


KSBT - Control the activity rates

| | |
|---------------------|--|
| Status |  |
| Owner | Bernard Ng |
| Stakeholders | PILLAY-ext , Lawrence GARCIA-ext , Angel Luis PARA-ext , Anil NAIDU-ext , Prasad |

Purpose

The purpose of this document is to define the conversion approach for Business Partners - Partner with Vendor Account (TR0604) in S/4 HANA.

Business Partner - Partner with Vendor Account Role is used in Real Estate Management (RE-FX) for entities acting as a supplier/vendor who needs an associated Vendor account for payments. It links a general business partner to the vendor functionality within SAP, ensuring role-specific details and processes (like invoicing/payments) are handled correctly.

Conversion Scope

The scope of this document covers the approach for extending the Business Partner TR0604 role from Legacy Source Systems into S/4HANA following the Master Data Design Standard # 3021.

Relevancy rule :

- Vendor is active with RE/FX contracts within 5 years -
 - check REAL ESTATE CONTRACT data in VICNCN table where :
 - BUKRS = company codes that are in scope
 - VICNCN >= Migration cutoff date minus 5 years
 - Get Business partner from table VIBPOBJREL-PARTNER where :
 - INTRENO = VICNCN-INTRENO
 - ROLE = ZLESS
 - VALIDTO >= Migration cutoff date minus 5 years
- exists in General Role / data as per [CNV-3007 Business Partners - General \(Role 000000\)](#) and Company data as per [CNV-3018 Business Partners - FI Vendor \(FLVN00\)](#)

For scenarios where companies are not in legacy systems, a DCT is required to extend the role to respective business partner.

The tables/ fields within the role will be similar to object 3007 and 3018 with no changes or additions, migration is just extension of TR0604 role to the relevant business partners.

The below table explains the Role Matrix, applicable to S4HANA tables and related Conversion Objects

| Role | Description | Table | Conversion Object |
|--------|--|---------------|-------------------|
| 000000 | General Role Business Partner Role - General view Customers + Suppliers (including name and address standards, languages, emails, formats, identifications etc.) | BUT000 | CNV-3007 |
| FLVN00 | FI Vendor Role - FI Company view of Business Partner / Vendor | LFB1 / BUT100 | CNV-3018 |
| TR0604 | Partner with vendor Role - assignment to vendor role for RE-FX | BUT100 | CNV-3021 |

The key fields for the above mentioned S4HANA tables pertaining to CNV-3021 Partner with vendor are explained below:

- **Table BUT100** - Role assignment:
 - **PARTNER - Business Partner Number** - unique identifier of the Business partner which can be internally assigned by SAP or externally assigned by user.
 - **RLTYP - Business Partner Role** - This field is to select the Partner Role. The role to be used is TR0604
 - **VALID_FROM** - Validity Start of a BP Role
 - **VALID_TO** - Validity End of a BP Role

There are 2 group go-live as below:

- Group 1 go-live is planned for 1 July 2028
- Group 2 go-live is planned for 1 Jan 2029

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 | Extract business partner from VIBPOBJREL-PARTNER and as determined as active based on the relevancy criteria. Some companies not in legacy will be added to S4 requiring use of DCT | 1,000 | S4 | 1,000 |

Additional Information

Multi-language Requirement

N/A

Document Management

N/A

Legal Requirement

N/A

Special Requirements

N/A

Target Design

The technical design of the target for this conversion approach, following the MDS # 3021

Table: BUT100 - Role TR0604- assignment to a Business Partner.

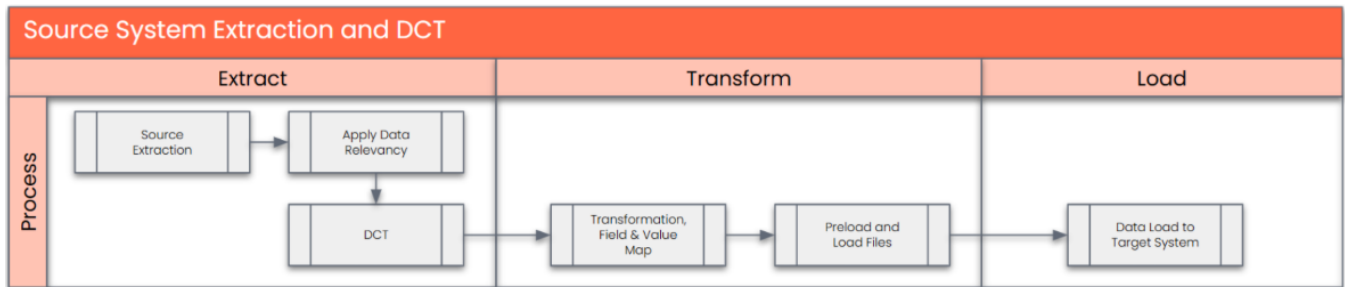
| Table | Field | Data Element | Field description | Data type | Length | Requirement |
|--------|------------|--------------------|-----------------------------|-----------|--------|-------------|
| BUT100 | PARTNER | BU_PARTNER | Business Partner Number | CHAR | 10 | Mandatory |
| BUT100 | RLTYP | BU_PARTNERROLE | BP Role | CHAR | 6 | Mandatory |
| BUT100 | VALID_FROM | BU_ROLE_VALID_FROM | Validity Start of a BP Role | DEC | 15 | Mandatory |
| BUT100 | VALID_TO | BU_ROLE_VALID_TO | Validity End of a BP Role | DEC | 15 | Mandatory |

Data Cleansing

| ID | Criticality | Error Message/Report Description | Rule | Output | Source System |
|----|-------------|----------------------------------|--|--------------------------------------|---------------|
| | | No legacy cleansing | Based on CNV-3007 and 3018 relevancy rule and this CS relevancy rule | Relevant vendors vs excluded vendors | PF2/WP2 |
| | | | | | |
| | | | | | |
| | | | | | |

Conversion Process

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



Data Privacy and Sensitivity

N/A

Extraction

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

1. The data exists. Syniti connects to the source and loads the data into Syniti. 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 Syniti 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 Syniti. This is to be conducted using DCT (Data Collection Template) in Syniti

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 Vendor general data / XREF in Syniti | Data |
| 2 | Refresh Vendor company data in Syniti | Data |
| 3 | Extract from tables VICNCN and VIBPOBJREL | Data |
| | | |

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 non ECC companies, to extend TR0604 role :

| Field name | Field description | Rule |
|------------|-------------------|------|
| | | |

| | | |
|----------------|-------------------------|---|
| BUT100-PARTNER | Business Partner Number | <p>This is a required field.</p> <p>This number is internally generated by the system</p> <p>For DCT Purpose, the Business Partner number will need to be populated once the BP numbers are known after load of General Role</p> |
|----------------|-------------------------|---|

Extraction Dependencies

| Item # | Step Description | Team Responsible |
|--------|--|------------------|
| 1 | Ensure Syniti has the necessary connection and access to legacy servers | Data |
| 2 | 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 Syniti 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 Syniti
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 Syniti | Data team |
| 2 | Ensure that signed off value mappings have been maintained in the Syniti | Syniti team |
| 3 | Confirm the value mappings as maintained in the Syniti | Data team |
| 4 | Ensure that Signed off CONSTRUCT from business has been received and maintained in Syniti | Syniti/Data team |
| 5 | Execute transformation for the object | Syniti team |
| 6 | Monitor the transformation progress and ensure performance and completion is within allowed timeframe | Syniti/Data team |
| 7. | Generate Pre-Load reports. | Syniti team |
| 8. | Generate data load count. | Syniti team |
| 9. | Log errors as defects, if any and address resolutions. Close defects. | Syniti/Data team |
| 10. | Re-transform and re-validate the Pre-load reports if necessary. | Syniti/Data team |
| 11. | Validate the transformed file as part of pre-load validation, raise data defects or provide the pre-load sign-off. | Business |
| 12. | Analyse and resolve any pre-load defects logged by business. | Syniti/Data team |
| 13. | Repeat steps 5 to 12 if necessary | Syniti/Data team |
| 14. | Proceed to pre-load validations | Data team |

Transformation Rules

| Rule # | Source system | Source Table | Source Field | Source description | Target system | Target Table_Field | Target Table_Field | Target description | Transformation logic |
|--------|---------------|--------------|--------------|--------------------|---------------|--------------------|--------------------|-----------------------------|-----------------------------------|
| 1 | PF2/WP2 | VIBPOBJREL | PARTNER | CONSTRUCT | S4HANA | BUT100 | PARTNER | Business Partner Number | Refer to XREF of Business Partner |
| 2 | NA | NA | NA | NA | S4HANA | BUT100 | RLTYP | BP Role | Default to TR0604 |
| 3 | NA | NA | NA | NA | S4HANA | BUT100 | VALID_FROM | Validity Start of a BP Role | Default to 10101000000 |
| 4 | NA | NA | NA | NA | S4HANA | BUT100 | VALID_TO | Validity End of a BP Role | Default to 99991231235959 |

List of Custom Target Reports for this object is maintained here: [Conversion Specification - Custom Reports Register](#).

Transformation Mapping

| Mapping Table Name | Description |
|--|--|
| Legacy Vendor-BP Master Mapping | Legacy to S4 Business Partner Vendor mapping |
| Business Partner deDupe mapping (Global Data) | dedupe Golden-child (Global) mapping |
| Company Code Mapping | Legacy to S4 Company Code Mapping |
| deDupe Vendor 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/WP2 source tables | Data |
| 2 | Ensure that Business Partner – General (3007) and Company Code (3008) are transformed | Data |
| 2 | Ensure all vendor 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 legacy + 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 legacy/ 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 External Vendor (not Key Input Supplier) | 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 Count for Intercompany Vendor | Verify that the record count in the pre-load file is the same as the record count based on the approved DCT records (intercompany Vendors) |
| 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 | Ensure the load tools are transported into the correct tool instance. | Data team |
| 2 | Ensure all required mappings are submitted and complete | Data team |
| 3 | Ensure Pre-load sign-offs are obtained. | Data team |
| 4 | Execute Upload tool | 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 |
|--------|--------------------------------|
| 1 | Business Partner Configuration |

Conversion Objects

| Object # | Preceding Object Conversion Approach |
|----------|--|
| 3007 | Business Partner – General |
| 3018 | Business Partners - FI Vendor (FLVN00) |
| | |

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 role or BP). If it is an invalid data, business needs to review and correct the source of the data either in PF2/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 Count | 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 legacy/DCT contents |
| Error Reports | Verify that all necessary error reports have been validated, and that errors have been addressed. |
| | |

Business

Completeness

| Task | Action |
|----------------------|---|
| Verify Count | 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 legacy/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.
- Object 3021 is in scope based on data design and any exception requested by business.

See also

Change log

| Version | Published | Changed By | Comment |
|------------------------|----------------------------|---------------------------|---------|
| CURRENT (v. 13) | Sept 22, 2025 11:47 | PONGTHAM, Piyaporn | |
| v. 12 | Mar 11, 2016 13:28 | Teresa Martins | |
| v. 11 | Mar 11, 2016 13:24 | ROLLIER, Charlotte | |
| v. 10 | Mar 11, 2016 13:19 | ROLLIER, Charlotte | |
| v. 9 | Feb 09, 2016 19:00 | Alexandra Lepercq | |
| v. 8 | Jan 14, 2016 13:16 | Alexandra Lepercq | |
| v. 7 | Oct 29, 2015 15:50 | SARMENTO, Filipe | |
| v. 6 | Oct 29, 2015 15:45 | SARMENTO, Filipe | |
| v. 5 | Oct 29, 2015 15:22 | SARMENTO, Filipe | |
| v. 4 | Sept 09, 2015 17:12 | ROLLIER, Charlotte | |

[Go to Page History](#)

Workflow history

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

There are no pages at the moment.