

CNV-9066 Open Condition Contracts (Rebates)

Status	Approved
Owner	THANGARAJAN-ext, Ganesan
Stakeholders	THOMAS-ext, Ety

Purpose

The purpose of this document is to define the conversion approach and ensure a smooth transition of rebate-related data from the legacy ECC systems into Condition Contracts in S/4HANA, aligning with the new data structures and functional capabilities offered by the Condition Contract Management framework.

In the current ECC environment, rebate agreements are extensively utilized at both Customer and Customer-Material levels. These agreements are set up to handle a mix of rebate calculation methods, including fixed amount and percentage-based rebates, with or without scales. The analysis of extracted production data indicates a significant volume of active rebate agreements that remain operational and require migration.

In S/4HANA, rebates are represented through Condition Contracts, which offer a more streamlined and flexible framework for managing settlement processes. The target design foresees consolidating the multiple rebate agreement types currently in use into a single condition contract type, capable of covering the four key rebate scenarios. This approach will reduce complexity, standardize the rebate process, and ensure consistency across customer agreements.

Through this conversion, all open rebate agreements from ECC will be transformed into corresponding condition contracts in S/4HANA, where the selection criteria and condition types will continue to be defined at the Customer and Customer-Material levels. This setup ensures that business continuity is maintained, while also leveraging the enhanced capabilities of S/4HANA for better contract management and settlement processing.

Conversion Scope

The scope of this document covers the approach for converting active Rebate Agreements from Legacy Source Systems into S/4HANA Condition Contracts.

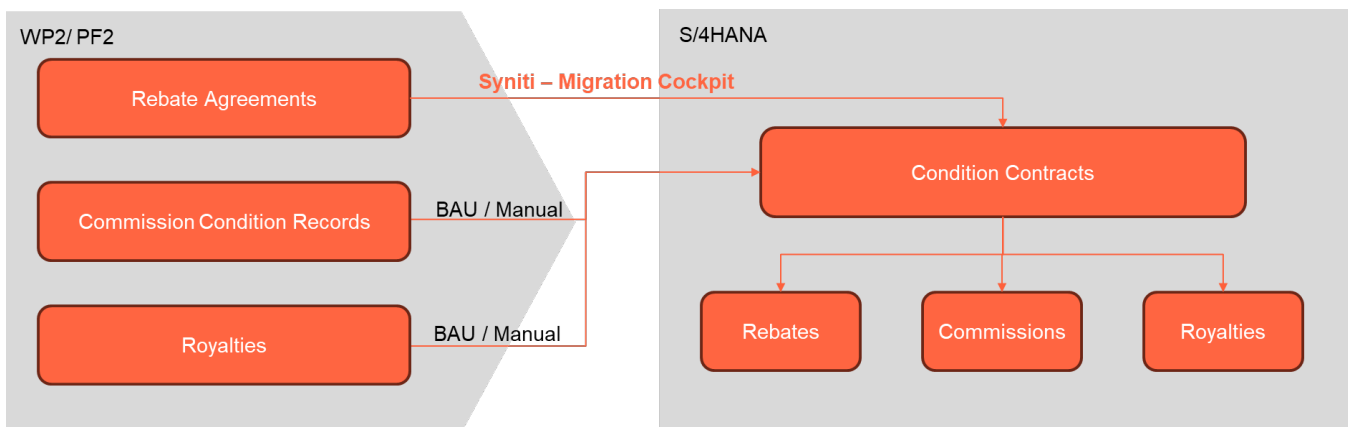
The data from legacy system includes:

1. All Rebate agreements with validity date beyond go-live freeze data
2. Rebate agreements that are not fully settled
3. Rebate agreements that are not deleted / cancelled
4. Rebate agreements created for the sales area in scope
5. Rebate agreements created for the Customer and / or Material in scope

The data from legacy system excludes:

The processing logic for the first three points is incorporated within the transformation logic for header data extraction. Points 4 and 5 do not require any specific action during extraction, as the related source tables are not part of the extraction scope.

1. All the rest that are not part of the above extraction
2. Rebate Agreement Status is "D - Final Settlement of Agreement Already Carried Out"
3. Rebate Validity To KONA-DATBI is greater than R4 Go-Live date
4. Commission Condition Records will be excluded from ETL for Manual creation of Condition contracts as BAU process
5. Royalties will be excluded from ETL for Manual creation of Condition contracts as BAU process



List of source systems and approximate number of records

Source	Scope	Source Approx. No. of Records	Target System	Target Approx. No. of Records
PF2	Rebate Agreements	28	S/4HANA - ROW	28
WP2	Rebate Agreements	18	S/4HANA - ROW	18
PF2	Rebate Agreements	15	S/4HANA - China	15
WP2	Rebate Agreements	26	S/4HANA - China	26

Additional Information

Multi-language Requirement

Not Applicable

Document Management

Not Applicable

Legal Requirement

N/A

Special Requirements

Target Design

The technical design of the target for this conversion approach.

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
Condition Contract Header						
NA	LEGACY_NUMBER	NA	Legacy Contract Number*	Text	80	Required
WCOCOH	CONTRACT_TYPE	WCB_CONTRACT_TYPE	Condition Contract Type*	CHAR	4	Required
Not Required	Not Required	Not Required	Supplier as Partner of a Condition Contract	Text	80	Not Required
WCOCOH	CUST_OWNER	WCB_CUST_OWNER	Customer as Partner of a Condition Contract	CHAR	10	Required
WCOCOH	REFERENCE	WCB_REFERENCE	Condition Contract: Reference	CHAR	16	Required
Not Required	Not Required	Not Required	Condition Contract: Assignment	Text	16	Not Required
WCOCOH	ZTERM	DZTERM	Terms of Payment Key	CHAR	4	Required
Not Required	Not Required	Not Required	Cash (Prompt Payment) Discount Days	Number	3	Not Required
Not Required	Not Required	Not Required	Cash Discount Percentage 1	Number	5,3	Not Required
Not Required	Not Required	Not Required	Cash Discount Days 2	Number	3	Not Required
Not Required	Not Required	Not Required	Cash Discount Percentage 2	Number	5,3	Not Required
Not Required	Not Required	Not Required	Net Payment Terms Period	Number	3	Not Required
WCOCOH	ZLSCH	DZLSCH	Payment Method	CHAR	1	Required
Not Required	Not Required	Not Required	Inactive CC/Partner	Text	80	Not Required
WCOCOH	DATE_FROM	WCB_DATE_FROM	Valid From	DATS	8	Required

WCOCOH	DATE_TO	WCB_DATE_TO	Valid To	DATS	8	Required
WCOCOH	EXT_NUM	WCB_EXTERNAL_NUMBER	External Document Identifier	CHAR	30	Required
WCOCOH	CC_CURR	WCB_CC_CURR	Currency of Condition Contract	CUKY	5	Required
Not Required	Not Required	Not Required	Exchange Rate	Number	9,5	Not Required
Not Required	Not Required	Not Required	Translation Date	Date	10	Not Required
Not Required	Not Required	Not Required	Exchange Rate Type	Text	80	Not Required
Not Required	Not Required	Not Required	Access Type	Text	80	Not Required
Not Required	Not Required	Not Required	Predecessor Condition Contract	Text	10	Not Required
Not Required	Not Required	Not Required	Condition Contract Purpose	Text	80	Not Required
Not Required	Not Required	Not Required	External Reference Document Category	Text	80	Not Required
WCOCOH	EXT_REF	WCB_EXTERNAL_NUMBER2	External Reference	CHAR	32	Required
Not Required	Not Required	Not Required	Business Transaction	Text	80	Not Required
Not Required	Not Required	Not Required	VAT Registration Number	Text	20	Not Required
Not Required	Not Required	Not Required	Amount Fields Split Criteria Group	Text	80	Not Required
Not Required	Not Required	Not Required	Tax Country / Region	Text	80	Not Required
Not Required	Not Required	Not Required	Process Variant	Text	80	Not Required
Not Required	Not Required	Not Required	External Reference Item	Number	10	Not Required
Not Required	Not Required	Not Required	CC Determination Relevance in Pricing	Text	1	Not Required
Not Required	Not Required	Not Required	Tax Reporting Country/Region	Text	80	Not Required
Not Required	Not Required	Not Required	User Status	Text	80	Not Required
Not Required	Not Required	Not Required	Condition Contract: External Partner	Text	10	Not Required
Not Required	Not Required	Not Required	Purchasing Organization	Text	80	Not Required
Not Required	Not Required	Not Required	Purchasing Group	Text	80	Not Required
Not Required	Not Required	Not Required	Company Code	Text	80	Not Required
WCOCOH	VKORG	VKORG	Sales Organization	CHAR	4	Required
WCOCOH	VTWEG	VTWEG	Distribution Channel	CHAR	2	Required
WCOCOH	SPART	SPART	Division	CHAR	2	Required
WCOCOH	VKGRP	VKGRP	Sales Group	CHAR	3	Required
WCOCOH	VKBUR	VKBUR	Sales Office	CHAR	4	Required
Not Required	Not Required	Not Required	External Guid	Text	32	Not Required
WCOCOH	SETTL_CAL_FINAL	WB2_SETTLEMENT_CALENDAR	Calendar for Final Settlement	CHAR	2	Optional
Not Required	Not Required	Not Required	Calendar for Partial Settlement	Text	80	Not Required
Not Required	Not Required	Not Required	Accruals Deferral Calendar	Text	80	Not Required
Not Required	Not Required	Not Required	Settlement Type Supplier	Text	80	Not Required
Not Required	Not Required	Not Required	Settlement Type Customer	Text	80	Not Required
Not Required	Not Required	Not Required	CCS: Settlement Material	Text	80	Not Required
Not Required	Not Required	Not Required	Contract Extension Calendar	Text	80	Not Required
Not Required	Not Required	Not Required	Prior Supplier	Text	80	Not Required
Not Required	Not Required	Not Required	Calendar for Delta Settlement	Text	80	Not Required
WCOCOH	SETTL_CAL_ACCR	WB2_SETTLEMENT_CALENDAR_ACCR	Calendar for Delta Accruals Settlement	CHAR	2	Optional
WCOCOH	AF_GROUP	WB2_AMOUNT_FIELDS_GROUP	Amount Fields Group	CHAR	4	Required
Not Required	Not Required	Not Required	Settlement Unit of Measure	Text	80	Not Required
Not Required	Not Required	Not Required	Settlement Unit of Weight	Text	80	Not Required
Not Required	Not Required	Not Required	Settlement Unit of Volume	Text	80	Not Required
Not Required	Not Required	Not Required	Settlement Points Unit	Text	80	Not Required

Not Required	Not Required	Not Required	Settlement Variant in Condition Contract	Text	80	Not Required
WCOCOH	BVTAB_GROUP	WB2_BVTAB_GROUP	Business Volume Table Group	Text	80	Required
Not Required	Not Required	Not Required	Worker as Partner of Condition Contract	Text	80	Not Required
Not Required	Not Required	Not Required	Settlement Type Worker	Text	80	Not Required
Not Required	Not Required	Not Required	Worker Cost Center	Text	80	Not Required
Not Required	Not Required	Not Required	Data Controller	Text	80	Not Required
Condition Structure Fields						
N/A	LEGACY_NUMBER	N/a	Legacy Contract Number*	CHAR	80	Required
N/A	ORDER_KEY	N/a	User-Defined Key*	CHAR	10	Required
KONH	KOTABNR	KOTABNR	Condition Table*	CHAR	3	Required
KONH	KVEWE	KVEWE	Condition Usage	CHAR	1	Required
KONH	KAPPL	KAPPL	Condition Application	CHAR	2	Required
KONH	KSCHL	KSCHA	Condition Type*	CHAR	4	Required
KONH	DATAB	DATAB	Valid-From Date	DATS	8	Required
KONH	DATBI	DATBI	Valid To Date	DATS	8	Required
COND_TABLE	KUNNR	KUNNR_V	Customer Number	CHAR	10	Required
COND_TABLE	MATNR	MATNR	Material Number	CHAR	40	Optional
Not Required	Not Required	Not Required	Product Hierarchy	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Volume Rebate Group	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Commission Group	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Group	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Supplier Subrange	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Condition Group	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Group Hierarchy	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Ship-To Party	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Group 1	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Group 2	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Group 3	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Group 4	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Group 5	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Sales Organization	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Distribution Channel	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Division	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Customer Group	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Customer Price Group	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Price Group	Not Required	Not Required	Not Required

Not Required	Not Required	Not Required	Settlement Group 1 (Purchasing)	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Supplier's Account Number	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Purchasing Organization	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Purchasing Info Record Category	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Plant	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Supplying Plant in Case of Stock Trsfer	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Prior Supplier	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Material Group	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Cost Center	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Company Code	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Goods Supplier	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Sales Group	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Sales Office	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Customer Attribute for Condition Groups	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Sold-to Party	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Payer	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Bill-to Party	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Release Status	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Pricing Reference Material of Main Item	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Product Hierarchy 1	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Product Hierarchy 2	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Product Hierarchy 3	Not Required	Not Required	Not Required
Item Condition						
N/A	LEGACY_NUMBER	N/a	Legacy Contract Number*	CHAR	80	Required
N/A	ORDER_KEY	N/a	User-Dfnd Key*	CHAR	10	Required
T685A	KRECH	KRECH	Calculation Type	CHAR	1	Optional
KONP	KBETR	KBETR_KOND	Amount	CURR	11,2	Required
KONP	KONWA	KONWA	Condition Unit (Currency or Percentage)	CUKY	5	Required
KONP	KPEIN	KPEIN	Pricing Unit	DEC	5	Required
KONP	KMEIN	KMEIN	Unit of Measure	UNIT	3	Required
T685	KVEWE	KVEWE	Condition Usage	CHAR	1	Required
KONP	KAPPL	KAPPL	Condition Application	CHAR	2	Required
KONP	KSCHL	KSCHA	Condition Type	CHAR	4	Required
KONP	KONWA	KONWA	Condition Currency	CUKY	5	Optional
KONP	KNOWS	KNOWS	Scale Currency	CUKY	5	Optional

KONP	KONMS	KONMS	Scale Unit of Measure	UNIT	3	Optional
Not Required	Not Required	Not Required	Numerator For Convers.	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Denom. For Conversion	Not Required	Not Required	Not Required
KONP	KZBZG	KZBZG	Scale Basis	CHAR	1	Optional
KONP	STFKZ	STFKZ	Scale Type	CHAR	1	Optional
Not Required	Not Required	Not Required	(OBSOLETE) Reference	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Reference	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Accrual Amount	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Tax on Sales/Purchases Code	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Withholding Tax Code	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Condition Exclusion Indicator	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Terms of Payment Key	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Fixed Value Date	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Customer Number	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Account Number of Supplier	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Max. Number of Orders	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Maximum Condition Base Value	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Maximum Condition Value	Not Required	Not Required	Not Required
Not Required	Not Required	Not Required	Additional Value Days	Not Required	Not Required	Not Required
Condition Scale						
N/A	LEGACY_NUMBER	N/A	Legacy Contract Number*	CHAR	80	Optional
N/A	ORDER_KEY	N/A	User-Dfnd Key*	CHAR	10	Optional
N/A	LINE_NO	N/A	Line Number*	NUM	4	Optional
KONM	KBETR	KBETR	Amount/Percentage in Case of Scale	CURR	11,2	Optional
KONW	KSTBW	KSTBW	Condition Scale Basis Value	CURR	15,2	Optional
KONM	KSTBM	KSTBM	Condition Scale Quantity	QUAN	15	Optional
Business Volume Base						
N/A	LEGACY_NUMBER	N/A	Legacy Contract Number*	CHAR	80	Required
N/A	ORDER_KEY	N/A	User-Defined Key*	CHAR	32	Required
WB2_D_BUSVOL BASE	FIELDSCOMB	WB2_BVB_FIELDSCOMB	Field Combination for the Business Volum	CHAR	4	Required
WB2_D_BUSVOL BASE	INCL_EXCL	WCB_BVB_INCL_EXCL	Status Including / Excluding	CHAR	1	Required
N/A	VENDOR_NO_NEW	N/A	Account Number of Supplier	CHAR	80	Not Required
WB2_D_BUSVOL BASE	X_KUNNR	KUNNR	Customer Number	CHAR	10	Required
N/A	PURCH_ORG_NEW	N/A	Purchasing Organization	CHAR	80	Not Required
N/A	PUR_GROUP_NEW	N/A	Purchasing Group	CHAR	80	Not Required
N/A	SALESORG_NEW	N/A	Sales Organization	CHAR	80	Not Required

N/A	DISTR_CHAN_NEW	N/A	Distribution Channel	CHAR	80	Not Required
N/A	DIVISION_NEW	N/A	Division	CHAR	80	Not Required
N/A	COMP_CODE_NEW	N/A	Company Code	CHAR	80	Not Required
N/A	PLANT_NEW	N/A	Plant	CHAR	80	Not Required
N/A	VEND_PART_NEW	N/A	Supplier Subrange	CHAR	80	Not Required
N/A	MATL_GROUP_NEW	N/A	Material Group	CHAR	80	Not Required
N/A	CUST_LIST_NEW	N/A	Customer List	CHAR	80	Not Required
N/A	VENDOR_LIST_NEW	N/A	Supplier List	CHAR	80	Not Required
N/A	EXTERNAL_GUID	N/A	External Guid	CHAR	32	Not Required
N/A	SELECTION_GROUP	N/A	Selection Group	CHAR	80	Not Required
WB2_D_BUSVOL BASE	MATNR	MATNR	Material Number	CHAR	40	Optional
Settlement Dates						
N/A	LEGACY_NUMBER	N/A	Legacy Contract Number*	CHAR	80	Required
N/A	ORDER_KEY	N/A	User-Dfnd Key*	CHAR	32	Required
WB2_D_SETTL_C AL	SETTLEMENT_DATE	WB2_SETTLEMENT_DATE	Settlement Date*	DATE		Required
WB2_D_SETTL_C AL	SETTLEMENT_DATE _TYPE	WB2_SETTLEMENT_DATE_TYPE	Settlement Date Type Examples for values are: ' ' Final Settlement 1 Partial Settlement 2 Delta Settlement 3 Delta Accruals	CHAR	1	Required
WB2_D_SETTL_C AL	REF_SETTL_DATE	WB2_REF_SETTLEMENT_DATE	Reference Date	DATE		Optional
WB2_D_SETTL_C AL	EXT_GUID	WCB_EXT_GUID_CAL	External GUID	CHAR	16	Optional
WB2_D_SETTL_C AL	SETTL_EXEC_DATE	WB2_SETTLEMENT_EXECUTIO N_DATE	Execution Date	DATE		Optional
WB2_D_SETTL_C AL	BUSVOL_DATE_FROM	WB2_BUSVOL_DATE_FROM	Business Volume Date From	DATE		Optional
WB2_D_SETTL_C AL	BUSVOL_DATE_TO	WB2_BUSVOL_DATE_TO	Business Volume Date To	DATE		Optional
WB2_D_SETTL_C AL	VALDT	WB2_VALDT_SETTL_CAL	Fixed Value Date	DATE		Optional

Data Cleansing

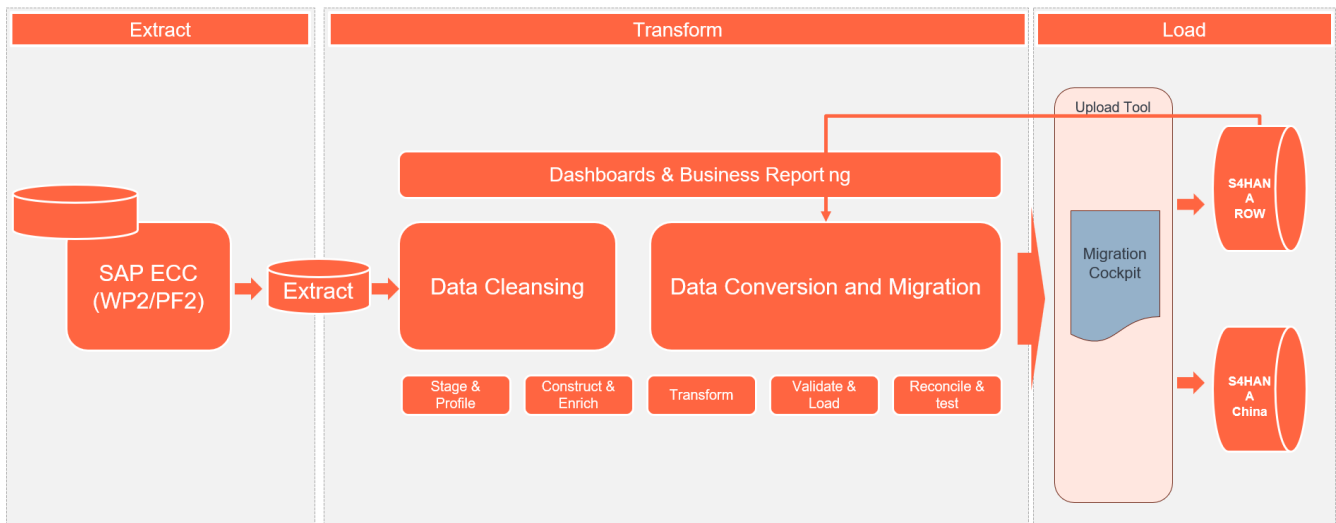
ID	Criticality	Error Message/Report Description	Rule	Output	Source System
9066-001	C1	Remove Blocked or Simulation / planning mode Rebate Agreements	Extract only Released rebate agreements (KONA-KFRST == SPACE)	List of Released agreements	WP2/PF2
9066-002	C1	Remove Completed / release for settlement Rebate Agreements	Extract only OPEN rebate agreements (KONA-BOSTA == SPACE)	List of Open rebate agreements	WP2/PF2
9066-003	C1	Validate Customer-Material master data	Ensure rebate condition records refer to valid and active Customer and Material master records by checking against white listed Customers and Material Sales view data	List of rebate with valid Customer Material combinations	WP2/PF2
9066-004	C1	Remove expired condition records	Delete condition records where validity end date has already passed. SELECT KNUMH, KOTABNR from KONH where KNUMA_BO = KONA-KNUMA and DATEBI >= GO-LIVE-DATE	List of valid rebate condition records	WP2/PF2
9066-005	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

9066-006	C2	Detect duplicate condition records	Identify and flag duplicate rebate 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
9066-007	C1	Validate currency consistency	Validate that the currency used in pricing conditions matches the currency allowed for the corresponding sales organization or customer master data.	List of inconsistent currency	WP2/PF2
9066-008	C1	Validate unit of measure consistency	Validate unit of measure used in rebate conditions aligns with material master base UoM and allowed UoMs.	List of inconsistent UoM records	WP2/PF2

Conversion Process

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

Data is extracted from SAP ECC System WP2 and PF2, cleansed and transformed for quality and accuracy, then migrated via the Migration Cockpit into multiple SAP S/4HANA systems with dashboards ensuring visibility and control throughout the process. This process follows the **ETL (Extract Transform Load) framework**, ensuring high-quality, validated, and reconciled data is migrated smoothly from ECC to S/4HANA



Data Privacy and Sensitivity

Extraction

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

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

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

Source System: SAP ECC WP2 and PF2.

Scope: Open rebate agreements, condition records, scales.

Extraction Logic:

- Retrieve rebate agreements from VBO3 transactions (tables: KONA, KONH, KONP, KONW, KONM).

- Capture validity dates, rebate basis (sales volume/turnover), and settlement statuses.
- Include open balances and accruals that need to be carried forward.

Objective: Create a comprehensive snapshot of all open rebate agreements as of the cutover date.

Extraction Run Sheet

Req #	Requirement Description	Team Responsible
9066-001	Confirm scope and extraction approach for each ECC source systems WP2, PF2 (direct DB or manual extract)	Data Team (L2C), Data Team (Syniti)
9066-002	Establish and validate Syniti connectivity to both ECC source systems	Technical / Basis Team, Data Team (Syniti)
9066-003	Perform full data extraction from relevant rebate agreements from VBO3 transactions (tables: KONA, KONH, KONP, KONW, KONM) from WP2 and PF2 Systems	Data Team (Syniti)
9066-004	Apply agreed Relevancy Criteria to filter only applicable Rebate agreements and rebate condition records for S/4HANA (e.g., active rebates, active condition records, valid dates, active customers/materials)	Data Team (L2C), Data Team (Syniti)
9066-005	In case of restricted access or connectivity issues, receive pre-extracted rebate reports/files from source system team and prepare upload file for upload via migration cockpit	Data Team (L2C), Data Team (Syniti)
9066-006	Perform data quality checks on extracted records (e.g., missing key fields, invalid dates, incorrect formats)	Data Team (L2C), Data Team (Syniti)
9066-007	Review and approve extracted data sample sets from each source system before transformation begins	Business / Functional Team
9066-008	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
N/A	P_CUTOFF_DATE	Single Value	Validity To date in DATBI field should be greater than this date	Date
N/A	P_VKORG	Range	Range of Valid sales organizations in Scope for extraction	Sales Org List
N/A	P_VTWEK	Range	Range of valid distribution channel in scope for extraction	Distribution Channels (Optional)
N/A	P_SPART	Range	Range of Divisions in scope for extraction	Divisions (Optional)

Data Collection Template (DCT)

Target Ready Data Collection Template can be downloaded from Migration Cockpit for Condition Contracts from target S/4HANA Fiori App.

DCT Rules

Field Name	Field Description	Rule

Extraction Dependencies

Item #	Area	Step Description	Team Responsible
1	Source System Availability	<ul style="list-style-type: none"> Confirm availability of ECC systems (WP2, FP2) for data extraction within agreed timelines. Validate access to required environments with correct credentials, authorizations, and RFC/user permissions. 	Syensqo IT
2	Data Structure Alignment	<ul style="list-style-type: none"> Document and map relevant ECC rebate agreement tables (KONA, KONH, KONP). Align ECC structures with S/4HANA condition contract tables (WCOCOH, KONH, KONP, KONW, KONM). Identify custom fields, enhancements, and additional attributes used in business processes. 	Data Team(L2C), Syniti
3	Referential Integrity	<ul style="list-style-type: none"> Extract rebate agreement header, condition, and settlement-related records in sync. Ensure dependent records (scales, validity dates) are consistently captured. 	Data Team(L2C), Syniti
4	Extraction Methodology	Define extraction type: Full load for open rebates at cutover. Delta records will follow BAU Process	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 to make the data Target ready:

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

Transformation Run Sheet

Item #	Step Description	Team Responsible
1	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 Rebate types, rebate 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

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Mapping Table Name	Transformation Logic
Condition Contract Header										
1. SELECT from KONA where DABTI > P_CUTOFF_DATE and VKORG = P_VKORG and VTWEG = P_VTWEG and SPART = P_SPART and BOSTA <> 'D' and KFRST = " (P_ constants are defined as parameters in selection screen)										
9066-01	WP2, PF2	KONA	KNUMA	Agreement Number	S/4HANA	WCOCOH	NUM	Legacy Contract Number* This refers to LEGACY_NUMBER field in Migration data file definition.	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 KNUMA section for the KNUMA transformation Rule
9066-02	WP2, PF2	KONA	BOART	Agreement Type	S/4HANA	WCOCOH	CONTRACT_TYPE	Contract Type	FIXED VALUE	ZS01 Copy of 0S01
9066-03	WP2, PF2	KONA	BONEM	Rebate Recipient	S/4HANA	WCOCOH	CUSTOMER	Customer as Partner of Contract	MAP_KUNNR	
9066-04	WP2, PF2	KONA	KNUMA	Agreement Number	S/4HANA	WCOCOH	REFERENCE	External Reference		The reference document number is the document number at the business partner.
9066-05	WP2, PF2	KONA	ZTERM	Payment Term	S/4HANA	WCOCOH	ZTERM	Payment Term	MAP_ZTERM	
9066-06	WP2, PF2	KONA	ZLSCH	Payment Method	S/4HANA	WCOCOH	ZLSCH	Payment Method	MAP_ZLSCH	
9066-07	WP2, PF2	KONA	DATAB	Agreement valid-from date	S/4HANA	WCOCOH	DATE_FROM	Valid From		
9066-08	WP2, PF2	KONA	DATBI	Agreement valid-to date	S/4HANA	WCOCOH	DATE_TO	Valid To		
9066-09	WP2, PF2	KONA	ABREX	External Document Identifier	S/4HANA	WCOCOH	EXT_NUM	External Document Identifier		<p>An identifier which is specified by a user, and is used to define a condition contract.</p> <p>If you want to use your own alphanumeric system for identifying your contracts, you can enter your identifiers in this field.</p> <p>In addition, the system already assigns a unique number that cannot be changed to each contract when it is created.</p> <p>The entries in either one of these fields can be used as search criterion when looking for a particular contract.</p>
9066-10	WP2, PF2	KONA	WAERS	Currency Key	S/4HANA	WCOCOH	CC_CURR	Currency of Condition Contract		
9066-11	WP2, PF2	Fixed value "99" - External Document		External Reference Document Category	S/4HANA	WCOCOH	EXT_REF_CAT	External Reference Document Category		Fixed value "99" - External Document
9066-12	WP2, PF2	KONA	KNUMH	External Number 2	S/4HANA	WCOCOH	EXT_REF	External Number 2		If a Condition Contract is created via an API based on a source document in another system, the number of the source document can be set in this field via API. An input via User Interface is not supported.
9066-13	WP2, PF2	KONA	VKORG	Sales Organization	S/4HANA	WCOCOH	VKORG	Sales Organization	MAP_VKORG	
9066-14	WP2, PF2	KONA	VTWEG	Distribution Channel	S/4HANA	WCOCOH	VTWEG	Distribution Channel	MAP_VTWEG	
9066-15	WP2, PF2	KONA	SPART	Division	S/4HANA	WCOCOH	SPART	Division	MAP_SPART	
9066-16	WP2, PF2	KONA	VKBUR	Sales Office	S/4HANA	WCOCOH	VKBUR	Sales Office	MAP_VKBUR	
9066-17	WP2, PF2	KONA	VKGRP	Sales Group	S/4HANA	WCOCOH	VKGRP	Sales Group	MAP_VKGRP	
9066-18	WP2, PF2	Fixed Value "0S02" - Rebate Basis		Amount Fields Group	S/4HANA	WCOCOH	WB2_AMOUNT_FIELD_GROUP	Amount Fields Group		Fixed Value "0S02" - Rebate Basis
Condition Structure Fields										

SELECT KNUMH, KOTABNR from KONH where KNUMA_BO = KONA-KNUMA and DATEBI >= GO-LIVE-DATE
 Prepare the following for each Record from KONH
 SELECT * FROM ("KOTE" + KONH-KOTABNR) where KNUMH = KONH-KNUMH

9066-19	WP2, PF2	KONA	KNUMA	KNUMA	S/4HANA	N/A	LEGACY_NUMBER	Legacy Contract Number*	RULE	Temporary number of target condition contract. The record will be renumbered in the S/4HANA system. Please refer to the below Key Adjustment for Legacy KNUMA section for the KNUMA transformation Rule
9066-20	WP2, PF2	KONH	KNUMH	Alternate - Running number with in KNUMA	S/4HANA	N/A	ORDER_KEY	User-Defined Key*	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
9066-21	WP2, PF2	KONH	KOTABNR	Source Table KOTE001	S/4HANA	KONH	KOTABNR	Condition Table*	MAP_KSCHL_REBATE	Target condition tables can be determined from this mapping table for each combination of Condition type and Table number
9066-22	WP2, PF2	Fixed Value "A"			S/4HANA	KONH	KVEWE	Condition Usage		Fixed Value "A"
9066-23	WP2, PF2	"KOTE" + KONH-KOTABNR	KAPPL	Condition Application	S/4HANA	KONH	KAPPL	Condition Application		Expected Value "V"
9066-24	WP2, PF2	"KOTE" + KONH-KOTABNR	KSCHL	Condition Type*	S/4HANA	KONH	KSCHL	Condition Type*	MAP_KSCHL_REBATE	
9066-25	WP2, PF2	"KOTE" + KONH-KOTABNR	DATAB	Valid-From Date	S/4HANA	KONH	DATAB	Valid-From Date		
9066-26	WP2, PF2	"KOTE" + KONH-KOTABNR	DATBI	Valid To Date	S/4HANA	KONH	DATBI	Valid To Date		
9066-27	WP2, PF2	"KOTE" + KONH-KOTABNR	KUNNR	Customer Number	S/4HANA	COND_TABLE	KUNNR	Customer Number		COND_TABLE = MAP_KSCHL_REBATE
9066-28	WP2, PF2	"KOTE" + KONH-KOTABNR	MATNR	Material Number	S/4HANA	COND_TABLE	MATNR	Material Number		COND_TABLE = MAP_KSCHL_REBATE

Item Condition

Extraction Logic for Condition Records

For each target condition contract, the extraction of condition records follows a two-step approach:

1. Retrieve Condition Headers (KONH)

Extract the condition header numbers associated with the rebate agreement (KONA).

```
SELECT KNUMH
FROM KONH
WHERE KNUMA_BO = KONA-KNUMA
AND DATEBI >= <P_CUTOFF_DATE>;
```

- **KNUMA_BO** Links the rebate agreement header (KONA) to condition headers (KONH).
- **KNUMH** Condition record number (unique key for condition records).
- **DATEBI** Validity end date; ensures only condition records valid beyond Go-Live are considered.

2. Retrieve Condition Items (KONP)

For each condition header (KNUMH) retrieved in Step 1, fetch the corresponding condition details from KONP.

```
SELECT *
FROM KONP
WHERE KNUMH = KONH-KNUMH and LOEVM = " and BOSTA <> 'D';
```

- **KONP** Contains the item-level condition details such as condition type, rate, amount, and currency.
- **KNUMH** Acts as the foreign key linking back to the condition header (KONH).

9066-29	WP2, PF2	KONA	KNUMA	KNUMA	S/4HANA	N/A	LEGACY_NUMBER	Legacy Contract Number*	RULE	Temporary number of target condition contract. The record will be renumbered in the S/4HANA system. Please refer to the below Key Adjustment for Legacy KNUMA section for the KNUMA transformation Rule
9066-30	WP2, PF2	KONH	KNUMH	Alternate - Running number with in KNUMA	S/4HANA	N/A	ORDER_KEY	User-Defined Key*	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

9066-31	WP2, PF2	SELECT KRECH from T685A where KAPPL = 'V' and KSCHL = KOTE001-KSCHL			S/4HANA	T685A	KRECH	Calculation Type		
9066-32	WP2, PF2	KONP	KBETR		S/4HANA	KONP	KBETR	Amount		Please apply Conversion logic for Condition values provided below
9066-33	WP2, PF2	KONP	KONWA		S/4HANA	KONP	KONWA	Condition Unit (Currency or Percentage)		
9066-34	WP2, PF2	KONP	KPEIN		S/4HANA	KONP	KPEIN	Pricing Unit		
9066-35	WP2, PF2	KONP	KMEIN		S/4HANA	KONP	KMEIN	Unit of Measure		
9066-36	WP2, PF2	Fixed Value "A"			S/4HANA	T685	KVEWE	Condition Usage		Fixed Value "A"
9066-37	WP2, PF2	KONP	KAPPL		S/4HANA	KONP	KAPPL	Condition Application		
9066-38	WP2, PF2	KONP	KSCHL		S/4HANA	KONP	KSCHL	Condition Type	MAP_KSCHL_REBATE	
9066-39	WP2, PF2	KONP	KONWA		S/4HANA	KONP	KONWA	Condition Currency		
9066-40	WP2, PF2	KONP	KNOWS		S/4HANA	KONP	KNOWS	Scale Currency		
9066-41	WP2, PF2	KONP	KONMS		S/4HANA	KONP	KONMS	Scale Unit of Measure		
9066-42	WP2, PF2	KONP	KZBZG		S/4HANA	KONP	KZBZG	Scale Basis		
9066-43	WP2, PF2	KONP	STFKZ		S/4HANA	KONP	STFKZ	Scale Type		

Condition Scale

To retrieve the relevant condition records:

- **Identify the condition header** : SELECT KNUMH FROM KONH WHERE KNUMA_BO = KONA-KNUMA AND DATBI >= <P_CUTOFF_DATE>;
- **Determine the source of scale data**
 - If KONP-KZBZG (Scale Basis Indicator) = 'B', then read scale data from KONW.
 - Otherwise, read scale data from KONM.
- **Alternate approach**
 - First, attempt to read from KONM: SELECT * FROM KONM WHERE KNUMH = KONH-KNUMH;
 - If no entries are found in KONM, then read from KONW: SELECT * FROM KONW WHERE KNUMH = KONH-KNUMH;

Key fields for Scales

9066-44	WP2, PF2	KONA	KNUMA	KNUMA	S/4HANA	N/A	LEGACY_NUMBER	Legacy Contract Number*	RULE	Temporary number of target condition contract. The record will be renumbered in the S/4HANA system. Please refer to the below Key Adjustment for Legacy KNUMA section for the KNUMA transformation Rule
9066-45	WP2, PF2	KONH	KNUMH	User-Defined Key from the Item Conditions	S/4HANA	N/A	ORDER_KEY	User-Defined Key*	RULE	Temporary number of target condition contract. 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
9066-46	WP2, PF2	KONM /KONW	KLFN1		S/4HANA	KONM /KONW	KLFN1	Line Number*		Field name LINE_NO in migration template

Scale Details

9066-47	WP2, PF2	KONM /KONW	KBETR	KONM / KNOW table based on Scale Type / when Available	S/4HANA	KONM	KBETR	Amount /Percentage in Case of Scale		Please apply Conversion logic for Condition values provided below
9066-48	WP2, PF2	KONW	KSTBW		S/4HANA	KONW	KSTBW	Condition Scale Basis Value		
9066-49	WP2, PF2	KONM	KSTBM		S/4HANA	KONM	KSTBM	Condition Scale Quantity		

Business Volume Base

Mapping Logic for Target Condition Contracts

For each target condition contract, apply the following steps:

1. Retrieve Header Information (KONH): Extract the rebate condition header records linked to the agreement (KONA).

```
SELECT KNUMH, KOTABNR
FROM KONH
WHERE KNUMA_BO = KONA-KNUMA
AND DATBI >= <P_CUTOFF_DATE>;
```

2. Retrieve Condition Records (KOTE*): For each header record retrieved in Step 1, fetch the condition details from the relevant condition table (KOTE*), determined by KOTABNR.

```
SELECT *
FROM ("KOTE" + KONH-KOTABNR)
WHERE KNUMH = KONH-KNUMH;
```

9066-50	WP2, PF2	KONA	KNUMA	KNUMA	S/4HANA	N/A	LEGACY_NUMBER	Legacy Contract Number*	RULE	Temporary number of target condition contract. The record will be renumbered in the S/4HANA system. Please refer to the below Key Adjustment for Legacy KNUMA section for the KNUMA transformation Rule
9066-51	WP2, PF2	KONH	KNUMH	Alternate - Running number with in KNUMA	S/4HANA	N/A	ORDER_KEY	User-Defined Key*	RULE	Temporary number of target condition contract. 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
9066-52	WP2, PF2	Fixed Value for Customer Number field "KUNNR"			S/4HANA	WB2_D_B USVOLBASE	FIELDCOMB	Field Combination for the Business Volume		Fixed Value for Customer Number field "KUNNR" Standard value is '0001' for customer from table WB2_C_BVB_FC
9066-53	WP2, PF2	"KOTE" + KONH-KOTABNR	KUNNR	Customer Number	S/4HANA	WB2_D_B USVOLBASE	X_KUNNR	Customer Number		
9066-54	WP2, PF2	KONA	KNUMA	KNUMA	S/4HANA	WB2_D_B USVOLBASE	LEGACY_NUMBER	Legacy Contract Number*	RULE	Temporary number of target condition contract. The record will be renumbered in the S/4HANA system. Please refer to the below Key Adjustment for Legacy KNUMA section for the KNUMA transformation Rule
9066-55	WP2, PF2	KONH	KNUMH	Alternate - Running number with in KNUMA	S/4HANA	N/A	ORDER_KEY	User-Defined Key*		
9066-56	WP2, PF2	Fixed Value for Customer Number field "MATNR"			S/4HANA	WB2_D_B USVOLBASE	FIELDCOMB	Field Combination for the Business Volume		Fixed Value for Customer Number field "MATNR" Standard value is '0009' for Material from table WB2_C_BVB_FC
9066-57	WP2, PF2	"KOTE" + KONH-KOTABNR	MATNR	Material Number	S/4HANA	WB2_D_B USVOLBASE	MATNR	Customer Number		

Settlement Dates

Following records created one per Rebate / Condition Contract

9066-58	WP2, PF2	KONA	KNUMA	System ID+KNUMA	S/4HANA	N/A	LEGACY_NUMBER	Legacy Contract Number*		System ID+KNUMA
9066-59	WP2, PF2	KONH	KNUMH	Alternate - Running number with in KNUMA	S/4HANA	N/A	ORDER_KEY	User-Defined Key*		
9066-60	WP2, PF2	KONA	DATBI	Settlement Date*	S/4HANA	WB2_D_S ETTL_CAL	SETTLEMENT_DATE	Settlement Date*		
9066-61	WP2, PF2	Default Blank Value		Settlement Date Type	S/4HANA	WB2_D_S ETTL_CAL	SETTLEMENT_DATE_TYPE	Settlement Date Type		Leave BLANK value which means Final Settlement
9066-62	WP2, PF2	Default Blank Value		Reference Date	S/4HANA	WB2_D_S ETTL_CAL	REF_SETTL_DATE	Reference Date		Required only for Delta Settlements. Currently no data exist in source

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:

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

- 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

Key Adjustment for Legacy KNUMA

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

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

Example:

- Legacy KNUMA 0000007589 Migrated as 1000007589 (for PF2)
- Legacy KNUMA 0000007589 Migrated as 2000007589 (for WP2)

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

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.

Transformation Mapping

Mapping Table Name	Mapping Table Description
MAP_VKORG	Sales Organization Mapping table
MAP_VTWEG	Distribution Channel Mapping table
MAP_SPART	Division Mapping table
MAP_VKBUR	Sales office Mapping table
MAP_VKGRP	Sales Group Mapping table

MAP_ZLSCH	Payment Method Mapping table
MAP_ZTERM	Payment terms Mapping table
MAP_KSCHL_REBATE	Rebate Condition Types Mapping table [Please refer below for proposed table structure]
MAP_KUNNR	Customer Master Mapping table
MAP_MATNR	Material Master Mapping table

Proposed table structure

The following mapping table for Rebate Condition Types is proposed to determine the appropriate target condition types and also transparent table. This mapping will also serve as a control mechanism to ensure that only valid records, with corresponding configurations available in the target system, are migrated. Records without target condition type or condition table name can be excluded from the extracted data.

MAP_KSCHL_REBATE

SYSID	KSCHL	TABNAME	KOTABNR	SYSID	KSCHL	TABNAME	KOTABNR
System ID	ConditionType	TableName	TableNumber	TSystemID	TConditionType	TTableName	TTableNumber
PF2	NVA	KOTE001	001	S/4HANA	ZRS1	A001	001
PF2	ZNAQ	KOTE001	001	S/4HANA	ZRS1	A001	001
PF2	ZNAP	KOTE001	001	S/4HANA	ZRS1	A001	001
PF2	NAP	KOTE001	001	S/4HANA	ZRS1	A001	001
PF2	NAQ	KOTE001	001	S/4HANA	ZRS1	A001	001
WP2	Z041	KOTE001	001	S/4HANA	ZRS1	A001	001
WP2	Z042	KOTE001	001	S/4HANA	ZRS1	A001	001
WP2	Z043	KOTE003	003	S/4HANA	ZRS3	A4AO	4AO
WP2	Z044	KOTE003	003	S/4HANA	ZRS3	A4AO	4AO
WP2	Z061	KOTE001	001	S/4HANA	ZRS1	A001	001
WP2	Z063	KOTE003	003	S/4HANA	ZRS3	A4AO	4AO

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	Condition Contract 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)

Pre-Load Validation

Project Team

Completeness

Task	Action
Configuration	Ensure necessary configurations are in place in target system and field mapping is aligned with Condition contract type, 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 as per the target definition table are available

Accuracy

Task	Action
Review Mapping Table	Ensure all the source organization units, master data, payment term and condition type and related configurations are mapped with target values
Perform format validation (date, currency, decimal separators)	Standardize format to match SAP accepted input (e.g., YYYYMMDD for dates)
Conduct dry runs using Migration Cockpit for condition contracts	Analyze load results and correct format or conversion errors

Business

Completeness

Task	Action
Completeness	Review and confirm if the extraction contain all the open rebate agreements

Accuracy

Task	Action
Review rebates for duplicate or conflicting entries	Review for duplicates within key combinations (e.g., Customer, customer-material-date)
Validity Period Check	Review validity period of the rebate agreements

Load

The load process includes:

1. The process will involve downloading the transformed data from the Syniti system and then uploading the files into the target system using the standard SAP Migration Cockpit application to create condition contracts. The generated migration data will be used as load files, which can be directly uploaded through the Migration Cockpit.
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 generation manual load files using Syniti in target structure defined for Migration Cockpit data load	Data Team (Syniti)
6	Load extracted data using Migration Cockpit for condition contract creation	Data Team (L2C)
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 condition contracts	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 contract configurations	Ensure configurations are complete for the target system and mapping tables are updated accordingly
Condition types	Ensure the condition types are assigned with access sequence and condition tables are active for all the key combinations planned for each rebate condition type
Organization Data	Ensure configurations for all the organization units involved in condition contracts are imported into the target system

Conversion Objects

Object #	Preceding Object Conversion Approach
Material Master	Material Master Basic and Sales View
Business Partner	Business Partner Basic and Sales View

Error Handling

Error Type	Error Description	Action Taken
Invalid Condition contract Type	Condition contract type not found or not configured in target S/4HANA system	Validated against configuration; corrected or replaced with valid condition contract type
Invalid Condition Type	Condition contract 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 (A4AO, 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 contract list report T-Code WCOCOALL	Run the report transaction to review and confirm the expected condition contracts are created.
Duplicate Records check	Review the condition contract list using reference rebate agreement number (legacy rebate #) and ensure no duplicate condition contracts created
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	Validate the post load extracted data against pre-load data to ensure <ol style="list-style-type: none"> 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
Review condition records	Review the and confirm all the open and valid condition records are created under each condition contract

Business

The business team plays a vital role in validating the completeness and accuracy of data loaded into S/4HANA. Their review ensures that condition contracts, 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 rebate 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 contracts	Access the S/4HANA system (via transactions like WCOCO or custom reports) to view loaded condition contracts data
Check for Missing Records	Identify any missing condition contracts, 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. 43)	Feb 26, 2026 09:31	THANGARAJAN-ext, Ganesan	Remove CUI related instances
v. 42	Feb 26, 2026 07:53	THANGARAJAN-ext, Ganesan	Remove CUI related instances
v. 41	Nov 24, 2025 10:21	THANGARAJAN-ext, Ganesan	
v. 40	Nov 05, 2025 16:47	THANGARAJAN-ext, Ganesan	
v. 39	Oct 13, 2025 12:25	THANGARAJAN-ext, Ganesan	
v. 38	Oct 07, 2025 08:45	THANGARAJAN-ext, Ganesan	
v. 37	Sept 12, 2025 11:41	THANGARAJAN-ext, Ganesan	
v. 36	Sept 12, 2025 07:12	THANGARAJAN-ext, Ganesan	
v. 35	Sept 12, 2025 06:55	THANGARAJAN-ext, Ganesan	
v. 34	Sept 12, 2025 04:58	THANGARAJAN-ext, Ganesan	

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