

# ERP-1659 System Interface - CurrencyConversionActual. tab interface to Maestro

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## Purpose

The purpose of this document is to define the conversion approach to migrate asset master from legacy systems to the S/4 HANA.

This document consists of links to other documents that support conversion process such as Master Data Standard for Asset master.

Asset master consists of information of Fixed Assets Register including:

- General information such as asset name, asset long text maintained in different languages (TBC), asset class and capitalization date.
- Time Dependent data – Assignment of related data by validity period
- Depreciation terms data - Depreciation keys, useful life and depreciation areas

## Conversion Scope

The scope of this document covers the approach for converting active main and sub asset from Legacy Source Systems into S/4HANA following the Fixed Asset Master Data Design Standard.

This includes:

1. Main and sub assets with:

- Company codes and Plants in scope
- Active assets (deactivation date is blank) or assets that are deactivated in current year (deactivation date is current year)
- Non-Assets under Construction (Line-Item Settlement and Investment Measured) asset classes.

Below is the list of AUC:

Z1100 Intangible-AUC

Z1101 Intangible-R&I under construction

Z1300 Tangible-AUC

Time dependent data in main and sub assets have specific validity period. Only the current validity period of the time dependent data will be migrated.

Fully depreciated asset will be in scope for migration as the asset register may be retained for insurance purposes or tax depreciation purposes.

The data from legacy system includes:

- Main and sub assets with all rules to be met:
  - Company code is in scope AND
  - Plant is in scope if not Blank AND
  - Deactivation date is blank or current year AND
  - Indicator Asset is a group asset (ANLA-XANLGR) is NOT "X" AND
  - One of the 2 following criteria must be met:
    - Posted with values in one of the depreciation areas OR
    - Unposted in all depreciation areas and
      - Appeared in the settlement rules of CAPEX Projects or
      - Appeared in the account assignment category "A" in Open Purchase orders which are deemed relevant for migration

The data from legacy system excludes:

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records

PF2 & WP2	Relevant fixed asset master records extracted from the source system and transformed according to the target data into a pre-load reports.	?	S/4 HANA	?
DCT	Fixed Asset master for non PF2/non WP2 company codes will be populated as target ready values in DCT.	?	S/4 HANA	?
DCT	Fixed Asset master for all financial lease assets will be populated as target ready values in DCT (TBC)	?	S/4 HANA	?

There will be 3 SAP boxes:

- a. CUI box (US, GB, DE)
- b. China box
- c. ROW (Rest of the World) box

Please refer to file "Enterprise Structure Catalog" to see which company codes belongs to which SAP boxes.

In terms of data migration, below is the guideline:

- Non CUI objects : Migration to US system by Syniti
- CUI objects : Manual cleansing/separate migration cockpit (Syniti is not certified)

## Additional Information

### Multi-language Requirement

Asset long text currently maintained in ??? the legacy system will be migrated with respect to Legal/Regulatory requirements onto the permissible logon languages (limited to ???) in S/4HANA.

According to KDD055 (Multi-Language Support), in SyWay project there are 4 core languages (English, French, Italian, and Mandarin) that are supported.

Regarding Fixed Asset Master Data:

- For China entities, fixed asset description will be maintained in English and Mandarin.
- For France entities, fixed asset description will be maintained in English and French.
- For Italy entities, fixed asset description will be maintained in English and Italian.
- Other than China, France and Italy entities, fixed asset description will be maintained in English only.

### Document Management

N/A

### Legal Requirement

TBC

### Special Requirements

## Target Design

The technical design of the target for this conversion approach.

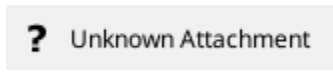
Table	Field	Data Element	Field Description	Data Type	Length	Requirement

## Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System


## Conversion Process

The high-level process is represented by the diagram below:



Process	Activity
<b>Extract</b>	<p>Extract involves collecting data from the source.</p> <p>If the source is a system, Extract means to pull the required data from source systems into repository using ADMM. There are 2 steps for this method:</p> <ol style="list-style-type: none"> <li>Perform full data extraction from relevant asset tables in the source system(s).</li> <li>Apply Relevancy criteria for filtering the data that will be applicable according to Target Design.</li> </ol>
<b>Transform</b>	<p>There are 2 steps of Transform activities that can happen in ADMM:</p> <ol style="list-style-type: none"> <li>Perform mapping and data transformation rules. Some data will need to be mapped to the to-be values and/or updated according to the rules as per design requirement in target system.</li> <li>Prepare load-ready data in the structure and format that is required for loading via standard Load Tool. This step also produces the load data ready for business to perform Pre-load Data Validation.</li> </ol>
<b>Load</b>	<p>This process includes:</p> <ol style="list-style-type: none"> <li>Execute the automated data load into target system using load tool. Note: There may be some cases where the load is done manually as part of business activities. If there is any, the load steps will be specified in section "Load Run Sheet"</li> <li>Once the data is loaded to target system, it will be extracted out and prepared for Post Load Data Validation.</li> </ol>

### Delta Data Management

Any main assets created in the legacy systems (PF2 and WP2) after the full extraction for Mock conversion will be re-extracted again from legacy systems (PF2 and WP2) for each mock or cutover rehearsals.

As data cleansing is performed in PF2 and WP2 to meet SYWAY design standard, each extraction will re-transform extracted data with on-going new unmapped legacy values discovered and mapped.

The transformed fixed assets will be combined with any other assets maintained in the Fixed Asset DCT (Data Collection Template) into the pre-load file for validation.

## Data Privacy and Sensitivity

## Extraction

Extract data from a source into . There are 2 possibilities:

- The data exists. connects to the source and loads the data into . There are 3 methods:
  - Perform full data extraction from relevant tables in the source system(s).
  - Perform extraction through the application layer.
  - Only if ; cannot connect to the source, data is loaded to the repository from the provided source system extract/report.
- The data does not exist (or cannot be converted from its current state). The data is manually collected by the business directly in . This is to be conducted using DCT (Data Collection Template) in

The agreed Relevancy criteria is applied to the extracted records to identify the records that are applicable for the Target loads

## Extraction Run Sheet

Req #	Requirement Description	Team Responsible
1.	Extract all main assets from ANLA table in PF2 and WP2,	Data team
2.	Apply Asset Relevancy criteria on the extracted records.	Data team
3.	Extract Asset long text from STXH and STXL tables of asset master records in Req#2 in PF2 and WP2.	Data team
4.	Extract time dependent data of asset master records in Req#2 above from ANLZ table in PF2 and WP2.	Data team
5.	Extract depreciation terms data of the asset master in Req#2 from ANLB table in PF2 and WP2.	Data team

## Selection Screen

Selection Ref Screen	Parameter Name	Selection Type	Requirement	Value to be entered/set
N/A				

## Data Collection Template (DCT)

Target Ready Data Collection Template will be created for data with exception of some fields which require transformation as mentioned in the transformation rule.

Data collection template will be made available for creation of lease plan assets (TBC) and Non PF2 and WP2 company codes.

DCT Rules

### Fixed Asset Master – General Data/Time Dependent Data

Field Name	Field Description	Rule
ANLA-ANLKL	Asset Class	Must be valid in asset class configuration (table ANKA). Retrieve the asset class description in English from table ANKT.  Please refer to file below for To-Be Asset Classes:  SyWay_asset_classes&fields - Google Sheets
ANLA-BUKRS	Company Code	Must be valid company code in company code configuration (table T001)
ANLA-ANLN1	Asset number	Generated by system
ANLA-ANLN2	Asset sub-number	
ANLA-TXT50	Description	Mandatory
ANLA-TXA50	Additional Asset Description	Optional
ANLA-XLTXID	General long text	Must be X if long text content is populated
STXL-C LUSTD	Raw Data Long text	Field to populate long text content

<b>ANLA-SERNR</b>	Serial number	it's used in SyWay
<b>ANLA-INVNR</b>	Inventory Number	it's used in SyWay
<b>ANLA-MENGE</b>	Quantity	Must be a number and equal or more than 1
<b>ANLA-MEINGS</b>	Base Unit of Measure	Must be populated if Quantity is populated
<b>ANLA-IVDAT</b>	Last Inventory On	Must be in date format
<b>ANLA-INKEN</b>	Include asset in inventory list	Checkbox (Defaulted to "X")
<b>ANLA-INVZU</b>	Inventory Note	
<b>ANLA-AKTIV</b>	Capitalization date	Must be in date format
<b>ANLZ-KOSTL</b>	Cost Centre	Must be valid in cost center DCT
<b>ANLZ-WERKS</b>	Plant	Must be valid in plant assigned to the company code configuration (Table T001K)
<b>ANLZ-STORT</b>	Asset location	Must be valid Location (T499S-STAND) assigned to plant above in configuration (Table T499S)
<b>ANLZ-RAUMN</b>	Room	
<b>ANLZ-KFZKZ</b>	Licence Plate No. of Vehicle	Mandatory if <b>TBC</b>
<b>ANLZ-XSTIL</b>	Shutdown indicator	Checkbox
<b>ANLA-ORD41</b>	Evaluation group 1	Must be valid in Evaluation group 1 in configuration (Tables T087) and Text (Table T087T)
<b>ANLA-ANLUE</b>	Asset Super Number	
<b>ANLA-AIBN1</b>	Original asset	If not blank, must be a valid combination of legacy company code and Asset no. in legacy system.
<b>ANLA-AIBN2</b>	Original sub asset	Original Asset and Original Sub-asset must be unique within the DCT
<b>ANLA-AIBDT</b>	Original Acquisition Date of AuC/ Transferred Asset	Valid date format
<b>ANLA-URJHR</b>	Fiscal Year of Original Acquisition	Numeric value
<b>ANLA-URWRT</b>	Original Acquisition Value	Numeric value
<b>ANLA-POSNR</b>	WBS Element Investment Project	Must be valid in WBS element DCT
<b>ANLA-?</b>	Equipment	There won't be any synchronization switched on between Fixed Assets and Equipments or the other way around. There would be a soft link between equipments and Fixed Assets where the equipment should store the asset ID for plant assets. There won't be a link from Fixed Assets to the equipment hence this has been descoped.

## Fixed Asset Master – Depreciation Terms

Field Name	Field Description	Rule
ANLB-AFABE	Depreciation area	Pre-populate from Asset class configuration
ANLB-AFASL	Depreciation keys	Pre-populate from Asset class configuration Must be valid Depreciation key in configuration table by chart of depreciation.
ANLB-NDJAR	Useful life	Numeric value less than 999
ANLB-NDPER	Useful life in Period	Numeric value (1-12)
ANLB-AFABG	Ord.dep.start date	Valid date format
ANLB-SCHRW_PROZ	Scrap Value %	Numeric value less than 100
ANLB-ANLGR	Group asset	If populated, must be valid Group Asset.

## Extraction Dependencies

Item #	Step Description	Team Responsible
1.	Data cleansing of legacy main assets in the source system to adhere to target design is completed.	Business
2.	Data cleansing of legacy assets where asset that is no longer physically exist will be assessed for retirement is accomplished	Business

## Transformation

The Target fields are mapped to the applicable Legacy field that will be its source, this is a 3-way activity involving the Business, Functional team and Data team. This identifies the transformation activity required to allow to make the data Target ready:

1. Perform value mapping and data transformation rules.
  - a. Legacy values are mapped to the to-be values (this could include a default value)
  - b. Values are transformed according to the rules defined in
2. Prepare target-ready data in the structure and format that is required for loading via prescribed Load Tool. This step also produces the load data ready for business to perform Pre-load Data Validation

## Transformation Run Sheet

Item #	Step Description	Team Responsible
1.	Ensure all the fields that require value mapping, as stipulated in Section "Mapping tables", have the latest signed-off mapping files imported into Syniti Migrate.	Data team
2.	Go to Process Area Launch and Process the Object – Fixed Asset	Data team
3.	Launch the Objects to execute transformation.	Data team
4.	Perform transformation for Group Assets and Main Assets extracted from PF2 and WP2 where target values will be derived from mapping tables.	Data team
5.	Combine the transformed data of extracted main-asset (section "Extraction run sheet") and lease plan main assets populated in DCT (section "Data Collection Template")	Data team
6.	Generate Pre-Load reports in Syniti Migrate.	Data team
7.	Generate data load count in Syniti Migrate.	Data team
8.	Log errors as defects, if any and address resolutions. Close defects.	Data team
9.	Re-transform and re-validate the Pre-load reports if necessary.	Data team
10.	Validate the transformed file as part of pre-load validation, raise data defects or provide the pre-load sign-off.	Business

11.	Analyse and resolve any pre-load defects logged by business.	Data team
12.	Repeat steps 5 to 10 if necessary	Data team

## Transformation Rules

List of all fields in the Target table field to be populated with values according to the Fixed Asset Master Data Standard to facilitate loading into target system.

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1.	PF2 and WP2	ANLA-BUKRS	Company Code	S/4HANA	ANLA-BUKRS	Company Code	Map from source to target by using company code mapping table		
2.	PF2 and WP2	ANLA-ANLKL	Asset Class	S/4HANA	ANLA-ANLKL	Asset Class	Map from source to target via Asset Class mapping table		
3.	PF2 and WP2	ANLA-ANLN1	Asset number	S/4HANA	ANLA-ANLN1	Asset number	System generated number		
4.	PF2 and WP2	ANLA-ANLN2	Asset sub-number	S/4HANA	ANLA-ANLN2	Asset sub-number			
5.	PF2 and WP2	ANLA-TXT50	Description 1	S/4HANA	ANLA-TXT50	Description 1	Copy value from source to target system		
6.	PF2 and WP2	ANLA-TXA50	Description 2	S/4HANA	ANLA-TXA50	Description 2	Copy value from source to target system.		
7.	PF2 and WP2	STXH-SPRAS	Language Key for Asset Long text	S/4HANA	STXH-SPRAS	Language Key for Asset Long text	Target Language Key as per Logon language.		
8.	PF2 and WP2	ANLA-XLTXID	General long text	S/4HANA	ANLA-XLTXID	General long text	Copy value from source to target system.		
9.	PF2 and WP2	ANLA-SERNR	Serial number	S/4HANA	ANLA-SERNR	Serial number	Copy value from source to target system.		
10.	PF2 and WP2	ANLA-MENGE	Quantity	S/4HANA	ANLA-MENGE	Quantity	Copy value from source to target system.		
11.	PF2 and WP2	ANLA-MEINS	Base unit of measure	S/4HANA	ANLA-MEINS	Base unit of measure	Copy value from source to target system.		
12.	DCT or PF2 and WP2?	ANLA-INVNR	Inventory Number	S/4HANA	ANLA-INVNR	Inventory Number			
13.	PF2 and WP2	ANLA-XHIST	Manage historically	S/4HANA	ANLA-XHIST	Manage historically	Default "X" for all assets.		
14.	PF2 and WP2	ANLA-IVDAT	Last Inventory On	S/4HANA	ANLA-IVDAT	Last Inventory On			
15.	PF2 and WP2	ANLA-INKEN	Include asset in inventory list	S/4HANA	ANLA-INKEN	Include asset in inventory list	Extract indicator (INKEN) from table ANKA in target system based on target asset class (ANLKL).		
16.	DCT or PF2 and WP2?	ANLA-INVZU	Inventory Note	S/4HANA	ANLA-INVZU	Inventory Note	Copy values from source to target system if maintained in DCT.		
17.	PF2 and WP2	ANLA-AKTIV	Capitalization date	S/4HANA	ANLA-AKTIV	Capitalization date	Copy values from source to target system.		
18.	PF2 and WP2	ANLA-ZUPER	First Acquisition Date	S/4HANA	ANLA-ZUPER	First Acquisition Date	First Acquisition Date – This will be defaulted with Capitalization date.		
19.	PF2 and WP2	ANLA-DEAKT	Deactivation Date	S/4HANA	ANLA-DEAKT	Deactivation Date	Leave as Blank.		
20.	PF2 and WP2	ANLZ-KOSTL	Cost Centre	S/4HANA	ANLZ-KOSTL	Cost Centre	Map from source (latest validity date) to target via Cost Centre mapping table.		
21.	PF2 and WP2	ANLZ-WERKS	Plant	S/4HANA	ANLZ-WERKS	Plant	Map from source (latest validity date) to target via Plant mapping table.		
22.	PF2 and WP2	ANLZ-STORT	Asset location	S/4HANA	ANLZ-STORT	Asset location	Map from source (latest validity date) to target via Location mapping table.		
23.	PF2 and WP2	ANLZ-RAUMN	Room	S/4HANA	ANLZ-RAUMN	Room	Copy value from source (latest validity date) to target system.		
24.	PF2 and WP2	ANLZ-KFZKZ	License Plate No. of Vehicle	S/4HANA	ANLZ-KFZKZ	License Plate No. of Vehicle	Copy value from source to target system.		
25.	PF2 and WP2	ANLZ-XSTIL	Shutdown indicator	S/4HANA	ANLZ-XSTIL	Shutdown indicator	Copy value from source (latest validity date) to target system.		

26.	PF2 and WP2	ANLA-ORD41	Evaluation group 1	S/4HANA	ANLA-ORD41	Evaluation group 1	Map from source (asset class) to target system via Evaluation Group 1 mapping table		
	PF2 and WP2	ANLA-ORD42	Evaluation group 2	S/4HANA	ANLA-ORD42	Evaluation group 2	Map from source (asset class) to target system via Evaluation Group 2 mapping table		
	PF2 and WP2	ANLA-ORD42	Evaluation group 3	S/4HANA	ANLA-ORD43	Evaluation group 3	Map from source (asset class) to target system via Evaluation Group 3 mapping table		
	PF2 and WP2	ANLA-ORD44	Evaluation group 4	S/4HANA	ANLA-ORD44	Evaluation group 4	Map from source (asset class) to target system via Evaluation Group 4 mapping table		
27.	PF2 and WP2	ANLA-ANLUE	Asset Super Number	S/4HANA	ANLA-ANLUE	Asset Super Number			
28.	PF2 and WP2	ANLA-ANLN1	Asset Number	S/4HANA	ANLA-AIBN1	Original asset number or Original Group Asset number			
29.	PF2 and WP2	ANLA-ANLN2	Asset Sub-Number	S/4HANA	ANLA-AIBN2	Original Sub-Asset	Original Asset sub-number – Populate this field with the legacy PF2 and WP2 Asset sub-number.		
30.	PF2 and WP2	ANLA-AIBDT	Original Acquisition Date of AuC/ Transferred Asset	S/4HANA	ANLA-AIBDT	Original Acquisition Date of AuC/ Transferred Asset	Copy value from source to target system.		
31.	PF2 and WP2	ANLA-URJHR	Fiscal Year of Original Acquisition	S/4HANA	ANLA-URJHR	Fiscal Year of Original Acquisition	Copy value from source to target system.		
32.	PF2 and WP2	ANLA-URWRT	Original Acquisition Value	S/4HANA	ANLA-URWRT	Original Acquisition Value	Copy value from source to target system.		
33.	DCT	ANLA-POSNR	WBS element	S/4HANA	ANLA-POSNR	WBS element	Copy values from source to target system (Lease asset class).		
34.	PF2 and WP2	ANLB-AFABE	Depreciation area	S/4HANA	ANLB-AFABE	Depreciation area	Map from source to target via Depreciation area mapping table.		
35.	PF2 and WP2	ANLB-AFASL	Depreciation Key	S/4HANA	ANLB-AFASL	Depreciation Key	Map from source to target via Depreciation Key mapping table.		
36.	PF2 and WP2	ANLB-NDJAR	Useful Life	S/4HANA	ANLB-NDJAR	Useful Life	Useful life (Years) defaulted from the new asset class will be overwritten with the useful life from legacy system.		
37.	PF2 and WP2	ANLB-NDPER	Useful Life (Period)	S/4HANA	ANLB-NDPER	Useful Life (Period)	Useful life (Period) defaulted from the new asset class will be overwritten with the useful life from legacy system.		
38.	PF2 and WP2	ANLB-AFABG	Depreciation Start date	S/4HANA	ANLB-AFABG	Depreciation Start date	Depreciation start date defaulted from the Capitalization start date will be overwritten with depreciation start date from legacy system.		
39.	PF2 and WP2	ANLB-SCHRW_P ROZ	Scrap value %	S/4HANA	ANLB-SCHRW_P ROZ	Scrap value %	Copy value from source to target system.		
40.	PF2 and WP2	ANLB-ANLGR	Group asset	S/4HANA	ANLB-ANLGR	Group asset	Map from source to target via Group asset mapping table.		
41.	PF2 and WP2	ANLB-INBDA	Operating Readiness	S/4HANA	ANLB-INBDA	Operating Readiness	Copy value from source to target system.		

## Transformation Mapping

List of mapping tables where the legacy values will have to SyWay values.

Mapping Table Name	Mapping Table Description
Company code	Mapping of legacy company code to SyWay company code

<b>Asset Class</b>	Mapping of legacy asset Class to SyWay asset class List of SyWay Asset Classes to be is stored in link below: <a href="#">SyWay_asset_classes&amp;fields - Google Sheets</a>
<b>Cost center</b>	Mapping of legacy cost centre to SyWay cost centre
<b>Internal Order</b>	<b>Mapping of legacy Internal order to SyWay cost centre (TBC)</b>
<b>Plant</b>	Mapping of legacy plant code to SyWay plant code
<b>Location</b>	Mapping of legacy location to SyWay location
<b>Evaluation group 1</b>	???
<b>Investment Reason</b>	Mapping of legacy investment reason codes to SyWay investment reason codes
<b>Depreciation area</b>	Mapping of legacy depreciation areas to SyWay depreciation areas
<b>Depreciation key</b>	Mapping of legacy depreciation key to SyWay depreciation key
<b>Group Assets</b>	Mapping of legacy group asset to SyWay group asset

## Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible
1.	Ensure all the fields that require value mapping, as stipulated in Section "Mapping tables", have the correct values mapped and imported into ADMM.	Data team

## Pre-Load Validation

### Project Team

### Completeness

Task	Action
<b>Generation of Pre-load reports</b>	Pre-load reports will have same structure as of load file with additional columns/attributes if required by business to facilitate validations.  <u>Main Assets:</u>  There will be 3 Pre-load reports generated:  1. Asset Master Main data (General, Time-dependent, Allocations)  2. Asset Depreciation terms data (Depreciation areas, Useful life by Depreciation area and Depreciation Keys)  3. <b>Asset Long Text (if any asset has relevant long text to be migrated) in logon languages</b>

<b>Reconciliation of record count</b>	<p><u>Main Assets</u></p> <p>Total number of main Assets in the extract is compared against total number of main assets in the legacy system.</p> <p>Less:</p> <ol style="list-style-type: none"> <li>1. All main assets under companies and plant or cost centre NOT in Scope.</li> <li>2. Total number of AUCs in the legacy system.</li> <li>3. Non-Relevant records (Deactivated Main Assets, Main assets dropped via Relevancy criteria -refer section 2 Conversion Scope).</li> <li>4. Other constraints/errors.</li> </ol> <p>Add: New main assets populated in DCT</p> <p>Total Number of Records to load:</p> <ol style="list-style-type: none"> <li>1. Asset Master Main data :</li> <li>2. Asset Depreciation terms data: Total number of records for Main assets multiply by the number of depreciation areas defined in the Chart of Depreciation.</li> </ol>
<b>Compliance check</b>	<p>???</p>

## Accuracy

Task	Action
<b>Mandatory field mapping and transformation</b>	<p>Obtain a list of the fields to be populated with values from mapping files (Refer to section "Mapping tables") and ensure all these fields contain S/4HANA values.</p> <p>Review the data report to ensure mapping value is not missing in ADMM.</p> <p>Capture errors in the Data Error report.</p>

## Business

### Completeness

Task	Action
<b>Verify record count in Pre-load reports by region</b>	<p>In legacy system, execute Asset Balances report (S_ALR_87011963 – Asset Balances - by Asset Number) and ensure "Current book value" is selected to obtain a list of active posted assets to be migrated for the companies in scope for each region.</p> <p>Compare the count in this report and assets populated in DCT against the count of main assets to be loaded in Pre-load.</p>
<b>Verify Relevancy rules applied</b>	<p>In Legacy system, execute Unposted Asset report (S_ALR_87012056 - Directory of Unposted Assets) to retrieve the list of unposted assets with deactivation date = Blank. These assets should not appear in the Pre-load report.</p> <p>Leverage the List of Unposted Assets relevant for migration in ADMM for any unposted asset flagged as relevant for migration as the asset fulfils the Relevancy criteria. (Section "Conversion Scope").</p>

### Accuracy

Task	Action
<b>Conversion accuracy</b>	<p>Verify all main assets are transformed accurately as per endorsed transformation/mapping rules.</p> <p>Review List of Error reports in ADMM for any mismatch or missing transformed values.</p>

# Load

The load process includes:

1. Execute the automated data load into target system using load tool or product the load file if the load must be done manually
2. Once the data is loaded to the target system, it will be extracted and prepared for Post Load Data Validation

## Load Run Sheet

Item #	Step Description	Team Responsible
1.	Ensure the load tools are transported into the correct ADMM instance.	Data team
2.	Ensure Pre-load sign-offs are obtained.	Data team
3.	Load main assets with capitalization date.	
4.	Load main assets without any capitalization date as it requires a separate load tool.	
5.	Import the main asset numbers created in S/4HANA and use the original asset number and sub-number = '0' to link the general long text in the load files to the correct asset number in S/4 HANA.	Data team
6.	Load asset Long text using main asset number in S/4HANA.	Data team
7.	Load asset Super number using main asset number in S/4HANA	Data team
8.	Generate the post load reports in ADMM.	Data team
9.	Log errors as defects, if any and address resolutions. Close defects.	Data team
10.	Resolve defects via data update or upload and re-generate post load reports if necessary.	Data team
11.	Business to validate the post load files as part of post-load validation, raise data defects or provide the post-load sign-off.	Data team
12.	Repeat steps 8 to 10 if necessary.	Data team

## Load Phase and Dependencies

Pre Cutover is the phase as to when the load for this object will occur.

## Configuration

Item #	Configuration Item
1.	Company code-related configuration (Chart of Depreciation per country, Plant, Location, Asset Class, Depreciation areas, Depreciation keys, Asset Number Range Interval).
2.	Asset Data Transfer Configuration <ul style="list-style-type: none"> <li>· Transfer date – Last day of the month prior to go-live</li> <li>· Legacy Data Transfer Status = In Preparation</li> <li>· Document type – “UE”</li> </ul>

## Conversion Objects

Object #	Preceding Object Conversion Approach
	list the exact title of the conversion object of only the immediate predecessor – this will then confirm the DDD (Data Dependency Diagram)
1074	Cost Centre Master

## Error Handling

Error Type	Error Description	Action Taken
<b>Configuration</b>	Revaluation values in Depreciation area XX is not allowed.	Engage functional team to expedite and fix the error in the system by allowing Revaluations (Acquisition/Ord.Depreciation) to be posted to the impacted depreciation area/chart of depreciation in transaction code OADB
<b>Invalid Data</b>	Relevant cost centre is not valid in the validity of time dependent data in the Asset master to be loaded.	Check whether the validity of time dependent data in cost centre needs to be changed.

## Post-Load Validation

### Project Team

### Completeness

Task	Action
<b>Reconciliation of Total Record Count</b>	<p>Total number of records loaded for (Main Assets, Depreciation terms) will be generated in the Post-load reports in ADMM.</p> <p><u>Main Assets</u></p> <p>Total no. of Main assets in the Post Load report is compared against total number of main assets in the pre-load reports by region.</p> <p>Less: Any errors during load.</p>
<b>Mandatory fields check</b>	<p>Review the post load file and note the records that failed the mandatory fields check. Below are the mandatory fields:</p> <ul style="list-style-type: none"> <li>· Asset Class</li> <li>· Company Code</li> <li>· Description</li> <li>· <b>Serial Number (for assets of certain classes) TBC</b></li> <li>· Cost Centre</li> <li>· Plant</li> </ul> <p><u>Depreciation terms</u></p> <ul style="list-style-type: none"> <li>· Depreciation Key</li> <li>· Useful Life Year (except for keys *000) and Period (except for keys *0000)</li> <li>· Ordinary Depreciation Start Date</li> </ul>

### Accuracy

Task	Action
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<p><b>Check values in key fields for accuracy</b></p>	<p>Post-load reports will have the same structure as the load file and some additional columns as required to facilitate the post load validation.</p> <p>Leverage on ADMM to create a Post load report that reports S/4 HANA loaded records along with the legacy values side-by-side to allow for 100% check of all these fields in the shortest possible time.</p> <p><u>Main Assets:</u></p> <p>There will be 3 post load reports generated in ADMM for key fields comparison:</p> <ol style="list-style-type: none"> <li>1. Asset Master data (General, Time-dependent, Allocations)</li> <li>2. Asset Depreciation terms data (Depreciation areas, Useful life and Depreciation Keys by Depreciation area)</li> <li>3. Asset Long Text (if any asset has relevant long text to be migrated) in logon languages</li> </ol> <p>Any mismatch will be reported under the Post Load – Error report.</p>

## Business

### Completeness

Task	Action
<p><b>Record Count Check</b></p>	<p>Review the record count report from the Data Team and ensure it is correct by cross-checking with the record count confirmed during Pre-load Business Validations.</p>

### Accuracy

Task	Action
<p><b>Check accuracy of field values</b></p>	<p>Based on the field checks report from the Data Team, conduct a sample check to prove accuracy of the values in S/4 HANA against the source (Pre-load report or PF2 and WP2 system). Suggested sample size is 1 per company code, per asset class.</p>

## Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- Fixed Asset is in scope based on data design and any exception requested by business.
- Asset Master cleansing task is completed.
- All assets flagged for deletion must be deactivated (i.e. populate the deactivation date field).

## See also

## Change log

Version	Published	Changed By	Comment
<p><b>CURRENT (v. 10)</b></p>	<p>Apr 02, 2026 14:40</p>	<p><b>KAVLEKAR-ext, Nihaal</b></p>	<p>Updated the Delta or Full load Requirement section</p>

v. 9	Mar 17, 2026 14:06	<a href="#">KAVLEKAR-ext, Nihaal</a>
v. 8	Mar 17, 2026 13:49	<a href="#">KAVLEKAR-ext, Nihaal</a>
v. 7	Mar 16, 2026 14:18	<a href="#">KAVLEKAR-ext, Nihaal</a>
v. 6	Mar 13, 2026 06:18	<a href="#">KAVLEKAR-ext, Nihaal</a>
v. 5	Feb 18, 2026 15:19	<a href="#">MOHAMOUD-ext, Ahmed</a>
v. 4	Feb 11, 2026 19:10	<a href="#">MOHAMOUD-ext, Ahmed</a>
v. 3	Feb 11, 2026 17:39	<a href="#">MOHAMOUD-ext, Ahmed</a>
v. 2	Feb 11, 2026 17:39	<a href="#">MOHAMOUD-ext, Ahmed</a>
v. 1	Feb 11, 2026 17:34	<a href="#">MOHAMOUD-ext, Ahmed</a>

## Workflow history

Title	Last Updated By	Updated	Status
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There are no pages at the moment.

## Workflow history

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

Apr 10, 2026	Actor	Type	Activity	Version
Approved	 <a href="#">NARAHARI-ext, Bhargavi</a>	State	changed state to <a href="#">Approved</a> at 5:39 pm	v10
Lead Approval	 <a href="#">NARAHARI-ext, Bhargavi</a>	State	gave <i>POD Lead Review</i> approval at 5:39 pm	
Apr 07, 2026				
	 <a href="#">JAIN-ext, Dhiraj</a>	State	changed expiry date to '14 Apr, 2026 09:36 am' at 9:36 am	
	 <a href="#">JAIN-ext, Dhiraj</a>	State	changed state to <a href="#">Lead Approval</a> at 9:36 am	v10
Tech Review	 <a href="#">JAIN-ext, Dhiraj</a>	State	gave <i>Tech Review</i> approval at 9:36 am	
From Mar 13, 2026 to Apr 02, 2026				
	 <a href="#">KAVLEKAR-ext, Nihaal</a>	Edit	updated the page at 6:18 am	