

# CNV-9106-Output determination for application V1/V3

|              |                 |
|--------------|-----------------|
| Status       | Approved        |
| Owner        | THOMAS-ext, Ety |
| Stakeholders |                 |

## Purpose

This document defines the conversion approach for migrating Sales (V1) and Billing (V3) output condition records from SAP ECC to SAP S/4HANA, based on a new BRF+-driven output management strategy.

This document introduces a new approach to migrating output management, shifting from the legacy ECC output condition record model to a simplified, rules-driven BRF+ framework. It describes the end-to-end migration process, covering data extraction and transformation (by Syniti), functional transformation (by the Functional Team), and loading into BRF+ decision tables (by the functional team)—ensuring alignment with overall project governance and design principles.

### New Approach: BRF+ Output Simplification

- Merge multiple legacy ECC output types (e.g., ZC10,ZC11,ZARM...) into a single BRF+-driven output type, e.g. ORDER\_CONFIRMATION to simplify maintenance and governance.
- Global template layout per output type (as much as possible)
- Minimize the creation of outputs that are rarely triggered, focusing on high-value and frequently triggered scenarios.
- Avoid using business partners or email addresses as decision table input parameters. Instead, leverage business partner attributes to determine the appropriate outputs and channels. This approach requires that the relevant attributes be maintained during Business Partner migration, aligned with the existing output conditions.

### Key Implications:

- There will be no direct one-to-one mapping between ECC output condition records and BRF+ decision tables. Instead, this approach will use a rules-based model that covers the majority of business scenarios and reduces operational complexity.
- The new model will establish and maintain output determination records—including email recipients, output channels, and Business Partner–related output conditions—within BRF+.
- The transformation builds upon the configuration and master data currently maintained under the Classic Output Management (NAST framework) in ECC, adapting it to the BRF+ governance structure in S/4HANA.
- The tables referenced in this document are intended to illustrate the rationale behind the BRF+ decision tables.
- Similarly, the legacy tables extracted from ECC will not be migrated as-is. Instead, they will serve as a reference to support the migration and transformation of the relevant objects into the S/4HANA target design.

## Conversion Scope

The conversion scope covers the extraction, transformation, and loading of output determination data from Classic Output Management (NAST-based framework) into BRF+ Output Parameter Determination (OPD) in S/4HANA, ensuring both initial migration and interim synchronization until full adoption of BRF+ is achieved.

### The scope includes:

- Extraction of customer-related output condition records (e.g., for Sales Orders, Scheduling Agreements, Invoice and Credit and Debit memos) from Classic Output Management, including associated communication details such as email addresses, language, and output channels;
- Mapping of Classic condition record keys (application, condition type, key combination) to BRF+ OPD parameters (e.g., Document Type, Output Type, Sales Organization,);
- Transformation of medium and dispatch settings from Classic (e.g., NAST medium codes) to BRF+ equivalent channels (e.g., Email, Print, EDI), ensuring compatibility with S/4HANA Output Management settings;
- Initial Load of the transformed dataset into BRF+ Output Parameter Determination using the OPD framework and/or BRF+ application data load methods;
- Validation to ensure that migrated BRF+ records produce identical output results as their Classic counterparts for equivalent sales scenarios.

### Out of Scope:

- Migration of output determination for applications outside of sales (e.g., MM Purchasing outputs);
- Migration of outputs no longer managed in S/4: **Quotations and Contracts** (Managed in Salesforce)
- Migration of output no longer in scope of Sales (V1): SDB outputs (managed in Delivery)
- Modifications to customer master data beyond the email and communication fields required for BRF+;
- Changes to output form templates (Smartforms/Adobe Forms) beyond what is required for enabling BRF+.

### The data from legacy system includes:

1. Active output condition records for Sales (Application V1 and V3) linked to customers (Partner Function SP, BP,PY, CONTACTS) with maintained communication details (email address, fax, etc.)
  - a. Output types relevant for Sales Orders, Invoices and memos and Scheduling Agreements that are in active use in the business process
2. Records with valid medium settings (e.g., Email, Print, EDI) compatible with S/4HANA BRF+ output channels
3. Active records where the deletion indicator (LOEKZ) is initial.
4. Language assignments that are valid in the target system

**The data from legacy system excludes:**

1. Obsolete, expired, or logically deleted output condition records
2. **Output** condition records for customers not in scope of the [CNV-3003 Business Partners - Customer \(Sales and Service\) - FLCU01](#)
3. Output condition records for Sales areas not in scope.
4. Output types not used in the current or target S/4HANA sales processes
5. Records with incomplete or invalid communication data (e.g., missing email for email output medium)
6. Condition records belonging to applications other than sales (e.g., LE, MM, FI outputs)

**Data Profiling**

The table below based on the entries in the table NAST outlines the legacy configuration values and numbers. Its purpose is to demonstrate how these values inform the design and logic of the BRF+ decision tables.

In addition, the table figures highlight the data that needs to be extracted from ECC systems, even though it will not be migrated into the target S/4HANA target .

| System | Application | Scope | Source Approx No. of NAST Records | Target System | Target Approx No. of Records |
|--------|-------------|-------|-----------------------------------|---------------|------------------------------|
| PF2    | V1          |       | 53997 records (raw count)         | S4/Hana       |                              |
| PF2    | V3          |       | 134195 records (raw count)        |               |                              |
| WP2    | V1          |       | 36012 records (raw count)         |               |                              |
| WP2    | V3          |       | 42777 records (raw count)         |               |                              |

| System                        | Application | Table | Table Description                                     | Output Types                                                                                                                | Source Approx No. of Records | Target System | Target Approx No. of Records |
|-------------------------------|-------------|-------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|------------------------------|
| <b>WP2 V1 SALES OUTPUTS</b>   |             |       |                                                       |                                                                                                                             |                              |               |                              |
| WP2                           | V1          | B001  | Sales Organization/Customer Number                    | BA00/SDB/ZMCE/ZRC3/ZRS2/ZRSP/ZRST/ZSY2 /ZSYC                                                                                | 534                          | S4/OPD        |                              |
| WP2                           | V1          | B005  | Sales Organization/Order Type                         | SDB/ZAAR/ZAN1/ZARC/ZARD/ZARE/ZBA0/ZBA1 /ZBA2/ZBA6/ZBA8/ZBA9/ZBAC/ ZBDC/ZBSC/ZCQ1/ZLRG/ZMRC/ZMRM/ZPL1/ZSTC /ZSTO/ZTP1/       | 2441                         |               |                              |
| WP2                           | V1          | B013  | Sales Org.                                            | ZAAR/ZAN0/ZAN1/ZARC/ZARD/ZARE/ZARM/ZBA1/ ZBA2/ZBA5/ZBA6/ZBA7/ZBA8/ZBA9/ZBAC/ZBAR /ZBSC/                                     | 125                          |               |                              |
| WP2                           | V1          | B502  | Sales org./Sales off.                                 | ZAAR/ZAN0/ZAN1/ZARC/ZARD/ZARE/ZARM/ZBA0 /ZBA1/ZBA2/ZBA3/ZBA5/ ZBA6/ZBA7/ZBA8/ZBA9/ZBAR/ZBSC/ZCQ1/ZCQR /ZCSC/ZMRC/ZMRM/ZPL1/ | 477                          |               |                              |
| WP2                           | V1          | B503  | Sales organization/Sales office /Commercial assistant | ZAAR/ZAN0/ZAN1/ZARC/ZARD/ZARE/ZARM/ZBA0 /ZBA1/ZBA2/ZBA3/ZBA5/ZBA6/ ZBA7/ZBA8/ZBA9/ZBAR/ZBSC/ZCQ1/ZCQR/ZCSC /ZMRC/ZMRM/ZPL1/ | 278                          |               |                              |
| WP2                           | V1          | B506  | Sales organization/Sales office /Sold to party        | ZARC/ZARM/ZBA0/ZBA1/ZBA2/ZBA5/ZBA9/ZBAC/ ZBSC/ZC10/ZC17/ZC19/ZCAR/ZCOE/ZMRC/ZMRM/                                           | 179                          |               |                              |
| WP2                           | V1          | B532  | Sales Org/DC/Sales Office                             | ZARC/ZARM/ZBA1/ZBA2/ZBA9/ZBAC/ZBAR/ZBSC /ZMRM/                                                                              | 26                           |               |                              |
| WP2                           | V1          | B559  | Sales org./Sold to Country /Currency                  | ZARC/ZARM/ZBAC/                                                                                                             | 16                           |               |                              |
| WP2                           | V1          | B701  | Ship Point/SalesDocTy                                 | ZDOC/                                                                                                                       | 1                            |               |                              |
| WP2                           | V1          | B933  | Sales org./PO type                                    | ZARM/ZAWA/                                                                                                                  | 91                           |               |                              |
| WP2                           | V1          | B934  | Sales org./PO type/Sold-to pt                         | ZAWA/                                                                                                                       | 763                          |               |                              |
| <b>WP2 V3 INVOICE OUTPUTS</b> |             |       |                                                       |                                                                                                                             |                              |               |                              |
| WP2                           | V3          | B001  | Sales Organization/Customer Number                    | FUPI/RD00/RD02/RD04/ZFC1/ZINV/ZRD3/ZRD7 /ZRDA/ZRDB/                                                                         | 952                          |               |                              |
| WP2                           | V3          | B008  | Billing Type                                          | ZLO1/ZLOT/ZPI3/ZQBC/ZQCA/ZRAR/ZREJ/                                                                                         | 39                           |               |                              |

|                             |    |      |                                                                 |                                                                                                                                 |       |  |  |
|-----------------------------|----|------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------|--|--|
| WP2                         | V3 | B011 | Sales Organization/Billing Type                                 | ZBA1/ZEID/ZEIG/ZEII/ZGST/ZPLD/ZRAC/ZRAR<br>/ZRB0/ZRB1/ZRD0/ZRD1<br>/ZRD2/ZRD8/ZRDE/ZRDP/ZRDQ/ZRLA/ZRLR/ZRS1<br>/ZRS2/ZRSC/ZRUP/ | 411   |  |  |
| WP2                         | V3 | B013 | Sales Org.                                                      | RD04/ZFMX/ZRAR/ZRD3/ZRD5/ZRD7/ZRMX/ZRS5/                                                                                        | 9     |  |  |
| WP2                         | V3 | B504 | Sales organization/ Shipping<br>point                           | ZRD4/ZRD5/ZRD6/ZRDD/ZRN5/ZRN6/ZRS5/ZRS6/                                                                                        | 1     |  |  |
| WP2                         | V3 | B505 | Sales organization/Shipping point<br>/Bill-to party             | ZRD6/ZRN6/ZRS6/                                                                                                                 | 3     |  |  |
| WP2                         | V3 | B507 | Sales organization/Sales office<br>/Bill-to party               | ZGST/ZLIF/ZLIP/ZRAR/ZRB0/ZRD0/ZRD1/ZRD2<br>/ZRD8/ZRDE/ZRDP/ZREJ/ZRS1/ZRS2/ZRSC/                                                 | 163   |  |  |
| WP2                         | V3 | B511 | Sales organization/Sales office                                 | ZLIF/ZLIP/ZRAR/ZRB0/ZRD0/ZRD1/ZRD2/ZRD8<br>/ZRDE/ZRDP/ZRDQ/ZRS1/ZRS2/ZRSC/                                                      | 53    |  |  |
| WP2                         | V3 | B512 | Sales organization/Sales office<br>/Commercial assistant        | ZCOR/ZPLD/ZRB0/ZRB1/ZRD0/ZRD1/ZRD2/ZRD5<br>/ZRDE/<br>ZRDP/ZRDQ/ZRS1/ZRS2/ZRS5/ZRSC/                                             | 47    |  |  |
| WP2                         | V3 | B533 | Sales Org/Distribution Channel<br>/Sales Office                 | ZRD6/ZRN6/ZRS6/                                                                                                                 | 5     |  |  |
| WP2                         | V3 | B539 | Sales org./Sales Off./Created<br>/Bill. Type                    | ZPLD/ZRB0/ZRB1/ZRD0/ZRD1/ZRD2/ZRD8/ZRDE<br>/ZRS1/ZRSC/                                                                          | 1     |  |  |
| WP2                         | V3 | B551 | Sales org./Doc.cat./Sales Off./Bill<br>to                       | ZINV/ZRDC/ZREI/ZRWF/                                                                                                            | 79    |  |  |
| WP2                         | V3 | B552 | Sales org./Sales Off./Doc.cat.<br>/SalesDocTy/e-inv. flag       | ZRDC/ZRWF/                                                                                                                      | 788   |  |  |
| WP2                         | V3 | B553 | Sales Off./Doc.cat./e-inv. flag                                 | ZREI/ZRWF/                                                                                                                      | 85    |  |  |
| WP2                         | V3 | B554 | Sales org./Sales Off./Doc.cat./e-<br>inv. flag                  | ZRDC/ZREI/ZRWF/                                                                                                                 | 673   |  |  |
| WP2                         | V3 | B558 | Sales Organization/Sales Office<br>/Billing Type                | ZRAC/ZRB0/ZRDE/ZRSC/                                                                                                            | 106   |  |  |
| WP2                         | V3 | B560 | Sales Off./e-inv. flag                                          | ZRDC/ZREI/                                                                                                                      | 6     |  |  |
| WP2                         | V3 | B569 | Sales org./Currency/Plant/Bill.<br>Type                         | ZRAR/ZRB0/ZRD0/ZRD3/ZRDE/ZREJ/ZRLA/ZRN5<br>/ZRS2/ZRSC/                                                                          | 11    |  |  |
| WP2                         | V3 | B570 | Sales org./Currency/Bill. Type                                  | ZGSU/ZPLD/ZRAR/ZRD5/ZRD8/ZRDE/ZREJ/                                                                                             | 6     |  |  |
| WP2                         | V3 | B572 | Sales org./Distr. Chl/Bill. Type<br>/Sold-To Pt                 | ZGST/ZRB0/ZRDE/ZRSC/                                                                                                            | 21    |  |  |
| WP2                         | V3 | B889 | Sales org./Sold-to pt                                           | ZRDC/ZRWF/                                                                                                                      | 27    |  |  |
| WP2                         | V3 | B910 | Interco. billing: Org.comm./Bill-to                             | ZGST/ZRB0/ZRD0/ZRD1/ZRD5/ZRD8/ZRDE/ZRDQ<br>/ZRLA/ZRLR/ZRN5/ZRS5/ZRSC/                                                           | 37    |  |  |
| WP2                         | V3 | B923 | Sales Organization/Distribution<br>Channel/Bill-to party        | ZGST/ZLIF/ZRB0/ZRD0/ZRD5/ZRDE/ZRS1/ZRS5<br>/ZRSC/                                                                               | 51    |  |  |
| WP2                         | V3 | B953 | Sales org./Bill.type/Payer                                      | ZRDA/ZRGE/                                                                                                                      | 84    |  |  |
| WP2                         | V3 | B955 | Sales org./Ship.point/Bill.type<br>/RecipCntry                  | ZRM6/                                                                                                                           | 6541  |  |  |
| WP2                         | V3 | B957 | Sales organization/Billing type<br>/Bill-to party               | ZINV/ZRD5/ZRDA/ZRDB/ZRS5/                                                                                                       | 7326  |  |  |
| WP2                         | V3 | B960 | e-invoicing                                                     | ZRAR/ZREJ/ZRS2/                                                                                                                 | 1     |  |  |
| WP2                         | V3 | B962 | Sales Organization/Distribution<br>Channel/Billing Type/Ship-to | ZLIF/ZRB0/ZRD0/ZRDE/ZRGE/ZRS1/ZRSC/                                                                                             | 72    |  |  |
| WP2                         | V3 | B995 | Sales Org/Sales Office/Billing<br>Type/Dest country             | ZRDE/ZRS2/                                                                                                                      | 44    |  |  |
| <b>PF2 V1 SALES OUTPUTS</b> |    |      |                                                                 |                                                                                                                                 |       |  |  |
| PF2                         | V1 | B001 | Sales Organization/Customer<br>Number                           | BA00/SDB/ZC2B/ZC44/ZC46/ZC52/ZC55/ZMCE<br>/ZRC3/ZRS2/ZRSP/ZRST/ZSY2/ZSYC                                                        | 18392 |  |  |
| PF2                         | V1 | B005 | Sales Organization/Order Type                                   | SDB/ZAAR/ZAN1/ZARC/ZARD/ZARE/ZBA0/ZBA1<br>/ZBA2/ZBA6/ZBA8/ZBA9/ZBAC/<br>ZBDC/ZBSC/ZCQ1/ZLRG/ZMRC/ZMRM/ZPL1/ZSTC<br>/ZSTO/ZTP1/  | 292   |  |  |
| PF2                         | V1 | B006 | SOrg./Distrib.Ch/Division<br>/Customer                          | ZC46/ZC50/ZCER/                                                                                                                 | 11    |  |  |
| PF2                         | V1 | B506 | Sales Off./Ship-To/SalesDocTy<br>/Division                      | ZARC/ZARM/ZBA0/ZBA1/ZBA2/ZBA5/ZBA9/ZBAC/<br>ZBSC/ZC10/ZC17/ZC19/ZCAR/ZCOE/ZMRC/ZMRM/                                            | 75    |  |  |
| PF2                         | V1 | B891 | Sales Office/Customer/Sales<br>Document Type                    | ZC10/ZC11/ZC13/ZC14/ZC15/ZC16/ZC17/ZC19/<br>ZC35/ZC36/ZC40/ZCAR/ZCOE/ZCOF/                                                      | 11248 |  |  |
| PF2                         | V1 | B912 | Sales office/Sales document type                                | ZC10/ZC11/ZC13/ZC15/ZC16/ZCAR/ZCOE/                                                                                             | 121   |  |  |
| PF2                         | V1 | B913 | Sales office                                                    | ZC10/ZC11/ZC13/ZC15/ZCAR/                                                                                                       | 31    |  |  |
| PF2                         | V1 | B917 | Sales Office/Sales DocType/PO<br>type                           | ZC10/ZC17/ZCAR/                                                                                                                 | 121   |  |  |
| PF2                         | V1 | B918 | Sales office/Sold-to party                                      | ZC10/ZC11/ZC13/ZC14/ZC17/ZC19/ZC35/ZC36<br>/ZCAR/ZCOE/                                                                          | 3318  |  |  |
|                             |    |      |                                                                 |                                                                                                                                 |       |  |  |

|                               |    |      |                                                       |                                                                         |       |  |  |
|-------------------------------|----|------|-------------------------------------------------------|-------------------------------------------------------------------------|-------|--|--|
| PF2                           | V1 | B922 | Sales office/Shipping conditions.                     | ZC30/ZC31/ZC40/                                                         | 221   |  |  |
| PF2                           | V1 | B938 | Sales organization/Purchase order type/Customer       | ZC2B/                                                                   | 24    |  |  |
| PF2                           | V1 | B950 | Sales office/Division/Sales document type             | ZC10/ZC11/ZC13/ZC17/ZC19/ZCAR/ZCOE/                                     | 344   |  |  |
| PF2                           | V1 | B956 | Sales office/Shipping conditions /Plant               | ZC30/ZC32/                                                              | 34    |  |  |
| PF2                           | V1 | B959 | Sales office/Shipping conditions /Service agent       | ZC30/ZC40/                                                              | 108   |  |  |
| PF2                           | V1 | B972 | Sales office/Shipping conditions /Contact Agent       | ZC31/                                                                   | 1     |  |  |
| PF2                           | V1 | B986 | Sales office/Country (Sold-to party)                  | ZC10/ZC11/ZC17/ZC19/ZCAR/                                               | 319   |  |  |
| PF2                           | V1 | B989 | Sales Organization/Customer /Sales Document Type      | ZC2B/                                                                   | 4     |  |  |
| <b>PF2 V3 INVOICE OUTPUTS</b> |    |      |                                                       |                                                                         |       |  |  |
| PF2                           | V3 | B001 | Sales Organization/Customer Number                    | FUPI/RD00/RD02/RD04/ZFC1/ZINV/ZRD3/ZRD7 /ZRDA/ZRDB/                     | 2966  |  |  |
| PF2                           | V3 | B006 | SOrg./Distrib.Ch/Division /Customer                   | RD04                                                                    | 387   |  |  |
| PF2                           | V3 | B008 | Billing Type                                          | ZQBC                                                                    | 2     |  |  |
| PF2                           | V3 | B011 | Sales Organization/Billing Type                       | ZBA1/ZEID/ZEIG/ZEII/ZGST/ZPLD/ZRAC/ZRAR /ZRB0/ZRB1/ZRD0/ZRD1/ZRD2/ZRD8/ | 195   |  |  |
|                               |    |      |                                                       | ZRDE/ZRDP/ZRDQ/ZRLA/ZRLR/ZRS1/ZRS2/ZRSC /ZRUP/                          |       |  |  |
| PF2                           | V3 | B013 | Sales Org.                                            | RD04/ZFMX/ZRAR/ZRD3/ZRD5/ZRD7/ZRMX/ZRS5/                                | 63    |  |  |
| PF2                           | V3 | B840 | Sales office / Sold-to Doc type / Billing Type        | ZF00/                                                                   | 35    |  |  |
| PF2                           | V3 | B841 | Sales office / Sold-to Doc type                       | ZF00/ZF0R/ZF1R/                                                         | 122   |  |  |
| PF2                           | V3 | B913 | Sales office                                          | ZF00/ZF01/ZF05/ZFCF/                                                    | 110   |  |  |
| PF2                           | V3 | B916 | Bill-to party                                         | ZF01/                                                                   | 2     |  |  |
| PF2                           | V3 | B919 | Sales office/Bill-to party/Billing type               | ZF00/ZF01/ZF30/                                                         | 1332  |  |  |
| PF2                           | V3 | B920 | Bill.type/Sales org./RecipCntry                       | ZF00/ZF01/                                                              | 14    |  |  |
| PF2                           | V3 | B921 | Sales office/Bill-to party                            | ZF00/ZF01/ZF05/ZF10/                                                    | 14365 |  |  |
| PF2                           | V3 | B927 | Billing type/Bill-to party                            | RD06/ZF06/ZF17/                                                         | 72    |  |  |
| PF2                           | V3 | B932 | Payer                                                 | ZF00/                                                                   | 192   |  |  |
| PF2                           | V3 | B935 | Sales organization/Shipping point /Billing type       | ZF15/ZF16/                                                              | 69    |  |  |
| PF2                           | V3 | B937 | Payer/Billing type                                    | ZF00/ZF01/                                                              | 986   |  |  |
| PF2                           | V3 | B939 | Sales office/Manual invoice maintenance               | ZF00/ZF01/ZF05/                                                         | 28    |  |  |
| PF2                           | V3 | B940 | Sales office/Bill-to party/Manual invoice maintenance | ZF01/                                                                   | 46    |  |  |
| PF2                           | V3 | B942 | Sales office/Country (Bill-to party)                  | ZF00/ZF01/ZF05/ZF10/                                                    | 271   |  |  |
| PF2                           | V3 | B953 | Sales office/Sales group                              | ZF00/ZF01/                                                              | 72    |  |  |
| PF2                           | V3 | B958 | Sales off./Sales org./Bill.type                       | ZF00/                                                                   | 71    |  |  |
| PF2                           | V3 | B963 | Sales org./Contact agent/Bill.type                    | ZFCA/                                                                   | 1056  |  |  |
| PF2                           | V3 | B966 | Sales org./Payer/Bill.type                            | ZF00/ZF01/ZF02/ZFCF/ZFMX/                                               | 32553 |  |  |
| PF2                           | V3 | B967 | Sales Organization/PO type/Sold-to party              | ZF2B/                                                                   | 1     |  |  |
| PF2                           | V3 | B973 | Bill.type/Sales org./RecipCntry /Payer                | ZF01/ZF99/                                                              | 96    |  |  |
| PF2                           | V3 | B974 | Sales organization/Billing type /Bill-to party        | RD06/ZF15/ZF16/ZF17/ZFIL/ZFIM/                                          | 1882  |  |  |
| PF2                           | V3 | B975 | Sales organization/Billing type /Delivering country   | ZF15/                                                                   | 23    |  |  |
| PF2                           | V3 | B985 | Sales organization/Sold-to party                      |                                                                         | 11    |  |  |
| PF2                           | V3 | B993 | Sales Organization/Billing Type /Destination Country  | ZF15/                                                                   | 16    |  |  |
| PF2                           | V3 | B998 | Sales organization/Payer                              | ZFIL/                                                                   | 102   |  |  |

## Additional Information

## Multi-language Requirement

Output texts and messages will be migrated for all relevant languages (EN, FR, NL, PT, etc.).

## Document Management

All deliverables, SQL extractions, and DT Templates will be version-controlled in Confluence and Jira.

## Legal Requirement

N/A

### Special Requirements

N/A

## Target Design

In S/4HANA Output Management (via BRF+), decision tables replace the condition technique. Each BRF+ decision table acts like a flexible rule set:

| Input Parameters                                                                                                                                                     | Decision Logic                                                                                                                                                                                                                                                                                                                                                                                                                  | Output Parameters (Result)                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Temperature (°C)</li> <li>Humidity (%)</li> <li>Wind Speed (km/h)</li> <li>Pressure (hPa)</li> <li>Cloud Cover (%)</li> </ul> | <ul style="list-style-type: none"> <li>IF Temperature &gt; 30 AND Humidity &gt; 80 THEN High Humidity</li> <li>ELSE IF Temperature &gt; 30 THEN High Temperature</li> <li>ELSE IF Humidity &gt; 80 THEN High Humidity</li> <li>ELSE IF Wind Speed &gt; 15 THEN High Wind</li> <li>ELSE IF Pressure &lt; 1013 THEN Low Pressure</li> <li>ELSE IF Cloud Cover &gt; 80 THEN High Clouds</li> <li>ELSE Normal Conditions</li> </ul> | <ul style="list-style-type: none"> <li>High Humidity</li> <li>High Temperature</li> <li>High Humidity</li> <li>High Wind</li> <li>Low Pressure</li> <li>High Clouds</li> <li>Normal Conditions</li> </ul> |

They determine:

1. **Output Type** (e.g., ORDER\_CONFIRMATION, BILLING\_OUTPUT)
2. **Output Channel** (Email, Print, EDI, IDoc)
3. **Form Template** (Adobe Form)
4. **Receiver** (Partner Function)
5. **Language**

The decision tables below depict the typical structures of BRF+ tables and are based on the current design within the Toolkit. Please note that these tables will change once the final design has been confirmed.

### SALES DECISION TABLES:

| Decision Table Name | Input Parameter 1   | Input Parameter 2 | Input Parameter 3    | Input Parameter 4 | Input Parameter 5 | Input Parameter 6 | Input Parameter 7 | Input Parameter 8 | Input Parameter 9  | Input Parameter 10 | Result              | Result         |
|---------------------|---------------------|-------------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|---------------------|----------------|
| DT_OUTPUT_TYPE      | Sales Document Cat. | Sales Doc. Type   |                      |                   |                   |                   |                   |                   |                    |                    | Output Type         | Dispatch Time  |
| DT_OUTPUT_CHANNEL   | Output Type         | Partner Role      | Sales Org.           | Distr. Channel    | Division          | Sales Office      | Recipient         |                   |                    |                    | Channel             |                |
| DT_RECEIVER         | Output Type         | Partner Role      |                      |                   |                   |                   |                   |                   |                    |                    | Exclusive Indicator |                |
| DT_EMAIL_SETTING    | Output Type         | Partner Role      | Sales Org.           | Distr. Channel    | Division          | Sales Office      |                   |                   |                    |                    | Sender Email        | Email Template |
| DT_EMAIL_RECEIVER   | Output Type         | Partner Role      |                      |                   |                   |                   |                   |                   |                    |                    | Email Type Code     | Email Address  |
| DT_OUTPUT_RELEVANCE | Output Type         | Purch Conf. Sts   | Overall Header       | Overall Cred Stat | Delivery Block    | Billing Block     | All Items         |                   |                    |                    | Relevance Indicator |                |
| DT_FORM_TEMPLATE    | Output Type         | Sales Org         | Distribution Channel | Division          | Sales Office      | Role              | Channel           | Sender Ctry /Reg  | Receiver Ctry /Reg | Receiver Language  | Form template       | Form Language  |

### BILLING DECISION TABLES:

[illegible]

| DT_OUTPUT_TYPE      | Document Cat. | Billing Type      | Sales Org.           | Distr. Channel      | Division           | Sales Office  | Sales Group        | Bill to party    |  |  | Output Type         | Dispatch Time       |
|---------------------|---------------|-------------------|----------------------|---------------------|--------------------|---------------|--------------------|------------------|--|--|---------------------|---------------------|
| DT_RECEIVER         | Output Type   |                   |                      |                     |                    |               |                    |                  |  |  | Partner Role        | Exclusive Indicator |
| DT_CHANNEL          | Output Type   | Partner Role      | Sales Org.           | Distr. Channel      | Division           | Sales Office  | Recipient          | Customer Group 5 |  |  | Channel             |                     |
| DT_PRINTER          | Output Type   | Sales Org.        | Distribution Channel | Division            | Sales Office       | Billing Type  |                    |                  |  |  | Print Queue         | Number of Copies    |
| DT_EMAIL_SETTING    | Output Type   | Partner Role      | Sales Org.           | Distr. Channel      | Division           | Sales Office  | Billing Type       |                  |  |  | Sender Email        | Email Template      |
| DT_EMAIL_RECEIVER   | Output Type   | Partner Role      |                      |                     |                    |               |                    |                  |  |  | Email Type Code     | E-Mail Address      |
| DT_FORM_TEMPLATE    | Output Type   | Sales Org.        | Sender Ctry /Reg.    | Recipient Ctry/Reg. | Recipient Language | Document Cat. | Billing Type       |                  |  |  | Form Template       | Form Language       |
| DT_OUTPUT_RELEVANCE | Output Type   | Document Category | Posting Status       | Billing Type        | Sales Org.         | Bill to Party | Receiver Ctry /Reg |                  |  |  | Relevance Indicator |                     |

## Data Cleansing

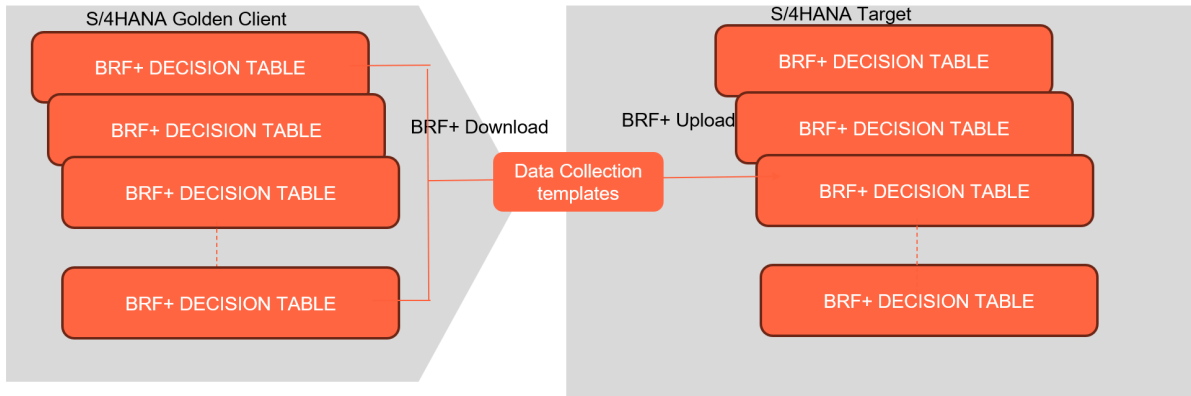
N/A

| ID | Criticality | Error Message/Report Description | Rule | Output | Source System |
|----|-------------|----------------------------------|------|--------|---------------|
|    |             |                                  |      |        |               |
|    |             |                                  |      |        |               |
|    |             |                                  |      |        |               |
|    |             |                                  |      |        |               |

## Conversion Process

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

### OUTPUT DETERMINATION – SALES AND INVOICE



### Data Privacy and Sensitivity

All data extracted must be anonymized and handled according to data protection policies.

- Copy 1:1 (keep Legacy)

## Extraction

Data will be extracted from ECC using SQL-based queries executed directly on the source database.

The extraction process is required to join those **B\*** condition tables—which contain a link to a business partner (KUNNR, KUNAG, KUNRE, KUNRG) or contain a large number of entries for a single output type—to the **NACH** table. This approach enables identification of the output medium and the output language and ensures that all relevant configuration records are captured.

The extracted data will **not** be migrated directly; instead, it will be used to:

- Update the business partner attributes that determine the appropriate outputs and channels.
- Populate the data collection files based on the BRF+ decision table setup.

Relevancy criteria will be applied to include only active, valid, and in scope records.

There will therefore be 2 different sets of Data collection Reports (RT)

- An initial set based on the legacy BXXX tables that will include all relevant information to facilitate the subsequent uploads. It will be referred to "RT\_OUTPUT\_CONDITIONS"
  - The RT\_OUTPUT\_CONDITIONS can be used in [CNV-3003 Business Partners - Customer \(Sales and Service\) - FLCU0](#) to set up default outputs channels. **(TBC)**
- A subsequent set of OPD DT tables, referred to as DT\_OPD\_DECISION\_TABLES

## Source Tables to be extracted:

Following Bxxx tables relate to output conditions linked to business partners as well as tables with multiple entries. The whole table needs to be extracted:

### **BXXX TABLES**

| System | App    | Table-Name  | Description                                           | Field 1 | Field 2 | Field 3      | Field 4 | Field 5 | Field 6 | Comment                   |
|--------|--------|-------------|-------------------------------------------------------|---------|---------|--------------|---------|---------|---------|---------------------------|
| PF2    | V1 /V3 | <b>B001</b> | Sales Organization/Customer Number                    | KAPPL   | KSCHL   | VKORG        | KNDNR   |         |         |                           |
| PF2    | V1 /V3 | <b>B006</b> | SOrg./Distrib.Ch/Division/Customer                    | KAPPL   | KSCHL   | VKORG        | VTWEG   | SPART   | KNDNR   |                           |
| PF2    | V3     | <b>B866</b> | Sales Organization/Division/Customer                  | KAPPL   | KSCHL   | VKORG        | SPART   | KNDNR   |         |                           |
| PF2    | V3     | <b>B867</b> | Sales Organization/Division/Customer/Quality code     | KAPPL   | KSCHL   | VKORG        | SPART   | KNDNR   | MVGR3   |                           |
| PF2    | V1     | <b>B891</b> | Sales Office/Customer/SalesDocType                    | KAPPL   | KSCHL   | <b>VKBUR</b> | KNDNR   | AUART   |         | No Sales org              |
| PF2    | V1     | <b>B918</b> | Sales Office/Sold-to Party                            | KAPPL   | KSCHL   | <b>VKBUR</b> | KUNNR   |         |         | No Sales org              |
| PF2    | V3     | <b>B919</b> | Sales Office/Bill-to Party/Billing Type               | KAPPL   | KSCHL   | <b>VKBUR</b> | KUNRE   | FKART   |         | No Sales org              |
| PF2    | V3     | <b>B921</b> | Sales Office/Bill-to Party                            | KAPPL   | KSCHL   | <b>VKBUR</b> | KUNRE   |         |         | No Sales org              |
| PF2    | V3     | <b>B927</b> | Billing type/Bill-to party                            | KAPPL   | KSCHL   | <b>FKART</b> | KUNRE   |         |         | No Sales org              |
| PF2    | V3     | <b>B932</b> | Payer                                                 | KAPPL   | KSCHL   | <b>KUNRE</b> |         |         |         | No Sales org              |
| PF2    | V3     | <b>B937</b> | Payer/Billing type                                    | KAPPL   | KSCHL   | <b>KUNRG</b> | FKART   |         |         | No Sales org              |
| PF2    | V1     | <b>B938</b> | Sales organization/Purchase order type/Customer       | KAPPL   | KSCHL   | VKORG        | BSARK   | KNDNR   |         |                           |
| PF2    | V3     | <b>B940</b> | Sales office/Bill-to party/Manual invoice maintenance | KAPPL   | KSCHL   | <b>VKBUR</b> | KUNRE   | MRNKZ   |         | No Sales org              |
| PF2    | V3     | <b>B966</b> | Sales Org/Payer/Billing Type                          | KAPPL   | KSCHL   | VKORG        | KUNRG   | FKART   |         |                           |
| PF2    | V3     | <b>B973</b> | Bill.type/Sales org./RecipCntry/Payer                 | KAPPL   | KSCHL   | FKART        | VKORG   | LAND1   | KUNRG   |                           |
| PF2    | V3     | <b>B974</b> | Sales Org/Billing Type/Bill-to Party                  | KAPPL   | KSCHL   | VKORG        | FKART   | KUNRE   |         |                           |
| PF2    | V1     | <b>B989</b> | Sales Organization/Customer/Sales Document Type       | KAPPL   | KSCHL   | VKORG        | KNDNR   | AUART   |         |                           |
| PF2    | V3     | <b>B998</b> | Sales organization/Payer                              | KAPPL   | KSCHL   | VKORG        | KUNRG   |         |         |                           |
|        |        |             |                                                       |         |         |              |         |         |         |                           |
| WP2    | V1 /V3 | <b>B001</b> | Sales Organization/Customer Number                    | KAPPL   | KSCHL   | VKORG        | KNDNR   |         |         |                           |
| WP2    | V1     | <b>B005</b> | Sales Organization/Order Type                         | KAPPL   | KSCHL   | VKORG        | AUART   |         |         | No customer, 2441 entries |
| WP2    | V3     | <b>B505</b> | Sales organization/Shipping point/Bill-to party       | KAPPL   | KSCHL   | VKORG        | ZZVSTEL | KUNRE   |         |                           |
| WP2    | V3     | <b>B507</b> | Sales organization/Sales office/Bill-to party         | KAPPL   | KSCHL   | VKORG        | ZZVKBUR | KUNRE   |         |                           |
| WP2    | V3     | <b>B551</b> | Sales org./Doc.cat./Sales Off./Bill to                | KAPPL   | KSCHL   | VKORG        | VB Typ  | ZZVKBUR | KUNRE   |                           |
| WP2    | V3     | <b>B572</b> | Sales org./Distr. Chl/Bill. Type/Sold-To Pt           | KAPPL   | KSCHL   | VKORG        | VTWEG   | FKART   | KUNAG   |                           |
| WP2    | V3     | <b>B889</b> | Sales org./Sold-to pt                                 | KAPPL   | KSCHL   | VKORG        | KUNAG   |         |         |                           |
| WP2    | V3     | <b>B910</b> | Interco. billing: Org.comm./Bill-to                   | KAPPL   | KSCHL   | VKORG        | KUNRE   |         |         |                           |
| WP2    | V3     | <b>B923</b> | Sales Organization/Distribution Channel/Bill-to party | KAPPL   | KSCHL   | VKORG        | VTWEG   | KUNRE   |         |                           |
| WP2    | V3     | <b>B924</b> | Sales org./Distr. Chl/Bill to/Del. type               | KAPPL   | KSCHL   | VKORG        | VTWEG   | KUNRE   | LFART   |                           |
| WP2    | V1     | <b>B934</b> | Sales org./PO type/Sold-to pt                         | KAPPL   | KSCHL   | VKORG        | BSARK   | KUNNR   |         |                           |
| WP2    | V3     | <b>B953</b> | Sales org./Bill.type/Payer                            | KAPPL   | KSCHL   | VKORG        | VTWEG   | FKART   | KUNWE   |                           |

|     |    |             |                                                              |       |       |       |         |       |       |                           |
|-----|----|-------------|--------------------------------------------------------------|-------|-------|-------|---------|-------|-------|---------------------------|
| WP2 | V3 | <b>B955</b> | Sales org./Ship.point/Bill.type/RecipCntry                   | KAPPL | KSCHL | VKORG | ZZVSTEL | FKART | LAND1 | No customer, 6541 entries |
| WP2 | V3 | <b>B957</b> | Sales organization/Billing type/Bill-to party                | KAPPL | KSCHL | VKORG | FKART   | KUNRE |       |                           |
| WP2 | V3 | <b>B962</b> | Sales Organization/Distribution Channel/Billing Type/Ship-to | KAPPL | KSCHL | VKORG | VTWEG   | FKART | KUNWE |                           |
| WP2 | V3 | <b>B964</b> | Sales org./Ship Point/Bill. Type/Ship-to                     | KAPPL | KSCHL | VKORG | ZZVSTEL | FKART | KUNWE |                           |
|     |    |             |                                                              |       |       |       |         |       |       |                           |

The agreed Relevancy criteria is applied to the extracted records to identify the records that are applicable for the Target loads (relevant sales Organisation)

## **NACH TABLE**

|    | Table | Field   | Field       | Data Type | Length | Short Description            | Requirement |
|----|-------|---------|-------------|-----------|--------|------------------------------|-------------|
| 1  | NACH  | MANDT   | MANDT       | CLNT      | 3      | Client                       | Mandatory   |
| 5  | NACH  | KVEWE   | KVEWE       | CHAR      | 1      | Usage of the condition table | Mandatory   |
| 6  | NACH  | KOTABNR | KOTABNR     | CHAR      | 3      | Condition table              | Mandatory   |
| 7  | NACH  | KAPPL   | KAPPL       | CHAR      | 2      | Application                  | Mandatory   |
| 8  | NACH  | KSCHL   | KSCHL_OC    | CHAR      | 4      | Condition Type               | Mandatory   |
| 13 | NACH  | PARVW   | PARVW       | CHAR      | 2      | Partner Function             | Mandatory   |
| 14 | NACH  | PARNR   | NA_PARNR_OC | CHAR      | 10     | Message partner              | Mandatory   |
| 15 | NACH  | NACHA   | NA_NACHA    | CHAR      | 1      | Message transmission medium  | Mandatory   |
| 17 | NACH  | VSZTP   | NA_VSZTP    | CHAR      | 1      | Dispatch time                | Mandatory   |
| 18 | NACH  | SPRAS   | SPRAS       | LANG      | 1      | Language Key                 | Optional    |

## Extraction Run Sheet

|                           |                                                                                                                                                                                                                                                                   |  |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 001 WP2 V1 /V3<br>NACH    | NACH-KVEWE = 'B' (Usage Output)<br>NACH-KAPPL = 'V1' (Application Sales Order) OR 'V3' (Application Billing)<br>NACH-KOTABNR ( Tables: above )<br>NACH-KSCHL (Output types)<br>NACH-NACHA (Transmission Medium)<br>NACH-PARVW (Partner)<br>NACH-SPRAS ((Language) |  |
| 001 PF2 V1 /V3<br>NACH    | NACH-KVEWE 'B' (Usage Output)<br>NACH-KAPPL = 'V1' (Application Sales Order) OR 'V3' (Application Billing)<br>NACH-KOTABNR ( Tables: above )<br>NACH-KSCHL (Output types)<br>NACH-NACHA (Transmission Medium)<br>NACH-PARVW (Partner)<br>NACH-SPRAS (Language)    |  |
| 001 WP2 V1/V3<br>B TABLES |                                                                                                                                                                                                                                                                   |  |
| 001 PF2 V1/V3<br>B TABLES |                                                                                                                                                                                                                                                                   |  |

## Selection Screen

| Selection Ref Screen | Parameter Name | Selection Type | Requirement | Value to be entered/set |
|----------------------|----------------|----------------|-------------|-------------------------|
| Not applicable       |                |                |             |                         |

Report (RT):

### RT\_OUTPUT\_CONDITIONS

The legacy output conditions from the B table will be combined with their corresponding medium / partner and language from table NACH in a report Table called RT\_OUPUT\_CONDITIONS. An additional column will be added to cater for following exceptions:

- a table / table entry without a Sales organisation
- a table / table entry without a customer
- A duplicate (or more) entry for a customer number (if possible)

As we are dealing with multiple tables with different number of fields, the customer number can be in different positions, and have a different field name:

The customer in the BXXX table can be

- KUNNR
- KNDNR
- KUNAG
- KUNRE
- KUNRG
- KUNWE

The customer number field will be referred to as CUSTNO and depending on the B table will be mapped as follows: (eg. B\_TABLE-CUSTNO = B\_TABLE-KNDNR if table = B001, B006 etc..)

| PF2   |      |      |      |      |      |      |      |      |  | WP2  |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|
| KNDNR | B001 | B006 | B866 | B867 | B876 | B891 | B938 | B989 |  | B001 |      |      |      |      |      |      |
| KUNNR | B918 |      |      |      |      |      |      |      |  | B934 |      |      |      |      |      |      |
| KUNRE | B919 | B921 | B927 | B932 | B940 | B974 |      |      |  | B505 | B507 | B551 | B910 | B923 | B924 | B957 |
| KUNRG | B937 | B966 | B973 | B998 |      |      |      |      |  |      |      |      |      |      |      |      |
| KUNAG |      |      |      |      |      |      |      |      |  | B572 | B889 |      |      |      |      |      |
| KUNWE |      |      |      |      |      |      |      |      |  | B953 | B962 | B964 |      |      |      |      |

### Data Transformation:

### RT OUTPUT CONDITIONS

The target audience for the Output Conditions Report is:

- the L2C functional team responsible for uploading the various OPD decision tables. These tables will be reviewed by the business.
- the L2C data team as the L2C functional team may need to update the Business Partners sales view. (TBC)
  - Each BP's default Medium will be held in Customer Group 4 (sales) and 5 (billing) rather than being an entry in the Decision table (TBC)
  - The extraction will allow the following:
    - a table entry that leads to multiple output Mediums in NACH for the same partner
    - a table entry that leads to multiple output Mediums in NACH and partner depending on the condition type
  - New rules need to be agreed by the business and added to manage multiple table entries

| Field Name                    | Field Description | Source | Rule | Target Table |  | Target Field | Transformation Logic |
|-------------------------------|-------------------|--------|------|--------------|--|--------------|----------------------|
| <u>TRANSFORMATION LOGIC:</u>  |                   |        |      |              |  |              |                      |
| There are 3 types of B tables |                   |        |      |              |  |              |                      |

- B\* tables without Sales Org
- B\* tables with Sales Org: (they will only be included if they belong to a relevant sales org)
  - B\* tables without Customer number (with many entries)
  - B\* table with Customer number

EXCEPTION = "MISSING ORG" - entry added to report

EXCEPTION = "NO CUSTOMER" - entry added to report

B\* Tables and NACH table are linked via field KNUMH. The purpose of the transformation is

- to obtain the NACH table entry or entries that contains the customer number. The customer number information is contained in NACH-VAKEY and can be the last field (RIGHT,10) or the 2nd field (MID, 4,10) for B919,B940,B940 , B924.
- to obtain NACH entries for the relevant sales organisations if customer no is not available.

The NACH table entry will also contain the output partner (NACH-PARVW) and medium (NACH-NACHA)

It is possible to find multiple entries for a given customer, all the entries will be added to the **RT\_OUTPUT\_CONDITIONS** and a rule defined by the business will select the relevant one.

As the material number is not available, the sales org transformation should assign all relevant target sales orgs and add them.

B\* tables where there is no Sales organisation:

IF TABLE-NAME IN B891,B918,B919,B921,B927,B932,B937,B938 THEN

- EXCEPTION = "MISSING SORG"

ELSE

(exclude entries from not relevant Sales Organisation or Customer)

SELECT from WP2-BXXX where VKORG is in scope and KUNNR is in scope

SELECT from PF2-BXXX where VKORG is in scope and KUNNR is in scope

IF TABLE-NAME IN B005 , B995

- RT\_OUTPUT-VKORG = LEFT (NACH-VAKEY,4)
- EXCEPTION = "NO CUSTOMER"

IF TABLE-NAME IN B891,B918,B919,B921,B927,B932,B937,B938 THEN

READ NACH (using KNUMH number) where

NACH-KVEWE = 'B'

NACH-KAPPL = B\_TABLE-KAPPL

NACH-KSCHL = B\_TABLE-KSCHL

NACH-KNUMH = B\_TABLE\_KNUMH

NACH-KOTABNR = B\_TABLE-NAME

RIGHT(NACH-VAKEY,10) = B\_TABLE-CUSTNO IF TABLE-NAME <> B919 OR B940 OR B940 OR B924

ELSE (second field) MID (NACH-VAKEY,4,10) = B\_TABLE-CUSTNO

RT\_OUTPUT-CUSTNO = B-TABLE-CUSTNO

RT\_OUTPUT-PARVW = NACH-PARVW

RT\_OUTPUT-CHANNEL = NACH-NACHA

RT-OUTPUT-LANGUAGE = NACH-SPRAS

ADD ENTRY TO TABLE

RT-OUTPUT\_CONDITIONS STRUCTURE:

|        |                  |    |                                           |                      |  |              |                                                                      |
|--------|------------------|----|-------------------------------------------|----------------------|--|--------------|----------------------------------------------------------------------|
| SYSTEM | System PF2/WP2   | B* |                                           | RT_OUTPUT_CONDITIONS |  | SYSTEM       | Copy 1:1                                                             |
| APP    | V1 or V3         | B* |                                           | RT_OUTPUT_CONDITIONS |  | APP          | Copy 1:1                                                             |
| TABLE  |                  | B* |                                           | RT_OUTPUT_CONDITIONS |  | TABLE        | Copy 1:1                                                             |
| KSCHL  |                  | B* |                                           | RT_OUTPUT_CONDITIONS |  | CONDITION    | Copy 1:1                                                             |
| VKORG  | Target Sales org | B* | If Mapping is 1:N<br>Exception = "LEGACY" | RT_OUTPUT_CONDITIONS |  | S4 SALES ORG | If mapping is 1:1<br>▪ MAP-VKORG<br>Else<br>▪ Copy 1:1 (keep Legacy) |
| VTWEG  | Distr Channel    | B* |                                           | RT_OUTPUT_CONDITIONS |  | DIST CHANNEL | • Copy 1:1                                                           |
| SPART  | Division         | B* |                                           | RT_OUTPUT_CONDITIONS |  | DIVISION     |                                                                      |

|        |                        |      |                                    |                      |  |                |                |
|--------|------------------------|------|------------------------------------|----------------------|--|----------------|----------------|
|        |                        |      |                                    |                      |  |                | • Copy 1:1     |
| AUART  | Sales order Type       | B*   |                                    | RT_OUTPUT_CONDITIONS |  | ORDER TYPE     | • Copy 1:1     |
| FKART  | Billing Type           | B*   |                                    | RT_OUTPUT_CONDITIONS |  | BILLING TYPE   | • Copy 1:1     |
| VKBUR  | Sales office           | B*   |                                    | RT_OUTPUT_CONDITIONS |  | SALES OFFICE   | • Copy 1:1     |
| LAND1  | Country                | B*   |                                    | RT_OUTPUT_CONDITIONS |  | COUNTRY        | • Copy 1:1     |
| BSARK  | Purchase order type    | B*   |                                    | RT_OUTPUT_CONDITIONS |  | PO TYPE        | ▪ Copy 1:1     |
| VKGRP  | Sales group            | B*   |                                    | RT_OUTPUT_CONDITIONS |  | SALES GROUP    | • Copy 1:1     |
| CUSTNO | Legacy Customer number | B*   |                                    | RT_OUTPUT_CONDITIONS |  | CUSTOMER NO    | B_TABLE_CUSTNO |
| CUSTNO | Target Customer number | B*   |                                    | RT_OUTPUT_CONDITIONS |  | S4 CUSTOMER NO | Customer-XREF  |
| NAME1  | Customer name          | ADRC | Read customer name from ADRC-NAME1 | RT_OUTPUT_CONDITIONS |  | CUSTOMER NAME  | • Copy 1:1     |
| PARVW  | Partner type           | NACH |                                    | RT_OUTPUT_CONDITIONS |  | PARTNER TYPE   | • Copy 1:1     |
| NACHA  | Output Medium          | NACH |                                    | RT_OUTPUT_CONDITIONS |  | MEDIUM         | • Copy 1:1     |
| SPRACH | Language               | NACH |                                    | RT_OUTPUT_CONDITIONS |  | LANGUAGE       | • Copy 1:1     |
|        |                        |      |                                    | RT_OUTPUT_CONDITIONS |  | EXCEPTION CODE |                |

## **RT OPD DECISION TABLES**

The L2C functional team is responsible for uploading the information in the OPD decision tables. Some tables are mainly replacing the legacy condition configuration, and will be populated with predefined values first for business review and update

BRF+ provides a built-in feature to **download and upload decision tables** as Excel files.

### **Steps:**

1. Go to BRF+ application in transaction **BRF+**
2. Open the **Decision Table** object.
3. From the **Table Maintenance** screen:
  - Click on **"Download to Excel"** system exports the current content and structure.
  - Fill in or update the Excel file offline.
  - Use **"Upload from Excel"** to import back.

### **Note:**

- **Each table must be handled individually.**
  - **The creation of Data collection template must be aligned with BRF+ configurations .** For now, the following Templates are based on interim configurations (from S/4HANA sandbox). This will be replaced once the configuration is ready. The same applies to the contents of the DTs, they are here as examples of how the entries look like and will be replaced by real objects .
1. DT\_OUTPUT\_TYPE
  2. DT\_RECEIVER
  3. DT\_OUTPUT\_CHANNEL
  4. DT\_EMAIL\_SETTING
  5. DT\_EMAIL\_RECEIVER
  6. DT\_OUTPUT\_RELEVANCE
  7. DT\_FORM\_TEMPLATE

## **SALES DECISION TABLES**

### **DT OUTPUT TYPE:**

**DT Rules:**

| Name               | Description (Text) | Result Column | Type           | Binding               | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|--------------------|--------------------|---------------|----------------|-----------------------|--------|----------|---------------|----------------|----------------|---------------|
| SDDOCUMENTCATEGORY | Document Cat.      |               | Element (Text) | VBTYPL                | 4      | 0        |               |                |                |               |
| SALESDOCUMENTTYPE  | Sales Doc. Type    |               | Element (Text) | AUART                 | 4      | 0        |               | X              |                |               |
| OUTPUT_TYPE        | Output Type        | X             | Element (Text) | APOC_OUTPUT_TYPE      | 30     | 0        |               | X              |                |               |
| DISPATCH_TIME      | Dispatch Time      | X             | Element (Text) | APOC_OR_DISPATCH_TIME | 1      | 0        |               | X              |                |               |

**DT Template:**

| Document Cat. | Sales Doc. Type              | Output Type                   | Dispatch Time |
|---------------|------------------------------|-------------------------------|---------------|
| =C            | =OR                          | Z_ORDER_ACKNOWLEDGEMENT_EMAIL | 2             |
| =C            | <>BV ; exclude =SO01 ; =CCIS | ORDER_CONFIRMATION            | 1             |
| =C            | <>BV ; exclude =SO01 ; =CCIS | ORDER_CONFIRMATION_CHANGE     | 1             |
| =C            | =BV                          | CASH_SALE                     | 1             |
| =A            |                              | SALES_INQUIRY                 | 1             |

**DT RECEIVER: (Partner)****DT Rules:**

| DT_RECEIVER   |                     |               |                |                          |        |          |               |                |                |               |
|---------------|---------------------|---------------|----------------|--------------------------|--------|----------|---------------|----------------|----------------|---------------|
|               | Description (Text)  | Result Column | Type           | Binding                  | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
| OUTPUT_TYPE   | Output Type         |               | Element (Text) | APOC_OUTPUT_TYPE         | 30     | 0        |               | X              |                |               |
| ROLE Name     | Role                | X             | Element (Text) | APOC_ROLE_CODE           | 2      | 0        |               | X              |                |               |
| EXCLUSIVE_IND | Exclusive Indicator | X             | Element (Text) | APOC_EXCLUSIVE_INDICATOR | 1      | 0        |               | X              |                |               |

**DT Template:**

| Output Type                    | Role | Exclusive Indicator |
|--------------------------------|------|---------------------|
| =Z_ORDER_ACKNOWLEDGEMENT_EMAIL | AP   | -                   |
| =ORDER_CONFIRMATION            | AP   | -                   |
| =ORDER_CONFIRMATION            | AG   | -                   |
| =ORDER_CONFIRMATION_CHANGE     | AG   | -                   |
| =CASH_SALE                     | RE   | -                   |
| =CASH_SALE_CHANGE              | RE   | -                   |
| =CUSTOMER_RETURN               | AG   | -                   |
| =CUSTOMER_RETURN_CHANGE        | AG   | -                   |
| =DEBIT_MEMO_REQUEST            | ZM   | -                   |
| =DEBIT_MEMO_REQUEST_CHANGE     | ZM   | -                   |
| =CREDIT_MEMO_REQUEST           | ZM   | -                   |

**DT CHANNEL: (Medium)****DT Rules:**

| Name                          | Description (Text)  | Result Column | Type            | Binding                  | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|-------------------------------|---------------------|---------------|-----------------|--------------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE                   | Output Type         |               | Element (Text ) | APOC_OUTPUT_TYPE         | 30     | 0        |               | X              |                |               |
| ROLE                          | Role                |               | Element (Text ) | APOC_ROLE_CODE           | 2      | 0        |               | X              |                |               |
| SALESORGANIZATION             | Sales Org.          |               | Element (Text ) | VKORG                    | 4      | 0        |               | X              |                |               |
| DISTRIBUTIONCHANNEL           | Distr. Channel      |               | Element (Text ) | VTWEG                    | 2      | 0        |               | X              |                |               |
| ORGANIZATIONDIVISION          | Division            |               | Element (Text ) | SPART                    | 2      | 0        |               | X              |                |               |
| SALESOFFICE                   | Sales Office        |               | Element (Text ) | VKBUR                    | 4      | 0        |               | X              |                |               |
| BUSINESS_PARTNER_ID           | Recipient           |               | Element (Text ) | APOC_RECEIVER_ID         | 10     | 0        |               | X              |                |               |
| SALESDOCUMENTTYPE             | Sales Doc. Type     |               | Element (Text ) | AUART                    | 4      | 0        |               | X              |                |               |
| OVRLITMGENERALINCOMPLETIONSTS | All Items           |               | Element (Text ) | UVALL_SU                 | 1      | 0        |               | X              |                |               |
| CHANNEL                       | Channel             | X             | Element (Text ) | APOC_CHANNEL             | 5      | 0        |               | X              |                |               |
| EXCLUSIVE_IND                 | Exclusive Indicator | X             | Element (Text ) | APOC_EXCLUSIVE_INDICATOR | 1      | 0        |               | X              |                |               |

**DT Template:**

| Output Type                    | Role | Sales Org. | Distr. Channel | Division | Sales Office | Recipient | Sales Doc. Type | All Items | Channel | Exclusive Indicator |
|--------------------------------|------|------------|----------------|----------|--------------|-----------|-----------------|-----------|---------|---------------------|
| =Z_ORDER_ACKNOWLEDGEMENT_EMAIL |      |            |                |          |              |           |                 |           | EMAIL   | -                   |
| =ORDER_CONFIRMATION            | =AP  |            |                |          |              |           |                 |           | EMAIL   | -                   |
| =ORDER_CONFIRMATION            | =AG  |            |                |          |              |           |                 |           | PRINT   | -                   |
| =ORDER_CONFIRMATION            | =AG  | =1001      |                |          |              |           | =OR             |           | EDI     | -                   |
| =ORDER_CONFIRMATION            | =AG  |            |                |          |              |           |                 |           | PRINT   | -                   |
| =ORDER_CONFIRMATION_CHANGE     |      |            |                |          |              |           |                 |           | PRINT   | -                   |
| =CASH_SALE                     |      |            |                |          |              |           |                 |           | PRINT   | -                   |

**DT EMAIL RECEIVER:****DT Rules:**

| Name        | Description (Text) | Result Column | Type            | Binding              | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|-------------|--------------------|---------------|-----------------|----------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE | Output Type        |               | Element (Text ) | APOC_OUTPUT_TYPE     | 30     | 0        |               | X              |                |               |
| ROLE        | Role               |               | Element (Text ) | APOC_ROLE_CODE       | 2      | 0        |               | X              |                |               |
| EMAIL_ROLE  | Email Type Code    | X             | Element (Text ) | APOC_EMAIL_ROLE_CODE | 5      | 0        |               | X              |                |               |
| EMAIL_URI   | E-Mail Address     | X             | Element (Text ) | AD_SMTPADR           | 241    | 0        |               |                |                |               |

**DT Template:**

| Output Type                    | Role | Email Role | Email URI |
|--------------------------------|------|------------|-----------|
| =Z_ORDER_ACKNOWLEDGEMENT_EMAIL | =AP  | TO         |           |
| =ORDER_CONFIRMATION            | =AP  | TO         |           |
| =ORDER_CONFIRMATION            | =AG  | TO         |           |

**DT EMAIL SETTING:**DT Rules:

| Name                 | Description (Text) | Result Column | Type           | Binding                | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|----------------------|--------------------|---------------|----------------|------------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE          | Output Type        |               | Element (Text) | APOC_OUTPUT_TYPE       | 30     | 0        |               | X              |                |               |
| ROLE                 | Role               |               | Element (Text) | APOC_ROLE_CODE         | 2      | 0        |               | X              |                |               |
| SALESORGANIZATION    | Sales Org.         |               | Element (Text) | VKORG                  | 4      | 0        |               | X              |                |               |
| DISTRIBUTIONCHANNEL  | Distr. Channel     |               | Element (Text) | VTWEG                  | 2      | 0        |               | X              |                |               |
| ORGANIZATIONDIVISION | Division           |               | Element (Text) | SPART                  | 2      | 0        |               | X              |                |               |
| SALESOFFICE          | Sales Office       |               | Element (Text) | VKBUR                  | 4      | 0        |               | X              |                |               |
| EMAIL_FROM           | Sender Email       | X             | Element (Text) | APOC_SENDER_EMAIL_ADDR | 241    | 0        |               |                |                |               |
| EMAIL_TEMPLATE_ID    | Email Template     | X             | Element (Text) | APOC_EMAIL_TEMPLATE    | 30     | 0        |               | X              |                |               |

DT Template:

| Output Type                    | Role | Sales Org. | Distr. Channel | Division | Sales Office | Sender Email                                                                     | Email Template                |
|--------------------------------|------|------------|----------------|----------|--------------|----------------------------------------------------------------------------------|-------------------------------|
| =ORDER_CONFIRMATION            | =AG  | =1001      |                |          |              | <a href="mailto:jatin.somaiya-ext@syensqo.com">jatin.somaiya-ext@syensqo.com</a> | SD_SLS_DEFAULT_EMAIL_TEMPLATE |
| =ORDER_CONFIRMATION            |      | =1001      |                |          |              | <a href="mailto:jatin.somaiya-ext@syensqo.com">jatin.somaiya-ext@syensqo.com</a> | SD_SLS_DEFAULT_EMAIL_TEMPLATE |
| =Z_ORDER_ACKNOWLEDGEMENT_EMAIL | =AP  |            |                |          |              | <a href="mailto:jatin.somaiya-ext@syensqo.com">jatin.somaiya-ext@syensqo.com</a> | SD_SLS_DEFAULT_EMAIL_TEMPLATE |

**DT OUTPUT RELEVANCE:**DT Rules:

| Name                          | Description (Text)  | Result Column | Type           | Binding                  | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|-------------------------------|---------------------|---------------|----------------|--------------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE                   | Output Type         |               | Element (Text) | APOC_OUTPUT_TYPE         | 30     | 0        |               | X              |                |               |
| OVERALLPURCHASECONFSTATUS     | Purg Conf. Sts      |               | Element (Text) | COSTA_D                  | 1      | 0        |               | X              |                |               |
| HDRGENERALINCOMPLETIONSTATUS  | Overall Header      |               | Element (Text) | UVALL_UK                 | 1      | 0        |               | X              |                |               |
| TOTALCREDITCHECKSTATUS        | OverallCredStat     |               | Element (Text) | CMGST                    | 1      | 0        |               | X              |                |               |
| DELIVERYBLOCKREASON           | Delivery Block      |               | Element (Text) | LIFSK                    | 2      | 0        |               | X              |                |               |
| HEADERBILLINGBLOCKREASON      | Billing Block       |               | Element (Text) | FAKSK                    | 2      | 0        |               | X              |                |               |
| OVLITMGGENERALINCOMPLETIONSTS | All Items           |               | Element (Text) | UVALL_SU                 | 1      | 0        |               | X              |                |               |
| RELEVANCE_IND                 | Relevance Indicator | X             | Element (Text) | APOC_RELEVANCE_INDICATOR | 1      | 0        |               | X              |                |               |
| OVLITMGGENERALINCOMPLETIONSTS | All Items           |               | Element (Text) | UVALL_SU                 | 1      | 0        |               | X              |                |               |
| CHANNEL                       | Channel             | X             | Element (Text) | APOC_CHANNEL             | 5      | 0        |               | X              |                |               |
| EXCLUSIVE_IND                 | Exclusive Indicator | X             | Element (Text) | APOC_EXCLUSIVE_INDICATOR | 1      | 0        |               | X              |                |               |

DT Template:

| Output Type              | Purg Conf. Sts | Overall Header | OverallCredStat | Delivery Block | Billing Block | All Items | Relevance Indicator | All Items | Channel | Exclusive Indicator |
|--------------------------|----------------|----------------|-----------------|----------------|---------------|-----------|---------------------|-----------|---------|---------------------|
| =Z_ORDER_ACKNOWLEDGEMENT | = " "          |                |                 |                |               |           | " "                 |           | EMAIL   | -                   |

|                            |           |    |                       |            |            |    |   |  |       |   |
|----------------------------|-----------|----|-----------------------|------------|------------|----|---|--|-------|---|
| _EMAIL                     |           |    |                       |            |            |    |   |  |       |   |
| =ORDER_CONFIRMATION        | =C ; =" " | =C | contains not any 'BC' | is initial |            | =C | X |  | EMAIL | - |
| =ORDER_CONFIRMATION_CHANGE | =C ; =" " | =C | contains not any 'BC' | is initial |            | =C | X |  | PRINT | - |
| =CASH_SALE                 |           | =C | contains not any 'BC' | is initial | is initial |    | X |  | EDI   | - |
| =CASH_SALE_CHANGE          |           | =C | contains not any 'BC' | is initial | is initial |    | X |  | PRINT | - |
| =CUSTOMER_RETURN           |           | =C | contains not any 'BC' | is initial |            |    | X |  |       |   |
| =CUSTOMER_RETURN_CHANGE    |           | =C | contains not any 'BC' | is initial |            |    | X |  |       |   |
| =ORDER_WO_CHARGE           | =C ; =" " | =C | contains not any 'BC' | is initial |            |    | X |  |       |   |
| =ORDER_WO_CHARGE_CHANGE    | =C ; =" " | =C | contains not any 'BC' | is initial |            |    | X |  |       |   |
| =DEBIT_MEMO_REQUEST        |           | =C | contains not any 'BC' |            | is initial |    | X |  |       |   |
| =CREDIT_MEMO_REQUEST       |           | =C | contains not any 'BC' |            | is initial |    | X |  |       |   |

#### **DT FORM TEMPLATE:**

##### DT\_Rules

| Name                   | Description(Text)      | Result Column | Type            | Binding          | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|------------------------|------------------------|---------------|-----------------|------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE            | Output Type            |               | Element (Text ) | APOC_OUTPUT_TYPE | 30     | 0        |               | X              |                |               |
| SALESORGANIZATION      | Sales Org              |               | Element (Text ) |                  | 1      | 0        |               | X              |                |               |
| DISTRIBUTIONCHANNEL    | Distribution Channel   |               | Element (Text ) |                  | 1      | 0        |               | X              |                |               |
| DIVISION               | Division               |               | Element (Text ) |                  | 1      | 0        |               | X              |                |               |
| SALESOFFICE            | Sales Office           |               | Element (Text ) |                  | 2      | 0        |               | X              |                |               |
| ROLE                   | Role                   |               | Element (Text ) |                  | 2      | 0        |               | X              |                |               |
| CHANNEL                | Channel                |               | Element (Text ) |                  | 1      | 0        |               | X              |                |               |
| SENDER_COUNTRY         | Sender Ctry/Reg        |               | Element (Text ) |                  | 2      | 0        |               | X              |                |               |
| RECEIVER_COUNTRY       | Receiver Ctry/Reg      |               | Element (Text ) |                  | 2      | 0        |               | X              |                |               |
| RECEIVER_LANGUAGE      | Receiver Language      |               | Element (Text ) |                  | 2      | 0        |               | X              |                |               |
| FORM_TEMPLATE_NAME     | Form template Name     | X             | Element (Text ) |                  |        | 0        |               | X              |                |               |
| FORM_TEMPLATE_LANGUAGE | Form template Language | X             | Element (Text ) |                  |        |          |               |                |                |               |

##### DT Template:

| Output Type                    | Sales Org | Distribution Channel | Division | Sales Office | Role | Channel | Sender Ctry/Reg | Receiver Ctry/Reg | Receiver Language | Form template Name | Form Template Language |
|--------------------------------|-----------|----------------------|----------|--------------|------|---------|-----------------|-------------------|-------------------|--------------------|------------------------|
| =Z_ORDER_ACKNOWLEDGEMENT_EMAIL | = " "     |                      |          |              |      |         | " "             |                   |                   | X                  | X                      |

## **BILLING DECISION TABLES**

#### **DT OUTPUT TYPE:**

##### DT Rules:

| Name                | Description (Text) | Result Column | Type            | Binding               | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|---------------------|--------------------|---------------|-----------------|-----------------------|--------|----------|---------------|----------------|----------------|---------------|
| SDDOCUMENTCATEGORY  | Document Cat.      |               | Element (Text ) | VBTYPL                | 4      | 0        |               |                |                |               |
| BILLINGDOCUMENTTYPE | Billing Type       |               | Element (Text ) | FKART                 | 4      | 0        |               | X              |                |               |
| SALESORGANIZATION   | Sales Org.         |               | Element (Text ) | VKORG                 | 4      | 0        |               | X              |                |               |
| DISTRIBUTIONCHANNEL | Distr. Channel     |               | Element (Text ) | VTWEG                 | 2      | 0        |               | X              |                |               |
| DIVISION            | Division           |               | Element (Text ) | SPART                 | 2      | 0        |               | X              |                |               |
| SALESOFFICE         | Sales Office       |               | Element (Text ) | VKGRP                 | 2      | 0        |               | X              |                |               |
| SALESGROUP          | Sales Group        |               | Element (Text ) | VKBUR                 | 4      | 0        |               | X              |                |               |
| Bill to party       | Bill to party      |               | Element (Text ) | KUNNR                 | 10     | 0        |               | X              |                |               |
| OUTPUT_TYPE         | Output Type        | X             | Element (Text ) | APOC_OUTPUT_TYPE      | 30     | 0        |               | X              |                |               |
| DISPATCH_TIME       | Dispatch Time      | X             | Element (Text ) | APOC_OR_DISPATCH_TIME | 1      | 0        |               | X              |                |               |

DT Template:

| Document category | Billing Doc Type | Sales Org | Distribution Channel | Division | Sales Office | Sales Group | Bill-to Partner | Output Type | Dispatch Time |
|-------------------|------------------|-----------|----------------------|----------|--------------|-------------|-----------------|-------------|---------------|
|                   |                  |           |                      |          |              |             |                 | X           | X             |

#### **DT RECEIVER: (Partner)**

DT Rules:

| DT_RECEIVER   |                     |               |                 |                          |        |          |               |                |                |               |
|---------------|---------------------|---------------|-----------------|--------------------------|--------|----------|---------------|----------------|----------------|---------------|
|               | Description (Text)  | Result Column | Type            | Binding                  | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
| OUTPUT_TYPE   | Output Type         |               | Element (Text ) | APOC_OUTPUT_TYPE         | 30     | 0        |               | X              |                |               |
| ROLE          | Role                | X             | Element (Text ) | APOC_ROLE_CODE           | 2      | 0        |               | X              |                |               |
| EXCLUSIVE_IND | Exclusive Indicator | X             | Element (Text ) | APOC_EXCLUSIVE_INDICATOR | 1      | 0        |               | X              |                |               |

DT Template:

| Output Type | Role | Exclusive Indicator |
|-------------|------|---------------------|
|             |      |                     |
|             |      |                     |

#### **DT CHANNEL: (Medium)**

DT Rules:

|                     | Description (Text) | Result Column | Type            | Binding          | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|---------------------|--------------------|---------------|-----------------|------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE         | Output Type        |               | Element (Text ) | APOC_OUTPUT_TYPE | 30     | 0        |               | X              |                |               |
| ROLE                | Role               |               | Element (Text ) | APOC_ROLE_CODE   | 2      | 0        |               | X              |                |               |
| SALESORGANIZATION   | Sales Org.         |               | Element (Text ) | VKORG            | 4      | 0        |               | X              |                |               |
| DISTRIBUTIONCHANNEL |                    |               | Element         |                  |        |          |               |                |                |               |

|                     |                     |   |                 |                          |    |   |  |   |  |  |
|---------------------|---------------------|---|-----------------|--------------------------|----|---|--|---|--|--|
| NEL                 | Distr. Channel      |   | (Text )         | VTWEG                    | 2  | 0 |  | X |  |  |
| DIVISION            | Division            |   | Element (Text ) | SPART                    | 2  | 0 |  | X |  |  |
| SALESOFFICE         | Sales Office        |   | Element (Text ) |                          | 2  | 0 |  | X |  |  |
| BUSINESS_PARTNER_ID | Recipient           |   | Element (Text ) | APOC_RECEIVER_ID         | 10 | 0 |  | X |  |  |
| CUSTOMERGROUP5      | Customer Group 5    |   | Element (Text ) | KDGRP                    | 2  | 0 |  | X |  |  |
| CHANNEL             | Channel             | X | Element (Text ) | APOC_CHANNEL             | 5  | 0 |  | X |  |  |
| EXCLUSIVE_IND       | Exclusive Indicator | X | Element (Text ) | APOC_EXCLUSIVE_INDICATOR | 1  | 0 |  | X |  |  |

## **DT PRINTER**

DT Rules:

|                     | Description (Text) | Result Column | Type              | Binding               | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|---------------------|--------------------|---------------|-------------------|-----------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE         | Output Type        |               | Element (Text )   | APOC_OUTPUT_TYPE      | 30     | 0        |               | X              |                |               |
| SALESORGANIZATION   | Sales Org.         |               | Element (Text )   | VKORG                 | 4      | 0        |               | X              |                |               |
| DISTRIBUTIONCHANNEL | Distr. Channel     |               | Element (Text )   | VTWEG                 | 2      | 0        |               | X              |                |               |
| DIVISION            | Division           |               | Element (Text )   | SPART                 | 2      | 0        |               | X              |                |               |
| SALESOFFICE         | Sales Office       |               | Element (Text )   |                       | 2      | 0        |               | X              |                |               |
| BILLINGDOCUMENTTYPE | Billing Type       |               | Element (Text )   | FKART                 | 4      | 0        |               | X              |                |               |
| PRINT_QUEUE_NAME    | Print Queue        | X             | Element (Text )   | APOC_PRINT_QUEUE      | 32     | 0        |               | X              |                |               |
| NUMBER_OF_COPIES    | Number of Copies   | X             | Element (Number ) | APOC_NUMBER_OF_COPIES | 5      | 0        | X             |                |                |               |

## **DT EMAIL SETTING**

DT Rules:

|                     | Description (Text) | Result Column | Type            | Binding                   | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|---------------------|--------------------|---------------|-----------------|---------------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE         | Output Type        |               | Element (Text ) | APOC_OUTPUT_TYPE          | 30     | 0        |               | X              |                |               |
| ROLE                | Role               |               | Element (Text ) | APOC_ROLE_CODE            | 2      | 0        |               | X              |                |               |
| SALESORGANIZATION   | Sales Org.         |               | Element (Text ) | VKORG                     | 4      | 0        |               | X              |                |               |
| DISTRIBUTIONCHANNEL | Distr. Channel     |               | Element (Text ) | VTWEG                     | 2      | 0        |               | X              |                |               |
| DIVISION            | Division           |               | Element (Text ) | SPART                     | 2      | 0        |               | X              |                |               |
| SALESOFFICE         | Sales Office       |               | Element (Text ) |                           | 2      | 0        |               | X              |                |               |
| BILLINGDOCUMENTTYPE | Billing Type       |               | Element (Text ) | FKART                     | 4      | 0        |               | X              |                |               |
| EMAIL_FROM          | Sender Email       | X             | Element (Text ) | APOC_SENDER_EMAIL_ADDRESS | 241    | 0        |               |                |                |               |
| EMAIL_TEMPLATE_ID   | Email Template     | X             | Element (Text ) | APOC_EMAIL_TEMPLATE       | 30     | 0        |               | X              |                |               |

## **DT EMAIL RECEIVER**

DT Rules:

|             | Description (Text) | Result Column | Type            | Binding          | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|-------------|--------------------|---------------|-----------------|------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE | Output Type        |               | Element (Text ) | APOC_OUTPUT_TYPE | 30     | 0        |               | X              |                |               |
| ROLE        | Role               |               | Element (Text ) | APOC_ROLE_CODE   | 2      | 0        |               | X              |                |               |

|            |                 |   |                 |                      |     |   |  |   |  |  |
|------------|-----------------|---|-----------------|----------------------|-----|---|--|---|--|--|
| EMAIL_ROLE | Email Type Code | X | Element (Text ) | APOC_EMAIL_ROLE_CODE | 5   | 0 |  | X |  |  |
| EMAIL_URI  | E-Mail Address  | X | Element (Text ) | AD_SMTPADR           | 241 | 0 |  |   |  |  |

#### **DT FORM TEMPLATE: ()**

##### **DT Rules:**

|                        | Description (Text)   | Result Column | Type            | Binding                     | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|------------------------|----------------------|---------------|-----------------|-----------------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE            | Output Type          |               | Element (Text ) | APOC_OUTPUT_TYPE            | 30     | 0        |               | X              |                |               |
| SALESORGANIZATION      | Sales Org.           |               | Element (Text ) | VKORG                       | 4      | 0        |               | X              |                |               |
| SENDER_COUNTRY         | Sender Ctry /Reg.    |               | Element (Text ) | APOC_SENDER_COUNTRY         | 3      | 0        |               | X              |                |               |
| RECEIVER_COUNTRY       | Recipient Ctry /Reg. |               | Element (Text ) | APOC_RECEIVER_COUNTRY       | 3      | 0        |               | X              |                |               |
| RECEIVER_LANGUAGE      | Recipient Language   |               | Element (Text ) | APOC_RECEIVER_LANGUAGE      | 1      | 0        |               |                |                |               |
| SDDOCUMENTCATEGORY     | Document Cat.        |               | Element (Text ) | VBTYPL                      | 4      | 0        |               |                |                |               |
| BILLINGDOCUMENTTYPE    | Billing Type         |               | Element (Text ) | FKART                       | 4      | 0        |               | X              |                |               |
| FORM_TEMPLATE_NAME     | Form Template        | X             | Element (Text ) | APOC_FORM_TEMPLATE_ID       | 30     | 0        |               | X              |                |               |
| FORM_TEMPLATE_LANGUAGE | Form Language        | X             | Element (Text ) | APOC_FORM_TEMPLATE_LANGUAGE | 1      | 0        |               |                |                |               |

##### **DT Template:**

| Output Type | Sales Org | Sender Country/Reg | Recipient Ctry/Reg. | Recipient Language | Document Cat. | Billing Type | Form template Name | Form Template Language |
|-------------|-----------|--------------------|---------------------|--------------------|---------------|--------------|--------------------|------------------------|
|             | " "       |                    |                     |                    |               |              | X                  | X                      |

#### **DT OUTPUT RELEVANCE: ()**

##### **DT Rules:**

|                            | Description (Text)   | Result Column | Type            | Binding                  | Length | Decimals | Only Positive | Only Uppercase | Timepoint Type | Dimension Key |
|----------------------------|----------------------|---------------|-----------------|--------------------------|--------|----------|---------------|----------------|----------------|---------------|
| OUTPUT_TYPE                | Output Type          |               | Element (Text ) | APOC_OUTPUT_TYPE         | 30     | 0        |               | X              |                |               |
| SDDOCUMENTCATEGORY         | Document Cat.        |               | Element (Text ) | VBTYPL                   | 4      | 0        |               |                |                |               |
| ACCOUNTINGTRANSFERS STATUS | Posting Status       |               | Element (Text ) | RFBSK                    | 1      | 0        |               | X              |                |               |
| BILLINGDOCUMENTTYPE        | Billing Type         |               | Element (Text ) | FKART                    | 4      | 0        |               | X              |                |               |
| SALESORGANIZATION          | Sales Org.           |               | Element (Text ) | VKORG                    | 4      | 0        |               | X              |                |               |
| Bill to party              | Bill to party        |               | Element (Text ) | KUNNR                    | 10     | 0        |               | X              |                |               |
| RECEIVER_COUNTRY           | Recipient Ctry /Reg. |               | Element (Text ) | APOC_RECEIVER_COUNTRY    | 3      | 0        |               | X              |                |               |
| RELEVANCE_IND              | Relevance Indicator  | X             | Element (Text ) | APOC_RELEVANCE_INDICATOR | 1      | 0        |               | X              |                |               |

##### **DT Template:**

| Output Type | Document Cat. | Posting status | Billing Type | sales Org | Bill-to partner | Recipient Ctry/Reg. | Relevance Indicator | All Items | Channel | Exclusive Indicator |
|-------------|---------------|----------------|--------------|-----------|-----------------|---------------------|---------------------|-----------|---------|---------------------|
|             | " "           |                |              |           |                 |                     | " "                 |           | EMAIL   | -                   |

## Extraction Dependencies

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

## Transformation

There will be no transformation on the legacy data. The data will be used to help design / complete the new decision tables in S/4 Hana.

### Transformation Run Sheet

| Item # | Step Description                                                      | Team Responsible |
|--------|-----------------------------------------------------------------------|------------------|
|        | Finalized mapping document approved by Functional and Business teams. |                  |
|        | Completion of source data extraction and cleansing.                   |                  |
|        | Availability of default values for S/4 mandatory fields.              |                  |
|        |                                                                       |                  |

#### Legacy condition tables setup:

Please note that there is no direct mapping between the output condition types and the BRF+ output types. Not all Communication medium will be used in OPD. The tables below are used as guidelines as how the outputs will be managed in S/4.

Legacy Communication Medium to OPD Channel:

| Application | MEDIUM | CHANNEL |
|-------------|--------|---------|
| V1/V3       | ALE    |         |
|             |        |         |



|     |    |      |                            |                    |       |      |  |     |      |     |      |
|-----|----|------|----------------------------|--------------------|-------|------|--|-----|------|-----|------|
| WP2 | V1 | ZTP1 | TP - Mail creat            | ORDER_CONFIRMATION |       |      |  |     |      | 156 |      |
|     |    |      |                            |                    |       |      |  |     |      |     |      |
| PF2 | V3 | RD04 | RD04 InvoiceReceipt FI IV  |                    |       |      |  |     |      |     | 2997 |
| PF2 | V3 | RD06 | RD06 Inv. Bridge ERP /RCS  |                    |       |      |  |     |      |     |      |
| PF2 | V3 | ZF00 | ZF00 Invoice               |                    | 1025  | 1053 |  |     |      |     |      |
| PF2 | V3 | ZF01 | ZF01 Invoice (C. Cust.)    |                    | 204   | 168  |  |     |      |     |      |
| PF2 | V3 | ZF02 | ZF02 Invoice (C. Acc. Dep) |                    | 2100  |      |  |     |      |     |      |
| PF2 | V3 | ZF06 | ZF06 Invoice (C.Loc.cur.)  |                    | 5     |      |  |     |      |     |      |
| PF2 | V3 | ZF0R | ZF0R Invoice archive       |                    | 443   |      |  |     |      |     |      |
| PF2 | V3 | ZF15 | ZF15 Customs/Prof Invoice  |                    | 64579 | 232  |  |     |      |     |      |
| PF2 | V3 | ZF16 | ZF16 Export document       |                    |       |      |  |     |      |     |      |
| PF2 | V3 | ZF17 | ZF17 Customs Invoice (C)   |                    |       | 296  |  |     |      |     |      |
| PF2 | V3 | ZF1R | ZF1R Inv. archive w/o T&C  |                    |       |      |  |     |      |     |      |
| PF2 | V3 | ZF99 | ZF99 Invoice (Copy BG)     |                    |       |      |  |     |      |     |      |
| PF2 | V3 | ZFCF | ZFCF Invoice (C. Frwd)     |                    | 27    |      |  |     |      |     |      |
| PF2 | V3 | ZFEI | ZFEI Excise Invoice IN     |                    | 29    |      |  |     |      |     |      |
| PF2 | V3 | ZFIL | ZFIL Invoice list          |                    | 66    |      |  |     |      |     |      |
| PF2 | V3 | ZFIM | ZFIM Invoice list(C.Cust)  |                    |       | 25   |  |     |      |     |      |
| PF2 | V3 | ZFMX | ZFMX Invoice (MX)          |                    |       |      |  |     |      |     |      |
| PF2 | V3 | ZQBC | ZQBC Batch cert for India  |                    |       |      |  |     |      |     |      |
|     |    |      |                            |                    |       |      |  |     |      |     |      |
| WP2 | V3 | RD04 | Invoice Receipt MM         |                    |       |      |  | 191 |      |     |      |
| WP2 | V3 | ZCOR | Cert of Origin(Asia)       |                    | 21    |      |  |     |      |     |      |
| WP2 | V3 | ZEID | IN Excise inv depot        |                    | 105   |      |  |     |      |     |      |
| WP2 | V3 | ZEIG | IN Form 403 gujarat        |                    | 225   |      |  |     |      |     |      |
| WP2 | V3 | ZEII | IN Excise invoice          |                    | 225   |      |  |     |      |     |      |
| WP2 | V3 | ZFMX | XML invoice (MX)           |                    |       |      |  |     | 108  |     |      |
| WP2 | V3 | ZGSC | IN GST Credit Memo         |                    | 1     |      |  |     |      |     |      |
| WP2 | V3 | ZGSE | IN GST Exportinvoice       |                    | 17    |      |  |     |      |     |      |
| WP2 | V3 | ZGST | IN GST invoice             |                    | 112   |      |  | 14  |      |     |      |
| WP2 | V3 | ZGSU | IN GST Subcontractin       |                    | 18    |      |  |     |      |     |      |
| WP2 | V3 | ZINV | EDI: Invoice               |                    |       |      |  |     |      |     | 86   |
| WP2 | V3 | ZLOT | Batch number recov.        |                    |       |      |  |     | 5    |     |      |
| WP2 | V3 | ZPI3 | Pilotage                   |                    |       |      |  |     | 4492 |     |      |
| WP2 | V3 | ZPLD | Pack List (Dropship)       |                    | 84    |      |  |     |      |     |      |
| WP2 | V3 | ZQBC | Batch cert for India       |                    | 18    |      |  |     |      |     |      |
| WP2 | V3 | ZQCA | COA for deliveries         |                    |       |      |  |     | 153  |     |      |
| WP2 | V3 | ZRAC | Original Inv Aero          |                    | 1163  |      |  |     |      |     |      |
| WP2 | V3 | ZRAR | Invoice archive            |                    | 22166 |      |  |     |      |     |      |
| WP2 | V3 | ZRB0 | Original Asian Inv         |                    | 1447  |      |  |     |      |     |      |
| WP2 | V3 | ZRB1 | duplicata Asian Inv        |                    | 46    |      |  |     |      |     |      |
| WP2 | V3 | ZRBI | Asian Pro-forma INV        |                    | 4     |      |  |     |      |     |      |
| WP2 | V3 | ZRD0 | Original Invoice           |                    | 221   |      |  |     |      |     |      |
| WP2 | V3 | ZRD1 | Invoice                    |                    | 215   |      |  |     |      |     |      |
| WP2 | V3 | ZRD2 | Invoice comm. assit        |                    | 1     |      |  |     |      |     |      |
| WP2 | V3 | ZRD3 | Invoice for accounti       |                    | 125   |      |  |     |      |     |      |
| WP2 | V3 | ZRD5 | Export Invoice             |                    | 172   |      |  |     |      |     |      |
| WP2 | V3 | ZRD6 | Plant Invoice              |                    | 277   |      |  |     |      |     |      |
| WP2 | V3 | ZRD7 | Inv for plant abroad       |                    | 1     |      |  |     |      |     |      |
| WP2 | V3 | ZRD8 | Orig Inv Letter            |                    | 40    |      |  |     |      |     |      |
| WP2 | V3 | ZRDA | Invoice Direct Ship.       |                    |       |      |  | 328 |      |     |      |
| WP2 | V3 | ZRDB | IntercoBridg RCS/ERP       |                    |       |      |  | 78  |      |     |      |

|     |    |      |                         |  |      |  |  |  |     |      |     |
|-----|----|------|-------------------------|--|------|--|--|--|-----|------|-----|
| WP2 | V3 | ZRDC | eInvoice PDF by mail    |  |      |  |  |  |     | 1522 |     |
| WP2 | V3 | ZRDD | Invoice Customs Mono    |  | 4    |  |  |  |     |      |     |
| WP2 | V3 | ZRDE | Inv by mail to ZI       |  |      |  |  |  |     | 829  |     |
| WP2 | V3 | ZRDF | Proforma Inv.RE         |  | 5    |  |  |  |     |      |     |
| WP2 | V3 | ZREI | Trad revers ex inv      |  |      |  |  |  |     |      | 417 |
| WP2 | V3 | ZRLA | Letter of Auth. CN      |  | 199  |  |  |  |     |      |     |
| WP2 | V3 | ZRLR | Invoice List            |  | 29   |  |  |  |     |      |     |
| WP2 | V3 | ZRM6 | PDF Invoice by email    |  |      |  |  |  | 141 |      |     |
| WP2 | V3 | ZRMX | Invoice mexico          |  | 129  |  |  |  |     |      |     |
| WP2 | V3 | ZRN5 | Export Invoice Lett     |  | 38   |  |  |  |     |      |     |
| WP2 | V3 | ZRN6 | Plant Invoice Letter    |  | 195  |  |  |  |     |      |     |
| WP2 |    | ZRS1 | Invoice Cust. copy      |  | 4    |  |  |  |     |      |     |
| WP2 |    | ZRS2 | ORD RESP APRIS<br>INDEN |  | 2001 |  |  |  |     |      |     |
| WP2 |    | ZRS5 | Export Invoice          |  | 165  |  |  |  |     |      |     |
| WP2 |    | ZRS6 | Plant Invoice           |  | 39   |  |  |  |     |      |     |
| WP2 |    | ZRSC | Original Invoice GTC    |  | 219  |  |  |  |     |      |     |
| WP2 |    | ZRWF | Workflow                |  |      |  |  |  |     | 48   |     |

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

## Transformation Mapping

| Mapping Table Name | Mapping Table Description |
|--------------------|---------------------------|
| Not Applicable     |                           |
|                    |                           |
|                    |                           |
|                    |                           |

## Transformation Dependencies

List the steps that need to occur before transformation can commence

| Item # | Step Description                                                   | Team Responsible                        |
|--------|--------------------------------------------------------------------|-----------------------------------------|
| 1      | Decision Tables are complete                                       | Functional Team (L2C) + Data Team (L2C) |
| 2      | OPD 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) |

## PreLoad Validation

### Project Team

### Completeness

| Task                                                      | Action                                                                               |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------|
| Configuration                                             | Ensure necessary configurations are in place in target system                        |
| Check Values                                              | Validate the pre-load data confirming the values are aligned with BRF+ configuration |
| Validate template structure and required field population | Ensure mandatory fields as per the definition table are available                    |

## Accuracy

| Task                                    | Action                                                                    |
|-----------------------------------------|---------------------------------------------------------------------------|
| Perform format validation (if relevant) | Standardize format to match SAP accepted input (e.g., YYYYMMDD for dates) |
| Conduct dry runs using BRF+ Simulations | Analyze load results and correct format or conversion errors              |
|                                         |                                                                           |

## Business

### Completeness

| Task         | Action                                                                          |
|--------------|---------------------------------------------------------------------------------|
| Completeness | Review and confirm if the extraction contain all the relevant DT and DT entries |
|              |                                                                                 |
|              |                                                                                 |

### Accuracy

| Task         | Action                                                                          |
|--------------|---------------------------------------------------------------------------------|
| Completeness | Review and confirm if the extraction contain all the accurate DT and DT entries |
|              |                                                                                 |
|              |                                                                                 |

## Load

The load process includes:

1. The process will involve downloading the DCT Excel Decision Tables and then uploading the tables into the target system using the standard SAP BRF+ upload functionality .The generated excel files will be used as load files
2. Once the data is loaded to the target system, it will be extracted and prepared for Post Load Data Validation

BRF+ provides a built-in feature to **download and upload decision tables** as Excel files.

### Steps:

1. Go to BRF+ application in transaction **BRF+**
2. Open the **Decision Table** object.
3. From the **Table Maintenance** screen:
  - Click on **"Download to Excel"** system exports the current content and structure.
  - Fill in or update the Excel file offline.
  - Use **"Upload from Excel"** to import back.

## Load Run Sheet

Each Item represent a Decision table downloaded from Golden Client

There will be Decision tables for sales and Billing.

| Item # | Step Description | Team Responsible |
|--------|------------------|------------------|
|        |                  |                  |

|                     |  |  |
|---------------------|--|--|
| DT_OUTPUT_TYPE      |  |  |
| DT_OUTPUT_CHANNEL   |  |  |
| DT_RECEIVER         |  |  |
| DT_EMAIL_SETTING    |  |  |
| DT_EMAIL_RECEIVER   |  |  |
| DT_OUTPUT_RELEVANCE |  |  |

## Load Phase and Dependencies

### Configuration

| Item #              | Configuration Item                                                                                  |
|---------------------|-----------------------------------------------------------------------------------------------------|
| BRF+ configurations | Ensure configurations are complete for the target system and mapping tables are updated accordingly |
| Organization Data   | Ensure configurations for all the organization units 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                                                              |
|------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Authorization Errors   | Lack of access to execute load in target client/system                            | Raised access request; obtained necessary authorizations                  |
| 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 Dependencies   | Dependent records (Order types, business partners, Email Addresses) not available | Reviewed config dependencies; coordinated with config team for correction |

## PostLoad Validation

### Project Team

### Completeness

|  |  |
|--|--|
|  |  |
|--|--|

| Task                                      | Action |
|-------------------------------------------|--------|
| Download DT in target as described before |        |
|                                           |        |
|                                           |        |

## Accuracy

| Task | Action |
|------|--------|
|      |        |
|      |        |
|      |        |

## Business

## Completeness

| Task | Action |
|------|--------|
|      |        |
|      |        |
|      |        |

## Accuracy

| Task | Action |
|------|--------|
|      |        |
|      |        |
|      |        |

## 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 |
|------------------------|---------------------------|------------------------|---------|
| <b>CURRENT (v. 62)</b> | <b>Jan 22, 2026 11:09</b> | <b>THOMAS-ext, Ety</b> |         |
| <a href="#">v. 61</a>  | Jan 22, 2026 11:04        | <b>THOMAS-ext, Ety</b> |         |
| <a href="#">v. 60</a>  | Jan 21, 2026 11:27        | <b>THOMAS-ext, Ety</b> |         |
| <a href="#">v. 59</a>  | Jan 16, 2026 13:58        | <b>THOMAS-ext, Ety</b> |         |
| <a href="#">v. 58</a>  | Jan 12, 2026 13:14        | <b>THOMAS-ext, Ety</b> |         |

|                       |                    |                                 |
|-----------------------|--------------------|---------------------------------|
| <a href="#">v. 57</a> | Dec 02, 2025 12:54 | <a href="#">THOMAS-ext, Ety</a> |
| <a href="#">v. 56</a> | Dec 01, 2025 13:59 | <a href="#">THOMAS-ext, Ety</a> |
| <a href="#">v. 55</a> | Dec 01, 2025 13:46 | <a href="#">THOMAS-ext, Ety</a> |
| <a href="#">v. 54</a> | Dec 01, 2025 13:38 | <a href="#">THOMAS-ext, Ety</a> |
| <a href="#">v. 53</a> | Nov 30, 2025 14:04 | <a href="#">THOMAS-ext, Ety</a> |

[Go to Page History](#)

## Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.

| Jan 23, 2026                      | Actor                                                                                                                          | Type  | Activity                                                                 | Version             |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------|---------------------|
| Approved                          |  <a href="#">SAMPANGIREDDY-ext, Archana</a>   | State | changed state to <a href="#">Approved</a> at 7:09 am                     | <a href="#">v62</a> |
| Edited following Approval         |  <a href="#">SAMPANGIREDDY-ext, Archana</a>   | State | gave <i>Minor change</i> approval at 7:09 am<br><div>added a field</div> |                     |
| From Jan 21, 2026 to Jan 22, 2026 |                                                                                                                                |       |                                                                          |                     |
|                                   |  <a href="#">THOMAS-ext, Ety</a>             | Edit  | updated the page at 11:27 am                                             |                     |
|                                   |  <a href="#">THOMAS-ext, Ety</a>            | State | changed state to <a href="#">Edited following Approval</a> at 10:27 am   | <a href="#">v60</a> |
| Jan 20, 2026                      |                                                                                                                                |       |                                                                          |                     |
| Approved                          |  <a href="#">SAMPANGIREDDY-ext, Archana</a> | State | changed state to <a href="#">Approved</a> at 10:28 am                    | <a href="#">v59</a> |