"/>	1	Book Depreciation Area	2022	30.06.2023
<input type="checkbox"/>	31	Depreciation For Tax Authority Reporting	2022	30.06.2023

Done

- There Is no cost center created for company code uk02.

SAP-FI-Case Study


 Create Cost Center: Basic Screen

 Drilldown

Cost Center	3000	Cost Center 1 UK
Controlling Area	MC02	MobileCo Controlling Area
Valid From	01.01.2023	to 31.12.9999


Basic data Control Templates Address Communication History



Names

Name	Cost Center 1 UK
Description	Cost Center 1 UK 

Basic data

User Responsible	
Person Responsible	Mahmoud Eltoukhy
Department	
Cost Center Category	F Production
Hierarchy area	CCG Cost Center Group For Egypt
Company Code	UK02 MobileCo United Kingdom


 Change Asset: Master data

  Asset values Recalculate values

Asset	110000000	0	Coffee Machine
Class	2560	UK02 Electronics	Company Code UK02

General Time-dependent Assignments Origin Deprec. Areas

General Data

Description	Coffee Machine 
Asset Main No. Text	Coffee Machine
Account Determ.	2560 UK02 Electronics
Serial number	
Inventory Number	
Quantity	
<input type="checkbox"/> Manage historically	

Inventory

The asset 110000000 0 is created

US

Change View "Define Depreciation Areas": Overview




Chart of Depr. **US02** Chart Of Accounts For US02 Company.

Define Depreciation Areas					
Ar.	Name of Depreciation Area	Real	Trgt Group	Acc.Princ.	G/L
1	Book Depreciation Area	<input checked="" type="checkbox"/>	0L	GAAP	Area Posts in Real Time
2	Depreciation Area For Group Currency	<input checked="" type="checkbox"/>	0L	GAAP	Area Does Not Post
3	Depreciation Area For Hard Currency	<input checked="" type="checkbox"/>	0L	GAAP	Area Does Not Post

SAP-FI-Case Study

Change View "Company Code Settings for the Ledger": Details

Dialog Structure

- Currency Types
- Global Currency Conversion
- Currency Conversion Setting
- Ledger
 - Company Code Settings for the Ledger
 - Accounting Principles for the Ledger

Ledger: 0L, Ledger OL

Company Code: US02, MobileCo United States

Company Code Settings for the Ledger

Company Code Settings

Fiscal Year Variant: Team 2 FYW

Posting period variant: Mobile Co. Posting Period Variant

Accounting Principle:

Functional Currency:

☐ Parallel Accounting Using G/L Accounts

Local Currency (Legal Valuation) - 1st FI Currency

Currency Type: 10, Company Code Currency (USD - US Dollar)

Source Currency Type: 00

Global Currency (Legal Valuation) - 2nd FI Currency

Currency Type: 30, Group Currency (USD - US Dollar)

Source Currency Type: 00

Freely Defined Currency 1 (Legal Valuation)

Currency Type: 40, Hard Currency (EUR - Euro)

Source Currency Type: 00

Exchange Rate Type: Standard translation at average rate

Transltn Date Type: Translation date

☒ Real-Time Conversion

☒ Deviation in CO

☐ Deviation in AA

☐ Deviation in Matl Ldgr

Currency

Currency

UK23	MobileCo UK Group	30	Group Currency	USD	10	Company Code Currency	M Standard transl..	Translation date		<input checked="" type="checkbox"/>
US02	MobileCo United States	30	Group Currency	USD	00	Document Currency	M Standard transl..	Translation date		<input checked="" type="checkbox"/>
US02	MobileCo United States	40	Hard Currency	EUR	00	Document Currency	M Standard transl..	Translation date		<input checked="" type="checkbox"/>

SAP-FI-Case Study

Change View "Set Up Parallel Currencies": Overview



Chart of Depr.

US02

Set Up Parallel Currencies

Ar.	Dep. Area	Currency/Valuation T	ValAd	IdAPC	TTr	IdntTrm
1	Book deprec.		0	<input type="checkbox"/>	0	<input type="checkbox"/>
2	GroupDEPrep	30 Group Currency	1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>
3	HardDEPrep	40 Hard Currency	1	<input checked="" type="checkbox"/>	1	<input checked="" type="checkbox"/>



Change View "Maintain company code in Asset Accounting": Overview



CoCd	Company Name	Chart dep	Description
US02	MobileCo United States	US02	Chart Of Accounts For US02 Company.
US05	team5		
US23	MobileCo US Group	EG25	Mobile Co. Chart of Depreciation 2
VE01	Country Template VE		
ZA01	Country Template ZA		
ZMED	Med pharma		