

Functional Requirements Document- Fixed Assets

Prepared for
Technica International

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Table of Contents

Contents

1	Introduction.....	2
1.1	Purpose	2
1.2	Acronyms.....	2
1.3	Current Setup for Technica ERP project.....	3
1.4	Fixed Asset.....	3
1.5	Fixed Assets groups	3
1.6	Fixed Assets Posting Profile	4
1.7	Depreciation Profile	5
1.8	Depreciation Books.....	6
1.9	Requirements	7
2	Fixed Assets Business Processes List	8
2.1.	Processes List.....	8
3	Business Processes.....	9
3.1.	FA-001 Fixed Asset Creation to Acquisition to Disposal.....	9
	Process Diagram	9
	TO-BE Process Overview.....	9
3.1	FA-001-01 Fixed asset creation automatic Via PO Receipt	9
3.2	FA-001-02 Fixed asset creation Manually with Stocked Item.....	11
3.3	FA-001-03 Fixed asset Acquisition	12
3.4	FA-001-04 Fixed asset Depreciation.....	13
3.5	FA-001-05 Fixed asset Disposal (Sales & Scrap)	15
3.6	FA-001-06 Fixed assets Transfer	19
3.7	Requirements	20
3.8	FA-002 Inquiries & Reports.....	20
3.9	Requirements	23
	DOCUMENT APPROVALS.....	24

1 Introduction

1.1 Purpose

The Functional Requirements Document (FRD) describes in common terms:

- An overview of the processes comprising each Work stream
- An overview of each sub-process comprising the Work stream
- Major gaps between the business requirements and the functionality supported by the standard Microsoft Dynamics 365 solution
- The problem summary including current business/environment issues

The FRD is the starting point of the solution and system development and is a collaborative effort between all business and technology stakeholders. The purpose of the Functional Requirements Document (FRD) is to document requirements for the requested system solution.

The objective of the Functional Requirements Document is to provide enhanced documentation for requirements that are a gap or will require a workaround or process change to fit the system solution of the client. The need for any modifications is clarified through the FRD. The FRD forms the basis of the subsequent task concerning the system design.

This document focuses on Fixed Assets requirements.

1.2 Acronyms

Abbreviation	Explanation
FRD	Functional Requirement Document
FA	Fixed Assets
System	Dynamics 365

1.3 Current Setup for Technica ERP project

1.4 Fixed Asset

Technica's Fixed asset list will be imported into Dynamics 365 after collecting their data using Excel Sheet Templates. Technica's will follow an automatic number sequence for new Fixed asset creation.

Assets are created manually from fixed asset module.

Technica requested to add automation on fixed asset creation (which is out of the box):

- On receipt the asset will be created
- On the invoice issuance, the asset will be acquired

In order to do that, below setup should be enabled 1st

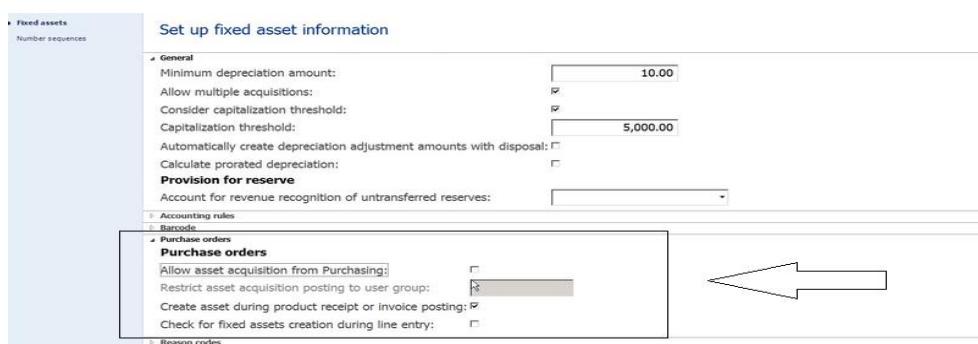


Figure 1 – Fixed asset setup parameter

Then, enable the setup of fixed asset in the procurement and sourcing menu “Business rules for fixed asset determination” → The purpose here is to link a certain fixed asset group to procurement category.

- Technica team will work on the mapping of procurement category with the related fixed asset group and send us the data during the migration phase.

1.5 Fixed Assets groups

Multiple fixed asset groups can be created to simplify the setup of assets and to be used while inquiring and reporting.

Each fixed asset group can have:

- A unique sequence number that will be used to allocate a primary identifier to its related fixed assets.
- A service life in number of years (can be decimal) to be used by the fixed assets within the group.

Below are the Fixed assets Groups that will be used by Technica:

- Computer Software
- Constructions
- Industrial Equipment
- Industrial Tools
- Vehicles
- General Installations
- Office and Computer Equipment
- Office Furniture
- Transportation Equipment's

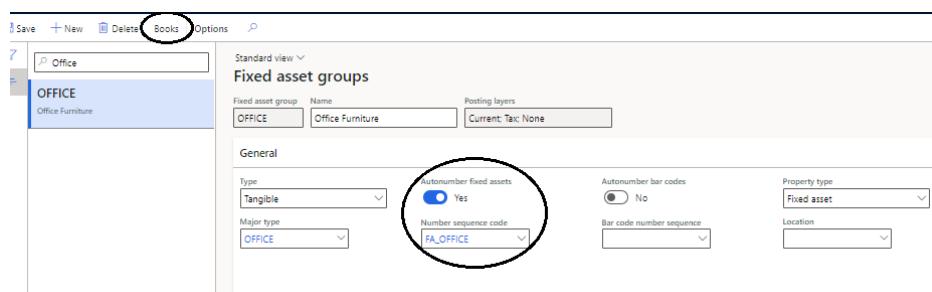


Figure 2 – Fixed asset groups

Every fixed asset group is linked to a depreciation book with specific service life in years, and depreciation periods in months and depreciation profile:

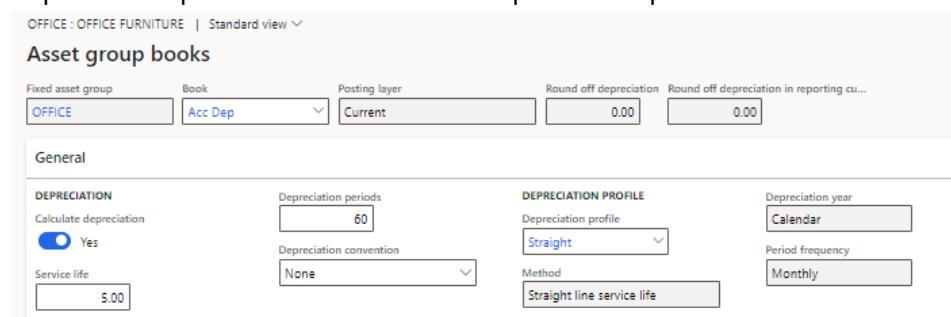


Figure 3 – Asset group book

1.6 Fixed Assets Posting Profile

Posting profiles specify the ledger accounts that are affected when fixed asset transactions are posted. You can select different ledger accounts for each type of asset transaction.

Technica will be using one Posting Profiles "ALL" for different Value models.

- The setup is by book by fixed asset group by account.

Fixed asset posting profiles

Posting profile ALL Description FA General Posting Profile

Ledger accounts

+ Add Remove

Acquisition

Book	Groupings	Account relation	Main account	Offset account
150_SLLR	All		180100	300160
200_SLLR	All		180100	300160
CONSUM	All		180100	300160
INTANGIB	All		180140	300160
R8_SLLR	All		180100	300160
SLLR	All		180100	300160

Figure 4 – Fixed asset posting profile (Ledger Account)

Technica will be using as well, the functionality of disposal fixed asset in case of scrap or sales.

- For scrap, it will use journals having related setup (shown below in screen shot). and in case of asset sold, will be using nontrade sales invoice “Free text invoice”.

Disposal

+ Add Remove

Sale

Book	Groupings	Account relation	Post value	Sales value type	Main account	Offset account
150_SLLR	All		Depreciation (prior years)	All	180200	801100
150_SLLR	All		Depreciation (this year)	All	180200	801100
150_SLLR	All		Acquisition value	All	180100	801100
150_SLLR	All		Net book value	All	801100	801100
150_SLLR	All		Depreciation adjustments (this y...	All	180200	801100
150_SLLR	All		Depreciation adjustments (prior...)	All	180200	801100

Figure 5 – Fixed asset posting profile (Disposal).

N.B: Account details and setup will be provided by Technica during the migration phase.

1.7 Depreciation Profile

Technica will be using one depreciation Profile “Straight” with method “Straight line life remaining” (Out of the box).

Technica runs depreciation on monthly basis.

Depreciation profiles

Depreciation profile Name

Straight Straight Line

General

DEPRECIATION

Method

Straight line service life

Depreciation year

Calendar

Period frequency

Monthly

Figure 6 – Depreciation Profiles

System will bring the suggested depreciation and can be changed manually. In case, changed manually, it will update the remaining amount for future depreciation.

1.8 Depreciation Books

Technica will be using two depreciation Books for different depreciation profile:

- Accounting depreciation (AccDep).

Standard view ▾

Books

Book Description

General

DEPRECIATION

Calculate depreciation Yes

Depreciation profile

Alternative depreciation profile

Extraordinary depreciation profile

Round off depreciation

Round off depreciation in reporting cu...

Leave net book value at

Leave net book value at reporting curr...

Create depreciation adjustments with ... Yes

Allow posting automatic adjustment. No

Post to general ledger Yes

Posting layer

Allow net book value higher than acq... No

Allow negative net book value No

Calculate positive depreciation No

Calendar

Figure 7 – Depreciation Book

- The other book is still under checking internally by Technica finance manager and he shall get back to us with the findings. Technica team was thinking to use for some Depreciation workarounds.
- Later, in case of a moving historical fixed asset related to scrap, or fully depreciated asset. Technica needs to move it with the related status:
 - NBV = 0.00 (status closed)
 - NBV not equal to zero. It is open but can change the status to closed.
 - In case, Technica moved historical with remaining NBV, the depreciation will be run based on the remaining values and period left.
 - In case, of non-used depreciation, we can simply uncheck the check box "Depreciation" from the related asset book.

Books | OFFICE-000003 : POSTAGE MACHINE | My view ▾

New Record

BOOK

Book

Posting layer

Round off depreciation

ROUND OFF DEPRECIATION

Migrated asset No

CHECK NET BOOK VALUE

Allow net book value higher than acq... No

BALANCE

Status

Posting profile

ACQUISITION

Acquisition date

Acquisition price

Acquisition price in reporting currency

ISSUE

Disposal date

Sales value

Replacement date

PROVISIONS

Type

Depreciation

DEPRECIATION PROFILE

Depreciation profile

Method

Depreciation year

Period frequency

Calculate depreciation Yes

ALTERNATIVE DEPRECIATION PROFILE

Depreciation profile

EXTRAORDINARY DEPRECIATION PROFILE

Extraordinary depreciation profile

DEPRECIATION

Calculate depreciation Yes

Placed in service

Depreciation run date

Date when depreciation was last run

Service life

Depreciation periods

Depreciation period remaining

Expected scrap value

Expected scrap value in reporting curr...

EXTRAORDINARY DEPRECIATION

Depreciation convention

Allow depreciation when placed in ser... No

Create depreciation adjustments with ... Yes

Allow posting automatic adjustment. No

Figure 8 – Asset book

1.9 Requirements

ID	Desc	Fit/GAP
001-001	Fixed asset creation	FIT
001-002	Define Fixed asset group	FIT
001-003	Define Fixed Asset Posting Profile	FIT
001-004	Define Depreciation Profile & Depreciation Books	FIT

2 Fixed Assets Business Processes List

2.1. Processes List

To elaborate and define the functionality, the following processes have been presented in the subsequent sections:

Process ID	Name	Description
FA-001	Fixed Asset Creation to Acquisition to Disposal	Fixed Asset Creation to Acquisition to Disposal
FA-001-01	Fixed asset creation automatic Via PO Receipt	Fixed asset creation automatic Via PO Receipt
FA-001-02	Fixed Asset creation Manually with Stocked Item	Fixed Asset creation Manually with Stocked Item
FA-001-03	Fixed asset Acquisition	Fixed asset Acquisition
FA-001-04	Fixed Asset Depreciation	Fixed Asset Depreciation
FA-001-05	Fixed asset Disposal (Sales & Scrap)	Fixed asset Disposal (Sales & Scrap)
FA-001-06	Fixed assets transfer	Fixed asset transfer
FA-002	Inquiries & Reports	Inquiries & Reports

3 Business Processes

3.1. FA-001 Fixed Asset Creation to Acquisition to Disposal

Process Diagram

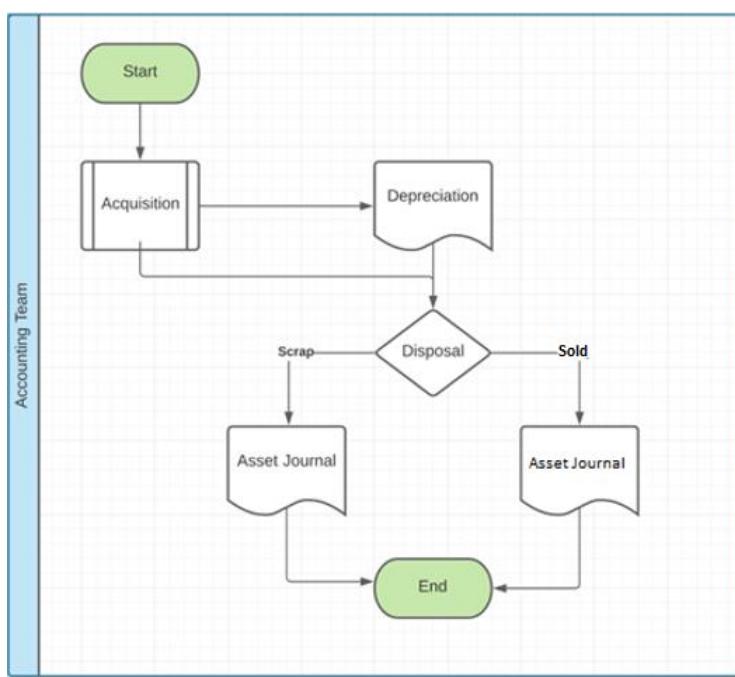


Figure 9 – Process diagram from Asset to disposal

TO-BE Process Overview

3.1 FA-001-01 Fixed asset creation automatic Via PO Receipt

The setup mentioned in section “Fixed asset setup → Business rules for fixed assets determination” will automatically enable the below flag in the purchase order

- In case the user created a PO directly without purchase requisition this solution will be enabled automatically
 - If the setup was missing some procurement category this will not be enabled automatically
 - If the process started with the PO, the user could always enable this feature manually.

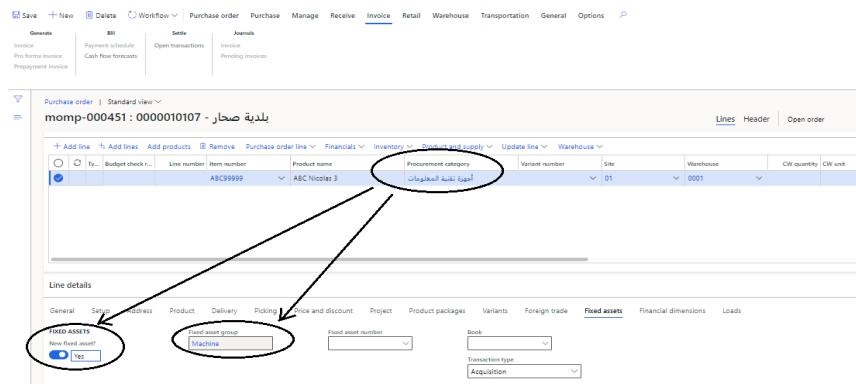


Figure 10 – Purchase order line

- Procurement categories are linked to fixed asset group (**Data needed from Technica**)
- Flag is enabled automatically once the system detect the above setup.
- In case the process was initiated from purchase requisition, the requester should enable this flag from the PR and place the related asset group so that when it reaches the PO it will be flagged automatically.
 - If not enabled from the PR, then it will reach the PO not enabled.
 - The user will not be able to enable it from PO, it will be locked.
- So once the flag is enabled automatically, after that the user will receive the product.
- Once the order is received → asset will be created and the below Asset# will be shown here:

General	Setup	Address	Product	Delivery	Picking	Price and discount	Project	Product packages	Variants	Foreign trade	<u>Fixed assets</u>	Financial dimensions	Loads
FIXED ASSETS											Fixed asset group	Fixed asset number	Book
New fixed asset?	<input checked="" type="radio"/> Yes										Machine	M0007	SL
	<input type="radio"/> No												Transaction type
													Acquisition

Figure 11 – Purchase order line (fixed asset tab)

- Once the purchase order is invoiced → the asset will be acquired (Asset status "Acquired")
- And the asset will be ready to start depreciation.

N.B.

If the user or the requester wants to create many assets at the same time as if Quantity=3:

- If he placed Q=3 on the same line, then it will create 1 asset with Q=3 mentioned in the asset
- If he creates 3 lines, every line Q=1 then this will create 3 different assets with different asset#

3.2 FA-001-02 Fixed asset creation Manually with Stocked Item

In Technica, sometimes they receive a product into the stock then move it as fixed asset. this process always starts by the project module:

- Item received and created in Inventory, then moved to Fixed assets.
 - Having stocked item → Pass normal purchase cycle → Don't enable the auto fixed asset creation. And if it was enabled automatically (as per the configuration), you can disable it.
 - System will normally receive the product as stock in inventory.
 - Later and maybe after 10 days (less or more), the team will have to create the fixed asset manually (without acquisition).
 - Then, when it's time to acquire the asset, you will have to do the following step:
1. First, you must do the setup of creating an inventory journal name (go to Inventory management → Setup → Journal names) and create it with journal type "Fixed asset".

The screenshot shows the 'Inventory journal names' setup screen in 'Standard view'. A new journal entry is being created with the following details:

Name	Description	Journal type
ITFA	Inventory To fixed asset	Fixed assets

General

VOUCHER	POSTING	INVENTORY	COUNTING
Voucher series ITFA	Detail level Details	Reservation Manual	Counting status registration policy Enable counting status registr...
Selection by Posting	Delete lines after posting <input checked="" type="radio"/> No	BLOCKING	APPROVALWORKFLOW
New voucher by Change date	Offset account	Private for user group	Approval workflow <input checked="" type="radio"/> No

STORE INVENTORY

Site	Warehouse
01	0001

Figure 12 – Inventory journal name

2. Second, you will have to pass an "Inventory to fixed asset journal" (you can find it in Fixed assets → Journal entries) and create new journals.

The screenshot shows the 'Create inventory journal' screen. The 'IDENTIFICATION' section has 'Name' set to 'ITFA'. The 'Journal' section shows 'momp-000138' and 'Inventory To fixed asset'. The 'STORE INVENTORY' section shows 'Site' as '01' and 'Warehouse' as '0001'. The 'General' section includes fields for 'VOUCHER' (Voucher series 'ITFA'), 'POSTING' (Detail level 'Details'), and 'Delete lines after posting' (radio button 'No').

Figure 13 – Create inventory journals.

3. Third, a screen will appear to fill the details that represent the item number, the related fixed asset. Then post the transaction.

The screenshot shows the 'Inventory to fixed assets journal' screen for 'momp-000138 : Inventory To fixed asset'. The 'Journal header details' section includes 'VOUCHER' (Voucher series 'ITFA'), 'POSTING' (Detail level 'Details'), and 'Delete lines after posting' (radio button 'No'). The 'Journal lines' section shows a single line entry:

Date	Fixed asset number	Book	Transaction type	Item number	Quantity
4/14/2022	M0005	SL	Acquisition	MOMP000001	1.00

Figure 14 – Inventory to fixed asset journals.

- Once you post the above transaction:
 - The system will automatically reduce the inventory with the quantity chosen (Stock out from the chosen site and warehouse in the transaction mentioned above)
 - The fixed asset chosen in the transaction, will be acquired with the related cost.
- Then, once you have an acquired asset, the depreciation can easily start later, and you may place the responsible person in the asset.
- By that, you will not have any duplicate figure anymore.

3.3 FA-001-03 Fixed asset Acquisition

For workflow → Accountants submit request journal → Chief Accountant approve & Post transaction

This screenshot shows the 'Fixed assets | Standard view' interface. A new asset is being created with the following details:

IDENTIFICATION		DESCRIPTION	TYPE	QUANTITY	ENTRY TYPE	STRATEGIC ITEM
Fixed asset group COMPUTERS	Name Computer HP 1.6V	Type Tangible	Quantity 1.00	Asset activity code	Property group CMPEQLOGST	Strategic Item
Number Comp-00001223	Search name ComputerHP16V	Major type	Unit of measure			
		Property type	Unit cost 0.00			

Figure 15 – Fixed asset creation

- Go to fixed asset journals → click new → FA acquisition journal names.
- And click lines.
- Choose the acquisition type.
- Or just click on Proposals → Acquisition proposal: This is in case you have bulk of assets.

This screenshot shows the 'Fixed asset journal' screen with a new entry:

Date	Voucher	Transaction type	Account Number	Account name	Book	Description	Debit	Credit	Currency	Debi...	Cr...	Reporting ...	Offset account type	Offset account
11/05/2022	FATRX-00...	Acquisition	Comp-00001223	Computer HP 1.6V	SL	Computer HV 2022 Cost	2,600.000		JOD		JOD	Ledger		11108

Figure 16 – Fixed asset Journal

- Click on Post → the fixed asset will be acquired.
- Go to fixed assets → select the fixed asset# comp-00001223 → click books.

This screenshot shows the 'Books | COMP-00001223 : COMPUTER HP 1.6V | Standard view' screen. The 'ACQUISITION' section is highlighted with a circle, showing the acquisition date as 11/05/2022 and the acquisition price as 2,600.00. The 'DEPRECIATION PROFILE' section is also highlighted with a large oval, showing the depreciation profile as 'Straight line service life' and the service life as 5.00 years.

Figure 17 – Asset book

- After acquisition, the financial dimension should be filled in the books.
- If they are not filled the depreciation transaction will not take automatically the financial dimension from the books and the transaction will not get posted.

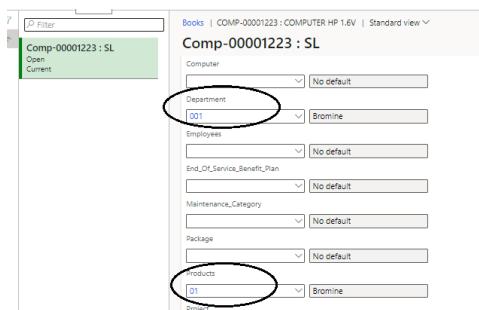


Figure 18 – Asset book / financial dimension

- Click on balances, you will see that the asset is acquired but there is no depreciation yet.

Fixed asset balances			
SPECIFICATION			
Reporting year	Budget model		
All years			
	ACCOUNTING CURRENCY	BUDGET	REPORTING CURRENCY
ACQUISITION	2,600.00	0.00	2,600.000
ACQUISITION ADJUSTMENT	0.00	0.00	0.000
TRANSFER FROM RESERVE	0.00	0.00	0.000
SPECIAL DEPRECIATION ALLOWANCE	0.00	0.00	0.000
DEPRECIATION	0.00	0.00	0.000
DEPRECIATION ADJUSTMENT	0.00	0.00	0.000
EXTRAORDINARY DEPRECIATION	0.00	0.00	0.000
DEROGATORY DEPRECIATION	0.00	0.00	0.000
REVALUATION	0.00	0.00	0.000
WRITE UP ADJUSTMENT	0.00	0.00	0.000
WRITE DOWN ADJUSTMENT	0.00	0.00	0.000
DISPOSAL - SCRAP	0.00	0.00	0.000
DISPOSAL - SALE	0.00	0.00	0.000
PROVISION FOR RESERVE	0.00	0.00	0.000
PROFIT/LOSS	0.00	0.00	0.000
NET BOOK VALUE	2,600.00	0.00	2,600.000

Figure 19 – Asset book Balance

3.4 FA-001-04 Fixed asset Depreciation

We will use the same asset comp-00001223. In this process there is a workflow that is being activated before posting and after journal validation:

→ Accountants submit request journal → Chief Accountant approve & Post transaction.

Fixed assets workflows								
Standard view								
Status	Default	ID	Name	Association	Type	Instances	Active version	
0	✓	000005	Ledger post fixed assets journal workflow / Dep-Disp-Split	JBC	LedgerPostFixedAssetsTe...	0	1.0.3.0	

Figure 20 – Fixed Assets workflow

Go to modules → fixed assets → journal entries → Fixed assets journal.

- Click new and select the journal name of depreciation then click lines.

Standard view								
Fixed asset journal								
Show		List						
Not posted		General Setup Blocking Financial dimensions History						
Journal batch number	↑	Name	Description	Posted	Posted on	Log	I...	In use by
JBC-000069		FA-Dep.	FA Depreciation					

Figure 21 – Fixed Assets Journal

- Select transaction type "Depreciation".
- Click on Proposals → Depreciation proposals.
- The system will automatically bring the related ready asset to be depreciated on a selected date.
- Financial dimensions are filled automatically on the offset account because we already filled them on the financial dimension in the asset book.

JBC-000069 : FA-DEP. Standard view													
Fixed asset journal													
List General Books History													
+ New Delete Voucher Financial dimensions Budget check errors or warnings													
O	C	Date	Voucher	Transaction type	Account Number	Account name	Book	Description	Debit	Credit	Currency	Debi...	Cr...
31/05/2022		FATRX-00...	Depreciation	Computer HP 1.6V	SL	depreciation may 22			29.355	29...	JOD	JOD	Ledger
													60908-001-01

Figure 22 – Fixed Assets Journal

- Once submitted it will go in a workflow as mentioned at the beginning to Chief accounting. Once the last approver approved it → Post
- Go to fixed asset books → Balances.

Fixed asset balances

SPECIFICATION
Reporting year Budget model
All years

	ACCOUNTING CURRENCY	BUDGET	REPORTING CURRENCY
ACQUISITION	2,600.00	0.00	2,600.000
ACQUISITION ADJUSTMENT	0.00	0.00	0.000
TRANSFER FROM RESERVE	0.00	0.00	0.000
SPECIAL DEPRECIATION ALLOWANCE	0.00	0.00	0.000
DEPRECIATION	-29.36	0.00	-29.355
	---	---	---

Figure 23– Fixed Assets Balance screen

- Values are shown as depreciated.

3.5 FA-001-05 Fixed asset Disposal (Sales & Scrap)

1. Fixed Assets Scrap:

Following the acquisition of fixed asset and its related depreciation, the transaction types that can be eliminated include an asset's acquisition and accumulated depreciation transactions. Elimination of these transactions affects balance sheet accounts, such as acquisition adjustment, depreciation adjustment accounts.

Also, disposal of an asset has also a workflow same as the workflow of the depreciation

Go to modules → fixed assets → journal entries → Fixed asset journal.

- Click new and select the journal name of disposal then click lines.

Journal batch number	Name	Description	Posted	Posted on	Log	I...	In use by
JBC-000071	FA-Dispose	FA-Disposal					

Figure 24– Fixed Assets Journal

- Click on Proposals → Disposal – scrap.
- The system will automatically bring the related ready asset to be disposed on a selected date.
- It will bring the related offset account as well from the fixed asset posting profile that is predefined as follows.

Acquisition	Book	Groupings	Account relation	Main account	Offset account
150_SLLR	All	All	180100	300160	
200_SLLR	All	All	180100	300160	
CONSUM	All	All	180100	300160	
INTANGIB	All	All	180140	300160	
RB_SLLR	All	All	180100	300160	
SLLR	All	All	180100	300160	

Figure 25 – Fixed Assets Posting Profiles

- Or simply you can choose the asset to be scraped + select transaction type Disposal – scrap.
- To fully dispose an asset, don't enter a value in either debit field or the credit field.

Date	Voucher	Transaction type	Account Number	Account name	Book	Description	Debit	Credit	Currency	Debi...	Cr...	Reporting ...	Offset account type	Offset account
11/05/2022	FATRX-00...	Disposal - scrap	Comp-00001223	Computer HP 1.6V	SL		100			JOD		JOD	Ledger	72102

Figure 26 – Fixed Assets Journal

- Once submitted it will go in a workflow as mentioned at the beginning to Chief accounting.



Figure 27 – Fixed Assets Journal

- Once the last approver approved it → Post
- Go to fixed asset book → Status updated to Scrapped & disposal date = Asset date scrapped

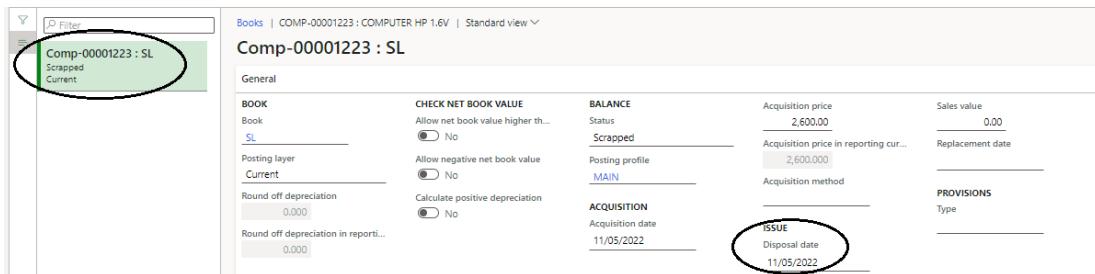


Figure 28 – Fixed Assets book

- Then click on Balances.

Fixed asset balances			
SPECIFICATION			
Reporting year	Budget model		
All years			
		ACCOUNTING CURRENCY	BUDGET CURRENCY
ACQUISITION	2,600.00	0.00	2,600
ACQUISITION ADJUSTMENT	0.00	0.00	(
TRANSFER FROM RESERVE	0.00	0.00	(
SPECIAL DEPRECIATION ALLOWANCE	0.00	0.00	(
DEPRECIATION	-29.36	0.00	-29
DEPRECIATION ADJUSTMENT	0.00	0.00	(
EXTRAORDINARY DEPRECIATION	0.00	0.00	(
DEROGATORY DEPRECIATION	0.00	0.00	(
REVALUATION	0.00	0.00	(
WRITE UP ADJUSTMENT	0.00	0.00	(
WRITE DOWN ADJUSTMENT	0.00	0.00	(
DISPOSAL - SCRAP	0.00	0.00	(
DISPOSAL - SALE	0.00	0.00	(
PROVISION FOR REVERSE	0.00	0.00	(
PROFIT/LOSS	-2,570.65	0.00	-2,570
NET BOOK VALUE	0.00	0.00	(

Figure 29 – Fixed Assets balances

- Click on the journal vouchers transactions → go to fixed asset journal.

JBC-000071 : FATRX-000012 Standard view										
Voucher transactions										
Overview		General								
Journal number	Voucher	Date	Y...	Ledger account	Account name	Description	Currency	Amount in...	Amount	Posting type
JBC-17-000106	FATRX-000012	11/05/2022		72102	Fixed Assets Write Off		JOD	2,570.645	2,570.65	Fixed assets, debit
JBC-17-000106	FATRX-000012	11/05/2022		73504	Fixed Asset Clearance Account		JOD	-2,570.645	2,570.65	Fixed assets, credit
JBC-17-000106	FATRX-000012	11/05/2022		73504	Fixed Asset Clearance Account		JOD	-29.355	29.36	Fixed assets, credit
JBC-17-000106	FATRX-000012	11/05/2022		73504	Fixed Asset Clearance Account		JOD	2,600.000	2,600.00	Fixed assets, debit
JBC-17-000106	FATRX-000012	11/05/2022		11208	Computers & Related Equipment - ...		JOD	29.355	29.36	Fixed assets, debit
JBC-17-000106	FATRX-000012	11/05/2022		11108	Computers & Related Equipment - ...		JOD	-2,600.000	2,600.00	Fixed assets, credit

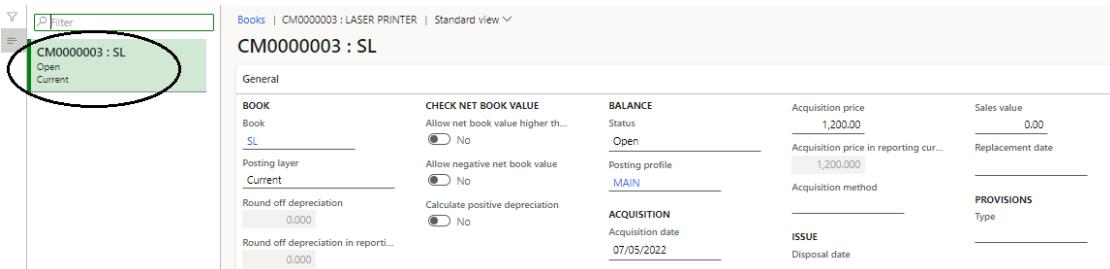
Figure 30 – Fixed Assets voucher transaction

2. Fixed Assets Sold (Free text invoice):

This topic explains how to dispose of a fixed asset using the free text invoice.

Go to Accounts receivable → Invoices → All free text invoices.

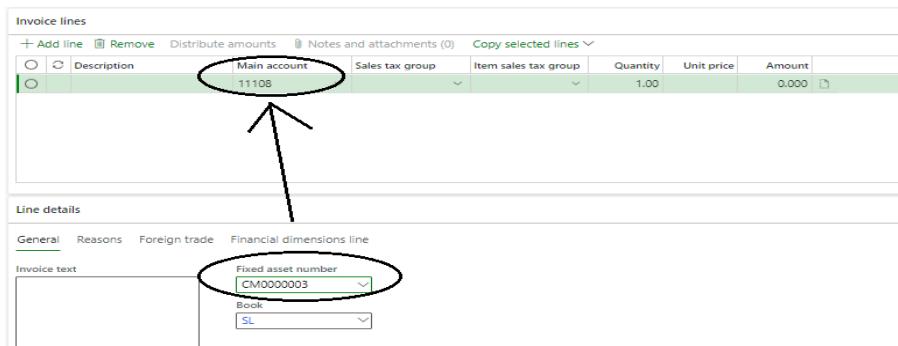
- Select **New**.
- In the **Customer account** field, enter or select a value.
- Validate the default **Invoice** date and edit if applicable.
- Validate remaining default header fields, such as **Currency** and edit if applicable.
- In the **Invoice lines** section, validate the **Description** and **Main account** fields.
 - Main account: no need to fill it will be brought up automatically from fixed asset posting profile (see section 7.4.1.)
 - It is not possible to enter an item number on this kind of invoice.
 - A ledger account for the sale is selected by the user and is displayed on each order line. The system posts the customer balance to the summary ledger account for the posting profile inherited from the customer unless the user specifies a different posting profile on the free text invoice.
- Select the **Line details** section.
- Enter or select a value in the **Fixed asset** field.
 - Fixed asset should be 1st open and acquired already (see below)



BOOK	CHECK NET BOOK VALUE	BALANCE	Acquisition price	Sales value
Book SL	Allow net book value higher th... <input checked="" type="radio"/> No	Status Open	1,200.00	0.00
Posting layer Current	Allow negative net book value <input checked="" type="radio"/> No	Posting profile MAIN	Acquisition price in reporting cur... 1,200.00	Replacement date
Round off depreciation 0.000	Calculate positive depreciation <input checked="" type="radio"/> No	ACQUISITION	Acquisition method	PROVISIONS
Round off depreciation in report... 0.000		Acquisition date 07/05/2022	ISSUE	Type
			Disposal date	

Figure 31 – Fixed Assets Book

- Fill the below data with the correct fixed asset.
- After filling the fixed asset, the book and the main account will be filled automatically (brought up automatically from the fixed asset posting profile

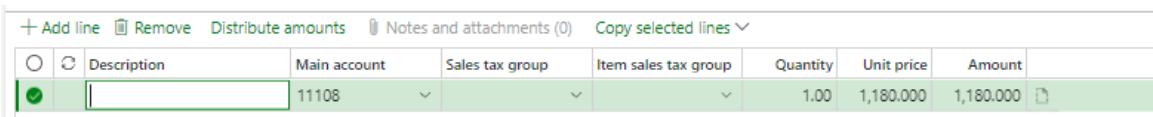


Invoice lines							
+ Add line		Remove	Distribute amounts	Notes and attachments (0)	Copy selected lines		
○	□	Description	Main account	Sales tax group	Item sales tax group	Quantity	Unit price
			11108			1.00	0.000

Line details							
General Reasons Foreign trade Financial dimensions line							
Invoice text							
Fixed asset number CM0000003							
Book SL							

Figure 32 – Free text invoice detail

- Enter the **Unit price** or the **Amount** of the sale of the fixed asset.



Invoice lines							
+ Add line		Remove	Distribute amounts	Notes and attachments (0)	Copy selected lines		
○	□	Description	Main account	Sales tax group	Item sales tax group	Quantity	Unit price
●	□		11108			1.00	1,180.000

Figure 33 – Free text invoice Line

- Select **Post** → Accounting status will be moved to "Completed".

	Invoice	Customer account	Invoice account	Name	Address	One-time ...	Date	Currency	Accounting status	Posted
	R21-001	0002	0002	Albemarie Overseas Empl...			07/05/2022	USD	Completed	✓
	R21-002	0001	0001	THE ARAB POTASH CO. PLC			07/05/2022	JOD	Completed	✓

Figure 34 – Free text invoice

- Fixed asset status will be "Sold".

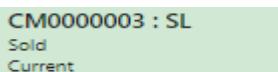


Figure 35 – Asset status from book

- Fixed asset transactions will show the below results:

CM0000003 : SL Standard view ▾						
Fixed asset transactions						
Overview	General	Financial dimensions	History			
○ Voucher	Transaction date	Fixed asset nu...	↑ Transaction type	Amount	Fixed asset group	
○ R21-002	07/05/2022	CM0000003	Disposal - sale	-1,180.00	COMPUTERS	
R21-002	07/05/2022	CM0000003	Net book value	1,183.87	COMPUTERS	
R21-002	07/05/2022	CM0000003	Profit/Loss	-3.87	COMPUTERS	
R21-002	07/05/2022	CM0000003	Acquisition (this year)	-1,200.00	COMPUTERS	
R21-002	07/05/2022	CM0000003	Depreciation (this year)	16.13	COMPUTERS	
FATRX-000001	07/05/2022	CM0000003	Acquisition	1,200.00	COMPUTERS	
FATRX-000005	31/05/2022	CM0000003	Depreciation	-16.13	COMPUTERS	

Figure 36 – Fixed asset transactions

- Fixed asset balances will show the below results. You can check it from (Go to fixed asset → select the asset → click on books → Balances

Fixed asset balances			
SPECIFICATION			
Reporting year	Budget model		
All years			
		ACCOUNTING CURRENCY	BUDGET REPORTING CURRENCY
ACQUISITION		1,200.00	0.00 1,200.00
ACQUISITION ADJUSTMENT		0.00	0.00 0.00
TRANSFER FROM RESERVE		0.00	0.00 0.00
SPECIAL DEPRECIATION ALLOWANCE		0.00	0.00 0.00
DEPRECIATION		-16.13	0.00 -16.129
DEPRECIATION ADJUSTMENT		0.00	0.00 0.00
EXTRAORDINARY DEPRECIATION		0.00	0.00 0.00
DEROGATORY DEPRECIATION		0.00	0.00 0.00
REVALUATION		0.00	0.00 0.00
WRITE UP ADJUSTMENT		0.00	0.00 0.00
WRITE DOWN ADJUSTMENT		0.00	0.00 0.00
DISPOSAL - SCRAP		0.00	0.00 0.00
DISPOSAL - SALE		-1,180.00	0.00 -1,180.00
PROVISION FOR RESERVE		0.00	0.00 0.00
PROFIT/LOSS		-3.87	0.00 -3.871
NET BOOK VALUE		0.00	0.00 0.000

Figure 37 – Fixed asset Balance

- Voucher transactions will be as follows. You may go to free text invoice → select the invoice → invoice journal → select the invoice → click on voucher.

Totals	Voucher	Transactions	Charges	Posted sales tax	Invoice	Options	🔍
Accounting	Ship	Details	Intercompany	Document	Properties		
View distributions	Shipping specifications	Commission transactions	Synchronize batch/serial numbers	View ↴	Electronic document properties		
View accounting	Bill of lading		Generate intercompany invoice	Send ↴			
View historical load data	View historical load data						

Invoice journal R21-002 : 0001									
Standard view ▾									
Filter									
○ Invoice	Invoice account	↑ Name	Sales order	Date	Voucher	Currency	Invoice am...	Intercomp...	Intercom...
● R21-002	0001	THE ARAB POTASH CO. PLC		07/05/2022	R21-002	JOD	1,180.000		

Figure 38 – Invoice Journal

R21-002 : 0001 Standard view ▾										
Voucher transactions										
Overview		General								
Journal number	Voucher	Date	Y...	Ledger account	Account name	Description	Currency	Amount in...	Amount	Posting type
JBC-17-000068	R21-002	07/05/2022		72102	Fixed Assets Write Off		JOD	-1,180.000	1,180.00	Fixed assets, credit
JBC-17-000068	R21-002	07/05/2022		72102	Fixed Assets Write Off		JOD	1,183,671	1,183,671	Fixed assets, debit
JBC-17-000068	R21-002	07/05/2022		73504	Fixed Asset Clearance Account		JOD	-1,183,671	1,183,671	Fixed assets, credit
JBC-17-000068	R21-002	07/05/2022		73504	Fixed Asset Clearance Account		JOD	-16,129	16,129	Fixed assets, debit
JBC-17-000068	R21-002	07/05/2022		73504	Fixed Asset Clearance Account		JOD	1,180,000	1,180,000	Fixed assets, debit
JBC-17-000068	R21-002	07/05/2022		73504	Fixed Asset Clearance Account		JOD	1,200,000	1,200,000	Fixed assets, debit
JBC-17-000068	R21-002	07/05/2022		11208	Computers & Related Equipment - Accumulated Depreciation		JOD	16,129	16,129	Fixed assets, debit
JBC-17-000068	R21-002	07/05/2022		11108	Computers & Related Equipment - Cost		JOD	-1,200,000	1,200,000	Fixed assets, credit
JBC-17-000069	R21-002	07/05/2022		17201	Related Parties-Non Trade Receivables (Europ)	Free text invoice	JOD	1,180,000	1,180,000	Customer balance
JBC-17-000069	R21-002	07/05/2022		11108	Fixed Asset Clearance Account	Free text invoice	JOD	-1,180,000	1,180,000	Customer revenue

Figure 39 – Voucher transactions

3.6 FA-001-06 Fixed assets Transfer

Technica adopted this functionality where they will use this form to transfer the financial dimension values in the asset book from department to another:

Transfer fixed assets

Select books and enter transfer values

Transfer date: 25/07/2023

Transfer comments:

FIXED ASSET BOOKS

Fixed asset number	Book	Posting layer	Value at transfer
BUIL-000001	200_SLLR	Current	2,437,632.00
BUIL-000001	T_200_SLLR	Tax	2,649,600.00

FROM → **To**

TRANSFER TO FINANCIAL DIMENSIONS

- BusinessUnit
- CostCenter
- Department: 026 (circled)
- ItemGroup
- Project

Figure 39.1 – Fixed asset transfer form request

Once submitted, D365 will show all the related historical data transfer across all time with the related transfer comments (If any). As shown below (Form name Fixed asset transfer history):

BUIL-000001 : Corporate headquarters Standard view ▾								
Fixed asset transfer history								
Financial dimension transfer history								
Voucher	Transfer date	Book	Value at transfer	Value at transfer in reporting currency	Name	From value	To value	Transfer comments
00001	25/07/2023	200_SLLR	2,437,632.00	2,437,632.00	Department	024	026	

Figure 39.2 – Fixed assets history inquiry

3.7 Requirements

ID	Desc	Fit/GAP
FA001-001	Fixed asset creation automatic via PO receipt	FIT
FA001-002	Auto asset acquisition via purchase order invoicing	FIT
FA001-003	Transfer inventory stock to Asset	FIT
FA001-004	Pass journal inventory to fixed asset	FIT
FA001-005	Create fixed asset acquisition	FIT
FA001-006	Create fixed asset depreciation	FIT
FA001-007	Pass fixed asset disposal scrap via journal	FIT
FA001-008	Pass fixed asset disposal sales via free text invoice	FIT
FA001-009	Fixed assets transfer financial dimensions value from department to another in the asset book	FIT

3.8 FA-002 Inquiries & Reports

Below is lists of out of the box reports and inquiries that will be useful for fixed asset processes:

1. Fixed assets transactions:

Fixed asset transactions						
Standard view ▾						
	Voucher	Transaction date	Fixed asset number	Book	Transaction type	Amount Fixed asset group
	FACR000001	01/01/2015	BUIL-000001	200_SLLR	Acquisition	3,000,000.00 BUILDINGS
	FACR000001	01/01/2015	BUIL-000001	FED	Acquisition	3,000,000.00 BUILDINGS
	FACR000001	01/01/2015	BUIL-000001	STATE	Acquisition	3,000,000.00 BUILDINGS
	FACR000001	01/01/2015	BUIL-000001	T_200_SLLR	Acquisition	3,000,000.00 BUILDINGS
	FACR000038	31/01/2015	BUIL-000001	200_SLLR	Depreciation	-10,000.00 BUILDINGS
	000001	31/01/2015	BUIL-000001	FED	Depreciation	-4,545.45 BUILDINGS
	000013	31/01/2015	BUIL-000001	STATE	Depreciation	-4,545.45 BUILDINGS

Figure 40 – Fixed assets transactions

2. Fixed asset listing report:

Fixed asset listing

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Page 1 of 10
22/06/2023
15:09

Fixed asset group	Fixed asset number	Name	Book	Posting layer	Status	Net book value
BUILDINGS	BUIL-000001	Corporate headquarters	200_SLLR	Current	Open	2,437,632.00
BUILDINGS	BUIL-000001	Corporate headquarters	FED	None	Open	2,680,661.17
BUILDINGS	BUIL-000001	Corporate headquarters	STATE	None	Open	2,636,363.75
BUILDINGS	BUIL-000001	Corporate headquarters	T_200_SLLR	Tax	Open	2,649,600.00
BUILDINGS	BUIL-000002	Production Site 1	200_SLLR	Current	Open	1,779,648.00
BUILDINGS	BUIL-000002	Production Site 1	FED	None	Open	1,800,510.79
BUILDINGS	BUIL-000002	Production Site 1	STATE	None	Open	1,905,090.92
BUILDINGS	BUIL-000002	Production Site 1	T_200_SLLR	Tax	Open	1,779,648.00
BUILDINGS	BUIL-000003	Warehouse Site 1	200_SLLR	Current	Open	1,760,000.04
BUILDINGS	BUIL-000003	Warehouse Site 1	FED	None	Open	1,823,471.08
BUILDINGS	BUIL-000003	Warehouse Site 1	STATE	None	Open	1,890,909.16
BUILDINGS	BUIL-000003	Warehouse Site 1	T_200_SLLR	Tax	Open	1,760,000.04
BUILDINGS	BUIL-000004	Production Site 2	200_SLLR	Current	Open	879,999.96
BUILDINGS	BUIL-000004	Production Site 2	FED	None	Open	911,735.54
BUILDINGS	BUIL-000004	Production Site 2	STATE	None	Open	945,454.58
BUILDINGS	BUIL-000004	Production Site 2	T_200_SLLR	Tax	Open	879,999.96
BUILDINGS	BUIL-000005	Warehouse Site 2	200_SLLR	Current	Open	1,143,999.96

Figure 41 – Fixed assets Listing reports.

3. Fixed assets acquisitions:

Fixed asset acquisitions

Fixed asset details

Page 1 of 9
22/06/2023
15:10

Fixed asset group	Fixed asset number	Fixed asset name	Book	Acquisition date	Acquisition value	Vendor account number	Vendor name
BUILDINGS	BUIL-000001	Corporate headquarters	200_SLR	01/01/2015	3,000,000.00		
BUILDINGS	BUIL-000001	Corporate headquarters	FED	01/01/2015	3,000,000.00		
BUILDINGS	BUIL-000001	Corporate headquarters	STATE	01/01/2015	3,000,000.00		
BUILDINGS	BUIL-000001	Corporate headquarters	T_200_SLR	01/01/2015	3,000,000.00		
BUILDINGS	BUIL-000002	Production Site 1	200_SLR	01/01/2015	2,015,000.00		
BUILDINGS	BUIL-000002	Production Site 1	FED	01/01/2015	2,015,000.00		
BUILDINGS	BUIL-000002	Production Site 1	STATE	01/01/2015	2,015,000.00		
BUILDINGS	BUIL-000002	Production Site 1	T_200_SLR	01/01/2015	2,015,000.00		
BUILDINGS	BUIL-000003	Warehouse Site 1	200_SLR	01/01/2015	2,000,000.00		
BUILDINGS	BUIL-000003	Warehouse Site 1	FED	01/01/2015	2,000,000.00		
R&I INVESTS	R&I-000003	Warehouse Site 1	STATE	01/01/2015	2,000,000.00		

Figure 42 – Fixed assets acquisitions

4. Fixed assets disposal:

Fixed asset disposals

Fixed asset di

Page 1 of 1
22/06/2023
15:10

Fixed asset group	Fixed asset number	Name	Book	Disposal date	Status	Net book value	Sales value	Profit/Loss	Accounting currency
COMP	COMP-000001	Notebook PC	FED	31/01/2017	Sold	242.04	-410.95	-168.92	
COMP	COMP-000001	Notebook PC	SLSL	31/01/2017	Sold	408.25	-410.95	-2.71	
COMP	COMP-000001	Notebook PC	STATE	31/01/2017	Sold	408.45	-410.95	-2.51	
COMP	COMP-000001	Notebook PC	T_150_SLLR	31/01/2017	Sold	27.00	-410.95	-140.96	
COMP	COMP-000006	Wireless bridge	FED	09/07/2020	Sold	0.00	-100.00	-100.00	
COMP	COMP-000006	Wireless bridge	SLSL	09/07/2020	Sold	19.11	-100.00	-80.89	
COMP	COMP-000006	Wireless bridge	STATE	09/07/2020	Sold	19.07	-100.00	-80.93	
COMP	COMP-000006	Wireless bridge	T_150_SLLR	09/07/2020	Sold	0.00	-100.00	-100.00	
COMP	COMP-000016	HP Laptop 15in. 2020	FED	31/12/2021	Sold	730.50	-400.00	-330.50	
COMP	COMP-000016	HP Laptop 15in. 2020	SLSL	31/12/2021	Sold	730.50	-400.00	-330.50	
COMP	COMP-000016	HP Laptop 15in. 2020	STATE	31/12/2021	Sold	730.50	-400.00	-330.50	
COMP	COMP-000016	HP Laptop 15in. 2020	T_150_SLLR	31/12/2021	Sold	730.50	-400.00	-330.50	
COMP	COMP-00026	test-wassim	FED	22/09/2021	Sold	1,000.00	0.00	-1,000.00	
COMP	COMP-00026	test-wassim	SLSL	22/09/2021	Sold	1,000.00	0.00	-1,000.00	
COMP	COMP-00026	test-wassim	STATE	22/09/2021	Sold	1,000.00	0.00	-1,000.00	
FURN_FIX	FURN_FIX-000020	Lifecam HD 5000	T_150_SLLR	22/09/2021	Sold	1,000.00	0.00	-1,000.00	
FURN_FIX	FURN_FIX-000020	Lifecam HD 5000	FED	31/12/2021	Sold	48.64	-40.00	-8.64	
FURN_FIX	FURN_FIX-000020	Lifecam HD 5000	SLSL	31/12/2021	Sold	48.64	-40.00	-8.64	
FURN_FIX	FURN_FIX-000020	Lifecam HD 5000	STATE	31/12/2021	Sold	48.64	-40.00	-8.64	
FURN_FIX	FURN_FIX-000020	Lifecam HD 5000	T_150_SLLR	31/12/2021	Sold	48.64	-40.00	-8.64	
Grand total						7,483.48	-3,803.84	-3,679.64	

Figure 43 – Fixed assets Disposal

5. Fixed assets movements:

Fixed asset movements

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Page 1 of 24
22/06/2023
15:11

From date 01/05/2023 To date 30/06/2023 Currency Accounting currency

Fixed asset group	Fixed asset number	Name									
Book	Status	Posting layer	Acquisition	Bonus	Depreciation	Issue	Revaluation	Write up/down	Profit/Loss	Net book value	
BUILDINGS	BUIL-000001	Corporate headquarters									
200_SLLR	Open	Current	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FED	Open	None	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STATE	Open	None	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
T_200_SLLR	Open	Tax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Fixed asset group	Fixed asset number	Name									
BUILDINGS	BUIL-000002	Production Site 1									
Book	Status	Posting layer	Acquisition	Bonus	Depreciation	Issue	Revaluation	Write up/down	Profit/Loss	Net book value	
200_SLLR	Open	Current	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
FED	Open	None	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
STATE	Open	None	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
T_200_SLLR	Open	Tax	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Figure 44 – Fixed assets movements

6. Fixed assets statement:

Fixed asset statement

Contosddnt System USA

Currency : Accounting currency

Page 1 of 1
22/06/2023
15:12

Row name	Acquisition costs prior years	Acquisition this year	Disposals at acquisition cost this year	Reclassification this year	Depreciation adjustment this year (appreciation this year)	Depreciation and value adjustment this year	Accumulated depreciation and value adjustment	Net book value end of this year	Net book value end of prior year
Land and buildings									
Land	1,101,000.00							1,101,000.00	1,101,000.00
Buildings	11,839,842.83						1,613,421.63	10,226,421.20	10,226,421.20
Tangible									
Computers	142,510.00						5,629.95	176,871.05	176,871.05
Furniture and fixtures	8,650.00						4,104.08	4,545.92	4,545.92
Machinery	31,500.00							31,500.00	31,500.00
Office equipment	27,004.09							21,150.00	5,884.09
Vehicles	269,000.00						71,500.00	193,500.00	193,500.00
Intangible									
Patents	10,000.00						1,999.92	8,000.08	8,000.08

Figure 45 – Fixed assets statement

7. Fixed assets insurance Report:

Fixed asset insurance report

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Page 1 of 3
22/06/2023
15:13

Fixed asset number	Name	Policy number	Insured value	Insurance date 1	Insurance date 2
000001	test		0.00		
BUIL-000001	Corporate headquarters		0.00		
BUIL-000002	Production Site 1		0.00		
BUIL-000003	Warehouse Site 1		0.00		
BUIL-000004	Production Site 2		0.00		
BUIL-000005	Warehouse Site 2		0.00		
BUIL-000006	Production Site 3		0.00		
BUIL-000007	Warehouse Site 3		0.00		
BUIL-000010			0.00		
BUIL-000011	Qnbn Building		0.00		
BUIL-000012			0.00		
BUIL-000013			0.00		
COMP_0004	pc01		0.00		
COMP_0005	Medical Equipment		0.00		
COMP_0006	STP Extended Life Oil Filter S		0.00		

Figure 46 – Fixed assets Insurance report

3.9 Requirements

ID	Desc	FIT/GAP
FA-002-001	Fixed asset transactions	FIT
FA-002-002	Fixed assets listing reports	FIT
FA-002-003	Fixed asset acquisition	FIT
FA-002-004	Fixed asset disposal	FIT
FA-002-005	Fixed assets movement	FIT
FA-002-006	Fixed asset statement	FIT
FA-002-007	Fixed asset insurance report	FIT

DOCUMENT APPROVALS

I have reviewed the information contained in this document and approved it through sign off below:

Name	Department	Date	Signature

Comments:

The specifications and conditions are hereby accepted. Info-Sys is authorized to execute the project as outlined in this document. This document is not valid until signed by the customer representative and returned to Info-Sys.

Signature: _____ Date: _____