

Creation proforma export SCF

Status	
Owner	Prasad Naidu
Stakeholders	

Purpose

The Business Partner role UKM000 is used to manage Credit Management data within the FSCM framework. It replaces the old ECC transaction FD32, centralizing credit limits, risk categories, and credit exposure at the Business Partner level. With UKM000, credit data is maintained per credit segment (instead of credit control areas), ensuring accurate credit checks in sales and financial processes. Its purpose is to provide a unified, modern, and integrated way to control customer credit risk across the system.

Conversion Scope

The conversion scope covers BP role assignment (UKM000), credit control area replacement with credit segments, migration of credit master data and exposures, and system configuration alignment to ensure smooth credit checks in S/4HANA.

1. Business Partner Conversion

- All customers/vendors must be converted into Business Partners.
- Credit-relevant customers in ECC must have the UKM000 role assigned in S/4HANA.

2. Credit Control Area Credit Segment Mapping

- ECC's Credit Control Areas (CCA) are no longer used.
- These must be mapped to Credit Segments in S/4HANA.

3. Credit Master Data Migration

- Credit limits, risk categories, and other credit parameters maintained in FD32 must be transferred to the BP's UKM000 role.
- Use report UKM_TRANSFER_CUST (or migration cockpit) to migrate existing credit data.

4. Credit Exposure Migration

- Open sales orders, deliveries, billing documents, and FI-AR open items from ECC must be migrated so that credit exposure is correctly reflected in S/4HANA.

5. Configuration & Integration

- Set up credit segments and assign them to company codes.
- Enable integration of credit checks with SD, FI-AR, and FSCM.
- Replace obsolete transactions (like FD32) with BP maintenance in UKM000.

The scope of this document covers the approach for converting active Customer Master Data from Legacy Source Systems into S/4HANA Business Partner Credit management UKM000 Master Data Design Standard.

The CNV-3007 Business Partners – General (Role 000000) relevancy criteria will also be used for this conversion document.

Customer Master Data - General Information

The data from legacy system includes:

1. Customer with AR Balance under the company codes within S4 Hana implementation scope (BSID-KUNNR).
2. or (Customer doesn't have central deletion indicator (KNA1-LOEVM="") AND Customer has active sales view data within the sales organizations in scope(KNVV-KUNNR)) and there is usage within 4 years. * modified on 16/Oct/2025
3. or (Customer doesn't have central deletion indicator and customer has active company code view within the company codes in scope) and there is usage within 4 years. * modified on 16/Oct/2025
4. or there is customer consignment stock and the plant for the consignment stock is within S4 Hana implementation scope.
5. or Customer is set as the credit account for other customers, and either the customer or credit account customer is not deleted. (if both customer or credit account is deleted, then not in migration scope)
6. Intercompany customer will be defined based on the Enterprise structure. (To identify Intercompany customer, trading partner will be used. In the meantime, Group field(KNA1-KONZS) from customer general data will be used. For WP2/PF2, Group value = 0000810135 (Syensqo))
7. or the customer in the partner function is active, then the parent customer will also be migrated. * added on 16/Oct/2025
8. or the customer is active in Salesforce and there are activities within 48 months.* added on 16/Oct/2025
9. or there is an existing forecast for the customer in Kinaxis. * added on 16/Oct/2025
10. or there is active master data for the customer, such as active Pricing Condition records. * added on 16/Oct/2025

Criteria	Relevancy Rule	Technical Details
1	Customer with AR Balance under the company codes within S4 Hana implementation scope	Select KUNNR from BSID where BSID-BUKRS in (Company code in scope)
2	or (Customer doesn't have central deletion indicator AND Customer has active sales view data within the sales organizations in scope) and there is usage within 4 years.	<p>Select KUNNR from KNA1 where KNA1-LOEVM="" and KVVV-KUNNR = KNA1-KUNNR AND KVVV-VKORG in (Sales Org in scope) and KVVV-LOEVM = "" and usage within 4 years.</p> <ol style="list-style-type: none"> 1. Accounting document (Select MAX(BSAD/BSID-CPUDT) where BSAD/BSID-KUNNR =KNA1-KUNNR and BSAD/BSID-BUKRS = (Company code in scope)) 2. Sales Document (Select MAX(VBAK-ERDAT) WHERE VBAK-VBELN=VBPA-VBELN AND VBPA-KUNNR = KNA1-KUNNR) 3. Delivery Document (Select MAX(LIKP-ERDAT) WHERE LIKP-VBELN=VBPA-VBELN AND VBPA-KUNNR = KNA1-KUNNR) 4. Billing (Select MAX(VBRK-ERDAT) WHERE VBRK-VBELN=VBPA-VBELN AND VBPA-KUNNR = KNA1-KUNNR)
3	or (Customer doesn't have central deletion indicator and customer has active company code view within the company codes in scope) and there is usage within 4 years	<p>Select KUNNR from KNA1 where KNA1-LOEVM="" and KNB1-KUNNR = KNA1-KUNNR AND KNB1-BUKRS in (Company code in scope) and KNB1-LOEVM = "" and usage with 4 years</p> <ol style="list-style-type: none"> 1. Accounting document (Select MAX(BSAD/BSID-CPUDT) where BSAD/BSID-KUNNR =KNA1-KUNNR and BSAD/BSID-BUKRS = (Company code in scope)) 2. Sales Document (Select MAX(VBAK-ERDAT) WHERE VBAK-VBELN=VBPA-VBELN AND VBPA-KUNNR = KNA1-KUNNR) 3. Delivery Document (Select MAX(LIKP-ERDAT) WHERE LIKP-VBELN=VBPA-VBELN AND VBPA-KUNNR = KNA1-KUNNR) 4. Billing (Select MAX(VBRK-ERDAT) WHERE VBRK-VBELN=VBPA-VBELN AND VBPA-KUNNR = KNA1-KUNNR)
4	or there is customer consignment stock and the plant for the consignment stock is within S4 Hana implementation scope.	Select KUNNR from MSKU where MSKU-WERKS in (Plant in scope)
5	or Customer is used for Credit Limit Reference in Credit Management, only when the credit account is different from the customer, and at least credit account or customer is still active.	Select KNKLI from KNKK where KNKK-KKBER = T001CM-KKBER and T001CM-BUKRS in (Company Code in scope based on the sales organization) where KNKK-KUNNR->KNKK-KNKLI AND (KNA1-LOEVM is initial where KNA1-KUNNR = KNKK-KUNNR or KNA1-LOEVM is initial where KNA1-KUNNR = KNKK-KNKLI)
6	Intercompany Customer is in migration scope, but it will be use Data Collection Template to collect the information	KNA1-VBUND <>"" or KNA1-KONZS
7	or the customer in the partner function is active and in migration scope, then the parent customer will also be migrated based on rule 2. * added on 16/Oct/2025	<p>Select KNVP-KUNNR INNER</p> <p>JOIN KNA1 as a WHERE KNVP-KUNNR = a.kunnr and a.loevm = X and KNVP-VKORG in 'Sales Org in scope'</p> <p>inner join kna1 as b where knvp-kunn2 = b.kunnr and b.loevm = "" and kunn2 in rule 2</p>
8	or the customer is active in Salesforce and there are activities within 48 months.	<p>Two reports will be provided.</p> <p>iCare - If (there is value in field 'PRS Code (Account)' or 'RCS code (Account)') and 'Last Activity' is within 48 months and Type <> "Inactive Customer". then the account is in scope. 'PRS Code (Account)' is mapped to PF2 customer number, 'RCS code (Account)' is mapped to WP2 customer number.</p> <p>Core CRM - If (there is value in field 'PRS ID / RCS ID') and 'Last Activity' is within 48 months and 'Account Organization' = 'SCO' and 'Status'<>"Rejected", then the account is in scope. 'PRS ID / RCS ID' need to split using "/" to get the PRS/RCS code and 'GBU' in (Novocare, Technology Solutions).</p>

9	or there is an existing forecast for the customer in Kinaxis.	<ul style="list-style-type: none"> This will be parked for now
10	<p>or there is relevant Pricing Condition records maintained for the customer 4 years ago.</p> <p>a. The relevant condition table will be provided, which includes the customer field</p> <p>b. The price valid-from date is >= current date - 4 years</p> <p>c. Based on the selection criteria mentioned in a&b to select the condition header index table (KONH), then use it to match the customer number. If there is match, then the customer is taken into consideration.</p>	Select <u>KNA1-KUNNR</u> from KONH where KONH-KOTABNR IN (List to be provided) and KONH-DATAB >= current date - 4 years and KONH-VAKEY CS KNA1-KUNNR

The data from legacy system excludes:

- One time customer (Account group is Z004 or ZCPD)

1	One time customer (Account group is Z004)	KNA1-KTOKD = Z004 or ZCPD
---	---	---------------------------

List of source systems and approximate number of records

Source	Scope	Source Approx. No. of records	Target System	Target Approx. No. of records
PF2	Customer Master Data General Information	55371	S4	4200
WP2	Customer Master Data General Information	36983	S4	24000

Additional Information

Multi-language Requirement

Document Management

Legal Requirement

Special Requirements

Target Design

The technical design of the target for this conversion approach.

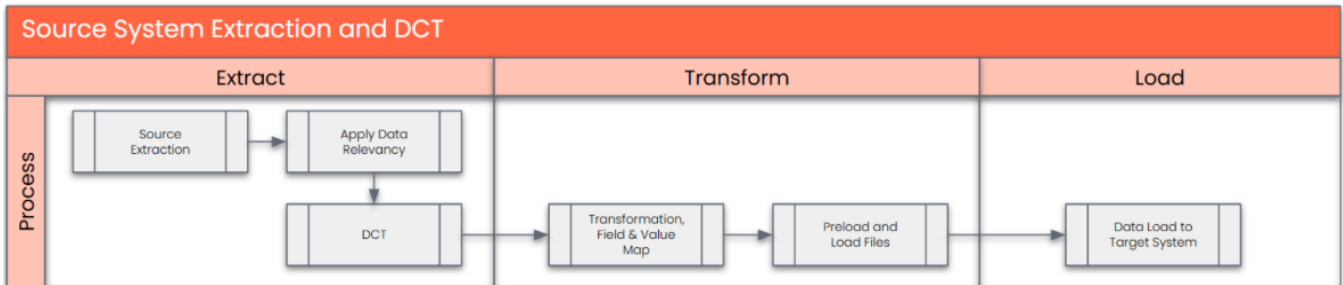
Table	Field	Data Element	Field Description	Data Type	Length	Requirement

Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System
		No legacy cleansing	Relevancy		

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.
2. 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	Refresh KNB1 tables via Syniti (Customer data)	Data

Selection Screen

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

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.

DCT Rules

Field Name	Field Description	Rule

Extraction Dependencies

Item #	Step Description	Team Responsible
1	Ensure Syniti has the necessary connection and access to legacy servers	Data
2	Ensure that the necessary cleansing activities in legacy sources are complete	Data / Business
3	Ensure that create, change and deletion of master data is freeze in legacy Production system	Legacy IT

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:

- Perform value mapping and data transformation rules.
 - Legacy values are mapped to the to-be values (this could include a default value)
 - Values are transformed according to the rules defined in
- 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	KNA1 relevancy execution in Syniti	Data
2	KNB1 relevancy execution in Syniti	Data
3	BP relevancy execution in Syniti	Data
4	Business partner FI Customer execution in Syniti	Data

Transformation Rules

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description
1	PF2/PI2/WP2	KNB1	KUNNR	Customer Account Number	S/4HANA	BP000	PARTNER	Business Partner Number
2	PF2/PI2/WP2	KNB1	BUKRS	Company Code	S/4HANA	BP001	BUKRS	Company Code
3	PF2/PI2/WP2	KNB1	AKONT	Reconciliation Account	S/4HANA	BP001	AKONT	Reconciliation Account
4	PF2/PI2/WP2	KNB1	ZTERM	Payment Terms	S/4HANA	BP001	ZTERM	Payment Terms

5	PF2/PI2/WP2	KNB1	ZWELS	Payment Methods	S/4HANA	BP001	ZWELS	Payment Methods
6	PF2/PI2/WP2	KNB1	VZSKZ	Payment Block	S/4HANA	BP001	VZSKZ	Payment Block Indicator
7	PF2/PI2/WP2	KNB1	XPORE	Individual Payment	S/4HANA	BP001	XPORE	Individual Payment Indicator
8	PF2/PI2/WP2	KNB1	ZUAWA	Sort Key	S/4HANA	BP001	ZUAWA	Sort Key
9	PF2/PI2/WP2	KNB1	DTAWS	Instruction Key	S/4HANA	BP001	DTAWS	Instruction Key

Transformation Mapping

Mapping Table Name	Description
Legacy Customer-BP Master Mapping	Legacy to S4 Business Partner customer mapping
Business Partner deDupe mapping (Global Data)	dedupe Golden-child (Global) mapping
Company Code Mapping	Legacy to S4 Company Code Mapping
Payment Terms Mapping	Legacy to S4 Payment Terms Mapping
Payment Method Mapping	Payment Method Mapping
Tax Category Mapping	Legacy to S4 Tax Category Mapping
Reconciliation Account Mapping	Legacy to S4 Reconciliation Account Mapping
Sort Key Mapping	Legacy to S4 Sort Key Mapping
Planning Group Mapping	Legacy to S4 Planning Group Mapping
deDupe customer Company Code Nominations Mapping	Golden-Child Company Code data Mapping

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible
1	Extract PF2/PI2/WP2 source tables – KNB1	Data
2	Ensure that Business Partner – General is loaded	Data
2	Ensure all Customer master data collection templates, deduplication and cleansing completeness and no errors	Data
3	Ensure that all required Configurations are in S/4HANA	Data

Pre-Load Validation

Project Team

Completeness

Task	Action
Verify count	Verify that the record count in the pre-load file is the same as the record count based on the approved DCT records

Accuracy

Task	Action

Data Accuracy	Data team to verify that all the data in the load table/file is accurate as per signed-off transformation rules and DCT contents
Mapping Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.

Business

Completeness

Task	Action
Verify Count for all customers	Verify that the record count in the pre-load file is the same as the record count based on the relevancy (including deduplication) results
Verify Relevancy Rules	Verify that the relevancy rules were correctly applied

Accuracy

Task	Action
Verify Data Accuracy	Verify that all the data in the load table/file is accurate as per signed-off transformation rules and DCT contents
Review Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.
Verify Transformation Rules	Verify that the transformation rules are correct and have been carried out correctly

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	Load Sample Business Partners	Data
2	Validate sample Business Partners	Data
3	Load remaining Business Partners	Data
4	Validate data loaded for Business Partners	Data
5	Load Sample BP Type – Customer Contact Persons	Data
6	Validate sample BP Type – Customer Contact Persons	Data
7	Load remaining BP Type – Customer Contact Persons	Data
8	Validate data loaded for BP Type – Customer Contact Persons	Data
9	Load Sample BP Type – Vendor Contact Persons	Data
10	Validate sample BP Type – Vendor Contact Persons	Data
11	Load remaining BP Type – Vendor Contact Persons	Data
12	Validate data loaded for BP Type – Vendor Contact Persons	Data

13	Load Sample BP Type - Bank Contacts (First Name, Last Name)	Data
14	Validate sample BP Type - Bank Contacts (First Name, Last Name)	Data
15	Load remaining BP Type - Bank Contacts (First Name, Last Name)	Data
16	Validate data loaded for BP Type - Bank Contacts (First Name, Last Name)	Data
17	Load Sample BP Type – BP General, FI Customer, FI Vendor	Data
18	Validate sample BP Type – BP General, FI Customer, FI Vendor	Data
19	Load remaining BP Type – BP General, FI Customer, FI Vendor	Data
20	Validate data loaded for BP Type – BP General, FI Customer, FI Vendor	Data
21	Load Sample Vendors Default Partner	Data
22	Validate sample Vendors Default Partner	Data
23	Load remaining Vendors Default Partner	Data
24	Validate data loaded for Vendors Default Partner	Data
25	Load Sample BP - General for remaining customer roles	Data
26	Validate sample BP - General for remaining customer roles	Data
27	Load remaining BP - General for remaining customer roles	Data
28	Validate data loaded for BP - General for remaining customer roles	Data
29	Load Sample BP – Customers with Default Partner	Data
30	Validate sample BP – Customers with Default Partner	Data
31	Load remaining BP – Customers with Default Partner	Data
32	Validate data loaded BP – Customers with Default Partner	Data
33	Load Sample BP - Bank Role	Data
34	Validate sample BP - Bank Role	Data
35	Load remaining BP - Bank Role	Data
36	Validate data loaded BP - Bank Role	Data
37	Load Sample BP Relationship Contact Person to Organisation (Will create KNVK records)	Data
38	Validate sample BP Relationship Contact Person to Organisation (Will create KNVK records)	Data
39	Load remaining BP Relationship Contact Person to Organisation (Will create KNVK records)	Data
40	Validate data loaded for BP Relationship Contact Person to Organisation (Will create KNVK records)	Data
41	Load Sample BP - Carrier	Data
42	Validate sample BP - Carrier	Data
43	Load remaining BP - Carrier	Data
44	Validate data loaded BP - Carrier	Data
45	Load Sample BP - Credit Management	Data
46	Validate sample BP - Credit Management	Data
47	Load remaining BP - Credit Management	Data
48	Validate data loaded BP - Credit Management	Data
49	Load Sample BP Collections Management	Data
50	Validate sample BP Collections Management	Data
51	Load remaining BP Collections Management	Data
52	Validate data loaded BP Collections Management	Data

Load Phase and Dependencies

Configuration

Item #	Configuration Item
1	Obtain the approved upload USER ID's to be used (e.g. Firefighter ID)
2	SAP USER profile (SU3) Date and Decimal Notation Formats are in sync with the load format
3	Company Code Configuration
4	Incoterms Configuration
5	Plant Configuration
6	Confirmation Control Configuration
7	Payment Terms Configuration
8	Payment Method Configuration
9	Reconciliation Account Configuration
10	Withholding Tax Types Configuration

Conversion Objects

Object #	Preceding Object Conversion Approach
	Intercompany Business Partners
	Business Partner - Contact
	Business Partner – General
	GL Accounts

Error Handling

Error Type	Error Description	Action Taken
Configuration	<configuration> is not valid/missing	If it is a missing configuration item then engage Functional team to expedite and fix the error in the system.
Invalid Data	<parameter> is not valid.	The parameter entry needs to be reviewed (ex. invalid payment terms). If it is an invalid data, business needs to review and correct the source of the data either in PF2/PI2/WP2 or if it's mapped in DCT.
Technical Setup	Interface / Connection issue within target system's landscape	N/A – the data will be loaded directly to S/4HANA environment

Post-Load Validation

Project Team

Completeness

Task	Action
Verify full Count of Customers	Verify that the record count in the post-load file is the same as the record count based on the relevancy (including deduplication) results

--	--

Accuracy

Task	Action
Data Accuracy	Data team to verify that all the data in the load table/file is accurate as per signed-off transformation rules and DCT contents
Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.

Business

Completeness

Task	Action
Verify full Count of Customers	Verify that the record count in the post-load file is the same as the record count based on the relevancy (including deduplication) results
Validate Loaded Data	Validate, as per the loads files signed-off, that all records were created

Accuracy

Task	Action
Verify Data Accuracy	Data team to verify that all the data in the load table/file is accurate as per signed-off transformation rules and DCT contents
Review Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.
Validate Loaded Data	Validate, as per the loads files signed-off, that all records were created

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. 7)	May 08, 2026 09:51	NAIDU-ext, Prasad	
v. 34	Apr 22, 2026 15:59	NAIDU-ext, Prasad	
v. 33	Apr 22, 2026 13:43	NAIDU-ext, Prasad	
v. 32	Mar 13, 2026 11:55	NAIDU-ext, Prasad	
v. 31	Mar 13, 2026 11:13	NAIDU-ext, Prasad	

v. 30	Nov 20, 2025 12:28	PILLAY-ext, Lawrence
v. 29	Nov 20, 2025 12:24	PILLAY-ext, Lawrence
v. 28	Nov 19, 2025 16:29	NAIDU-ext, Prasad
v. 27	Nov 18, 2025 15:38	NAIDU-ext, Prasad
v. 26	Nov 18, 2025 10:53	NAIDU-ext, Prasad

[Go to Page History](#)

Workflow history

Title	Last Updated By	Updated	Status
-------	--------------------	---------	--------

There are no pages at the moment.
