CNV-1034 Sales Pricing Conditions

Status	Approved
Owner	THANGARAJAN-ext, Ganesan
Stakeholders	

Purpose

The purpose of this document is to define the data conversion approach for creating Pricing Condition Records in the SAP S/4HANA target system, as part of a Greenfield implementation.

In SAP ECC, sales pricing condition records exist as part of the pricing procedure configuration and are stored in condition tables such as KONV, A*, and related master and transactional tables. These records are used to define pricing elements such as base price, discounts, freight, and surcharges across sales documents.

In SAP S/4HANA, the structure and usage of pricing condition records remain largely consistent; however, data models may be simplified, and dependencies on business partners (replacing customer/vendor master records) become critical in ensuring consistency across sales and purchasing functions.

This conversion aims to migrate active and relevant sales pricing condition 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 includes the end-to-end approach for:

- Extracting existing Pricing Condition Records from SAP ECC systems WP2 and PF2.
- Applying transformation and cleansing logic via Syniti to conform with the S/4HANA data model and business partner framework.
- Loading the transformed condition records into SAP S/4HANA while ensuring data integrity, correct assignment to condition types, condition tables, access sequences, and pricing procedures.

This process will support the migration of condition records such as:

- Base Price (e.g., PR00)
- Discounts (e.g., K007, K004)
- Freight and surcharges
- Transfer Prices

The conversion will ensure all condition records are aligned to the new Pricing Key combinations defined for example, based on Business Partner, Material Masters and relevant Organizational Units (Sales Org, Distribution Channel, Division) as designed for the target S/4HANA landscape.

The data from legacy system includes:

1. List price at various key combinations including scale-based pricing as applicable
2. Discounts and surcharges at various key combinations
3. Freight condition records at various key combinations

The data from legacy system excludes:

1. Rebate condition records will be managed via Condition contracts set up
2. Commissions condition records will be managed via Condition contracts set up (Condition types : CV, CV1, CV2, Z95A, ZCOA, ZCOM)
3. Tax condition records that will be covered in CONV-1035 Tax condition records spec.

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
WP2	Pricing Condition Records		S/4HANA System	
PF2	Pricing Condition Records		S/4HANA System	

Additional Information

Multi-language Requirement

Not Applicable

Document Management

None identified. The conversion scope is limited to the migration of pricing condition data records. No document attachments, images, or supporting files are included.

Legal Requirement

N/A

Special Requirements

N/A

Target Design

The technical design of the target for this conversion approach.

Pricing Condition Data Structure for Migration

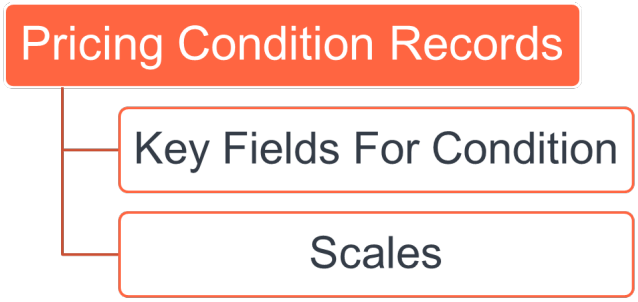
The illustration below depicts the typical structure of pricing condition records as used in S/4HANA. Each record is defined at the level of an **access sequence (key combination)** and a **validity period** for a given **condition type**.

In the SAP S/4HANA database, the condition data is physically stored across several transparent tables — primarily **KONH** (Condition Header), **KONP** (Condition Items) + **Axxx** Condition tables, **KONW** (Scales), and **KONM** (Scale Base). However, for migration purposes, the data must be organized into a structured file format that aligns with the **Migration Cockpit upload template**.

This structure consists of a **parent node** representing the **Pricing Condition Record**, with two sub-nodes:

1. **Key Fields for Condition** – capturing the access key (e.g., customer, material, sales org, distribution channel) that determines the condition table.
2. **Scales** – holding scale values, quantities, or amounts that define graduated pricing within the condition record.

This logical representation ensures that condition records can be uploaded consistently into S/4HANA using the Migration Cockpit app, while still preserving the technical mapping to the underlying condition tables in the system.



Overview of target S/4HANA transparent tables

Node / Structure	Technical Table (s)	Purpose / Description	Staging table
Pricing Condition Record	KONH	Condition header (validity period, release status, condition type, access sequence).	/1LT /DSM2300 1318
Key Fields for Condition	KONP + condition tables (Axxx)	Defines the key combination that determines which condition table is used (e.g., Customer/Material, Sales Org /Distribution Channel). Contains condition rate, currency, unit of measure, etc.	/1LT /DSM2300 1319

Scales	KONW / KONM	Holds scale values (quantity, amount, or percentage) that drive graduated or tiered pricing.	/1LT /DSM2300 1321

The SAP tables listed above represent the **final target tables** that receive data upon completion of the overall migration process. However, during the conversion phase, **each of these tables will have corresponding staging tables**, which will serve as the **target structures from a data migration perspective**.

A separate migration template must be generated for **data extraction from each source system**. This ensures that system-specific values can be captured and transformed consistently.

In addition, there may be cases where **ad-hoc data collection templates** are required for specific target condition types that do not have corresponding or sufficient data available in the current ECC systems. These ad-hoc templates will be used to gather the missing data directly from business stakeholders or relevant functional teams.

Target Structure

Table	Field	Data Element	Field Description	Data Type	Length	Requirement	Remarks
Pricing Condition Records							
/1LT /DSM230 01318	KNUMH	KNUMH	Condition Record No.*	CHAR	10	Required	Temporary number of your condition record. The record will be renumbered in the target system. You can, for example enter the legacy key of your condition record.
/1LT /DSM230 01318	KAPPL	KAPPL	Application*	CHAR	2	Required	Subdivides the usage of a condition (for example, pricing) for use in different application areas (for example, sales & distribution or purchasing).
/1LT /DSM230 01318	KSCHL	KSCHA	Condition Type*	CHAR	4	Required	The condition type indicates, for example, whether, during pricing, the system applies a price, a discount, a surcharge, or other pricing elements, such as freight costs and sales taxes. For each of these pricing elements, there is a condition type defined in the system.
/1LT /DSM230 01318	DATAB	DATAB	Valid From*	DATS	8	Required	When you create an object, the beginning date to which object is valid is defined here.
/1LT /DSM230 01318	DATBI	DATBI	Valid To*	DATS	8	Required	When you create an object, you use the ending date to define as of when the object is valid.
/1LT /DSM230 01318	KRECH	KRECH	Calculation Type	CHAR	80	Required	Determines how the system calculates prices, discounts, or surcharges in a condition. For example, the system can calculate a price as a fixed amount or as a percentage based on quantity, volume, or weight.
/1LT /DSM230 01318	KBETR	KBETR	Amount	Number	11,2	Required	The rate that determines how the system calculates pricing using this condition. Depending on the condition type, the rate can be a fixed amount or a percentage. Leave this field empty if scales exist for this condition.
/1LT /DSM230 01318	KONWA	KONWA	Condition Unit (Currency or Percentage)	CUKY	5	Required	The unit that determines whether the condition for a product is based on a percentage or on an amount in a particular currency. The use of the condition unit depends on the condition type. Examples: If you create a condition that includes prices, you enter the currency that applies to the condition (for example, "USD" for US dollars). If you are creating a condition based on percentage discounts or surcharges, you leave the field empty or fill %. The system automatically enters a percent sign as the condition unit.
/1LT /DSM230 01318	KPEIN	KPEIN	Condition Pricing Unit	DEC	5	Optional	The quantity on which the amount or percentage is based. For example, the condition can refer to 1 piece or 10 pieces.
/1LT /DSM230 01318	KMEIN	KMEIN	Condition Unit of Measure	UNIT	3	Optional	Enter the unit of measure to which the condition amount refers (for example: bottles, pieces, kilograms, or hours).
Key Fields For Condition							
Table	Field	Data Element	Field Description	Data Type	Length	Requirement	Remarks
/1LT /DSM230 01319	KNUMH	KNUMH	Condition Record No.*	CHAR	10	Required	Temporary number of your condition record. The record will be renumbered in the target system. You can, for example enter the legacy key of your condition record.
/1LT /DSM230 01319	FIELDN AME	FIELDNAME	Field Name*	CHAR	30	Required	Enter the field name for the condition according to SAP note 2332748.
/1LT /DSM230 01319	FIELDV ALUE	N/A	Field Value	CHAR	80	Required	Enter the field value that corresponds to the field name.
Scales							
/1LT /DSM230 01321	KNUMH	KNUMH	Condition Record No.*	CHAR	10	Required	Temporary number of your condition record. The record will be renumbered in the target system. You can, for example enter the legacy key of your condition record.

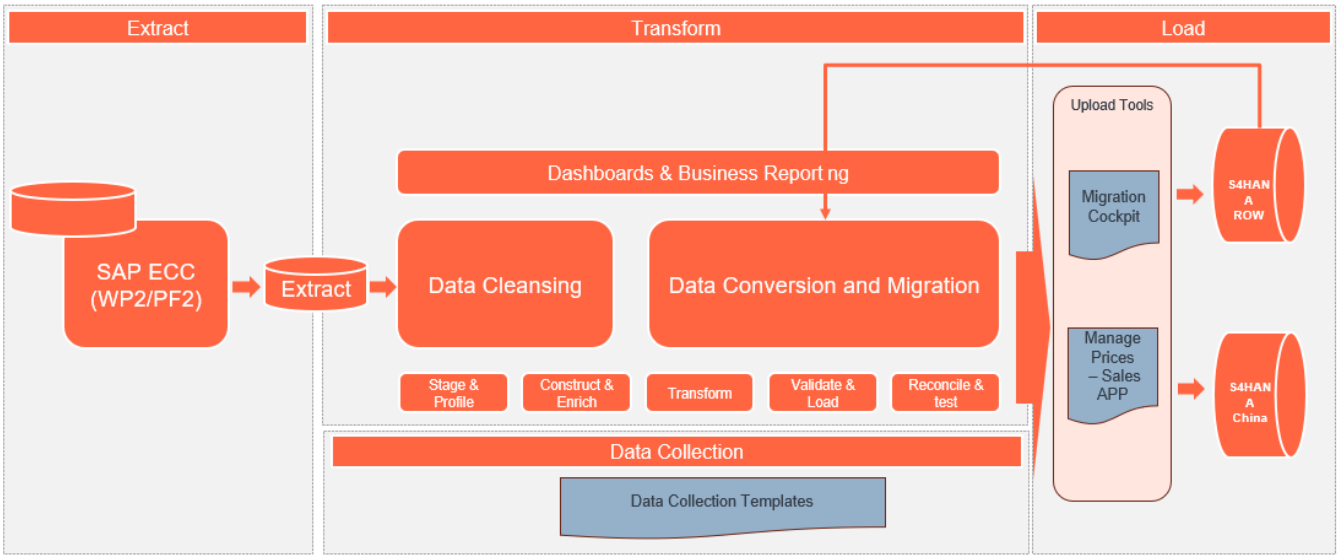
/1LT /DSM230 01321	KLFN1	KLFN1	Scales Item Counter*	NUM	4	Required	This alphanumeric field is used as a sequence number. It enables multiple key entries to be entered.
/1LT /DSM230 01321	KSTBM	KSTBM	Scale Quantity	QUAN	15	Optional	Scale quantity (for example, number of pieces) to which a scale refers.
/1LT /DSM230 01321	KONMS	KONMS	Scale Unit of Measure	UNIT	3	Optional	Enter the unit of measure for this scale rate.
/1LT /DSM230 01321	SCALE_ VAL	KSTBW	Scale Value	CURR	15	Optional	Enter the scale value for value-based scales.
/1LT /DSM230 01321	KONWA2	KONWA	Scale Currency	CUKY	5	Optional	Enter the currency for this scale rate.
/1LT /DSM230 01321	KBETR	KBETR	Scale Amount*	CURR	15	Required	Enter the amount of the scale rate for this scale entry.
/1LT /DSM230 01321	KONWA	KONWA	Scale Currency*	CUKY	5	Required	Enter the currency for this scale rate.
/1LT /DSM230 01321	KBETR_ PERC	KBETR	Scale Percentage	CURR	11	Optional	Enter the percentage value for this value-based scale.

Data Cleansing

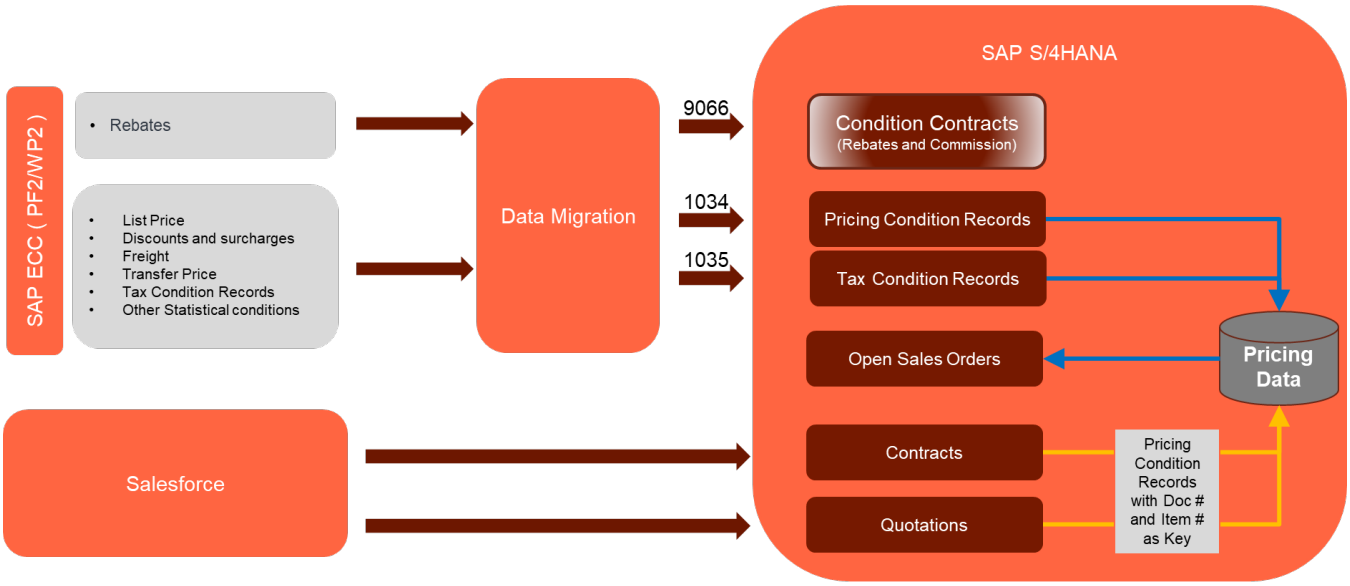
ID	Criticality	Error Message /Report Description	Rule	Output	Source System
1034 -001	C1	Remove obsolete condition records	Eliminate pricing condition records where the material, customer, or condition type is blocked or discontinued.	List of obsolete records	WP2/PF2
1034 -002	C1	Validate Customer-Material master data	Ensure pricing condition records refer to valid and active Customer and Material master records.	List of invalid Customer Material combinations	WP2/PF2
1034 -003	C1	Remove expired condition records	Delete condition records where validity end date has already passed. Exception the condition records required for open sales orders under migration scope	List of expired records	WP2/PF2
1034 -004	C1	Validate mandatory fields	Check for missing mandatory fields (e.g. Condition Value, Currency, UoM, Scale data, Validity dates).	List of incomplete records	WP2/PF2
1034 -005	C2	Detect duplicate condition records	Identify and flag duplicate pricing condition records for the same condition type, key combination, and validity period. This is possible as the source is from multiple systems WP2 and PF2	List of duplicate records	WP2/PF2
1034 -006	C1	Validate unit of measure consistency	Validate unit of measure used in pricing conditions aligns with material master base UoM and allowed UoMs.	List of inconsistent UoM records	WP2/PF2
1035 -007	C1	Remove un-used condition records during data selection period	Usage-Based Filtering : Only retain pricing condition records that have been used in at least one Sales or Billing document during data selection period	List of condition records used	WP2/PF2

Conversion Process

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



Overview of Pricing Conversion objects



Data Privacy and Sensitivity

Relevancy Criteria Summary

1. **Select Relevant Records Based on Validity** : Extract all pricing condition records that are valid as of the defined cut-off date for open sales order migration. Only include records with a validity end date greater than four years prior to the go-live date for the sales organizations in scope
2. **Exclude Condition Records** :
   - Commission conditions records are out of scope, as commissions will be handled through Condition Contracts maintained manually during BAU.
   - Rebates condition records are excluded from this extraction and will instead be processed in accordance with Conversion Specification 9066.
   - Tax condition records are excluded and will be addressed separately in line with Conversion Specification 1035.
   - All pricing condition record that is flagged / marked for deletion
   - All pricing condition records created for customers or materials that are not within the migration scope, based on the respective Customer and Material Mapping Tables.
3. **Condition Types in Scope** : The list of condition types to be migrated will be controlled via a custom mapping table MAP_KSCHL_PRICING. This table will be maintained and updated for each conversion cycle (e.g., Mock, UAT, ACO).
4. **Usage-Based Filtering** : Only retain pricing condition records that have been used in at least one Sales or Billing document within the last four years, specifically considering documents created for the sales organizations and sales document types within the defined project scope. Condition records that have not been referenced in any relevant transactional documents during this period, or that pertain to sales organizations outside the scope, will be excluded from the dataset.

Extraction

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

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

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

Extraction Run Sheet

Req #	Requirement Description	Team Responsible
1034-001	Confirm scope and extraction approach for each ECC source systems WP2, PF2 (direct DB or manual extract)	Data Team (L2C), Data Team (Syniti)
1034-002	Establish and validate Syniti connectivity to both ECC source systems	Technical / Basis Team, Data Team (Syniti)
1034-003	Perform full data extraction from relevant SAP pricing tables (e.g., A*, KONH, KONP, etc.) from both source systems WP2, PF2	Data Team (Syniti)
1034-004	Extract pricing condition records via the application layer for additional validations for Manual Data Collection using DCTs	Functional / Data Team (L2C)
1034-005	Apply agreed Relevancy Criteria to filter only applicable condition records for S/4HANA (e.g., active conditions, valid dates, active customers/materials)	Data Team (L2C), Data Team (Syniti)
1034-006	In case of restricted access or connectivity issues, receive pre-extracted pricing reports/files from source system team and upload to Syniti Migrate manually	Data Team (L2C), Data Team (Syniti)
1034-007	Identify pricing data not present in SAP (e.g., special rates, legacy exceptions) and collect manually via DCT (Data Collection Template)	Business Users / Data Team (L2C), Data Team (Syniti)
1034-008	Perform data quality checks on extracted records (e.g., missing key fields, invalid dates, incorrect formats)	Data Team (L2C), Data Team (Syniti)
1034-009	Review and approve extracted data sample sets from each source system before transformation begins	Business / Functional Team
1034-010	Archive raw extracts and maintain extraction audit logs for traceability	Data Team (L2C), Data Team (Syniti) / PMO Team

Selection Screen

Selection Ref Screen	Parameter Name	Selection Type	Requirement	Value to be entered/set
	Validity To Date	Single	Select Data that are valid from this (Valid to) date	Date
	Sales Organization	Multiple	Valid Sales organization for extraction	In-Scope Sales Organizations

Data Collection Template (DCT)

A Target Ready Data Collection Template will be created for the required data, except for fields that need transformation as per the defined transformation rules. These templates will follow the format required by the target S/4HANA pricing configuration.

Each template corresponds to a specific condition table structure, designed to handle data based on the key combinations used for one or more condition types. You can identify the correct template based on the condition type and the relevant sales organizations or entities.

Please find the complete list of Data Collection Templates in the link attached below.

DCT-CNV-1034-Pricing Condition Records V1.0

Please note, creation of Data collection template must be aligned with pricing configurations for Condition types, Access sequence and Associated Condition Tables. For now, the following Template is prepared based on Pricing Configurations from S/4HANA Sandbox environment. This will be replaced once the pricing configuration is ready.

Based on feedback received during DCT Rollout sessions conducted on 28-Jan-2026 and subsequent alignment discussions, it is agreed that the data collection specific to SPEC ID pricing will no more required as the necessary data currently available in Salesforce system and it will be applied in Sales Contracts and Quotations from Salesforce. The required pricing for SPEC ID will flow into S/4HANA as contract / quotation specific prices.

DCT Rules

Field Name	Field Description	Rule
KSCHL	Condition Type	**Mandatory**. Must be a valid condition type configured in S/4HANA. Use lookup list provided.
Field List Based on Chosen Access Table / Key Combination (Refer to Full Template List Above)		
VKORG	Sales Organization	Mandatory. Must match valid Sales Org values in target system. Only authorized values per scope should be used.
VTWEG	Distribution Channel	Optional based on condition table. Must be valid if provided.
SPART	Division	Optional. Use only if applicable. Validate against S/4HANA master data.
KUNNR	Customer Number	Must be a valid customer number in the S/4HANA master data.
LIFNR	Vendor Number	Use only when condition type applies to vendor. Must match master data.
MATNR	Material Number	Used only for material-based pricing. Should be padded to 18 characters.
WERKS	Plant	Optional. Use only if relevant for the pricing condition.
Mandatory Fields in All DCTs		
KBETR	Condition Rate	**Mandatory**. Should be numeric. Decimal separator should be "." (e.g., 25.50).
KONWA	Currency	**Mandatory**. Must be a valid ISO currency code (e.g., USD, EUR).
KPEIN	Pricing Unit	**Mandatory**. Must be numeric and represent number of units (e.g., 1, 1000).
KMEIN	Unit of Measure	**Mandatory**. Must match valid UOM from SAP (e.g., EA, KG, L).
DATAB	Valid From Date	**Mandatory**. Format: YYYYMMDD. Cannot be in the past or beyond system date range.
DATBI	Valid To Date	**Mandatory**. Format: YYYYMMDD. Must be later than Valid From date.

Extraction Dependencies

Item #	Step Description	Team Responsible
Not Applicable		

Transformation

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

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

Transformation Run Sheet

Item #	Step Description	Team Responsible
1	Identify target S/4HANA fields and determine applicable legacy source fields from both ECC systems WP2, PF2	Functional Team (L2C) + Data Team (L2C)
2	Review condition types and access tables used in each ECC source systems WP2, PF2	Business Team + Functional Team (L2C)
3	Map legacy field values to S/4HANA target values (including field-level mapping and technical names)	Data Team (L2C), Data Team (Syniti)
4	Define value mapping rules for fields requiring standardization or harmonization across the two source systems WP2, PF2 (i.e., USD, US$ mapped to USD, and ZD01 and ZDISC from ECC system mapped to ZD01 etc.,	Functional Team (L2C) + Data Team (L2C)
5	Identify and agree on default values where legacy data is incomplete or inconsistent	Business Team + Functional Team (L2C)
6	Configure transformation rules in Syniti Migrate (including calculated fields, formatting rules, etc.)	Data Team (Syniti), Data Team (L2C)
7	Review transformation logic and mappings with Business for confirmation	Business Team + Functional Team (L2C)
8	Perform initial transformation run and generate draft target-ready dataset	Data Team (Syniti),
9	Review draft target-ready data for structure and completeness	Data Team (L2C), Functional Team (L2C)
10	Share transformed data with Business for Pre-load Validation	Business Team
11	Incorporate feedback from Business and refine mappings or transformation logic as needed	Data Team (L2C)
12	Finalize and approve transformed data as Target Ready Load File	Business + Functional (L2C) + Data Team (L2C)
13	Handover final file to Load Team or trigger the load via Syniti Load Workbench	Data Team (Syniti), Data Load Team

Transformation Rules

The source and target tables have the same fields as listed in the key combination.

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Mapping Table	Transformation Logic
Pricing Condition Records										

Data Extraction Logic for Pricing Conditions

1. **Identify Relevant Condition Types**
   - Select all active entries from the **MAP_KSCHL_PRICING** mapping table where *Category = "Pricing"*.
2. **Process by Source System**
   - Perform the extraction steps **one source system at a time** (e.g., System IDs *WP2* and *FP2*).
3. **Extract Condition Records**
   - For each condition type identified in Step 1, extract records from the corresponding condition table with the following filters:
     - **Validity Date (DATBI):** Include only records with validity greater than the cut-off date defined for the current conversion cycle (as specified on the selection screen).
     - **Organizational Fields:**
       - If **VKORG** is part of the key combination, include only records for in-scope Sales Organizations provided in the parameter list.
       - Apply the same logic for **VTWEG**, **SPART**, and **VKBUR** fields.
     - **Master Data Dependencies:**
       - For fields related to Material Master and Customer Master, include records only if the corresponding **migrated target value** exists in the target system.
     - **Usage-Based Filtering**: Only retain pricing condition records that have been used in at least one Sales or Billing document (At least one records exist in KONV where KONV-KNUMH = KONH-KNUMH)
     - **Distribution Channel Mapping**: For each pricing condition record (KONH-KNUMH), determine whether it applies to **Domestic**, **Export**, or **both**, based on related sales documents.
       - Compare the **Sales Organization country** with the **Ship-To country** from the sales documents.
       - If both countries are the same, assign **Distribution Channel (VTWEG) = 20 (Domestic)**.
       - If the countries are different, assign **Distribution Channel (VTWEG) = 10 (Export)**.

     If both scenarios (Domestic and Export) exist for the same condition record, create two separate records:
     - One for **Domestic (VTWEG = 20)**
     - One for **Export (VTWEG = 10)**
4. **Header and Item Data Selection**
   - For each qualifying record (identified by **KNUMH**), extract the required header and item data from:
     - **KONH** (Condition Record Header)
     - **KONP** (Condition Record Items)

1034-001	PF2, WP2	KONH	KNUMH	Condition Record No.*	S/4HANA	/1LT /DSM23001 318	KNUMH	Condition Record No.*	RULE	Temporary number of target condition record. The record will be renumbered in the S/4HANA system. Please refer to the below **Key Adjustment for Legacy KNUMH** section for the KNUMH transformation Rule
1034-002	PF2, WP2	KONP	KAPPL	Application*	S/4HANA	/1LT /DSM23001 318	KAPPL	Application*		Expected Value "V" - Sales and Distribution
1034-003	PF2, WP2	KONP	KSCHL	Condition Type*	S/4HANA	/1LT /DSM23001 318	KSCHL	Condition Type*	MAP_KSCHL _PRICING	Map Condition type from Source to Target using Mapping table defined here. Multiple records may be available for the selection but all will lead to same target condition for an input condition type
1034-004	PF2, WP2	KONH	DATAB	Valid From*	S/4HANA	/1LT /DSM23001 318	DATAB	Valid From*		Copy Valid from Date
1034-005	PF2, WP2	KONH	DATBI	Valid To*	S/4HANA	/1LT /DSM23001 318	DATBI	Valid To*		Copy Valid To Date
1034-006	PF2, WP2	KONP	KRECH	Calculation Type	S/4HANA	/1LT /DSM23001 318	KRECH	Calculation Type		Determines how the system calculates prices, discounts, or surcharges in a condition. For example, the system can calculate a price as a fixed amount or as a percentage based on quantity, volume, or weight.
1034-007	PF2, WP2	KONP	KBETR	Amount	S/4HANA	/1LT /DSM23001 318	KBETR_EXT	Amount	RULE	The rate that determines how the system calculates pricing using this condition. Depending on the condition type, the rate can be a fixed amount or a percentage. Leave this field empty if scales exist for this condition. Please refer to the below **Conversion logic for Condition values** section to transform the value
1034-008	PF2, WP2	KONP	KONWA	Condition Unit (Currency or Percentage)	S/4HANA	/1LT /DSM23001 318	KONWA	Condition Unit (Currency or Percentage)		The unit that determines whether the condition for a product is based on a percentage or on an amount in a particular currency. The use of the condition unit depends on the condition type. Examples: If you create a condition that includes prices, you enter the currency that applies to the condition (for example, "USD" for US dollars). If you are creating a condition based on percentage discounts or surcharges, you leave the field empty or fill %. The system automatically enters a percent sign as the condition unit.
1034-009	PF2, WP2	KONP	KPEIN	Condition Pricing Unit	S/4HANA	/1LT /DSM23001 318	KPEIN	Condition Pricing Unit		The quantity on which the amount or percentage is based. For example, the condition can refer to 1 piece or 10 pieces.
1034-010	PF2, WP2	KONP	KMEIN	Condition Unit of Measure	S/4HANA	/1LT /DSM23001 318	KMEIN	Condition Unit of Measure	RULE	Enter the unit of measure (ISO Codes used in S /4HANA). **Refer to the rule provided below**

Key Fields for Condition

For each condition record identified in the extraction step, one or more entries must be generated in the **Key Fields for Condition** structure of the migration data template:

- **Key-Value Pairs:** Create one entry for each field listed in the target key combination (fields separated by "/"), with the field name as the *Key* and the transformed value as the *Value*.
- **Release Status Handling:** If the field **ReleaseStatusEnabled** is flagged as "X", create an additional entry with **Key = KFRST** and **Value = BLANK**.
- **Transformation Mapping:** If any field in the target key combination is defined in the **Transformation Mapping** section, apply the relevant transformation logic before assigning the value to the target field.

1034-011	PF2, WP2	KONH	KNUMH	Condition Record No.*	S/4HANA	/1LT /DSM23001 319	KNUMH	Condition Record No.*	RULE	Temporary number of condition record copied from the previous section
1034-012	PF2, WP2	DD03L	FIELDNAME	Field Name*	S/4HANA	/1LT /DSM23001 319	FIELDNAME	Field Name*		Enter the field name for the condition

1034-013	PF2, WP2	N/A	FIELDVALUE	Field Value	S/4HANA	/1LT /DSM23001 319	FIELDVALUE	Field Value		Enter the field value that corresponds to the field name.
Scales										
For each condition record identified in the extraction step, ZERO or more entries must be generated in the **Scales** structure of the migration data template: if the KONP-KZBZG Scale basis Indicator is B read data from KONW table otherwise read data from KONM table.										
1034-014	PF2, WP2	KONH	KNUMH	Condition Record No.*	S/4HANA	/1LT /DSM23001 321	KNUMH	Condition Record No.*	RULE	Temporary number of condition record copied from the previous section
1034-015	PF2, WP2	KONM	KLFN1	Scales Item Counter*	S/4HANA	/1LT /DSM23001 321	KLFN1	Scales Item Counter*		This alphanumeric field is used as a sequence number. It enables multiple key entries to be entered..
Quantity-based Scales - Fill in the following section from KONM table if the KONP-KZBZG Scale basis indicator is not blank and not "B"										
1034-016	PF2, WP2	KONM	KSTBM	Scale Quantity	S/4HANA	/1LT /DSM23001 321	KSTBM	Scale Quantity		Scale quantity (for example, number of pieces) to which a scale refers.
1034-017	PF2, WP2	KONP	KONMS	Scale Unit of Measure	S/4HANA	/1LT /DSM23001 321	KONMS	Scale Unit of Measure	RULE	Enter the unit of measure (ISO Codes used in S /4HANA). Refer to the rule provided below
Value-Based Scales - Fill in the following section from KONW table if the KONP-KZBZG Scale basis indicator is "B"										
1034-018	PF2, WP2	KONW	KSTBW	Scale Value	S/4HANA	KONW	KSTBW	Scale Value	RULE	Please refer to the below **Conversion logic for Condition values** section to transform the value
1034-019	PF2, WP2	KONP	KONWS	Scale Currency	S/4HANA	KONP	KONWS	Scale Currency		Enter the currency for this scale rate if the KONP-KZBZG Scale basis indicator is "B"
Scale Amount or Ratio - Fill in the following section if KONP-KZBZG is not blank										
1034-020	PF2, WP2	KONM /KONW	KBETR	Scale Amount	S/4HANA	/1LT /DSM23001 321	KBETR	Scale Amount	RULE	Enter the amount of the scale rate for this scale entry. Get KBETR from table KONW if KONP-KZBZG = "B" , get from table KONM if the KONP-KZBZG is non blank and not "B" Please refer to the below **Conversion logic for Condition values** section to transform the value
1034-021	PF2, WP2	KONP	KONWA	Scale Currency	S/4HANA	/1LT /DSM23001 321	KONWA	Scale Currency		Enter the currency for this scale rate.
1034-022	PF2, WP2	KONM	KBETR	Scale Percentage	S/4HANA	KONM	KBETR	Scale Percentage	RULE	Enter the percentage value for this value-based scale. Please refer to the below **Conversion logic for Condition values** section to transform the value

Transformation Mapping

Transformation mapping must be applied using the respective **MAP_*** tables for the fields listed below. The transformed values will be used in the **Key Fields for Condition** section of the migration template.

For each field included in the target key combination, the source value must be validated and, if required, transformed using the corresponding mapping table before being assigned to the target field. This ensures consistency between source and target systems and prevents invalid or unmapped values from being migrated.

Field Name	Mapping Table Name	Mapping Table Description
AUART_SD	MAP_AUART	Sales Document Types
BUKRS	MAP_BUKRS	Company Code
KUNAG	MAP_KUNNR	Business Partner - Customer
KUNNR	MAP_KUNNR	Business Partner - Customer
KUNRG	MAP_KUNNR	Business Partner - Customer
KUNWE	MAP_KUNNR	Business Partner - Customer
LGORT	MAP_LGORT	Storage Location
MATKL	MAP_MATKL	Material Group
MATNR	MAP_MATNR	Material Master
PRODH	MAP_PRODH	Product Hierarchy
SPART	MAP_SPART	Division
VKBUR	MAP_VKBUR	Sales Office
VKORG	MAP_VKORG	Sales Organization
VKORGAU	MAP_VKORG	Sales Organization

VTWEG		Mapping table cannot be used for distribution channel. Please refer the "Distribution Channel Mapping" section for details
WERKS	MAP_WERKS	Plant
INCO1	MAP_INCO1	Inco Term 1 Mapping
VBELN	MAP_VBELN	Map VBELN
	MAP_KSCHL_PRICING	Mapping for Pricing Condition Types (Data Construction Page)

Proposed Mapping for Pricing Condition Types (Data Construction Page)

The following mapping table has been designed to define the relationship between source Pricing Condition Types and their corresponding target condition types and transparent tables in S/4HANA. In addition to serving as the basis for determining the appropriate target objects, this mapping acts as a control mechanism to ensure that only valid records with corresponding configuration available in the target system are migrated.

Any records that lack a valid target condition type or condition table assignment will be excluded from the data extraction process. Sample entries have been included based on the current ECC data. The final target values will be manually maintained once the pricing configuration is completed and the condition tables are available.

Key Combination Field Transformation

The *Key Combination* field defines the set of fields that uniquely identify a condition record. For each source condition record, the values of these fields must be mapped (where applicable) using the relevant mapping tables and then transferred to the equivalent fields defined in the target *Key Combination*.

The list of fields used in a given key combination can also be derived from the **DD03L** table in the respective source and target systems.

Example:

- **Source Key Combination:** VKBUR / VKORG / VTWEG / SPART / KUNNR / MATNR
- **Target Key Combination:** VKBUR / VKORG / VTWEG / SPART / KUNNR / MATNR

In this case, the value found in the **source field VKBUR** must be transformed using the **MAP_VKBUR** mapping table. The transformed value is then assigned to the **VKBUR** field in the target key combination, creating a new key-value pair in the target **Key Fields for Condition** structure.

When Release Status is enabled, a new Key value pair for field "**KFRST**" with **Blank** value needs to be added in the target **Key Fields for Condition** structure.

	Source				Target					
Category	**System ID**	**Condition Type**	**Table Name**	**Key Combination**	**T_SystemID**	**T_ConditionType**	**T_TableName**	**ReleaseStatusEnabled**	**ReleaseStatusEnabled**	**Active**
Pricing	PF2	GRWR	A755	ALAND / INCO1 / LLAND	S/4HANA	GRWR	/1LT/DSM2300 1319	ALAND / INCO1 / LLAND		
Pricing	PF2	GRWR	A751	INCO1	S/4HANA	GRWR	/1LT/DSM2300 1319	INCO1		
Pricing	PF2	IP	A604	AUART_SD	S/4HANA	IP	/1LT/DSM2300 1319	AUART_SD		
Pricing	PF2	IP	A617	VKORGAU / VTWEG / SPART / WERKS / MATNR	S/4HANA	IP	/1LT/DSM2300 1319	VKORGAU / VTWEG / SPART / WERKS / MATNR		
Pricing	PF2	IP	A605	VKBUR / VKORGAU / VTWEG / SPART / WERKS / PRODH	S/4HANA	IP	/1LT/DSM2300 1319	VKBUR / VKORGAU / VTWEG / SPART / WERKS / PRODH		
Pricing	PF2	IP	A608	VKBUR / VKORGAU / VTWEG / SPART / WERKS / ZZPRODH_P3	S/4HANA	IP	/1LT/DSM2300 1319	VKBUR / VKORGAU / VTWEG / SPART / WERKS / ZZPRODH_P3		
Pricing	PF2	IP	A601	VKORGAU / VTWEG / SPART / WERKS	S/4HANA	IP	/1LT/DSM2300 1319	VKORGAU / VTWEG / SPART / WERKS		
Pricing	PF2	IP	A616	VKBUR / VKORGAU / VTWEG / SPART	S/4HANA	IP	/1LT/DSM2300 1319	VKBUR / VKORGAU / VTWEG / SPART		
Pricing	PF2	PC	A513	VKBUR / VKORG / VTWEG / SPART / KUNNR / INCO1 / MATNR	S/4HANA	PC	/1LT/DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / KUNNR / INCO1 / MATNR		

Pricing	PF2	PC	A514	VKBUR / VKORG / VTWEG / SPART / INCO1 / MATNR	S /4HANA	PC	/1LT /DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / INCO1 / MATNR		
Pricing	PF2	PCCU	A099	VBELN / POSNR	S /4HANA	ZPR1	/1LT /DSM2300 1319	VBELN / POSNR		
Pricing	PF2	PCCU	A563	SPART / PLTYP / VKORG / PRODH / MATKL / INCO1 / KUNAG / ZZKUNZF	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / INCO1 / KUNAG / ZZKUNZF		
Pricing	PF2	PCCU	A567	SPART / PLTYP / VKORG / PRODH / MATKL / INCO1 / KUNAG	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / INCO1 / KUNAG		
Pricing	PF2	PCCU	A549	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / ZZKUNZF / MATNR	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / ZZKUNZF / MATNR		
Pricing	PF2	PCCU	A552	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / ZZKUNZF	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / ZZKUNZF		
Pricing	PF2	PCCU	A554	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / KUNWE	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / KUNWE		
Pricing	PF2	PCCU	A569	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / MATNR	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / MATNR		
Pricing	PF2	PCCU	A635	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / WAERK	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG / WAERK		
Pricing	PF2	PCCU	A568	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG		
Pricing	PF2	PCLX	A568	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / KUNAG		
Pricing	PF2	PL	A576	SPART / PLTYP / VKORG / PRODH / MATKL / MATNR	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / MATNR		
Pricing	PF2	PL	A577	SPART / PLTYP / VKORG / PRODH / MATKL	S /4HANA	ZPR1	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL		
Pricing	PF2	PMS	A659	SPART / PLTYP / VKORG / PRODH / MATKL / ZZTEAMC	S /4HANA	ZPR0	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / ZZTEAMC		
Pricing	PF2	PMS	A573	SPART / PLTYP / VKORG / PRODH / MATKL / ZZMVGR4 / ZZMVGR5	S /4HANA	ZPR0	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / ZZMVGR4 / ZZMVGR5		
Pricing	PF2	PMS	A575	SPART / PLTYP / VKORG / PRODH / MATKL / ZZMVGR4	S /4HANA	ZPR0	/1LT /DSM2300 1319	SPART / PLTYP / VKORG / PRODH / MATKL / ZZMVGR4		
Pricing	PF2	R1	A099	VBELN / POSNR	S /4HANA	R1	/1LT /DSM2300 1319	VBELN / POSNR		
Pricing	PF2	R1	A512	VKBUR / VKORG / VTWEG / SPART / KUNNR / INCO1 / MATNR / WERKS	S /4HANA	R1	/1LT /DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / KUNNR / INCO1 / MATNR / WERKS		
Pricing	PF2	R1	A516	VKBUR / VKORG / VTWEG / SPART / KUNNR / MATNR	S /4HANA	R1	/1LT /DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / KUNNR / MATNR		
Pricing	PF2	R1	A517	VKBUR / VKORG / VTWEG / SPART / KUNNR	S /4HANA	R1	/1LT /DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / KUNNR		
Pricing	PF2	RDLV	A751	INCO1	S /4HANA	RDLV	/1LT /DSM2300 1319	INCO1		
Pricing	PF2	RN	A516	VKBUR / VKORG / VTWEG / SPART / KUNNR / MATNR	S /4HANA	RN	/1LT /DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / KUNNR / MATNR		
Pricing	PF2	RN	A517	VKBUR / VKORG / VTWEG / SPART / KUNNR	S /4HANA	RN	/1LT /DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / KUNNR		
Pricing	PF2	RN	A9AD	VKORG / VTWEG / SPART / AUART_SD	S /4HANA	RN	/1LT /DSM2300 1319	VKORG / VTWEG / SPART / AUART_SD		
Pricing	PF2	TU	A099	VBELN / POSNR	S /4HANA	TU	/1LT /DSM2300 1319	VBELN / POSNR		
Pricing	PF2	TU	A515	VKBUR / VKORG / VTWEG / SPART / KUNNR / KUNWE / MATNR	S /4HANA	TU	/1LT /DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / KUNNR / KUNWE / MATNR		

Pricing	PF2	TU	A516	VKBUR / VKORG / VTWEG / SPART / KUNNR / MATNR	S/4HANA	TU	/1LT/DSM2300 1319	VKBUR / VKORG / VTWEG / SPART / KUNNR / MATNR		
Pricing	PF2	ZIP	A604	AUART_SD	S/4HANA	ZIP	/1LT/DSM2300 1319	AUART_SD		
Pricing	PF2	ZSKT	A599	ZTERM	S/4HANA	ZSKT	/1LT/DSM2300 1319	ZTERM		
Pricing	PF2	ZTPB	A584	SPART / VKORG / KUNAG / MATNR	S/4HANA	ZTPB	/1LT/DSM2300 1319	SPART / VKORG / KUNAG / MATNR		
Pricing	PF2	ZTPD	A581	SPART / VKORG / KUNAG / KUNWE / MATNR	S/4HANA	ZTPD	/1LT/DSM2300 1319	SPART / VKORG / KUNAG / KUNWE / MATNR		
Pricing	PF2	ZV80	A895	ALAND / J_1AFITP / KUNNR	S/4HANA	ZV80	/1LT/DSM2300 1319	ALAND / J_1AFITP / KUNNR		
Pricing	PF2	ZV80	A395	ALAND / J_1AFITP	S/4HANA	ZV80	/1LT/DSM2300 1319	ALAND / J_1AFITP		
Pricing	PF2	ZV82	A350	VKORG	S/4HANA	ZV82	/1LT/DSM2300 1319	VKORG		
Pricing	PF2	ZV83	A350	VKORG	S/4HANA	ZV83	/1LT/DSM2300 1319	VKORG		
Pricing	WP2	GRWR	A528	VKORG / WERKS / LAND1 / INCO1	S/4HANA	GRWR	/1LT/DSM2300 1319	VKORG / WERKS / LAND1 / INCO1		
Pricing	WP2	GRWR	A508	VKORG / INCO1	S/4HANA	GRWR	/1LT/DSM2300 1319	VKORG / INCO1		
Pricing	WP2	PPAR	A090	VBELN / POSNR / MATNR	S/4HANA	PPAR	/1LT/DSM2300 1319	VBELN / POSNR / MATNR		
Pricing	WP2	PR00	A847	VKORG / VTWEG / KUNNR / MATNR / INCO1 / WERKS	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1 / WERKS		
Pricing	WP2	PR00	A9AG	VKORG / VTWEG / KUNNR / MATNR / INCO1 / VRKME	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1 / VRKME		
Pricing	WP2	PR00	A999	VKORG / VTWEG / KUNNR / MATNR / INCO1	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1		
Pricing	WP2	PR00	A005	VKORG / VTWEG / KUNNR / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR		
Pricing	WP2	PR00	A970	VKORG / VTWEG / KUNNR / KUNWE / MATNR / INCO1	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / KUNWE / MATNR / INCO1		
Pricing	WP2	PR00	A616	VKORG / VTWEG / KUNNR / MATNR / PLTYP	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / PLTYP		
Pricing	WP2	PR00	A944	VKORG / VTWEG / KUNNR / KUNWE / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / KUNWE / MATNR		
Pricing	WP2	PR00	A004	VKORG / VTWEG / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / MATNR		
Pricing	WP2	PRIN	A847	VKORG / VTWEG / KUNNR / MATNR / INCO1 / WERKS	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1 / WERKS		
Pricing	WP2	PRIN	A999	VKORG / VTWEG / KUNNR / MATNR / INCO1	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1		
Pricing	WP2	PRIN	A005	VKORG / VTWEG / KUNNR / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR		
Pricing	WP2	PRIN	A004	VKORG / VTWEG / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / MATNR		
Pricing	WP2	Z036	A911	VKORG / VTWEG / SPART / KUNNR / MATNR / INCO1 / WERKS	S/4HANA	Z036	/1LT/DSM2300 1319	VKORG / VTWEG / SPART / KUNNR / MATNR / INCO1 / WERKS		
Pricing	WP2	Z049	A674	VKORG / PLTYP / MATNR	S/4HANA	Z049	/1LT/DSM2300 1319	VKORG / PLTYP / MATNR		

Pricing	WP2	Z049	A675	VKORG / PLTYP / SPART	S/4HANA	Z049	/1LT/DSM2300 1319	VKORG / PLTYP / SPART		
Pricing	WP2	ZA02	A090	VBELN / POSNR / MATNR	S/4HANA	ZA02	/1LT/DSM2300 1319	VBELN / POSNR / MATNR		
Pricing	WP2	ZAED	A004	VKORG / VTWEG / MATNR	S/4HANA	ZAED	/1LT/DSM2300 1319	VKORG / VTWEG / MATNR		
Pricing	WP2	ZAED	A005	VKORG / VTWEG / KUNNR / MATNR	S/4HANA	ZAED	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR		
Pricing	WP2	ZAED	A873	VKORG / ALAND / LAND1	S/4HANA	ZAED	/1LT/DSM2300 1319	VKORG / ALAND / LAND1		
Pricing	WP2	ZAED	A854	ALAND / WERKS / STEUC / ZZKVGR1	S/4HANA	ZAED	/1LT/DSM2300 1319	ALAND / WERKS / STEUC / ZZKVGR1		
Pricing	WP2	ZALW	A746	VKORG / WKREG / REGIO / VSBED / TRAGR	S/4HANA	ZALW	/1LT/DSM2300 1319	VKORG / WKREG / REGIO / VSBED / TRAGR		
Pricing	WP2	ZDPR	A627	AUART_SD	S/4HANA	ZDPR	/1LT/DSM2300 1319	AUART_SD		
Pricing	WP2	ZECS	A873	VKORG / ALAND / LAND1	S/4HANA	ZECS	/1LT/DSM2300 1319	VKORG / ALAND / LAND1		
Pricing	WP2	ZECS	A854	ALAND / WERKS / STEUC / ZZKVGR1	S/4HANA	ZECS	/1LT/DSM2300 1319	ALAND / WERKS / STEUC / ZZKVGR1		
Pricing	WP2	ZENC	A614	LAND1	S/4HANA	ZENC	/1LT/DSM2300 1319	LAND1		
Pricing	WP2	ZEXD	A005	VKORG / VTWEG / KUNNR / MATNR	S/4HANA	ZEXD	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR		
Pricing	WP2	ZEXD	A873	VKORG / ALAND / LAND1	S/4HANA	ZEXD	/1LT/DSM2300 1319	VKORG / ALAND / LAND1		
Pricing	WP2	ZEXE	A854	ALAND / WERKS / STEUC / ZZKVGR1	S/4HANA	ZEXE	/1LT/DSM2300 1319	ALAND / WERKS / STEUC / ZZKVGR1		
Pricing	WP2	ZFE1	A885	RESWK / MATNR	S/4HANA	ZFE1	/1LT/DSM2300 1319	RESWK / MATNR		
Pricing	WP2	ZFE1	A745	WERKS / SPART / LAND1	S/4HANA	ZFE1	/1LT/DSM2300 1319	WERKS / SPART / LAND1		
Pricing	WP2	ZFE1	A510	RESWK / LAND1	S/4HANA	ZFE1	/1LT/DSM2300 1319	RESWK / LAND1		
Pricing	WP2	ZFE1	A511	RESWK	S/4HANA	ZFE1	/1LT/DSM2300 1319	RESWK		
Pricing	WP2	ZFR1	A517	WERKS / LAND1	S/4HANA	ZFR1	/1LT/DSM2300 1319	WERKS / LAND1		
Pricing	WP2	ZFRI	A627	AUART_SD	S/4HANA	ZFRI	/1LT/DSM2300 1319	AUART_SD		
Pricing	WP2	ZHEC	A873	VKORG / ALAND / LAND1	S/4HANA	ZHEC	/1LT/DSM2300 1319	VKORG / ALAND / LAND1		
Pricing	WP2	ZHEC	A854	ALAND / WERKS / STEUC / ZZKVGR1	S/4HANA	ZHEC	/1LT/DSM2300 1319	ALAND / WERKS / STEUC / ZZKVGR1		
Pricing	WP2	ZHEE	A854	ALAND / WERKS / STEUC / ZZKVGR1	S/4HANA	ZHEE	/1LT/DSM2300 1319	ALAND / WERKS / STEUC / ZZKVGR1		
Pricing	WP2	ZI01	A855	VKORG / WERKS / MATNR	S/4HANA	ZI01	/1LT/DSM2300 1319	VKORG / WERKS / MATNR		
Pricing	WP2	ZKP0	A868	VKORG / VTWEG / KUNWE	S/4HANA	ZKP0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNWE		
Pricing	WP2	ZKP0	A849	VKORG / VTWEG / KUNAG	S/4HANA	ZKP0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNAG		

Pricing	WP2	ZKP0	A004	VKORG / VTWEG / MATNR	S/4HANA	ZKP0	/1LT/DSM2300 1319	VKORG / VTWEG / MATNR		
Pricing	WP2	ZLO1	A509	VKORG / LAND1 / INCO1	S/4HANA	ZLO1	/1LT/DSM2300 1319	VKORG / LAND1 / INCO1		
Pricing	WP2	ZLO1	A508	VKORG / INCO1	S/4HANA	ZLO1	/1LT/DSM2300 1319	VKORG / INCO1		
Pricing	WP2	ZLO2	A508	VKORG / INCO1	S/4HANA	ZLO2	/1LT/DSM2300 1319	VKORG / INCO1		
Pricing	WP2	ZPB0	A999	VKORG / VTWEG / KUNNR / MATNR / INCO1	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1		
Pricing	WP2	ZPB0	A616	VKORG / VTWEG / KUNNR / MATNR / PLTYP	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / PLTYP		
Pricing	WP2	ZPB0	A599	VKORG / KUNNR / MATNR / PLTYP	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / KUNNR / MATNR / PLTYP		
Pricing	WP2	ZPCA	A005	VKORG / VTWEG / KUNNR / MATNR	S/4HANA	ZPCA	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR		
Pricing	WP2	ZPLI	A889	WERKS / VKORGAU / SPART	S/4HANA	ZPLI	/1LT/DSM2300 1319	WERKS / VKORGAU / SPART		
Pricing	WP2	ZPLI	A681	VKORGAU / WERKS	S/4HANA	ZPLI	/1LT/DSM2300 1319	VKORGAU / WERKS		
Pricing	WP2	ZPRE	A847	VKORG / VTWEG / KUNNR / MATNR / INCO1 / WERKS	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1 / WERKS		
Pricing	WP2	ZPRE	A9AG	VKORG / VTWEG / KUNNR / MATNR / INCO1 / VRKME	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1 / VRKME		
Pricing	WP2	ZPRE	A999	VKORG / VTWEG / KUNNR / MATNR / INCO1	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1		
Pricing	WP2	ZPRE	A005	VKORG / VTWEG / KUNNR / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR		
Pricing	WP2	ZPRE	A970	VKORG / VTWEG / KUNNR / KUNWE / MATNR / INCO1	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / KUNWE / MATNR / INCO1		
Pricing	WP2	ZPRE	A972	VKORG / VTWEG / KUNNR / KUNWE / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / KUNWE / MATNR		
Pricing	WP2	ZPRE	A644	VKORG / VTWEG / KUNNR / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR		
Pricing	WP2	ZPRE	A645	VKORG / VTWEG / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / MATNR		
Pricing	WP2	ZPRE	A004	VKORG / VTWEG / MATNR	S/4HANA	ZPR0	/1LT/DSM2300 1319	VKORG / VTWEG / MATNR		
Pricing	WP2	ZPRI	A999	VKORG / VTWEG / KUNNR / MATNR / INCO1	S/4HANA	ZPR1	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR / INCO1		
Pricing	WP2	ZPRI	A644	VKORG / VTWEG / KUNNR / MATNR	S/4HANA	ZPR1	/1LT/DSM2300 1319	VKORG / VTWEG / KUNNR / MATNR		
Pricing	WP2	ZPRI	A645	VKORG / VTWEG / MATNR	S/4HANA	ZPR1	/1LT/DSM2300 1319	VKORG / VTWEG / MATNR		
Pricing	WP2	ZPRI	A646	VKORG / MATNR	S/4HANA	ZPR1	/1LT/DSM2300 1319	VKORG / MATNR		
Pricing	WP2	ZREI	A681	VKORGAU / WERKS	S/4HANA	ZREI	/1LT/DSM2300 1319	VKORGAU / WERKS		
Pricing	WP2	ZREI	A854	ALAND / WERKS / STEUC / ZZKVGR1	S/4HANA	ZREI	/1LT/DSM2300 1319	ALAND / WERKS / STEUC / ZZKVGR1		
Pricing	WP2	ZRTR	A778	ALAND / LAND1 / WERKS / STEUC	S/4HANA	ZRTR	/1LT/DSM2300 1319	ALAND / LAND1 / WERKS / STEUC		

Pricing	WP2	ZSEG	A627	AUART_SD	S/4HANA	ZSEG	/1LT/DSM2300 1319	AUART_SD		
Pricing	WP2	ZTEI	A681	VKORGAU / WERKS	S/4HANA	ZTEI	/1LT/DSM2300 1319	VKORGAU / WERKS		
Pricing	WP2	ZTPD	A099	VBELN / POSNR	S/4HANA	ZTPD	/1LT/DSM2300 1319	VBELN / POSNR		
Pricing	WP2	ZTPD	A862	VKORG / WERKS / KUNNR / MATNR	S/4HANA	ZTPD	/1LT/DSM2300 1319	VKORG / WERKS / KUNNR / MATNR		

Distribution Channel Mapping

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible
1	Value Mapping Tables are complete	Functional Team (L2C) + Data Team (L2C)
2	Pricing configuration is complete	Functional Team (L2C) + Data Team (L2C)
3	Org structure configuration is complete	Functional Team (L2C) + Data Team (L2C)
4	Dependent Master Data records for Customer and Material are loaded	Functional Team (L2C) + Data Team (L2C)

Conversion logic for Condition values

When copying data between SAP tables condition values from field KBETR can be copied directly without transformation. But for ETL involving extracted load file, condition values may require transformation depending on the condition type and currency.

The following rules apply:

- **Condition Type (%)**
  - If the condition type is percentage (T685A-KRECH = A), divide the value by 10.
- **Currency Conversion (TCURX Table Reference)**
  - Check the number of decimal places maintained for the currency in **TCURX**.
  - Conversion rule:

Scale Factor=$10^{(2Decimal_Places)}$

    - If the result is positive, multiply the value.
    - If the result is negative, divide the value.
    - If the result is zero, keep the value unchanged.
- **Other Cases**
  - Copy the value as-is.

Example :

Condition Type	Currency	Original Value	TCURX Decimal Places	Calculation	Converted Value
% (T685A-KRECH = A)	%	150	-	150 ÷ 10	15
Value	JPY	6.54	0	2 – 0 = 2 Multiply by 100	654
Value	USD4	10.4	4	2 – 4 = -2 Divide by 100	0.104
Value	EUR	200	2	2 – 2 = 0 No change	200

Unit of Measure ISO Code determination

1. S/4HANA uses ISO codes for Units of Measure.
2. "ST" might exist in legacy ECC system as a UoM for pieces, but in S/4, the system expects PC (or another ISO-compliant code).
3. The Migration Cockpit validates the mapping against table T006 (Units of Measure) and ISO code mapping.
4. Input PC Preferably internal code ST in T006 and get the ISO Code as input to the load file

Cl.	MU	3	6	DcR	C	V	1	2	Dimen.	Numerator	Denominat.	Exp	Add.const.	FPE	Dec	ISO
100	ST	X	X	0	X	X			AAAADL	1	1	0	0.000000	0	3	94

Key Adjustment for Legacy KNUMH

During data migration, the **legacy key KNUMH** must be adjusted to ensure uniqueness across multiple source systems.

- Replace the **first character** of the 10-digit legacy KNUMH with a system-specific prefix:
    - **PF2:** Replace the first character with **1**
    - **WP2:** Replace the first character with **2**

Example:

- Legacy KNUMH `0016781971` Migrated as `1016781971` (for PF2)
- Legacy KNUMH `0016781971` Migrated as `2016781971` (for WP2)

This ensures that condition records originating from different source systems remain uniquely identifiable in the target migration data.

Pre-Load Validation

Project Team

Completeness

Task	Action
Configuration	Ensure necessary configurations are in place in target system and field mapping is aligned with access sequence, pricing condition types
Review Mapping Table	Ensure all the source organization units are mapped with target values
Check Values	Validate the pre-load data confirming the values are aligned with target system format and
Validate template structure and required field population	Ensure mandatory fields like VKORG, VTWEG, MATNR, KUNNR, KSCHL, valid dates are filled

Accuracy

Task	Action
Review Mapping Table	Ensure all the source organization units are mapped with target values
Check mapping rules against configuration (access sequences, condition tables)	Cross-check mapping sheet with customizing entries in V/03, V/04, V/05, V /08
Set up validation rules based on condition tables and field catalog	Use rule-based validation and lookups against master data (e.g., MARA, KNA1)
Perform format validation (date, currency, decimal separators)	Standardize format to match SAP accepted input (e.g., YYYYMMDD for dates)
Implement logic to detect duplicate condition records	Example: Run duplicate checks using key combinations (e.g., VKORG + MATNR + KUNNR)
Conduct dry runs using LTMC or BAPIs and review logs	Analyze load results and correct format or conversion errors

Business

Completeness

Task	Action
Review populated templates for missing or incorrect values	Use checklists to verify completeness and correctness before submission
Ensure all required pricing scenarios are covered	Confirm that customer/material-specific special conditions are not missed

Accuracy

Task	Action
Review condition records for duplicate or conflicting entries	Review for duplicates within key combinations (e.g., customer-material-date)
Validity Period Check	Review validity period of the condition records to ensure pricing coverage
Spot-check high-impact pricing conditions for accuracy	Validate pricing accuracy for key customers and materials

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	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 condition table format	Data Team (Syniti)
4	Review and approve load files before execution	Business / Functional Team
5	Execute automated data load using Syniti into the S/4HANA system (or generate manual load files if required)	Data Team (Syniti)
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 pricing condition types	Data Team (L2C-Data)
9	Log and resolve any data load errors or mismatches identified during validation	Data Team (L2C-Data) + Functional Team
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

Configuration

Item #	Configuration Item
Condition types	Ensure the condition types are assigned with access sequence and condition tables are active for all the key combinations planned for each condition type

Organization Data	Ensure configurations for all the organization units involved in pricing condition records are imported into the target system

Conversion Objects

Object #	Preceding Object Conversion Approach
Business Partner	Business Partner
Material Master	Material Master - Basic View, Product Hierarchy, Material Group, Material Group 1 to 5

Error Handling

As part of the sales pricing condition data load from multiple SAP ECC systems to a single S/4HANA instance using the Syniti data migration tool, various data quality, configuration, and technical challenges may arise. These errors typically occur during the transformation, load, and post-load validation phases and can impact the accuracy, completeness, or acceptance of condition records in the target system.

The following table outlines the most commonly observed error types during data load, and the corrective actions typically taken to resolve them. This helps ensure consistency in issue handling, improves traceability during cutover, and supports smooth end-to-end execution of the pricing condition load.

Error Type	Error Description	Action Taken
Invalid Condition Type	Condition type not found or not configured in target S/4HANA system	Validated against configuration; corrected or replaced with valid KSCHL
Missing Key Fields	One or more key fields (e.g., VKORG, MATNR, KUNNR) are blank or incorrectly formatted when required as per the selected Key Combination	Populated missing values; ensured format (e.g., leading zeros for KUNNR/MATNR)
Invalid Date Range	Valid From (DATAB) is after Valid To (DATBI)	Corrected the date range to ensure DATAB < DATBI and in required date format
Duplicate Records	Identical key combinations found more than once in the load file	Duplicates removed or merged as per business rule. Aligned with Business and documented for future loads
Unmapped Values	Values for fields like UoM (KMEIN), Currency (KONWA), etc. not mapped in Syniti	Updated mapping tables; ensured value conversion aligned with S/4HANA settings
Invalid Currency Format	Incorrect currency formatting or unsupported currency code	Standardized to valid ISO currency codes (e.g., USD, EUR, JPY)
Invalid Number Format	KBETR or KPEIN contains special characters or comma separators	Cleaned formatting; ensured decimal values used with '.' as separator
Authorization Errors	Lack of access to execute load in target client/system	Raised access request; obtained necessary authorizations
Condition Table Mismatch	Field structure in load file doesn't match condition table in target system	Corrected the file structure to align with condition table (A001, A002, etc.)
Transformation Miss	Required transformation logic not applied before load	Re-applied transformation rules and revalidated source-target mapping
Obsolete Master Data	Customer or material master data no longer exists in target system	Replaced or removed based on business input
Technical Load Failure	File not processed due to syntax/format error or system issue	Reviewed logs; regenerated file; re-executed load after resolving issue
Missing Condition Record Dependencies	Dependent records (e.g., access sequences, pricing procedures) not available	Reviewed config dependencies; coordinated with config team for correction

Post-Load Validation

Project Team

Completeness

Task	Action
Execute condition record report (e.g., V/LD, PRC_COND_MONITOR)	Run transaction reports to confirm condition records exist as expected
Compare uploaded data against source file values	Use Custom reconciliation tools or Excel based comparison tools to validate the following ensure n umber of records loaded meets the load file record volume
Check for load errors or partial loads in AIF or LTMC	Review IDocs, BDC, or Legacy Transfer Migration Cockpit LTMC logs for any failures
Perform technical reconciliation with database tables (e.g., KONH, KONP)	Query SAP tables and match field-level values using SE16N or custom report

Accuracy

Task	Action
Compare uploaded data against source file values	Use Custom reconciliation tools to validate the following 1. Number of records loaded against load file 2. Any mismatch in condition value, unit , validity period against each input record at the KEY combination level 3. Ensure field by field value match across all loaded records
Verify Key Field Values	Ensure values like Condition Type, Material, Customer, Sales Org, Validity Dates, and Rates are correctly populated

Business

The business team plays a vital role in validating the completeness and accuracy of sales pricing condition data loaded into S/4HANA. Their review ensures that key pricing elements such as condition types, customer-material combinations, and validity dates are correctly migrated and aligned with business requirements. This validation helps identify any missing or incorrect records early, supports a smooth cutover, and ensures that pricing processes function correctly from day one in the new system.

Completeness

Task	Action
Participate in Post-Load Walkthroughs	Join scheduled validation sessions with the migration and functional teams
Review Loaded Condition Records	Access the S/4HANA system (via transactions like VK13 or custom reports) to view loaded pricing data
Check for Missing Records	Identify any missing condition records or key combinations that were expected but not loaded

Accuracy

Task	Action
Compare Against Approved Load File	Cross-check data in S/4HANA against the final business-approved load file used for migration
Validate Accuracy of Converted/Transformed Data	Review any transformed fields (e.g., currency conversion, unit mappings) for correctness
Log and Report Discrepancies	Use provided discrepancy log format or defect management tool to report any findings

Key Assumptions

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

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 39)	**Apr 08, 2026 13:54**	**THANGARAJAN-ext, Ganesan**	Add details on Distribution channel determination logic to avoid duplication
v. 38	Mar 30, 2026 10:42	**THANGARAJAN-ext, Ganesan**	
v. 37	Mar 23, 2026 09:52	**THANGARAJAN-ext, Ganesan**	Distribution channel Mapping
v. 36	Feb 26, 2026 11:36	**THANGARAJAN-ext, Ganesan**	Missing Mapping fields updated
v. 35	Feb 25, 2026 11:48	**THANGARAJAN-ext, Ganesan**	Remove SPEC ID based pricing DCT from scope
v. 34	Feb 24, 2026 14:54	**THANGARAJAN-ext, Ganesan**	Remove data loads to CUI related target systems
v. 33	Oct 29, 2025 15:36	**THANGARAJAN-ext, Ganesan**	
v. 32	Oct 17, 2025 11:33	**THANGARAJAN-ext, Ganesan**	
v. 31	Oct 17, 2025 10:51	**THANGARAJAN-ext, Ganesan**	
v. 30	Oct 08, 2025 15:58	**THANGARAJAN-ext, Ganesan**	

Go to Page History

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.

From Mar 30, 2026 to Apr 08, 2026	Actor	Type	Activity	Version
Approved	THANGARAJAN-ext, Ganesan	Edit	updated the page at 10:42 am	
	SAMPANGIREDDY-ext, Archana	State	changed state to Approved at 8:56 am	v38

Revision under Review	SAMPANGIREDDY-ext, Archana	State	gave *Minor change* approval at 8:56 am	
	THANGARAJAN-ext, Ganesan	State	changed state to Revision under Review at 8:45 am	v38
Revision in Progress	THANGARAJAN-ext, Ganesan	State	changed state to Revision in Progress at 8:42 am	v38