

CNV-1083 Bank Master

Status	Approved
Owner	Prasad Naidu
Stakeholders	NG-ext, Bernard PILLAY-ext, Lawrence

Purpose

The purpose of this document is to define the approach, scope, and rules for the conversion of Bank Master Data from legacy systems into SAP S/4HANA. The Bank Master includes information about House Banks and Bank Directory (External Banks) required for processing payment transactions such as vendor payments, customer refunds, and bank reconciliations.

This conversion ensures that all bank-related master data is available and consistent in the S/4HANA system to support business-critical financial operations post go-live. The data migration encompasses external Banks (from tables like BNKA): Used for storing details of banks globally (e.g., SWIFT, bank address, bank key).

In Syensqo, the bank master data will be loaded and post go-live, the bank master data will be maintained by loading delta changes on a monthly basis.

Conversion Scope

Bank master Data will be migrated from PI2 client to S4

Relevancy Criteria:

- 1) All Bank keys in BNKA table are in scope from PI2
- 2) If there are any duplicate keys in source systems
 - a) Read all the records from table BNKA
 - b) Eliminate Duplicates - Select max(BANKS, BANKL) , All the other fields from the step b by grouping on the fields BANKS, BANKL
- 3) Business is responsible for Data cleansing.

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
PI2	Bank Master	~374000	S4	~374000

Additional Information

Multi-language Requirement

Document Management

Legal Requirement

Special Requirements

Target Design

The technical design of the target for this conversion approach.

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
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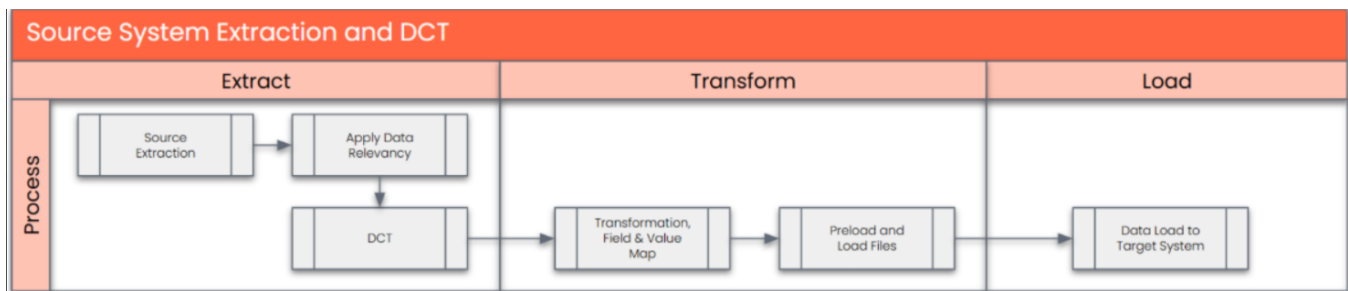
BNKA	BANKS	BANKS	Bank Country/Region Key	CHAR	3	Mandatory
BNKA	BANKL	BANKK	Bank Keys	CHAR	15	Mandatory
BNKA	BANKA	BANKA	Name of Financial Institution	CHAR	60	Mandatory
BNKA	PROVZ	REGIO	Region (State, Province, County)	CHAR	3	Optional
BNKA	STRAS	STRAS_GP	Street and House Number	CHAR	35	Optional
BNKA	ORT01	ORT01_GP	City	CHAR	35	Optional
BNKA	SWIFT	SWIFT	SWIFT-BIC for International Payments	CHAR	11	Optional
BNKA	BGRUP	BGRUP	Bank Group (bank network)	CHAR	2	Optional
BNKA	XPGRO	XPGRO	Post Office Bank Current Account Flag	CHAR	1	Optional
BNKA	LOEVM	LOEVM	Deletion Indicator	CHAR	1	Optional
BNKA	BNKLZ	BANKL	Bank Number	CHAR	15	Mandatory
BNKA	ADRNR	AD_ADDRNUM	Address Number	CHAR	10	Optional
BNKA	BRNCH	BRNCH	Bank Branch	CHAR	40	Optional
BNKA	CHKME	CHECKMETH	Check Digit Calculation Method	CHAR	4	Optional
BNKA	VERS	VERS_BF	Format of File with Bank Data	CHAR	3	Optional
BNKA	BICKY	PRQ_BICKY	Key of a BIC+ data record (Swift)	CHAR	12	Optional

Data Cleansing

NA

Conversion Process

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



Data Privacy and Sensitivity

Extraction

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

1. The data exists. connects to the source and loads the data into . There are 3 methods:
 - a. Perform full data extraction from relevant tables in the source system(s).
 - b. Perform extraction through the application layer.
 - c. Only if ; cannot connect to the source, data is loaded to the repository from the provided source system extract/report.

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
	NA	

Selection Screen

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

Data Collection Template (DCT)

No DCT for this object

Extraction Dependencies

Item #	Step Description	Team Responsible
	NA	

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 Mapping tables, have the latest signed-off mapping files imported into toolMigrate.	Data team
2.	In tool, select the Object Bank Master	Data team
3.	Go to Process Area Launch and Process the Object - Bank Master	Data team
4.	Launch the Objects to execute transformation.	Data team
5.	Monitor the transformation progress and ensure performance and completion is within allowed timeframe	Data team
6.	Generate Pre-Load reports .	Data team

7.	Generate data load count.	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 6 to 11 if necessary	Data team
13.	Proceed to pre-load validations	Data team

Transformation Rules

Rule#	Source System	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	ECC	BNKA	BANKS	Bank Country/Region Key	S/4 HANA	BNKA	BANKS	Bank Country/Region Key	Copy as-is from ECC
2	ECC	BNKA	BANKL	Bank Keys	S/4 HANA	BNKA	BANKL	Bank Keys	Copy as-is from ECC
3	ECC	BNKA	BANKA	Name of Financial Institution	S/4 HANA	BNKA	BANKA	Name of Financial Institution	Copy as-is from ECC
4	ECC	BNKA	PROVZ	Region (State, Province, County)	S/4 HANA	BNKA	PROVZ	Region (State, Province, County)	Copy as-is from ECC
5	ECC	BNKA	STRAS	Street and House Number	S/4 HANA	BNKA	STRAS	Street and House Number	Copy as-is from ECC
6	ECC	BNKA	ORT01	City	S/4 HANA	BNKA	ORT01	City	Copy as-is from ECC
7	ECC	BNKA	SWIFT	SWIFT-BIC for International Payments	S/4 HANA	BNKA	SWIFT	SWIFT-BIC for International Payments	Copy as-is from ECC
8	ECC	BNKA	BGRUP	Bank Group (bank network)	S/4 HANA	BNKA	BGRUP	Bank Group (bank network)	Copy as-is from ECC
9	ECC	BNKA	XPGRO	Post Office Bank Current Account Flag	S/4 HANA	BNKA	XPGRO	Post Office Bank Current Account Flag	Copy as-is from ECC
10	ECC	BNKA	LOEVM	Deletion Indicator	S/4 HANA	BNKA	LOEVM	Deletion Indicator	Copy as-is from ECC
11	ECC	BNKA	BNKLZ	Bank Number	S/4 HANA	BNKA	BNKLZ	Bank Keys	Copy as-is from ECC
12	ECC	BNKA	ADRNR	Address Number	S/4 HANA	BNKA	ADRNR	Address Number	Copy as-is from ECC
13	ECC	BNKA	BRNCH	Bank Branch	S/4 HANA	BNKA	BRNCH	Bank Branch	Copy as-is from ECC
14	ECC	BNKA	CHKME	Check Digit Calculation Method	S/4 HANA	BNKA	CHKME	Check Digit Calculation Method	Copy as-is from ECC
15	ECC	BNKA	VERS	Format of File with Bank Data	S/4 HANA	BNKA	VERS	Format of File with Bank Data	Copy as-is from ECC
16	ECC	BNKA	BICKY	Key of a BIC+ data record (Swift)	S/4 HANA	BNKA	BICKY	Key of a BIC+ data record (Swift)	Copy as-is from ECC

Transformation Mapping

Mapping Table Name	Mapping Table Description

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible

Pre-Load Validation

Project Team

Completeness

Task	Action
Generation of Pre-load reports	
Reconciliation of total	<u>Record Count</u> Summary of Record Counts from Constructed dataset, Valid and Invalid record set.

Accuracy

Task	Action
Mandatory field mapping and transformation	Obtain a list of the fields to be populated with values from mapping files and ensure all these fields contain S/4HANA values. Review the data report to ensure mapping value is not missing in tool. Capture errors in the Data Error report.

Business

Completeness

Task	Action
Verify record count in Pre-load reports	Ensure third party file SWIFTREF used for Bank master is up to date and it is the latest version file.

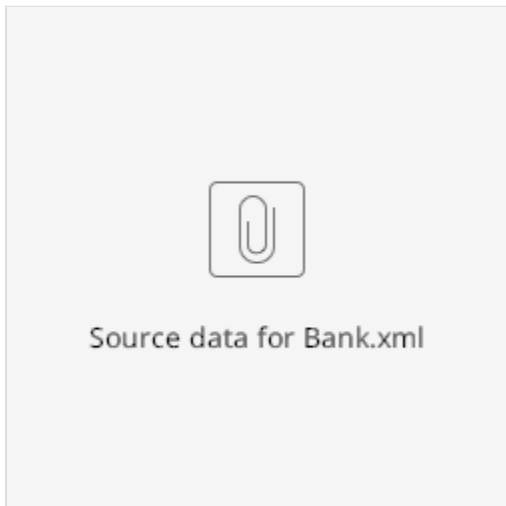
Accuracy

Task	Action

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 tool instance.	Data team
2	Ensure DCTs and all required mappings are submitted and complete	Data team
3	Ensure Pre-load sign-offs are obtained.	Data team
4	Execute tool Trial Balance Upload	Data team
5	Generate the post load reports in tool.	Data team
6	Log errors as defects, if any and address resolutions. Close defects.	Data team
7	Resolve defects by reupload and re-generate post load reports if necessary.	Data team
8	Business to validate the post load files as part of post-load validation, raise data defects or provide the post-load sign-off.	Business
9	Repeat steps 5 to 7 if necessary.	Data team

Load Phase and Dependencies

Configuration

Item #	Configuration Item

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)

Error Handling

Error Type	Error Description	Action Taken

Post-Load Validation

Project Team

Completeness

Task	Action
Reconciliation of Record Count	Confirm all the Bank Master records listed in the Construction file (DCT)/ from the third party SWIFTREF file are loaded

Accuracy

Task	Action
Check values in key fields for accuracy	<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><u>Any</u> mismatch will be reported under the Post Load - Error report.</p> <p>Each Column will have Source field, target field and Matching Status. (XXXX_ECC, XXXX_S4HANA, XXXX_MATCH). A loading status field to show the record is loaded in S/4HANA. Also, a field to unmatched fields in the Post-Load file.</p>

Business

Completeness

Task	Action
Record Count Check	<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> <p>Business will check BNKA table using tcode SE16N.</p>

Accuracy

Task	Action
Complete Check	Post-Load File contains matching status of each field.
Spot check	

Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- is in scope based on data design and any exception requested by business.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 33)	Mar 03, 2026 16:03	NAIDU-ext, Prasad	
v. 32	Dec 03, 2025 16:08	NAIDU-ext, Prasad	
v. 31	Dec 03, 2025 15:34	NAIDU-ext, Prasad	
v. 30	Dec 02, 2025 12:41	NAIDU-ext, Prasad	
v. 29	Nov 19, 2025 17:07	NAIDU-ext, Prasad	
v. 28	Sept 25, 2025 11:59	NAIDU-ext, Prasad	
v. 27	Sept 23, 2025 10:04	NAIDU-ext, Prasad	
v. 26	Sept 22, 2025 18:55	NAIDU-ext, Prasad	
v. 25	Sept 22, 2025 18:47	NAIDU-ext, Prasad	
v. 24	Sept 17, 2025 12:00	NAIDU-ext, Prasad	

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Workflow history

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