

# CNV-1036 Customer Material Information Records (CMIR)

|              |                  |
|--------------|------------------|
| Status       | Approved         |
| Owner        | LIU-ext, Ekawati |
| Stakeholders |                  |

## Purpose

The purpose of this document is to define the data conversion approach to create Customer Material Information Records (CMIR) in S/4 HANA.

Customer material info records (CMIRs) are used to store specific information about a material from a customer's perspective. This information helps in streamlining sales order processing and ensuring accurate order fulfilment. CMIRs link a customer's material number and description to the corresponding SAP material number, allowing for efficient order creation and data consistency.

This conversion aims to migrate active and relevant customer material information records from existing ECC systems into S/4HANA by applying required transformation logic using Syniti as the data migration and transformation platform. The converted records will be loaded into the target S/4HANA system using standard SAP mechanisms such as IDOCs, BAPIs, or direct table loads where applicable.

## Conversion Scope

The scope of this document covers the approach for converting active Customer Material Information Records (CMIR) from Legacy Source Systems into S/4HANA following the Customer Material Information Records (CMIR) Master Data Design Standard: DD-FUN-050 Master Data Standard\_1036-Customer Material Information Records(CMIR).

From the current system landscape, Customer Material Information Records (CMIR) exist in the both legacy systems - PF2 and WP2. Harmonization and validation are required to ensure the accurate and consolidated data in S/4HANA. While PF2 and WP2 serve as source systems, a mapping and transformation logic will be necessary to produce properly formatted load templates in line with the target design.

20260114-Eka: MDS updated - Text Language updated from **project Syway approved language** to **all existing CMIR language**.

The data from legacy system includes:

1. All active Customer Material Information Records (CMIR), where:
  - a. Customer sales view migrated as per CNV-3003 Business Partners - Customer (Sales and Service) - FLCU01
  - b. AND Material sales view migrated as per CNV-2003 Materials - Sales view with sales long text.
  - c. AND Sales organization is in scope of S/4HANA
  - d. AND Distribution channel is in scope of S/4HANA
  - e. AND Plant is in scope of S/4HANA OR the Plant is BLANK.
2. For records selected in point #1 above; TEXT will be migrated for Text Object = KNMT and if the Text ID ~~and the Text Language~~ are included in the mapping table.

20260227-Eka: Refer to CR0279 - Update Conversion Specs to remove mention of CUI System

20260420-Eka: Refer to CR0455 - L2C CNV-3003 Distribution channel logic enhancement: Update this Conversion Specs Distribution Channel logic to follow CNV-3003

List of source systems and approximate number of records:

| Source         | Scope                                                  | Source Approx No. of Records | Target System          | Target Approx No. of Records |
|----------------|--------------------------------------------------------|------------------------------|------------------------|------------------------------|
| WP2            | Customer Material Info Records, table: KNMT            | 26,000                       | S/4HANA ROW            | 26,000                       |
| PF2            | Customer Material Info Records, table: KNMT            | 10,000                       | S/4HANA ROW            | 10,000                       |
| WP2            | Customer Material Info Records, table: KNMT            | 5,000                        | S/4HANA China          | 5,000                        |
| PF2            | Customer Material Info Records, table: KNMT            | 500                          | S/4HANA China          | 500                          |
| <del>WP2</del> | <del>Customer Material Info Records, table: KNMT</del> | <del>51,000</del>            | <del>S/4HANA-CUI</del> | <del>51,000</del>            |
| <del>PF2</del> | <del>Customer Material Info Records, table: KNMT</del> | <del>N/A</del>               | <del>S/4HANA-CUI</del> | <del>N/A</del>               |
| WP2            | Customer Material Info Records, Text, table: STXH      | 40,000                       | S/4HANA ROW            | 40,000                       |
| PF2            | Customer Material Info Records, Text, table: STXH      | 300                          | S/4HANA ROW            | 300                          |

|                |                                                              |                   |                        |                   |
|----------------|--------------------------------------------------------------|-------------------|------------------------|-------------------|
| WP2            | Customer Material Info Records, Text, table: STXH            | 10,000            | S/4HANA China          | 10,000            |
| PF2            | Customer Material Info Records, Text, table: STXH            | N/A               | S/4HANA China          | N/A               |
| <del>WP2</del> | <del>Customer Material Info Records, Text, table: STXH</del> | <del>15,000</del> | <del>S/4HANA CUI</del> | <del>15,000</del> |
| <del>PF2</del> | <del>Customer Material Info Records, Text, table: STXH</del> | <del>N/A</del>    | <del>S/4HANA CUI</del> | <del>N/A</del>    |

## Additional Information

### Multi-language Requirement

~~As per MDS, Text are only migrated for the valid/ approved language. Refer to MAP\_LANGU - ECC (PF2/ WP2) to S/4HANA Language Mapping Table.~~

N/A

### Document Management

N/A

### Legal Requirement

N/A

### Special Requirements

Due to compliance requirement, there will be one SAP instance for Rest of the World (ROW) and one for China ~~and one for CUI~~. Based on the sales organization the Customer Material Info Records (CMIR) records will be migrated to respective SAP instances.

## Target Design

Customer Material Information Records (CMIR) Data strictly adheres to the Master Data Standard. The complete information of the tables and key fields that hold the Customer Material Information Records (CMIR) information follows the Master Data Standard document.

The technical design of the target for this conversion approach.

20251205-Eka: MDS updated - KNMT-RDPRF (Rounding Profile) and KNMT-MEGRU (Unit of Measure Grp) set to NOT USED.

| Table | Field | Data Element | Field Description    | Data Type | Length | Requirement                     |
|-------|-------|--------------|----------------------|-----------|--------|---------------------------------|
| KNMT  | VKORG | VKORG        | Sales Organization   | CHAR      | 4      | Mandatory                       |
| KNMT  | VTWEG | VTWEG        | Distribution Channel | CHAR      | 2      | Mandatory                       |
| KNMT  | KUNNR | KUNNR_V      | Customer             | CHAR      | 10     | Mandatory                       |
| KNMT  | MATNR | MATNR        | Material             | CHAR      | 40     | Mandatory                       |
| KNMT  | SORTL | SORTL        | Search term          | CHAR      | 10     | Optional                        |
| KNMT  | KDMAT | MATNR_KU     | Customer Material    | CHAR      | 35     | Optional                        |
| KNMT  | POSTX | KDPTX        | Customer Description | CHAR      | 40     | Optional                        |
| KNMT  | LPRIO | LPRIO        | Delivery Priority    | NUMC      | 2      | Optional                        |
| KNMT  | MINLF | MINLF        | Minimum Delivery Qty | QUAN      | 13     | Optional                        |
| KNMT  | KZTLF | KZTLF        | Part.dlv./item       | CHAR      | 1      | Optional                        |
| KNMT  | ANTLF | ANTLF        | Max.Part.Deliveries  | DEC       | 1      | Optional                        |
| KNMT  | UNTO  | UNTO         | Underdel. Tolerance  | DEC       | 3      | Optional                        |
| KNMT  | UEBTO | UEBTO        | Overdeliv. Tolerance | DEC       | 3      | Optional                        |
| KNMT  | UEBTK | UEBTK_V      | Unlimited Tolerance  | CHAR      | 1      | Optional                        |
| KNMT  | WERKS | WERKS_EXT    | Plant                | CHAR      | 4      | Optional                        |
| KNMT  | RDPRF | RDPRF        | Rounding Profile     | CHAR      | 4      | <del>Optional</del><br>Not Used |

|                                           |           |         |                         |      |    |                                 |
|-------------------------------------------|-----------|---------|-------------------------|------|----|---------------------------------|
| KNMT                                      | MEGRU     | MEGRU   | Unit of Measure Grp     | CHAR | 4  | <del>Optional</del><br>Not Used |
| KNMT                                      | VWPOS     | VWPOS   | Item Usage              | CHAR | 4  | Optional                        |
| <b>CMIR Long Text</b>                     |           |         |                         |      |    |                                 |
| *This CMIR Long Text is <b>Optional</b> . |           |         |                         |      |    |                                 |
| KNMT                                      | VKORG     | VKORG   | Sales Organization      | CHAR | 4  | Mandatory                       |
| KNMT                                      | VTWEG     | VTWEG   | Distribution Channel    | CHAR | 2  | Mandatory                       |
| KNMT                                      | KUNNR     | KUNNR_V | Customer                | CHAR | 10 | Mandatory                       |
| KNMT                                      | MATNR     | MATNR   | Material                | CHAR | 40 | Mandatory                       |
| STXH                                      | TDNAME    | TDOBNAM | Name                    | CHAR | 70 | Mandatory                       |
| STXH                                      | TDID      | TDID    | Text ID                 | CHAR | 4  | Mandatory                       |
| STXH                                      | TDSRAS    | SPRAS   | Language Key            | LANG | 1  | Mandatory                       |
| Function Module                           | Long Text |         | Text Details/ Long Text | CHAR |    | Mandatory                       |

## Data Cleansing

All data cleansing should take place in the data source system as defined in this document, unless system limitations prevent it. Consider relevancy rule in the cleansing report except the Plant relevancy in 1036-001 to 1036-006.

| ID       | Criticality | Error Message /Report Description                                                       | Rule                                                                                                                                                                                                                                                                                                              | Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Source System |
|----------|-------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1036-001 | C1          | Customer with flag for deletion                                                         | Flag for deletion for all area (KNA1-LOEVM) OR flag for deletion at company code level (KNB1-LOEVM) OR flag for deletion at sales area level (KNVV-LOEVM) is 'X' - Yes<br><br>*Company code: get TVKO-BUKRS, where TVKO-VKORG = KNMT-VKORG                                                                        | Source System/ Customer No./ Customer Name/ Country/ Sales Organization/ Sales Organization Name/ Distribution Channel/ Distribution Channel Name/ Division/ Division Name/ Company Code/ Company Code Name/ Flag for deletion for all area level/ Flag for deletion at company code level/ Flag for deletion at sales area level                                                                                                                                                                                     | PF2/ WP2      |
| 1036-002 | C1          | Customer with posting block                                                             | Posting block for all company code (KNA1-SPERR) OR posting block at company code level (KNB1-SPERR) is "X" - Yes<br><br>*Company code: get TVKO-BUKRS, where TVKO-VKORG = KNMT-VKORG                                                                                                                              | Source System/ Customer No./ Customer Name/ Country/ Sales Organization/ Sales Organization Name/ Distribution Channel/ Distribution Channel Name/ Division/ Division Name/ Company Code/ Company Code Name/ Posting block for all company code/ Posting block at company code level                                                                                                                                                                                                                                  | PF2/ WP2      |
| 1036-003 | C1          | Customer with sales block                                                               | Sales block for all sales area (KNA1-CASSD) OR sales block at sales area level (KNVV-CASSD) is "X" - Yes                                                                                                                                                                                                          | Source System/ Customer No./ Customer Name/ Country/ Sales Organization/ Sales Organization Name/ Distribution Channel/ Distribution Channel Name/ Division/ Division Name/ Sales block for all sales area/ Sales block at sales area level                                                                                                                                                                                                                                                                           | PF2/ WP2      |
| 1036-004 | C1          | Customer with order block, delivery block or billing block                              | Order block for all sales area (KNA1-AUFSD) OR order block at sales area level (KNVV-AUFSD) OR delivery block for all sales area (KNA1-LIFSD) OR delivery block at sales area level (KNVV-LIFSD) OR billing block for all sales area (KNA1-FAKSD) OR billing block at sales area level (KNVV-FAKSD) is NOT BLANK. | Source System/ Customer No./ Customer Name/ Country/ Sales Organization/ Sales Organization Name/ Distribution Channel/ Distribution Channel Name/ Division/ Division Name/ Order block for all sales area (code + description)/ Order block at sales area level (code + description)/ Delivery block for all sales area (code + description)/ Delivery block at sales area level (code + description)/ Billing block for all sales area (code + description)/ Billing block at sales area level (code + description) | PF2/ WP2      |
| 1036-005 | C1          | Material with flag for deletion                                                         | Flag for deletion at client level (MARA-LVORM) OR flag for deletion at distribution chain level (MVKE-LVORM) is 'X' - Yes                                                                                                                                                                                         | Source System/ Customer No./ Customer Name/ Country/ Sales Organization/ Sales Organization Name/ Distribution Channel/ Distribution Channel Name/ Material No./ Material Description/ Flag for deletion at client level/ Flag for deletion at distribution chain level/ Plant (KNMT)/ Plant in-scope flag                                                                                                                                                                                                            | PF2/ WP2      |
| 1036-006 | C1          | Material with distribution-chain material status                                        | Cross-distribution-chain material status (MARA-MSTAV) OR Distribution-chain-specific material status (MVKE-VMSTA) is NOT BLANK                                                                                                                                                                                    | Source System/ Customer No./ Customer Name/ Country/ Sales Organization/ Sales Organization Name/ Distribution Channel/ Distribution Channel Name/ Material No./ Material Description/ Cross-distribution-chain material status code and the description/ Distribution-chain-specific material status code and the description/ Plant (KNMT)/ Plant in-scope flag                                                                                                                                                     | PF2/ WP2      |
| 1036-007 | C1          | Duplicate CMIR - General records for the same Sales Organization, Customer and Material |                                                                                                                                                                                                                                                                                                                   | Source System/ All KNMT fields with duplicate records.<br><br><del>Exclude: KNMT-RDPRF (Rounding Profile) and KNMT-MEGRU (Unit of Measure Grp)</del>                                                                                                                                                                                                                                                                                                                                                                  | PF2/ WP2      |

|          |    |                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
|----------|----|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1036-008 | C1 | Duplicate CMIR - Long Text records for the same Sales Organization, Customer, Material, Text ID and Language |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Source System/ All Long Text along with key fields with duplicate records.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PF2/ WP2 |
| 1036-009 | C1 | Invalid records without Customer Material Details                                                            | <ol style="list-style-type: none"> <li>1. Sales Organization/ KNMT-VKORG = sales organization in-scope</li> <li>2. Distribution Channel/ KNMT-VTWEG = not blank</li> <li>3. Customer/ KNMT-KUNNR = not blank</li> <li>4. Material/ KNMT-MATNR = not blank</li> <li>5. Search Term/ KNMT-SORTL = blank</li> <li>6. Customer Material/ KNMT-KDMAT = blank</li> <li>7. Customer Description/ KNMT-POSTX = blank</li> <li>8. Delivery Priority/ KNMT-LPRIO = blank/ 0</li> <li>9. Minimum Delivery Quantity/ KNMT-MINLF = blank/ 0</li> <li>10. Maximum Number of Partial Deliveries Allowed per Item/ KNMT-ANTLF = blank/ 0</li> <li>11. Under Delivery Tolerance/ KNMT-UNTTO = blank/ 0</li> <li>12. Over Delivery Tolerance/ KNMT-UEBTO = blank/ 0</li> <li>13. Unlimited Tolerance/ KNMT-UEBTK = unchecked</li> <li>14. Plant/ KNMT-WERKS = blank</li> <li>15. <del>Rounding Profile/ KNMT-RDPRF = blank</del></li> <li>16. <del>Unit of Measure Group/ KNMT-MEGRU = blank</del></li> <li>17. Item Usage/ KNMT-VWPOS = blank</li> <li>18. Text Object/ STXH-TDOBJECT = KNMT and Text Name/ STXH-TDNAME = as per point 1-4 above and <b>no values found</b></li> </ol> | Source System/ Customer No./ Customer Name/ Country/ Sales Organization/ Sales Organization Name/ Sales Organization Country/ Distribution Channel/ Distribution Channel Name/ Material No./ Material Description/ Search Term/ Customer Material/ Customer Description/ Delivery Priority/ Minimum Delivery Quantity/ Partial Delivery at Item Level/ Maximum Number of Partial Deliveries Allowed per Item/ Under Delivery Tolerance/ Over Delivery Tolerance/ Unlimited Tolerance/ Plant/ Plant Name/ <del>Rounding Profile/ Unit of Measure Group</del> / Item Usage/ Text ID | PF2/ WP2 |

How to clean: Customer invalid - Data cleanser to delete all materials in the CMIR, material invalid - Data cleanser to delete the invalid material only.

## Conversion Process

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

The ETL (Extract, Transform, Load) process is a structured approach to data migration and management, ensuring high-quality data is seamlessly transferred across systems. Here's a breakdown of its key components:

### 1. Extraction

The process begins with extracting metadata and raw data from source systems, i.e. Syensqo ECC system WP2 and PF2. The extracted data is then staged for transformation.

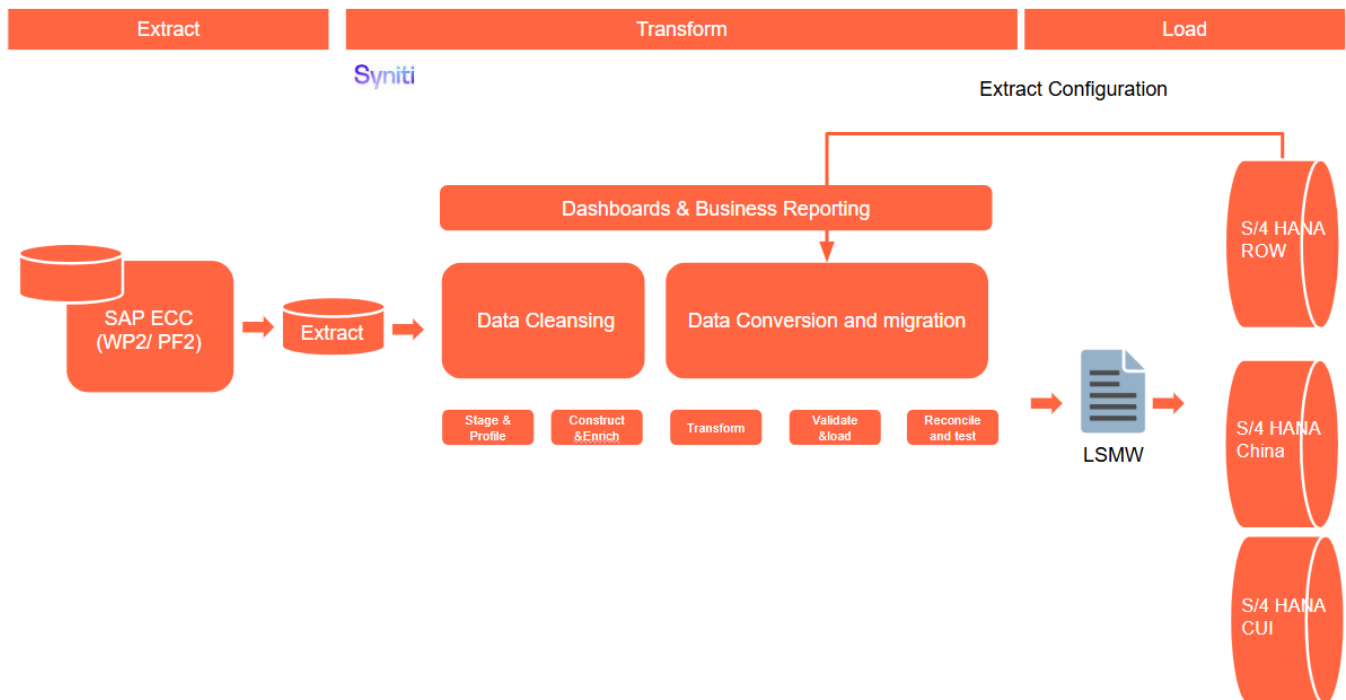
### 2. Transformation

Once extracted, the data undergoes cleansing, consolidation, and governance. This step ensures data integrity, consistency, and compliance with business rules. The transformation process includes:

- Data validation to remove inconsistencies.
- Standardization to align formats across datasets.
- Business rule application to refine data for operational use.

### 3. Loading

The transformed data is then loaded into the target S/4HANA system.



## Data Privacy and Sensitivity

N/A

## Extraction

Extract data from a SAP ECC WP2 and PF2 into Syniti Migrate for S/4HANA. Syniti Migrate connects to the source and loads the data into Syniti Migrate. There are 2 possibilities:

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

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 |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1036-001 | <ul style="list-style-type: none"> <li>- Identify the source systems (WP2 and PF2) and databases involved.</li> <li>- Define the data objects (tables such as KNMT, STXH, function module: read_text for respective data from STXH, fields, records) to be extracted.</li> <li>- Establish business rules for data selection.</li> </ul> | LTC Data team    |
| 1036-002 | <ul style="list-style-type: none"> <li>- Specify the extraction approach (full, incremental, or delta extraction).</li> <li>- Determine the tools and technologies used.</li> <li>- Define data filtering criteria to exclude irrelevant records.</li> </ul>                                                                             | Syniti           |
| 1036-003 | <ul style="list-style-type: none"> <li>- Establish execution timelines and batch processing schedules.</li> <li>- Assign responsibilities for extraction monitoring.</li> <li>- Document dependencies on other migration tasks.</li> </ul>                                                                                               | Syniti           |
| 1036-004 | <ul style="list-style-type: none"> <li>- Define error handling mechanisms for extraction failures.</li> </ul>                                                                                                                                                                                                                            | Syniti           |

## Selection Screen

| Selection Ref Screen | Parameter Name     | Selection Type | Requirement                             | Value to be entered/set      |
|----------------------|--------------------|----------------|-----------------------------------------|------------------------------|
|                      | Sales Organization | Multiple       | Valid Sales organization for extraction | In-Scope Sales Organizations |
|                      |                    |                |                                         |                              |
|                      |                    |                |                                         |                              |
|                      |                    |                |                                         |                              |

## 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

| DCT | Field Name | Field Description | Rule |
|-----|------------|-------------------|------|
|     |            |                   |      |
|     |            |                   |      |

## Extraction Dependencies

| Item # | Step Description                                                                                                                                                                                                           | Team Responsible |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1      | <b>Source System Availability</b> <ul style="list-style-type: none"><li>Ensure that the source database or application is accessible.</li><li>Confirm that necessary credentials and permissions are granted</li></ul>     | Syensqo IT       |
| 2      | <b>Data Structure</b> <ul style="list-style-type: none"><li>Identify relationships between tables, views, and stored procedures.</li></ul>                                                                                 | Syniti           |
| 3      | <b>Referential Integrity</b> <ul style="list-style-type: none"><li>Ensure dependent records are extracted together.</li></ul>                                                                                              | Syniti           |
| 4      | <b>Extraction Methodology</b> <ul style="list-style-type: none"><li>Define whether extraction is full, incremental, or delta-based.</li><li>Establish batch processing schedules for large datasets.</li></ul>             | Syniti           |
| 5      | <b>Performance and Scalability Considerations</b> <ul style="list-style-type: none"><li>Optimize extraction queries to prevent system overload.</li><li>Ensure network bandwidth supports data transfer volumes.</li></ul> | Syniti           |
| 6      | <b>Security and Compliance</b> <ul style="list-style-type: none"><li>Adhere to regulatory standards for sensitive information if applicable</li></ul>                                                                      | Syniti           |

## 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 Migrate 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 Migrate
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      | Identify target S/4HANA fields and determine applicable legacy source fields from ECC system (PF2/ WP2).   | Functional Team (L2C) + Data Team (L2C)       |
| 2      | Map legacy field values to S/4HANA target values (including field-level mapping and technical names)       | Data Team (L2C), Data Team (Syniti)           |
| 3      | Define value mapping rules for fields requiring standardization or harmonization across the source systems | Functional Team (L2C) + Data Team (L2C)       |
| 4      | Identify and agree on default values where legacy data is incomplete or inconsistent                       | Business Team + Functional Team (L2C)         |
| 5      | Configure transformation rules in Syniti Migrate                                                           | Data Team (Syniti)                            |
| 6      | Review transformation logic and mappings with Business for confirmation                                    | Business Team + Functional Team (L2C)         |
| 7      | Perform initial transformation run and generate draft target-ready dataset                                 | Data Team (Syniti)                            |
| 8      | Review draft target-ready data for structure and completeness                                              | Data Team (L2C), Functional Team (L2C)        |
| 9      | Share transformed data with Business for Pre-load Validation                                               | Business Team                                 |
| 10     | Incorporate feedback from Business and refine mappings or transformation logic as needed                   | Data Team (L2C)                               |
| 11     | Finalize and approve transformed data as Target Ready Load File                                            | Business + Functional (L2C) + Data Team (L2C) |
| 12     | Handover final file to Load Team or trigger the load via Syniti Load Workbench                             | Data Team (Syniti), Data Load Team            |

## Transformation Rules

| Rule #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Source system | Source Table | Source Field | Source Description   | Target System | Target Table | Target Field | Target Description   | Mapping Table | Transformation Logic                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------|--------------|----------------------|---------------|--------------|--------------|----------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Customer Material Information Records</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |              |              |                      |               |              |              |                      |               |                                                                                                                                                                                                                                                |
| <b>Data Extraction Logic for Customer Material Information Records</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               |              |              |                      |               |              |              |                      |               |                                                                                                                                                                                                                                                |
| <p>1. Process by Source System<br/>Perform the extraction steps from source system, i.e. WP2 and PF2.</p> <p>2. Extract Customer Material Information Records - Data<br/>Extract customer material information records from condition - KNMT Customer-Material Info Record Data Table) with the following filters:<br/>Sales Organization (VKORG): include only records for in-scope Sales Organizations provided in the parameter list.<br/>For fields related to Customer Master and Material Master, include records only if the corresponding migrated target value exists in the target system.</p> <p>3. Extract Customer Material Information Records - Text Selection<br/>For each item level from table KNMT above concatenate the sales organization (4 digit), distribution channel (2 digit), customer number (10 digit) and material number (18 digit) and default text object = KNMT; get the Text Name, Text ID and Language from table - STXH (STXD SAPscript text file header).</p> <p><del>Note: Text ID maybe maintained in multiple languages, please check language mapping table for list of languages to extract.</del></p> <p>4. Extract Customer Material Information Records - Text Details<br/>For each Text Object, Text Name, Text ID and Language from table - STXH above, get the Text Details via function module: read_text.</p> |               |              |              |                      |               |              |              |                      |               |                                                                                                                                                                                                                                                |
| CR0348: Distribution Channel logic - updated as per common logic #3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |              |              |                      |               |              |              |                      |               |                                                                                                                                                                                                                                                |
| 20260420-Eka: Refer to CR0455 - L2C CNV-3003 Distribution channel logic enhancement: Update this Conversion Specs Distribution Channel logic to follow CNV-3003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               |              |              |                      |               |              |              |                      |               |                                                                                                                                                                                                                                                |
| 1036-001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | WP2/ PF2      | KNMT         | VKORG        | Sales Organization   | S/4HANA       | KNMT         | VKORG        | Sales Organization   | MAP_VKORG     | Map sales organization from Source to Target using Mapping table defined here.                                                                                                                                                                 |
| 1036-002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | WP2/ PF2      | KNMT         | VTWEG        | Distribution Channel | S/4HANA       | KNMT         | VTWEG        | Distribution Channel |               | <p>RULE:</p> <ol style="list-style-type: none"> <li>1. Refer to CNV-3003 Special Requirements C. Distribution Channel Transformation</li> <li>2. Fetch S4 distribution channel for corresponding customer and material combination.</li> </ol> |

|                                           |                     |                 |                  |                                |                    |                 |                  |                                |                      |                                                                                                                                                                         |
|-------------------------------------------|---------------------|-----------------|------------------|--------------------------------|--------------------|-----------------|------------------|--------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1036-003                                  | WP2/ PF2            | KNMT            | KUNNR            | Customer                       | S/4HANA            | KNMT            | KUNNR            | Customer                       | MAP_KUNNR            | Map customer no. from Source to Target using Mapping table defined here.                                                                                                |
| 1036-004                                  | WP2/ PF2            | KNMT            | MATNR            | Material                       | S/4HANA            | KNMT            | MATNR            | Material                       | MAP_MATNR            | Map material no. from Source to Target using Mapping table defined here.                                                                                                |
| 1036-005                                  | WP2/ PF2            | KNMT            | SORTL            | Search term                    | S/4HANA            | KNMT            | SORTL            | Search term                    |                      | Copy Search Term                                                                                                                                                        |
| 1036-006                                  | WP2/ PF2            | KNMT            | KDMAT            | Customer Material              | S/4HANA            | KNMT            | KDMAT            | Customer Material              |                      | Copy Customer Material                                                                                                                                                  |
| 1036-007                                  | WP2/ PF2            | KNMT            | POSTX            | Customer Description           | S/4HANA            | KNMT            | POSTX            | Customer Description           |                      | Copy Customer Description                                                                                                                                               |
| 1036-008                                  | WP2/ PF2            | KNMT            | LPRIO            | Delivery Priority              | S/4HANA            | KNMT            | LPRIO            | Delivery Priority              | MAP_LPRIO            | Map delivery priority from Source to Target using Mapping table defined here.                                                                                           |
| 1036-009                                  | WP2/ PF2            | KNMT            | MINLF            | Minimum Delivery Qty           | S/4HANA            | KNMT            | MINLF            | Minimum Delivery Qty           |                      | Copy Minimum Delivery Qty                                                                                                                                               |
| 1036-010                                  | WP2/ PF2            | KNMT            | KZTLF            | Part.dlv./item                 | S/4HANA            | KNMT            | KZTLF            | Part.dlv./item                 |                      | Copy Part Div Item                                                                                                                                                      |
| 1036-011                                  | WP2/ PF2            | KNMT            | ANTLF            | Max.Part. Deliveries           | S/4HANA            | KNMT            | ANTLF            | Max.Part. Deliveries           |                      | Copy Max Part Deliveries                                                                                                                                                |
| 1036-012                                  | WP2/ PF2            | KNMT            | UNTT0            | Underdel. Tolerance            | S/4HANA            | KNMT            | UNTT0            | Underdel. Tolerance            |                      | Copy Underdel Tolerance                                                                                                                                                 |
| 1036-013                                  | WP2/ PF2            | KNMT            | UEBTO            | Overdeliv. Tolerance           | S/4HANA            | KNMT            | UEBTO            | Overdeliv. Tolerance           |                      | Copy Overdeliv Tolerance                                                                                                                                                |
| 1036-014                                  | WP2/ PF2            | KNMT            | UEBTK            | Unlimited Tolerance            | S/4HANA            | KNMT            | UEBTK            | Unlimited Tolerance            |                      | Copy Unlimited Tolerance                                                                                                                                                |
| 1036-015                                  | WP2/ PF2            | KNMT            | WERKS            | Plant                          | S/4HANA            | KNMT            | WERKS            | Plant                          | MAP-WERKS            | Map delivery priority from Source to Target using Mapping table defined here.                                                                                           |
| <del>1036-016</del>                       | <del>WP2/ PF2</del> | <del>KNMT</del> | <del>RDPRE</del> | <del>Rounding-Profile</del>    | <del>S/4HANA</del> | <del>KNMT</del> | <del>RDPRE</del> | <del>Rounding-Profile</del>    | <del>MAP_RDPRE</del> | <del>Map rounding profile from Source to Target using Mapping table defined here.</del>                                                                                 |
| <del>1036-017</del>                       | <del>WP2/ PF2</del> | <del>KNMT</del> | <del>MEGRU</del> | <del>Unit of Measure Grp</del> | <del>S/4HANA</del> | <del>KNMT</del> | <del>MEGRU</del> | <del>Unit of Measure Grp</del> | <del>MAP_MEGRU</del> | <del>Map unit of measure group from Source to Target using Mapping table defined here.</del>                                                                            |
| 1036-018                                  | WP2/ PF2            | KNMT            | VWPOS            | Item Usage                     | S/4HANA            | KNMT            | VWPOS            | Item Usage                     | MAP_VWPOS            | Map item usage from Source to Target using Mapping table defined here.                                                                                                  |
| <b>CMIR Long Text</b>                     |                     |                 |                  |                                |                    |                 |                  |                                |                      |                                                                                                                                                                         |
| *This CMIR Long Text is <b>Optional</b> . |                     |                 |                  |                                |                    |                 |                  |                                |                      |                                                                                                                                                                         |
| 1036-019                                  | WP2/ PF2            | KNMT            | VKORG            | Sales Organization             | S/4HANA            | KNMT            | VKORG            | Sales Organization             | MAP_VKORG            | Rule same as 1036-001                                                                                                                                                   |
| 1036-020                                  | WP2/ PF2            | KNMT            | VTWEG            | Distribution Channel           | S/4HANA            | KNMT            | VTWEG            | Distribution Channel           |                      | Rule same as 1036-002                                                                                                                                                   |
| 1036-021                                  | WP2/ PF2            | KNMT            | KUNNR            | Customer                       | S/4HANA            | KNMT            | KUNNR            | Customer                       | MAP_KUNNR            | Rule same as 1036-003                                                                                                                                                   |
| 1036-022                                  | WP2/ PF2            | KNMT            | MATNR            | Material                       | S/4HANA            | KNMT            | MATNR            | Material                       | MAP_MATNR            | Rule same as 1036-004                                                                                                                                                   |
| 1036-023                                  | WP2/ PF2            | STXH            | TDNAME           | Name                           | S/4HANA            | STXH            | TDNAME           | Name                           |                      | Concatenate:<br><br>1st 4 digit = Sales Organization<br><br>Next 2 digit = Distribution Channel<br><br>Next 10 digit = Customer No.<br><br>Last 18 digit = Material No. |
| 1036-024                                  | WP2/ PF2            | STXH            | TDID             | Text ID                        | S/4HANA            | STXH            | TDID             | Text ID                        | MAP_TDID-KNMT        | Map Text ID from Source to Target using Mapping table defined here.                                                                                                     |
| 1036-025                                  | WP2/ PF2            | STXH            | TDSPRAS          | Language Key                   | S/4HANA            | STXH            | TDSPRAS          | Language Key                   | <del>MAP_LANGU</del> | <del>Map language from Source to Target using Mapping table defined here.</del><br><br>Copy Language Key                                                                |
| 1036-026                                  | WP2/ PF2            | Function Module | Long Text        | Text Details/ Long Text        | S/4HANA            |                 |                  | Text Details                   |                      | Copy Text Details                                                                                                                                                       |

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

## Transformation Mapping

| Mapping Table Name | Mapping Table Description |
|--------------------|---------------------------|
|--------------------|---------------------------|

|               |                                                                                                                                                                                                           |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MAP_VKORG     | ECC (PF2/ WP2) to S/4AHANA Sales Organization Mapping Table                                                                                                                                               |
| MAP_KUNNR     | ECC (PF2/ WP2) to S/4AHANA Customer No. Mapping Table                                                                                                                                                     |
| MAP_MATNR     | ECC (PF2/ WP2) to S/4AHANA Material No. Mapping Table                                                                                                                                                     |
| MAP_LPRIO     | ECC (PF2/ WP2) to S/4AHANA Delivery Priority Mapping Table                                                                                                                                                |
| MAP_WERKS     | ECC (PF2/ WP2) to S/4AHANA Plant Mapping Table                                                                                                                                                            |
| MAP_RDPRF     | ECC (PF2/ WP2) to S/4AHANA Rounding Profile Mapping Table                                                                                                                                                 |
| MAP_MEGRU     | ECC (PF2/ WP2) to S/4AHANA Unit of Measure Group Mapping Table                                                                                                                                            |
| MAP_VWPOS     | ECC (PF2/ WP2) to S/4AHANA Item Usage Mapping Table                                                                                                                                                       |
| MAP_TDID-KNMT | ECC (PF2/ WP2) to S/4AHANA Text ID KNMT Mapping Table                                                                                                                                                     |
| MAP_LANGU     | ECC (PF2/ WP2) to S/4AHANA Language Mapping Table<br><br>As per MDS: Languages to be migrated must be limited to those explicitly approved for the project. It will take the local language if no change. |

## Transformation Dependencies

List the steps that need to occur before transformation can commence

| Item # | Step Description                                                                                                                                                          | Team Responsible |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 1      | Source Data Integrity<br>- Ensure extracted data is complete, accurate, and consistent.<br>- Validate that data types and formats align with transformation requirements. | Syniti           |
| 2      | Referential Integrity<br>- Ensure dependent records are transformed together or in advance                                                                                | Syniti           |
| 3      | Transformation Logic and Mapping<br>- Define data mapping rules between source and target schemas.                                                                        | Data Team        |
| 4      | Performance and Scalability Considerations<br>- Optimize transformation processes for large datasets.<br>- Ensure system resources can handle transformation workloads    | Syniti           |
| 5      | Logging and Error Handling<br>- Maintain detailed logs of transformation activities.<br>- Define error-handling procedures for failed transformations                     | Syniti           |

## Pre-Load Validation

### Project Team

The following pre-load validations will be performed by the Project Team.

### Completeness

| Task                                         | Action                                                                                                                                                                                                     |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compare Data Counts                          | 1. Verify row counts in the source databases.<br>2. Identify missing or duplicated records.                                                                                                                |
| Validate the mandatory fields                | Validate there is value for all the mandatory fields                                                                                                                                                       |
| Validate Primary Keys and Unique Constraints | 1. Check for duplicate or missing primary key values, i.e. if there is same sales organization, distribution channel, customer number and material number.<br>2. Ensure unique constraints are maintained. |
| Test Referential Integrity                   | Confirm dependent records exist in related tables, such as customer master, material master, plant, etc. S /4HANA.                                                                                         |

### Accuracy

| Task                        | Action                                                                                                                                    |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Validate the transformation | Validate the fields which require transformation have the value after transformation instead of the original field value                  |
| Check Data Consistency      | <ol style="list-style-type: none"> <li>1. Compare field values across systems</li> <li>2. Validate data formats and structures</li> </ol> |

## Business

The following pre-load validations will be performed by the business.

## Completeness

| Task                                                       | Action                                                                                                                                              |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Compare Data Counts                                        | <ol style="list-style-type: none"> <li>1. Verify row counts in the source databases.</li> <li>2. Identify missing or duplicated records.</li> </ol> |
| Review populated templates for missing or incorrect values | Use checklists to verify completeness and correctness before submission.                                                                            |

## Accuracy

| Task                | Action                                                                                                                                                         |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conversion Accuracy | Business Data Owner/s to verify that all the data in the load table/ file is accurate as per endorsed transformation/ mapping rules (and signed-off DCT data). |

## Load

The load process includes:

1. Execute the automated data load into target system using load tool or produce the load file as per format in Transformation Rule section 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      | Confirm readiness of final approved data sets for each ECC source system WP2 and PF2                                              | Business / Functional Team                                  |
| 2      | Validate transformation rules and mappings in Syniti tool                                                                         | Data Team (L2C-Data)                                        |
| 3      | Generate target-ready load files based on S/4HANA customer material info records table format                                     | Data Team (Syniti)                                          |
| 4      | Review and approve load files before execution                                                                                    | Business / Functional Team                                  |
| 5      | Execute the upload program in the S/4HANA system                                                                                  | Data Load Team                                              |
| 6      | Monitor load progress and capture load statistics (records loaded, errors, duplicates, etc.)                                      | Data Team (Syniti) / Technical Team                         |
| 7      | Extract loaded data from S/4HANA for post-load validation                                                                         | Data Team (Syniti)                                          |
| 8      | Perform post-load data validation (compare target data with source/ approved files) for all loaded customer material info records | Data Team (L2C-Data)                                        |
| 9      | Log and resolve any data load errors or mismatches identified during validation                                                   | Data Team (L2C-Data) + Functional Team + Data Team (Syniti) |
| 10     | Obtain business sign-off on successful load and validation                                                                        | Business Team                                               |
| 11     | Archive load logs, error reports, and validation results for audit/compliance                                                     | Data Team (L2C-Data) / Data Team (Syniti) / PMO             |

## Load Phase and Dependencies

The Customer Material Information Records (CMIR) will be loaded in the pre-cutover period.

Before loading, it will have dependency on the configuration and data objects in the S/4 HANA. The configuration needs to be transported into the respective system first.

### Configuration

| Item # | Configuration Item                   |
|--------|--------------------------------------|
| 1      | Sales Organization                   |
| 2      | Distribution Channel                 |
| 3      | Plant                                |
| 4      | Define Delivery Priority             |
| 5      | <del>Maintain Rounding Profile</del> |
| 6      | <del>Unit of Measure Groups</del>    |
| 7      | Define Item Category Usage           |
| 8      | Define Text Types                    |

### Conversion Objects

| Object # | Preceding Object Conversion Approach                      |
|----------|-----------------------------------------------------------|
| 3003     | Business Partners - Customer (Sales and Service) - FLCU01 |
| 2003     | Materials - Sales view with sales long text               |

### Error Handling

| Error Type                               | Error Description                                       | Action Taken                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Configuration/<br>Data<br>Transformation | The value XXX for field XXX doesn't exist               | 1. Check the mapping/ conversion is done properly in the loading file<br>2. Validate the target value is configured/ transported in the target system<br>3. Reach out to functional team to validate the configuration                                                                                                                                                     |
| Data Error                               | The Customer Master or Material Master were not defined | Validate the Customer Master or Material Master relevancy rule and sales area extension for the newly mapped distribution channel; maintain the customer master or material master if it is in migration scope.<br><br>For Material Master if the Plant are maintained in the Customer Material Info Records; also validate if the Material Master Plant view are created. |

## Post-Load Validation

### Project Team

The following post-load validations will be performed by the Project Team.

### Completeness

| Task                                 | Action                                                                                                                                       |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Validate Record count                | Validate all tables has the same records as the loading file                                                                                 |
| Perform Source-to-Target Comparisons | 1. Validate that migrated data matches source records count.<br>2. Check for discrepancies in numerical values, text fields, and timestamps. |

## Accuracy

| Task                                  | Action                                                                                                                                                                                                                   |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Conduct Post-Migration Reconciliation | Generate reports comparing pre- and post-migration data; and the field value are identical.                                                                                                                              |
| Perform Manual Testing                | Pick up a few random Sales Organization, Distribution Channel, Customer and Material, and run t-code: VD53 to validate the Customer Master Info Records were migrated correctly and can be displayed without any errors. |

## Business

Post-load validation is a critical step in data migration, ensuring that transferred data is accurate, complete, and functional within the target system.

### 1. Ensuring Data Integrity

After migration, data must be consistent with its original structure. Post-load validation checks for missing records, incorrect mappings, and formatting errors to prevent discrepancies.

### 2. Business Continuity

Faulty data can disrupt operations, leading to financial losses and inefficiencies. Validating post-load data ensures that applications function as expected, preventing downtime.

### 3. Error Detection and Resolution

By validating data post-migration, businesses can detect anomalies early, reducing the cost and effort required for corrections

## Completeness

| Task                                  | Action                                                                          |
|---------------------------------------|---------------------------------------------------------------------------------|
| Perform Source-to-Target Comparisons  | Validate that migrated data matches source records count.                       |
| Conduct Post-Migration Reconciliation | Go through post-load validation reports comparing pre- and post-migration data. |

## Accuracy

| Task                   | Action                                               |
|------------------------|------------------------------------------------------|
| Perform Manual Testing | Conduct manual spot-checks for additional assurance. |

## Key Assumptions

- Customer Material Information Records (CMIR) Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- Customer Material Information Records (CMIR) is in scope based on data design and any exception requested by business.
- There will be 2 SAP instances, one for ROW and one for China ~~and one for CUI only~~.

## See also

## Change log

| Version                | Published                 | Changed By                       | Comment |
|------------------------|---------------------------|----------------------------------|---------|
| <b>CURRENT (v. 40)</b> | <b>Apr 20, 2026 07:46</b> | <b>LIU-ext, Ekawati</b>          |         |
| <a href="#">v. 39</a>  | Feb 27, 2026 07:28        | <a href="#">LIU-ext, Ekawati</a> |         |
| <a href="#">v. 38</a>  | Feb 04, 2026 13:22        | <a href="#">LIU-ext, Ekawati</a> |         |

|       |                    |                                  |
|-------|--------------------|----------------------------------|
| v. 37 | Jan 15, 2026 14:40 | <a href="#">LIU-ext, Ekawati</a> |
| v. 36 | Jan 14, 2026 13:29 | <a href="#">LIU-ext, Ekawati</a> |
| v. 35 | Dec 07, 2025 12:21 | <a href="#">LIU-ext, Ekawati</a> |
| v. 34 | Nov 24, 2025 15:17 | <a href="#">LIU-ext, Ekawati</a> |
| v. 33 | Nov 24, 2025 15:14 | <a href="#">LIU-ext, Ekawati</a> |
| v. 32 | Nov 24, 2025 10:13 | <a href="#">LIU-ext, Ekawati</a> |
| v. 31 | Oct 24, 2025 16:46 | <a href="#">LIU-ext, Ekawati</a> |

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## Workflow history

| Title                             | Last Updated By | Updated | Status |
|-----------------------------------|-----------------|---------|--------|
| 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 20, 2026          | Actor                                                                                                   | Type  | Activity                                                                                                                                                         | Version             |
|-----------------------|---------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Approved              |  TAMRAKAR-ext, Pooja  | State | changed state to <b>Approved</b> at 7:53 am                                                                                                                      | <a href="#">v40</a> |
| Revision under Review |  TAMRAKAR-ext, Pooja | State | <div>gave <i>Minor change</i> approval at 7:53 am</div> <div>CR0455</div>                                                                                        |                     |
|                       |  LIU-ext, Ekawati    | State | <div>changed state to <b>Revision under Review</b> at 7:48 am</div> <div>Added changes as per CR0455 - L2C CNV-3003 Distribution channel logic enhancement</div> | <a href="#">v40</a> |
| Revision in Progress  |  LIU-ext, Ekawati    | State | changed state to <b>Revision in Progress</b> at 7:46 am                                                                                                          | <a href="#">v40</a> |
| Approved              |  LIU-ext, Ekawati    | Edit  | updated the page at 7:46 am                                                                                                                                      |                     |