# CNV-1003 Functional Location

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|---|---|
| **Status** | Approved |
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## Purpose

The purpose of this document is to define the conversion approach to create Functional Location in S/4 HANA.

Legacy Functional Locations are using a diverse range of formats across the different systems. There are instances where the same Functional Locations are duplicated within and across sources, with informal words. This results in data inconsistency. As per SyWay design, EAM Functional Locations will be standardized.

## Conversion Scope

The scope of this document covers the approach for converting active Functional Location from Legacy Source Systems into S/4HANA following the Functional Location Master Data Design Standard.

Functional Locations are technical objects that structure the Hierarchy of maintainable objects of a company. They can represent either the location of a maintainable item, or the maintainable item itself. A functional location does not normally change and will record the history of all equipment that is installed at that location.

Syensqo utilizes Functional Locations (FLOC) within the SAP S/4HANA system to define and manage its Asset Hierarchy. The asset hierarchy is structured across three main categories:

1. Organisational Level - This level represents the enterprise structure of Syensqo. It comprises of 3 levels which define:
    - The Company - Syensqo Organisation
    - The Global Business Unit (GBU) - Specialty Polymer, Composite Materials, Novecare, Technology Solutions etc.
    - The Plant - Willow Island, Niagara Falls etc.
2. Navigational Level - This level structures the hierarchy based on the functional or geographical layout of the plant. It comprises of 4 levels which define:
    - Units within the Plant - Production, Utilities, Facilities etc.
    - Further sub-levels based on the physical location or logical grouping of assets, enabling effective representation and navigation within the hierarchy
3. `Asset Level - This is the installation level where the actual Assets and Sub-assets are physically located. It comprises of 1 level which define:
    - Specific installation points for equipment
    - Maintainable assets themselves, serving as key points for maintenance planning and execution

The data from legacy system includes:

1. Functional Location having Maintenance Plant (ILOA-SWERK) in scope (Value Mapping : **Plant**, where Maintenance Plant = 'Yes') </Start CR0416>
2. Functional Location (IFLOS-TPLNR) for WP2 where IFLOS-ALKEY = '1' and IFLOS-ACTVS = 'X' </End CR0416>
3. On top of above the scope for Asset Functional Location shall be refined based on below scenarios subjected to:
    a. Relevant Equipment (EQUI-EQUNR) </Start CR0416> with Valid To Date (EQUZ-DATBI) = '99991231' </End CR0416> being Installed under Functional Location (IFLOT-TPLNR)
    b. Maintenance existing for the Functional Location -
        i. Any Maintenance Item (MPOS-WAPOS) existing for Functional Location (IFLOT-TPLNR) where (MPOS-EQUNR) = '' and ( MPOS-BAUTL) = ''
        ii. Any Maintenance Item (MPOS-WAPOS) with Object List (OBJK-OBKNR) including Functional Location (IFLOT-TPLNR)
        iii. Any Functional Location Task list (TAPL-PLNNR) existing for Functional Location (IFLOT-TPLNR)
        iv. Any Work Order (AUFK-AUFNR) with created date (AUFK-ERDAT) in the last 5 years for Functional Location (IFLOT-TPLNR) where Equipment (AFIH-EQUNR) = '' and Assembly (AFIH-BAUTL) = ''
4. Functional Location Long Text in Inclusion-FL Long Text
5. Object Classification for the relevant Asset Functional Location

| Scenario | Asset Structure Setup | Maintenance Setup | Resulting Action |
|---|---|---|---|

| | | | |
|---|---|---|---|
| 1 | Functional Location has Equipment | Maintenance present or not | 1. Create AFLOC, at Fn.<br>2. If Fn-1 is missing in legacy (i.e Superior Functional Location is missing), include Fn in the Cleansing Report (1003-007)<br>3. If Fn-1 (superior functional location) is present, then all ancestors above Fn (Fn-1, Fn-2, Fn-3, …)<br>a. if they have Equipment under it or maintenance associated, include in the Cleansing Report (1003-005),<br>b. else include in Cleansing Report (1003-006)<br>4. Stop. |
| 2 | Functional Location has no Equipment | Maintenance Applicable | 1. Create Equipment at Fn.<br>2. All ancestors above Fn-1 if they have Equipment under it or maintenance associated, include in the Cleansing Report (1003-005), else include in Cleansing Report (1003-006)<br>3. If Fn-1 is missing, include the missing level(s) in the Cleansing Report (1003-007).<br>4. Stop. |
| 3 | Functional Location has no Equipment | Maintenance Not-Applicable | 1. Exclude Fn and note “No EQ/MI/WO – Business review if required for Target” in the Cleansing Report.<br>2. Move up to Fn-1 and re-evaluate:<br>• If Fn-1 has Equipment apply Scenario 1 with Fn-1 as the current lowest level.<br>• If Fn-1 has Maintenance but no Equipment apply Scenario 2 with Fn-1 as the current lowest level.<br>• If Fn-1 has neither exclude Fn-1 and continue to Fn-2, etc.<br>3. If you reach the top with no match, exclude the entire chain and include it in the Cleansing Report for Business/DCT decision (1003-006). |

**Legend**-

- Fn: The lowest (deepest) Functional Location in the evaluated chain (the starting point).
- Fn-1: The immediate parent of Fn (one level above).
- Fn-2: The grandparent of Fn (two levels above).
- Fn-n: Continue upward accordingly (Fn-3, Fn-4, …) until the topmost legacy Functional Location is reached.
- Ancestors above X: All levels strictly higher than X (e.g., “above Fn-1” = Fn-2, Fn-3, … top).
- AFLOC = Asset Functional Location in target

A Relevancy report (1003-010) shall be generated based on the above scenarios to manage the transformation. Report shall contain the below columns.

| Column Name | Details |
|---|---|
| Source System | **Values:** PF2 or WP2<br>**Rule:** Copy from the record’s source.<br>• If the legacy record comes from PF2, set PF2; if from WP2, set WP2. |
| Legacy Plant | Maintenance Plant assigned to the Legacy Functional Location |
| Legacy Functional Location | **Values:** Legacy Functional Location for Fn, Fn-1, Fn-2, … (one row per evaluated level)<br>**Rule:** Populate the exact legacy functional location only for levels where a target object being registered (FL or EQ).<br>• If no object is registered at a level (excluded/missing), Check if the Legacy Functional Location has Equipment under it or maintenance associated. If 'True' then output a row with all the remaining columns blank, else do not output a row for that level and include it in the Cleansing Report. |
| Legacy Functional Location Description | Description of Functional Location in Source System |
| Hierarchy Level | Level where the Legacy Functional Location sits as part of Functional Location Hierarchy in Source System |
| Has Equipment Under? | **Values:** X or blank<br>**Rule:** X if the legacy FLOC at this row has at least one Equipment installed beneath it (per legacy hierarchy). Else blank.<br>(Used only for rows you output—i.e., where you register a target object.) |
| Has Maintenance Associated? | **Values:** X or blank<br>**Rule:** X if the legacy FLOC at this row has any MI/WO linked (status any) if that policy applies). Else blank. |

| | |
|---|---|
| Proposed New Technical Object | **Values**: EQ, FL, Blank<br>**Rule** (evaluate in this order at the current level,):<br>• Start at Fn and test these in order:<br>1. **Has Equipment (maintenance irrelevant)** Record this as **FL** (this will be AFLOC at Fn). All ancestors above Fn (Fn-1, Fn-2, Fn-3, …) if they have Equipment under it or maintenance associated, flag in the Cleansing Report (1003-005) , else flag in Cleansing Report (1003-006). If Fn-1 is missing in legacy (i.e no superior functional existing), include in the Cleansing Report (1003-007). Stop<br>2. **No Equipment, Has Maintenance** Record Fn as **EQ** and Fn-1 as **FL** (AFLOC) and Stop. All ancestors above Fn-1 if they have Equipment under it or maintenance associated, flag in the Cleansing Report (1003-005), else flag in Cleansing Report (1003-006). If Fn-1 is missing in legacy, flag “Missing Fn-1” in the Cleansing Report (1003-007). Stop<br>3. **No Equipment and No Maintenance** Record no object at Fn. Move to Fn-1 and re-apply the same checks as 1 and 2. If top is reached with no match, exclude the entire chain and keep it in the Cleansing Report for Business/DCT decision (1003-006). Stop |
| Has Equipment Installed? (Last Recorded) | **Values:** X or blank<br><br>**Rule:** This field must be blank in the initial extract. For subsequent extracts, populate this field by carrying forward the *Has Equipment Under?* value from the previous extract.<br><br>Populate this only for rows that are output/registered as a target object (i.e., rows you keep in the final output).<br><br>Leave this field blank in the initial extract. From subsequent extracts onward, populate it using the above rule. |
| Has Maintenance Associated? (Last Recorded) | **Values:** X or blank<br><br>**Rule:** This field must be blank in the initial extract. For subsequent extracts, populate this field by carrying forward the *Has Maintenance Associated?* value from the previous extract. |
| Proposed New Technical Object (Last Recorded) | **Values**: EQ, FL<br>**Rule:** This field must be blank in the initial extract. For subsequent extracts, populate this field by carrying forward the *Proposed New Technical Object* value from the previous extract. |
| ~~Not Relevant~~ | ~~Report to copy the values maintained in NOT_REL field of *Functional Location* DCT as maintained by Business for the respective Legacy Functional Location.~~ |
| New Technical Object | Report to copy the values maintained in TGT_OBJECT field of *Functional Location* DCT as maintained by Business for the respective Legacy Functional Location. |
| New Functional Location | Report to copy the values maintained in TGT_TPLNR field of *Functional Location* DCT as maintained by Business for the respective Legacy Functional Location. |
| New Superior Functional Location | Report to copy the values maintained in TGT_TPLMA field of *Functional Location* DCT as maintained by Business for the respective Legacy Functional Location. |
| ~~Business Verified~~ | ~~Report to copy the values maintained in BUS_VERF field of *Functional Location* DCT as maintained by Business for the respective Legacy Functional Location.~~ |
| Review Status | Report to copy the values maintained in ZREVIEW_STATUS field of *Functional Location* DCT as maintained by Business for the respective Legacy Functional Location. |

The data from legacy system excludes:

1. Functional Location (IFLOT-TPLNR) with Active (JEST-INAC <> 'X') System Status (JEST-STAT) Inactive '**INAC**'
2. Functional Location (IFLOT-TPLNR) with Active (JEST-INAC <> 'X') System Status (JEST-STAT) Deletion Flag '**DLFL'**
3. Functional Location (IFLOT-TPLNR) having Description (IFLOTX-PLTXT) containing words ('To be Deleted', 'DELETE')
4. Functional Location (IFLOT-TPLNR) placed below the Functional Locations included in exclusion criteria 1-3
   </Start CR0416>
5. ~~Functional Location (IFLOT-TPLNR) to be migrated as Equipment which are part of mapping (Functional Location, where New Technical Object = 'EQ')~~
6. Functional Location (IFLOT-TPLNR) with Superior Function Location (IFLOT-TPLMA) missing
7. Functional Location (IFLOT-TPLNR) not satisfying both conditions of Inclusion Criteria 3
   </End CR0416>

List of Tables to extract for this object is maintained here: Extract Table Register.

The following illustrates the various scenarios for the relevant Functional Location and how to derive the "Proposed New Technical Object"

| Level | | Proposed Tech Object | | Proposed Tech Object | | Proposed Tech Object | | Proposed Tech Object |
|---|---|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | | | FL<br><br><Not Relevant><br><br>(because no Superior FL) | | | | | |
| 2 | FL<br><br>(E) (M) | <Blank><br><br>(Because the below is proposed as FL) | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) | FL<br><br>(M) | <Blank><br><br>(Because the below is proposed as FL) | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) |
| 3 | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) |
| 4 | FL<br><br>(M)<br><br>***This is Fn*** | **EQ**<br><br>(Because there is no EQ installed) | FL<br><br>(M) (E) | <Blank><br><br>(Because the below is proposed as FL) | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) | FL<br><br>(M) | <Blank><br><br>(Because the below is proposed as EQ) |
| 5 | | | FL<br><br>(E)<br><br>***This is Fn*** | **FL**<br><br>(Because there is EQ installed) | FL<br><br>(M) (E) | <Blank><br><br>(Because the below is proposed as FL) | FL<br><br>(M)<br><br>***This is Fn*** | **EQ**<br><br>(Because there is no EQ installed) |
| 6 | | | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) | FL<br><br>(E) (M)<br><br>***This is Fn*** | **FL**<br><br>(Because there is EQ installed) | | |
| 7 | | | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) | | | | |
| 8 | | | FL | <Not Relevant><br><br>(Because no maintenance, no EQ) | | | | |
| 9 | | | FL | <Not Relevant><br><br>(because no maintenance, no EQ) | | | | |

**Legend:**

(E) Has Equipment Installed

(M) Has Maintenance

List of source systems and approximate number of records

| Source | Scope | Source Approx No. of Records | Target System | Target Approx No. of Records |
|---|---|---|---|---|
| PF2, WP2 | Relevant Asset Level Functional Locations will be extracted from PF2 and WP2.<br>An initial extract of the relevant asset-level Functional Locations will be provided in a Google Sheet format to assist the business in decision-making for the to-be Data Object type of the extracted Functional Locations (i.e. To be created as Functional Location / Equipment). | 75,000 | S/4HANA | 75,000 |
| DCT | Functional Locations for plants which do not have data existing from PF2 and WP2 as per Syensqo Asset Structure. This includes Level 1-7 Functional Locations including Organisation Level 1-3 and Navigation Levels 1-4. | TBD | S/4HANA | TBD |

# Additional Information

## Multi-language Requirement

Functional Location description will be made available in English.

Multi language is supported for Functional Location. Login via a different language will have its description displayed in the logon language if the language key is maintained in the Functional Location.

## Document Management

Refer to the KDD085 - Document Management in the SyWay Solution

Note: Documents attached to Functional Locations will be migrated as part of 9104-EAM Attachments.

### Legal Requirement

Not Applicable

### Special Requirements

Not Applicable

# Target Design

The technical design of the target for this conversion approach.

**1. Functional Location Master**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| IFLOT | TPLNR | TPLNR | Functional Location Label | CHAR | 30 | Mandatory |
| IFLOT | TPLKZ | TPLKZ | Structure Indicator | CHAR | 80 | Mandatory |
| IFLOT | FLTYP | FLTYP | Category | CHAR | 1 | Mandatory |
| IFLOT | DATAB | DATAB | Start-Up Date | DATS | 8 | Conditional |
| IFLOT | EQART | EQART | Object Type | CHAR | 10 | Conditional |
| IFLOT | HERST | HERST | Manufacturer | CHAR | 30 | Conditional |
| IFLOT | TYPBZ | TYPBZ | Model Number | CHAR | 20 | Conditional |
| IFLOT | MAPAR | MAPAR | Manufacturer Part Number | CHAR | 30 | Conditional |
| IFLOT | HERLD | HERLD | Country/Region of Manufacture | CHAR | 3 | Conditional |
| IFLOT | BAUJJ | BAUJJ | Year of Construction | CHAR | 4 | Conditional |
| IFLOT | BAUMM | BAUMM | Month of Construction | CHAR | 2 | Conditional |
| IFLOT | SERGE | SERGE | Manufacturer Serial Number | CHAR | 30 | Conditional |
| IFLOT | ANSWT | ANSWT | Acquisition Value | NUMC | 13 | Conditional |
| IFLOT | WAERS | WAERS | Currency Key | CHAR | 5 | Conditional |
| ILOA | SWERK | SWERK | Maintenance Plant | CHAR | 4 | Conditional |
| ILOA | EQFNR | EQFNR | Sort Field | CHAR | 30 | Conditional |
| ILOA | BEBER | BEBER | Plant Section | CHAR | 3 | Conditional |
| ILOA | ABCKZ | ABCKZ | ABC Indicator | CHAR | 1 | Conditional |
| IFLOT | INGRP | INGRP | Planner Group | CHAR | 3 | Conditional |
| IFLOT | IWERK | IWERK | Planning Plant | CHAR | 4 | Conditional |
| CRHD | GEWRK | GEWRK | Maintenance Work Center | CHAR | 8 | Conditional |
| CRHD | WERGW | WERGW | Work Center Plant | CHAR | 4 | Conditional |
| ILOA | BUKRS | BUKRS | Company Code | CHAR | 4 | System |
| ILOA | KOSTL | KOSTL | Cost Center | CHAR | 10 | Conditional |
| IFLOT | TPLMA | TPLMA | Superior Functional Location | CHAR | 30 | Conditional |
| IFLOT | IEQUI | IEQUI | Equipment Installation Is Allowed | CHAR | 1 | Conditional |
| IFLOT | SUBMT | SUBMT | Construction Type | CHAR | 40 | Conditional |
| ILOA | KOKRS | KOKRS | Controlling Area | CHAR | 4 | Mandatory |
| IFLOT | BRGEW | BRGEW | Weight of Object | QUAN | 13 | Conditional |
| IFLOT | GEWEI | GEWEI | Unit of Weight | UNIT | 3 | Conditional |
| ADRC | NAME1 | NAME1 | Name 1 | CHAR | 40 | Conditional |

| | | | | | | |
|---|---|---|---|---|---|---|
| ADRC | NAME2 | NAME2 | Name 2 | CHAR | 40 | Conditional |
| ADRC | NAME3 | NAME3 | Name 3 | CHAR | 40 | Conditional |
| ADRC | NAME4 | NAME4 | Name 4 | CHAR | 40 | Conditional |
| ADRC | COUNTRY | COUNTRY | Country/Region Key | CHAR | 3 | Conditional |

**2. Functional Location Short Text**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| IFLOTX | TPLNR | TPLNR | Functional Location Label | CHAR | 30 | Mandatory<br>(Key to link to Functional Location) |
| IFLOTX | SPRAS | SPRAS | Language Key | LANG | 1 | Mandatory |
| IFLOTX | PLTXT | PLTXT | Description of Functional Location | CHAR | 40 | Mandatory |

Note:

- Each Category 'A' Functional Location must have 1 entry for English language and 1 entry for the language(s) of the country in which each Maintenance Plant assigned is located (French, Italian, Mandarin, Brazilian Portuguese, German or Spanish).
- Each Category 'O' and 'N' Functional Location must have 1 entry for each language in scope: English, French, Italian, Mandarin, Brazilian Portuguese, German and Spanish

**3. Functional Location Classification (Header)**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| KSSK | KLART | KLART | Class Type | CHAR | 20 | Mandatory |
| KSSK | OBTAB | OBTAB | Name of Database Table for Object | CHAR | 30 | Mandatory |
| KSSK | CLASSNUM | CLASSNUM | Class Name | CHAR | 30 | Mandatory |
| IFLOT | TPLNR | TPLNR | Functional Location Label | CHAR | 30 | Mandatory<br>(Key to link to Functional Location) |
| KSSK | STATU | STATU | Classification Status | CHAR | 80 | Mandatory |

**4. Functional Location Classification (Characteristics Value Allocation)**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| CABN | ATNAM | ATNAM | Characteristic Name | CHAR | 30 | Mandatory |
| AUSP | POSNR | POSNR | Item Number | CHAR | 3 | Mandatory |
| IFLOT | TPLNR | TPLNR | Functional Location Label | CHAR | 30 | Mandatory<br>(Key to link to Functional Location) |
| AUSP | ATFLV | ATFLV | Numerical Value - From | NUMC | 16 | Conditional |
| AUSP | ATFLB | ATFLB | Numerical Value - To | NUMC | 16 | Conditional |
| AUSP | DATE_FROM | DATE_FROM | Lower Boundary for Date - Interval | DATS | 8 | Conditional |
| AUSP | DATE_TO | DATE_TO | Upper Boundary for Date - Interval | DATS | 8 | Conditional |
| AUSP | TIME_FROM | TIME_FROM | Lower Boundary for Time - Interval | TIMS | 6 | Conditional |
| AUSP | TIME_TO | TIME_TO | Upper Boundary for Time - Interval | TIMS | 6 | Conditional |
| AUSP | ATFLV | ATFLV | Currency Value - From (Floating Point) | NUMC | 16 | Conditional |
| AUSP | ATFLB | ATFLB | Currency Value - To (Floating Point) | NUMC | 16 | Conditional |
| AUSP | CURRENCY | CURRENCY | Currency Key | CUKY | 5 | Conditional |
| AUSP | ATWRT | ATWRT | Characteristic Value | CHAR | 30 | Conditional |
| KSSK | KLART | KLART | Class Type | CHAR | 20 | Mandatory |
| KSSK | CLASS | CLASS | Class Name | CHAR | 30 | Mandatory |

**5. Functional Location Partner**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| IFLOT | TPLNR | TPLNR | Functional Location Label | CHAR | 30 | Mandatory<br>(Key to link to Functional Location) |
| IHPA | OBTYP | OBTYP | Object Type | CHAR | 3 | Mandatory |
| IHPA | PARVW | PARVW | Partner Function | CHAR | 2 | Mandatory |
| IHPA | PARNR | PARNR | Partner | CHAR | 12 | Mandatory |

**6. Functional Location User Status**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| IFLOT | TPLNR | TPLNR | Functional Location Label | CHAR | 30 | Mandatory<br>(Key to link to Functional Location) |
| JSTO | STSMA | STSMA | Status profile of the functional location | CHAR | 8 | Mandatory |
| JEST | STAT | STAT | Status Number in User Status List | CHAR | 5 | Mandatory |

**7. Functional Location Long Text Header**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| IFLOT | TPLNR | TPLNR | Functional Location Label | CHAR | 30 | Mandatory<br>(Key to link to Functional Location) |
| STXH | TDOBJECT | TDOBJECT | Texts: application object | CHAR | 10 | Mandatory |
| STXH | TDNAME | TDOBNAME | Name | CHAR | 70 | Mandatory |
| STXH | TDID | TDID | Text ID | CHAR | 4 | Mandatory |
| STXH | TDSPRAS | SPRAS | Language Key | LANG | 1 | Mandatory |

**8. Functional Location Long Text Line**

| Table | Field | Data Element | Field Description | Data Type | Length | Requirement |
|---|---|---|---|---|---|---|
| IFLOT | TPLNR | TPLNR | Functional Location Label | CHAR | 30 | Mandatory<br>(Key to link to Functional Location) |
| STXL | TDOBJECT | TDOBJECT | Texts: application object | CHAR | 10 | Mandatory |
| STXL | TDNAME | TDOBNAME | Name | CHAR | 70 | Mandatory |
| STXL | TDID | TDID | Text ID | CHAR | 4 | Mandatory |
| STXL | TDSPRAS | SPRAS | Language Key | LANG | 1 | Mandatory |
| STXL | TDFORMAT | TDFORMAT | Tag column | CHAR | 1 | Mandatory |
| STXL | ROWCOUNT | ROWCOUNT | Row Count | NUMC | 10 | Mandatory |
| STXL | TDLINE | TDLINE | Text Line | CHAR | </Start CR0416><br>~~72~~132<br></End CR0416> | Mandatory |

Note:

1. Long Text is not mandatory, only load when there is data
2. One Long Text Header must have at least 1 Long Text Line

Functional Location Data strictly adheres to the Master Data Standard. The complete information of the key fields that hold the Functional Location information follows the Master Data Standard document that is located here.

# Data Cleansing

</Start CR0416>
Note: Criteria for Active Functional Locations -

- having Maintenance Plant (IFLOT-WERKS) in scope (Value Mapping : **Plant**, where Maintenance Plant = 'Yes'); and
- not having System Status Active (JEST-INAC <> 'X') (JEST-STAT) Inactive 'INAC'; and
- not having System Status Active (JEST-INAC <> 'X') (JEST-STAT) Deletion Flag 'DLFL'; and
- not having Description containing words ('To be Deleted', 'DELETE')

</End CR0416>

| ID | Criticality | Error Message/Report Description | Rule | Output | Source System |
|---|---|---|---|---|---|
| 1003-001 | C1 | Asset (Category 'A') relevant Functional Location missing Technical Object Type | Functional Locations as per Relevancy Criteria </Start CR0416> (excluding records from Functional Location mapping DCT where ~~NOT_REL = 'X' or TGT_OBJECT = 'EQ'~~ and ~~BUS_VERF = 'X'~~ ZREVIEW_STATUS = 'Completed') </End CR0416> with no Technical Object Type Assigned | Plant, Functional Location, Functional Description | PF2, WP2 |
| 1003-002 | C3 | Info Report: Asset (Category 'A') relevant Functional Location missing Planner Group | Functional Location as per Relevancy Criteria </Start CR0416> (excluding records from Functional Location mapping DCT where ~~NOT_REL = 'X' or TGT_OBJECT = 'EQ'~~ and ~~BUS_VERF = 'X'~~ ZREVIEW_STATUS = 'Completed') </End CR0416> with no Planner Group Assigned | Plant, Functional Location, Functional Description | PF2, WP2 |
| 1003-003 | C2 | Asset (Category 'A') relevant Functional Location maintaining Acquisition Value but missing Currency Key | Functional Location as per relevancy criteria </Start CR0416> (excluding records from Functional Location mapping DCT where ~~NOT_REL = 'X' or TGT_OBJECT = 'EQ'~~ and ~~BUS_VERF = 'X'~~ ZREVIEW_STATUS = 'Completed') </End CR0416> where IFLOT_ANSWT <> '' (Blank) and IFLOT_WAERS = '' (Blank) | Plant, Functional Location, Functional Description, Superior Functional Location, Acquisition Value | PF2, WP2 |
| 1003-004 | C3 | Info Report : Asset (Category 'A') relevant Functional Location Long Text for Cleansing | Functional Location as per Relevancy Criteria </Start CR0416> (excluding records from Functional Location mapping DCT where ~~NOT_REL = 'X' or TGT_OBJECT = 'EQ'~~ and ~~BUS_VERF = 'X'~~ ZREVIEW_STATUS = 'Completed') </End CR0416> where Long Text Exist flag is assigned (IFLOTX-KZLTX) = 'X'. This is for manual review. | Plant, Functional Location, Functional Location Description, Long Text Language, Row Number, Long Text Line | PF2, WP2 |
| 1003-005 | C3 | Info Report: Active but not relevant Functional Location (i.e not the Lowest Level Functional Location) but have Equipment installed or maintenance associated | Active but not relevant Functional Location (i.e not the Lowest Level Functional Location) but have either Equipment installed or maintenance associated | Plant, Functional Location, Functional Description, Superior Functional Location, Maintenance Exist, Equipment Exist | PF2, WP2 |
| 1003-006 | C3 | Info Report: Active but not relevant Functional Location which don't have Equipment installed and maintenance associated | Active but not relevant Functional Location which don't have Equipment installed and maintenance associated | Plant, Functional Location, Functional Description, Superior Functional Location | PF2, WP2 |
| 1003-007 | C3 | Info Report: Excluded Functional Location having Equipment installed or maintenance associated and missing Superior Functional Location | Relevant Functional Location but excluded due to missing Superior Functional Location but having either Equipment installed or maintenance associated | Plant, Functional Location, Functional Description, Maintenance Exist, Equipment Exist | PF2, WP2 |
| 1003-008 | C3 | Info Report: Asset (Category 'A') relevant Functional Location missing Description in English Language | Functional Location as per the relevancy criteria </Start CR0416> (excluding records from Functional Location mapping DCT where ZREVIEW_STATUS = 'Out of Scope' ~~NOT_REL = 'X' or TGT_OBJECT = 'EQ'~~) </End CR0416> missing entries in IFLOTX where IFLOTX-SPRAS <> 'E' | Plant, Functional Location, Functional Description, Superior Functional Location, Language Key | PF2, WP2 |
| </Start CR0416> | | | | | |
| ~~1003-009~~ | ~~C3~~ | ~~Info Report: Functional Locations associated with incomplete or broken active Asset Structures~~ | ~~A) Functional Locations having Maintenance Plant (ILOA-SWERK) in scope (Value Mapping : **Plant**, where Maintenance Plant = 'Yes') and which belongs to below criteria:~~<br>~~• Functional Location with System Status Active (JEST-INAC <> 'X') ( JEST-STAT) Inactive 'INAC'~~<br>~~• Functional Location with System Status Active (JEST-INAC <> 'X') ( JEST-STAT) Deletion Flag 'DLFL'~~<br>~~• Functional Location having Description containing words ('To be Deleted', 'DELETE')~~<br>~~B) All Functional Locations Levels having Maintenance Plant (ILOA-SWERK) in scope (Value Mapping : **Plant**, where Maintenance Plant = 'Yes') installed below the Functional Locations in (A)~~ | ~~Plant, Functional Location, Functional Description, Superior Functional Location~~ | ~~PF2, WP2~~ |
| </End CR0416> | | | | | |

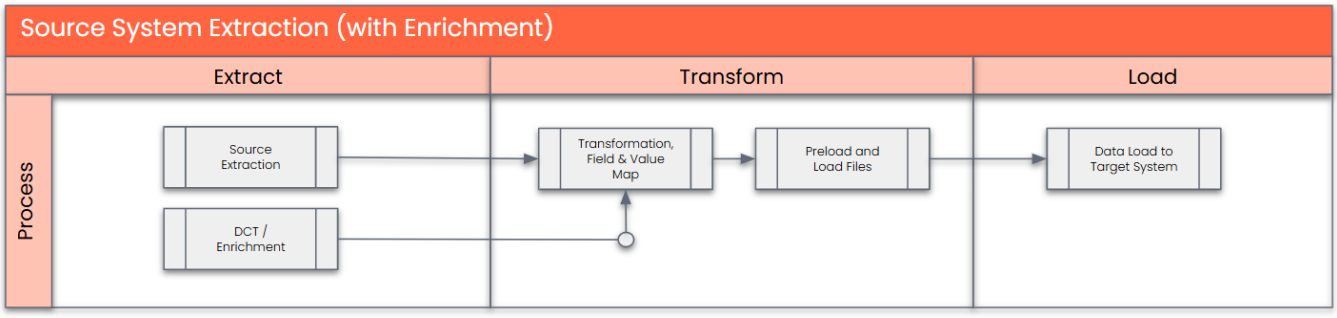
| | | | | | |
|---|---|---|---|---|---|
| 1003-010 | C3 | Info Report : Initial relevancy report based on the scenarios documented in the Conversion Scope section | Functional Locations as per relevancy scenarios mentioned in Conversion Scope | Source System, Plant, Legacy Functional Location, </Start CR0416> Functional Location Description, Hierarchy Level, Technical Object Type < /End CR0416>, Has Equipment Under?, Has Maintenance Associated?, Proposed New Technical Object, Proposed Level | PF2, WP2 |

Note: List of Cleansing is maintained here: Conversion Specs Register (DCT & Cleansing Report)

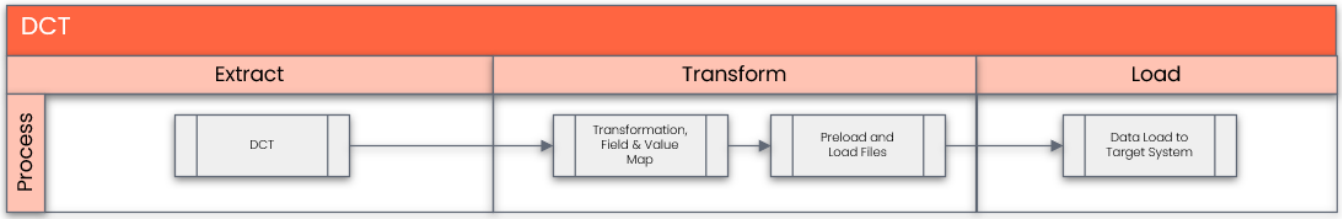
# Conversion Process

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

1. Source = PF2/WP2:




2. Source = DCT




Collection will be done manually in the Data Collection Template for the following scenarios:

- For sites not on SAP-PF2 or WP2 systems
- For new Functional Locations that need to be created to support the to-be design

## Data Privacy and Sensitivity

Not Applicable

# Extraction

Extract data from a source into Advanced Data Migration and Management (ADMM). There are 2 possibilities:

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

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

## Extraction Run Sheet

| Req # | Requirement Description | Team Responsible |
|---|---|---|

| | | |
|---|---|---|
| 1 | Extract data from source system based on relevancy rule | SyWay Data Team |
| 2 | Google Sheet report pre-populated with PF2 and WP2 information to be generated based on criteria mentioned in the relevancy criteria. | SyWay Data Team |

# Selection Screen

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

## Data Collection Template (DCT)

Target Ready Data Collection Template will be created for Functional Location with exception of some fields which require transformation as mentioned in the transformation rule.

1. The extracted report (1003-010) will be loaded into the required structure using the DCT.
2. Standardization activities (including deduplication, standardization and additions) will be carried out within the DCT.

*Delta Data Management: Initial collection will be done via the report and one-time load to the DCT will be performed. Any delta after the initial collection within the DCT will require business to take due diligence to ensure any subsequent delta cleansing is verified and aligned within the DCT.*

**Note:** All rules specified below should be documented as a **tooltip** in the DC Page.

Format:

**Line 1:** Mandatory / Conditional

**Line 2:** Remaining text

#### 1. Functional Location Master Data Construction Rules

| Data Element | Field Description | Rule |
|---|---|---|
| zLegacyTPLNR | Functional Location Label | Mandatory<br><br>Naming Convention:<br><br>Ensure follows valid mask for each Level of the Functional Location Structure.<br><br>Organisation Level (SORG) = 'XXX-XX-AANNN'<br>XXX = Syensqo<br>XX = GBU<br>AANNN= Country / Plant<br><br>Navigational Layer (SNAV) = 'AANNN-XXXX-XXXX-XXXX-XX'<br>AANNN-XXXX= Country/Plant-Unit<br>XXXX = Section<br>XXXX = Segment<br>XX =Number of Segments<br><br>Asset Layer (SAST) = 'X-XXXXNNNNNN'<br>X = Unit (first letter)<br>XXXX = Asset function 4-letter codes<br>NNNNNN = Running Numbers<br><br>Ensure Asset Functional Location should only have a SNAV Functional Location as Superior Functional Location<br><br>Note:<br><br>For enriching PF2/WP2 data populate the Source Value of Functional Location.<br>For new Functional Location not existing in PF2/WP2 populate the Target Value of Functional Location. |

| | | |
|---|---|---|
| FLTYP | Category | Mandatory<br><br>Allowed values for each Level of the Functional Location Structure:<br><br>O - Org<br>N - Nav<br>A - Asset |
| EQART | Object Type | Conditional<br><br>Must be populated for Category 'A' Functional Locations. Allowed values from T370K to be populated.<br><br>Category 'O' and 'N' : User to populate values if applicable. |
| HERST | Manufacturer | Conditional<br><br>User to populate value only for Category 'A' Functional Locations.<br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| TYPBZ | Model Number | Conditional<br><br>User to populate value only for Category 'A' Functional Locations.<br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| MAPAR | Manufacturer Part Number | Conditional<br><br>User to populate value only for Category 'A' Functional Locations.<br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| HERLD | Country/Region of Manufacture | Conditional<br><br>User to populate value only for Category 'A' Functional Locations.<br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| BAUJJ | Year of Construction | Conditional<br><br>User to populate value only for Category 'A' Functional Locations.<br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| BAUMM | Month of Construction | Conditional<br><br>User to populate value only for Category 'A' Functional Locations.<br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| SERGE | Manufacturer Serial Number | Conditional<br><br>User to populate value only for Category 'A' Functional Locations.<br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| ANSWT | Acquisition Value | Conditional<br><br>User to populate value if available, else assign 'Blank' |
| WAERS | Currency Key | Conditional<br><br>User to populate value if 'Acquisition Value' field has been populated, else assign 'Blank' |
| SWERK | Maintenance Plant | Conditional<br><br>User must populate value only for Category ('A', 'N') Functional Locations and Category 'O' Level 3 Functional Locations.<br><br>Allowed values: List from Value Mapping - Plant where Maintenance Plant = Yes<br><br>Category 'O' Level 1 and 2 Functional Locations to be left 'Blank'. |
| EQFNR | Sort Field | Conditional<br><br>User must populate value only for Category 'A' Functional Locations.<br><br>Sort Field is used to store the Plant Tag ID.<br><br>Category 'O'  and 'N' Functional Locations to be assigned value if available, else left 'Blank'.<br><br>Sort Field + Maintenance Plant should be unique combination. |

| | | |
|---|---|---|
| BEBER | Plant Section | Conditional<br><br>User must populate value only for Category 'A' Functional Locations. Allowed values from T357 to be populated.<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| INGRP | Planner Group | Conditional<br><br>User must populate value only for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'. Allowed values from T024I to be populated<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| GEWRK | Maintenance Work Center | Conditional<br><br>User must populate value for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'. Allowed values from Work Centre DCT to be populated.<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| zLegacyKOSTL | Cost Center | Conditional<br><br>User must populate value for all Category 'A' Functional Locations. Allowed Values: maintained in R2R Cost Centre Value Mapping<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| TPLMA | Superior Functional Location | Conditional<br><br>Should be blank for SORG- L1.<br><br>For others Superior Functional location should be in accordance with the technical object structure of a particular Functional location<br><br>Ensure SAST-L1 Functional Location must have a SNAV as Superior Functional Location |
| SUBMT | Construction Type | Conditional<br><br>User must populate value for Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'. Allowed values from Assembly DCT to be populated<br><br>Assigned Construction Type should have a TOT Characteristic value maintained which matches the 'Object Type' assigned on the Functional Location<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| BRGEW | Weight of Object | Conditional<br><br>User to populate value for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| GEWEI | Unit of Weight | Conditional<br><br>User to populate unit value if BRGEW (Weight) has been maintained.<br><br>Allowed values from T006 to be populated |
| NAME1 | Name 1 | Conditional<br><br>User to populate NAME1-4 fields with the Name and Location of the Asset for Level 2 Categor y 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'.<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| NAME2 | Name 2 | Conditional<br><br>User to populate NAME1-4 fields with the Name and Location of the Asset for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'.<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |

| | | |
|---|---|---|
| NAME3 | Name 3 | Conditional<br><br>User to populate NAME1-4 fields with the Name and Location of the Asset for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'.<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| NAME4 | Name 4 | Conditional<br><br>User to populate NAME1-4 fields with the Name and Location of the Asset for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'.<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| PLTXT_EN | Description (English) | Mandatory<br><br>Guide for Description for Functional Location:<br><br>For Category 'O' and 'N' Functional Locations - As provided by Business<br><br>For Category 'A' Functional Location-<br><br>A = Technical Object Type Description (in English language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in English Language)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same English language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |
| </Start CR0283> | | |

| | | |
|---|---|---|
| PLTXT_FR | Description (French) | Guide for Description for Functional Location:<br><br>Conditional:<br><br>Category 'O' and 'N' Functional Locations: **Mandatory**<br><br>For Category 'A' Functional Location: **Conditional** - populate this field only when the Plant's official language is **French**.<br><br>A = Technical Object Type Description (in French language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in French Language)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same French language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |
| PLTXT_IT | Description (Italian) | Guide for Description for Functional Location:<br><br>Conditional:<br><br>Category 'O' and 'N' Functional Locations: **Mandatory**<br><br>For Category 'A' Functional Location: **Conditional** - populate this field only when the Plant's official language is **Italian**.<br><br>A = Technical Object Type Description (in Italian language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in Italian Language)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same Italian language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |

| | | |
|---|---|---|
| PLTXT_ZH | Description (Mandarin) | Guide for Description for Functional Location:<br><br>Conditional:<br><br>Category 'O' and 'N' Functional Locations: **Mandatory**<br><br>For Category 'A' Functional Location: **Conditional** - populate this field only when the Plant's official language is **Mandarin**.<br><br>A = Technical Object Type Description (in Mandarin language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in Mandarin Language)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same Mandarin language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |
| PLTXT_PT | Description (Brazilian Portuguese) | Guide for Description for Functional Location:<br><br>Conditional:<br><br>Category 'O' and 'N' Functional Locations: **Mandatory**<br><br>For Category 'A' Functional Location: **Conditional** - populate this field only when the Plant's official language is **Brazilian Portuguese**.<br><br>A = Technical Object Type Description (in Brazilian Portuguese language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in Brazilian Portuguese Language)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same Brazilian Portuguese language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |

| | | |
|---|---|---|
| PLTXT_DE | Description (German) | Guide for Description for Functional Location:<br><br>Conditional:<br><br>Category 'O' and 'N' Functional Locations: **Mandatory**<br><br>For Category 'A' Functional Location: **Conditional** - populate this field only when the Plant's official language is **German**.<br><br>A = Technical Object Type Description (in German language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in German Language)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same German language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |
| PLTXT_ES | Description (Spanish) | Guide for Description for Functional Location:<br><br>Conditional:<br><br>Category 'O' and 'N' Functional Locations: **Mandatory**<br><br>For Category 'A' Functional Location: **Conditional** - populate this field only when the Plant's official language is **Spanish**.<br><br>A = Technical Object Type Description (in Spanish language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in Spanish Language)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same Spanish language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |

| | | |
|---|---|---|
| ~~SPRAS_LC~~ | ~~Language Key_Local~~ | ~~Conditional~~<br><br>~~User to populate Language Key based language of the Country where the Maintenance Plant exists.~~<br><br>~~Allowed values:~~<br>~~1. "F" - French~~<br>~~2. "1" - Mandarin/Simplified Chinese~~<br>~~3. "I" - Italian~~<br>~~4. "P" - Portuguese/Brazilian~~<br>~~5. "D" - German~~<br>~~6. "S" - Spanish~~ |
| ~~PLTXT_LC~~ | ~~Description of Functional Location (Local Language)~~ | ~~Conditional~~<br><br>~~Guide for Description for Functional Location:~~<br><br>~~For Category 'O' and 'N' Functional Locations - As provided by Business~~<br><br>~~For Category 'A' Functional Location~~<br><br>~~A = Technical Object Type Description (in Local Language of Plant)~~<br>~~B = Asset Tag (Sort Field)~~<br>~~C = Additional Description as provided by business (in language of the country in which each plant is located)~~<br><br>~~Functional Location Description = A+B+C~~<br><br>~~Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same English language key texts)~~<br><br>~~Ensure that it does not include any of below characters:~~<br><br>~~; Semi colon~~<br>~~: Colon~~<br>~~:: Double Colon~~<br>~~? Question Mark~~<br>~~/ Forward Slash~~<br>~~@ At sign~~<br>~~& Ampersand~~<br>~~= Equal Sign~~<br>~~+ Plus Sign~~<br>~~$ Dollar Sign~~<br>~~% Percent~~<br>~~\| Vertical Bar~~<br>~~[] Left or Right Square Bracket~~<br>~~" Double Quotes~~ |
| </End CR0283> | | |
| zLegacyPARNR_Z1 | Partner (Asset Owner) | Conditional<br><br>User to populate 'Z1' (Asset Owner) Vendor Business Partner for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'<br><br>Rule -<br>For Assets that are Owned by Syensqo and Maintained by Syensqo Inter Company Vendor are to be populated.<br><br>For Assets that are rented from specific vendors or maintained by third-party service providers, external Vendors are to be populated |
| zLegacyPARNR_Z2 | Partner (Asset Maintainer) | Conditional<br><br>User to populate 'Z2' (Asset Maintainer) Vendor Business Partner for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'<br><br>Rule -<br><br>For Assets that are Owned by Syensqo and Maintained by Syensqo Inter Company Vendor are to be populated.<br><br>For Assets that are rented from specific vendors or maintained by third-party service providers, external Vendors are to be populated |

| | | |
|---|---|---|
| STAT_N1 | Sequential Status in User Status Profile | Conditional<br><br>1. For Category 'O' and 'N' Functional Locations > Leave blank as it will be defaulted to 'PLAN'<br><br>2. For Category 'A' Functional Locations > Populate from allowed values:<br>'PLAN'- Planned<br>'COMM'- Commissioned<br>'INSR'- In Service<br>'OTSR'- Out Of Service<br>'SCRP'- Scrap<br><br>If none is provided, it will be defaulted to 'PLAN' |
| STAT_X1 | Non-Sequential Status in the User Status Profile - EXHZ (Extremely Hazardous) | Conditional<br><br>User to populate 'EXHZ' (Extremely Hazardous) status for Category 'A' Functional Locations if applicable.<br><br>Category 'O' and 'N' Functional Locations to be left 'Blank'. |
| STAT_X2 | Non-Sequential Status in the User Status Profile - MTNA (Maintenance Not Allowed) | Conditional<br><br>For Category 'O' and 'N' Functional Locations > Leave blank as it will be defaulted to 'MTNA' (Maintenance Not Allowed)<br><br>For Category 'A' populate 'MTNA' (Maintenance Not Allowed) status if applicable. |

**2. Functional Location Classification Data Construction Rules**

| Data Element | Field Description | Rule |
|---|---|---|
| zLegacyTPLNR | Functional Location Label | Mandatory<br><br>Key to link to Functional Location<br><br>Should exist in Functional Location Master DCT Rules |
| CLASS | Class Name | </Start CR0283><br><br>Mandatory<br><br>~~Must always have an always an entry for EAM_9999.~~<br>~~User to populate any other class as required~~<br><br>~~Class other than 'EAM_9999' must have naming convention = EAM_TOT (Tech Object Type) of the Floc~~<br><br>User to populate below Class for each Functional Location -<br><br>General Class 'EAM_9999' ; and<br>Class having naming convention = EAM_<TOT> (Tech Object Type) of the Floc<br><br></End CR0283> |
| ATNAM | Characteristic Name | Mandatory<br><br>User to populate Characteristic assigned to the Class 'EAM_9999' and Class having naming convention = EAM_<TOT> (Tech Object Type) of the Floc |
| ATWRT | Characteristic Value | Conditional.<br><br>If the characteristic has character format (CHAR), populate with alphanumeric characters.<br>If the characteristic has character format (DATE), must have the format DDMMYYYY. **E.g. 31122000**<br>If the characteristic has character format (TIME), must have the format HHMMSS. **E.g. 110000**<br>If the characteristic has character format (NUM), the field should contain only numerical characters. **E.g. 888**<br>If the characteristic has character format (CURR), this field should contain only numerical characters. **E.g. 200**<br><br>Note for DATE, TIME, NUM and CURR formats:<br><br>If a range is required, the from and to values should be concatenated using a hyphen (" - ").<br>E.g. DATE: 1 - 2, 110000 -112855<br>Fill in only if Characteristic - Interval values allowed (ATINT) is populated with "X"<br>The Characteristic Value (From) should be <= Characteristic Value (To) |

| | | |
|---|---|---|
| POSNR | Item Number | Conditional<br><br>Sequential number to be maintained if multiple values are being recorded for the same Characteristic |

**3. Functional Location Long Text Data Construction Rules**

| Data Element | Field Description | Rule |
|---|---|---|
| zLegacyTPLNR | Functional Location Label | Mandatory<br><br>Key to link to Functional Location<br><br>Should exist in Functional Location Master DCT Rules |
| TDLINE_EN | Text Line (English) | Conditional<br><br>User to populate Free Text in English Language as applicable |
| TDSPRAS_LC | Language Key_Local | Conditional<br><br>User to populate Language Key based language of the Country where the Maintenance Plant exists.<br><br>Allowed values:<br>1. "F" - French<br>2. "1" - Mandarin/Simplified Chinese<br>3. "I' - Italian<br>4. "P" - Portuguese/Brazilian<br>5. "D" - German<br>6. "S" - Spanish |
| TDLINE_LC | Text Line (Local Language) | Conditional<br><br>User to populate Free Text in language of the country in which each plant is located (French, Italian, Mandarin, Brazilian Portuguese, German or Spanish). |

**4. Inclusion-FL Long Text Data Construction Rules**

| Data Element | Field Description | Rule |
|---|---|---|
| zLegacyTPLNR | Legacy Functional Location Label | Mandatory<br><br>Values: Legacy Functional Location |
| zLegacyWERKS | Legacy Plant | Mandatory |
| zLegacySPRAS | Legacy Language Key | Mandatory.<br><br>Allowed values:<br>1. "E" - English<br>2. "F" - French<br>3. "1" - Mandarin/Simplified Chinese<br>4. "I' - Italian<br>5. "P" - Portuguese/Brazilian<br>6. "D" - German<br>7. "S" - Spanish |

Note: Only Long Texts that are added into this list will be migrated.

**5. Functional Location Data Construction Rules**

| Data Element | Field Description | Rule |
|---|---|---|
| Legacy Plant | Maintenance Plant assigned to the Legacy Functional Location | Mandatory<br><br>Values: Legacy Maintenance Plant<br><br>This field must not be edited. |

| | | |
|---|---|---|
| zLegacyTPLNR | Legacy Functional Location Label | Mandatory<br><br>Values: Legacy Functional Location<br><br>This field must not be edited. |
| EQUIP_EXIST | Has Equipment Under? | Conditional<br><br>Values: 'X' or blank<br><br>This field must not be edited. |
| MAINT_EXIST | Has Maintenance Associated? | Conditional<br><br>Values: 'X' or blank<br><br>This field must not be edited. |
| PRP_OBJECT | Proposed New Technical Object | Conditional<br><br>Values: 'EQ', 'FL' or blank<br><br>This field must not be edited. |
| ~~NOT_REL~~ | ~~Not Relevant~~ | ~~Conditional~~<br><br>~~Values: 'X' or blank~~ |
| TGT_OBJECT | New Technical Object | Conditional<br><br>Allowed Values: 'EQ', 'FL'<br><br>User to populate same value as PRP_OBJECT if acceptable else assign appropriate allowed value. |
| TGT_TPLNR | New Functional Location | Conditional<br><br>User to populate the Asset Functional Location value as per the target structure indicator edit mask if TGT_OBJECT = 'FL'<br><br>Asset Layer (SAST) = 'XXXXXXNNNNNN'<br>X = Unit (first letter)<br>XXXX = Asset function 4-letter codes<br>NNNNNN = Running Numbers<br><br>Else Blank<br><br>Note - The Edit Mask might change based on the final configuration |
| TGT_TPLMA | New Superior Functional Location | Conditional<br><br>User to populate appropriate Category 'N' Functional Location value from the Functional Location Master DCT |
| ~~BUS_VERF~~ | ~~Business Verified~~ | ~~Mandatory~~<br><br>~~Allowed Values: 'Yes', 'No'~~<br>~~User to populate 'Yes' if Legacy-Target mapping is acceptable.~~ |
| ZREVIEW_STATUS | Review Status | Mandatory<br><br>User to select appropriate value from drop down |

</Start CR0283>

6**. ENR-Functional Location Master Data Construction Rules**

| Data Element | Field Description | Rule |
|---|---|---|
| zLegacyTPLNR | Functional Location Label | Mandatory<br><br>Values: Legacy Functional Location must exists in PF2/ WP2 |
| EQART | Object Type | Conditional<br><br>Allowed values from T370K to be populated. |

| | | |
|---|---|---|
| EQFNR | Sort Field | Conditional<br>Sort Field is used to store the Plant Tag ID.<br>Sort Field + Maintenance Plant should be unique combination. |
| BEBER | Plant Section | Conditional<br>Allowed values from T357 to be populated. |
| INGRP | Planner Group | Conditional<br>Allowed values from T024I to be populated |
| GEWRK | Maintenance Work Center | Conditional<br>Allowed values from Work Centre DCT to be populated. |
| zLegacyKOSTL | Cost Center | Conditional<br>Allowed Values: maintained in R2R Cost Centre Value Mapping |
| SUBMT | Construction Type | Mandatory<br>Allowed values from Assembly DCT to be populated |
| BRGEW | Weight of Object | Conditional<br>Populate if information exists |
| GEWEI | Unit of Weight | Conditional<br>User to populate unit value if BRGEW (Weight) has been maintained.<br>Allowed values from T006 to be populated |
| NAME1 | Name 1 | Conditional<br>User to populate NAME1-4 fields with the Name and Location of the Asset |
| NAME2 | Name 2 | Conditional<br>User to populate NAME1-4 fields with the Name and Location of the Asset |
| NAME3 | Name 3 | Conditional<br>User to populate NAME1-4 fields with the Name and Location of the Asset |
| NAME4 | Name 4 | Conditional<br>User to populate NAME1-4 fields with the Name and Location of the Asset |

| | | |
|---|---|---|
| PLTXT_EN | | Mandatory<br><br>Guide for Description for Functional Location:<br><br>A = Technical Object Type Description (in English language)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in English Language)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same English language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Description of Functional Location (English) Double Quotes |
| SPRAS_LC | Language Key_Local | Conditional<br><br>User to populate Language Key based language of the Country where the Maintenance Plant exists.<br><br>Allowed values:<br>1. "F" - French<br>2. "1" - Mandarin/Simplified Chinese<br>3. "I' - Italian<br>4. "P" - Portuguese/Brazilian<br>5. "D" - German<br>6. "S" - Spanish |
| PLTXT_LC | Description of Functional Location (Local Language) | Conditional<br><br>Guide for Description for Functional Location:<br><br>A = Technical Object Type Description (in Local Language of Plant)<br>B = Asset Tag (Sort Field)<br>C = Additional Description as provided by business (in language of the country in which each plant is located)<br><br>Functional Location Description = A+B+C<br><br>Cannot have duplicate records based on corresponding language text (2 Functional Locations cannot have the same English language key texts)<br><br>Ensure that it does not include any of below characters:<br><br>; Semi-colon<br>: Colon<br>:: Double Colon<br>? Question Mark<br>/ Forward Slash<br>@ At sign<br>& Ampersand<br>= Equal Sign<br>+ Plus Sign<br>$ Dollar Sign<br>% Percent<br>\| Vertical Bar<br>[] Left or Right Square Bracket<br>" Double Quotes |

| | | |
|---|---|---|
| zLegacyPARNR_Z1 | Partner (Asset Owner) | Conditional<br><br>User to populate 'Z1' (Asset Owner) Vendor Business Partner for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'<br><br>Rule -<br>For Assets that are Owned by Syensqo and Maintained by Syensqo Inter Company Vendor are to be populated.<br><br>For Assets that are rented from specific vendors or maintained by third-party service providers, external Vendors are to be populated |
| zLegacyPARNR_Z2 | Partner (Asset Maintainer) | Conditional<br><br>User to populate 'Z2' (Asset Maintainer) Vendor Business Partner for Level 2 Category 'A' Functional Locations where 'Equipment Installation Is Allowed' field has not been assigned as 'X'<br><br>Rule -<br><br>For Assets that are Owned by Syensqo and Maintained by Syensqo Inter Company Vendor are to be populated.<br><br>For Assets that are rented from specific vendors or maintained by third-party service providers, external Vendors are to be populated |

</End CR0283>

Note: List of DCTs is maintained here: Conversion Specs Register (DCT & Cleansing Report)

# Extraction Dependencies

| Item # | Step Description | Team Responsible |
|---|---|---|
| Not Applicable | | |

# Transformation

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

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

## Transformation Run Sheet

| Item # | Step Description | Team Responsible |
|---|---|---|
| 1 | Obtain DCT Sign-off from Business. | SyWay Data Team |
| 2 | In dspMigrate, select the wave – S4/HANA – Plant Maintenance | Syniti |
| 3 | Go to Process Area Launch and Process the Object – Functional Location | Syniti |
| 4 | Review and Validate Error and Preload Reports | Syniti |
| 5 | Execute the transformation to prepare the target tables | Syniti |
| 6 | Validate data from pre-load and error reports | Business/Data owner |
| 7 | Generate load files | Syniti |

# Transformation Rules

**1. Functional Location Master Transformation Rule (ECC)**

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | IFLOT | TPLNR | Legacy Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | For PF2 Functional Locations use Value Mapping: Functional Location (where ~~NOT_REL = Blank and~~ TGT_OBJECT = 'FL' or 'EQ' and ~~BUS_VERF = 'X'~~ ZREVIEW_STATUS = 'Completed')<br><br></Start CR0416><br><br>For WP2 Functional Locations -<br><br>• Get Functional Location from (IFLOS-STRNO) where IFLOS-TPLNR = IFLOT-TPLNR and IFLOS-ACTVS = 'X'<br>• Use Value Mapping: Functional Location (where ~~NOT_REL = Blank and~~ TGT_OBJECT = 'FL' or 'EQ' and ~~BUS_VERF = 'X'~~ ZREVIEW_STATUS = 'Completed'<br><br></End CR0416> |
| 2 | - | - | - | - | S/4 Hana | IFLOT | TPLKZ | Structure Indicator | Default to 'SAST' |
| 3 | - | - | - | - | S/4 Hana | IFLOT | FLTYP | Category | Default to 'A' |
| 4 | - | - | - | - | S/4 Hana | IFLOT | DATAB | Start-Up Date | If IEQUI (Equipment Installation Is Allowed) = Blank and and derived Target User Status for Functional Location from Functional Location User Status (STAT) Transformation Rules (ECC) is either of the below:<br>'COMM' (Commissioned)<br>'INSR' (In Service)<br>'OTSR' (Out of Service)<br>'SCRP' (Scrap)<br>then assign the date as per Value mapping : OTH_Migration_Date Relevant Values A2D (where Object ID "1003" and Field Name = "IFLOT-INBDT".<br><br>Else leave blank |
| 5 | PF2, WP2 | IFLOT | EQART | Object Type | S/4 Hana | IFLOT | EQART | Object Type | Value mapping : Asset_Technical Object Type.<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 6 | PF2, WP2 | IFLOT | HERST | Manufacturer | S/4 Hana | IFLOT | HERST | Manufacturer | Direct Mapping |
| 7 | PF2, WP2 | IFLOT | TYPBZ | Model Number | S/4 Hana | IFLOT | TYPBZ | Model Number | Direct Mapping |
| 8 | PF2, WP2 | IFLOT | MAPAR | Manufacturer Part Number | S/4 Hana | IFLOT | MAPAR | Manufacturer Part Number | Direct Mapping |
| 9 | PF2, WP2 | IFLOT | HERLD | Country /Region of Manufacture | S/4 Hana | IFLOT | HERLD | Country /Region of Manufacture | Direct Mapping |
| 10 | PF2, WP2 | IFLOT | BAUJJ | Year of Construction | S/4 Hana | IFLOT | BAUJJ | Year of Construction | Direct Mapping |
| 11 | PF2, WP2 | IFLOT | BAUMM | Month of Construction | S/4 Hana | IFLOT | BAUMM | Month of Construction | Direct Mapping |
| 12 | PF2, WP2 | IFLOT | SERGE | Manufacturer Serial Number | S/4 Hana | IFLOT | SERGE | Manufacturer Serial Number | Direct Mapping |
| 13 | PF2, WP2 | IFLOT | ANSWT | Acquisition Value | S/4 Hana | IFLOT | ANSWT | Acquisition Value | Direct Mapping |
| 14 | PF2, WP2 | IFLOT | WAERS | Currency Key | S/4 Hana | IFLOT | WAERS | Currency Key | Direct Mapping |
| 15 | PF2, WP2 | ILOA | SWERK | Maintenance Plant | S/4 Hana | ILOA | SWERK | Maintenance Plant | Value Mapping: Plant (Maintenance Plant = Yes) |
| 16 | PF2, WP2 | ILOA | EQFNR | Sort Field | S/4 Hana | ILOA | EQFNR | Sort Field | Direct Mapping<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 17 | PF2, WP2 | ILOA | BEBER | Plant Section | S/4 Hana | IFLOT | BEBER | Plant Section | Value mapping : Plant Section.<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 18 | - | - | - | - | S/4 Hana | IFLOT | ABCKZ | ABC Indicator | Derive the Indicator based on below logic -<br><br>• Aggregate values for all Characteristics assigned (in Target CABN) to the Functional Location which are relevant for Asset Criticality Analysis i.e having Characteristic Group (CABN_ATKLA) with Characteristic Group Name (TCMGT_ATKLT) = 'Criticality Risk Scoring'<br>• Derive ABC Indicator value by applying the below categorization on the aggregated value from the last step<br>Value > 14500, then assign 'A'<br>Value in Range 101 < 14500, then assign 'B'<br>Value in Range 0 < 101, then assign 'C' |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 19 | PF2, WP2 | IFLOT | INGRP | Planner Group | S/4 Hana | ILOA | INGRP | Planner Group | Value mapping : Maintenance Planner Group<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 20 | PF2, WP2 | ILOA | IWERK | Planning Plant | S/4 Hana | IFLOT | IWERK | Planning Plant | Value Mapping: Plant (Maintenance Plant = Yes) |
| 21 | PF2, WP2 | IFLOT | GEWRK | Maintenance Work Center | S/4 Hana | IFLOT | GEWRK | Maintenance Work Center | Value mapping : Work Center A2D<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 22 | PF2, WP2 | IFLOT | WERGW | Work Center Plant | S/4 Hana | IFLOT | WERGW | Work Center Plant | Value Mapping: Plant (Maintenance Plant = Yes) |
| 23 | - | - | - | - | S/4 Hana | ILOA | BUKRS | Company Code | Derive the Company code from table 'T001K' where Target IFLOT_SWERK (Maintenance Plant) = T001K_BWKEY |
| 24 | PF2, WP2 | ILOA | KOSTL | Cost Center | S/4 Hana | ILOA | KOSTL | Cost Center | Overwrite with ENR-Functional Location DCT if provided (as part of enrichment).<br><br>Value Mapping : Cost Center |
| 25 | - | - | - | - | S/4 Hana | ILOA | TPLMA | Superior Functional Location | Derive the TPLMA from TGT_TPLNR as per Value Mapping: Functional Location (using zLegacyTPLNR = ECC TPLNR) |
| 26 | - | - | - | - | S/4 Hana | ILOA | IEQUI | Equipment Installation Is Allowed | Derive based on Value Mapping: Functional Location.<br><br>If EQUIP_EXIST = 'X' and TGT_OBJECT='FL', where TPLNR = zLegacyTPLNR, then assign 'X' , else '' Blank |
| 27 | PF2, WP2 | IFLOT | SUBMT | Construction Type | S/4 Hana | ILOA | SUBMT | Construction Type | Overwrite with ENR-Functional Location DCT if provided (as part of enrichment)<br><br>Value Mapping : Assembly and Construction Type |
| 28 | - | - | - | - | S/4 Hana | ILOA | KOKRS | Controlling Area | Default to 'CO01' (SYSQ Controlling Area) |
| 29 | PF2, WP2 | IFLOT | BRGEW | Weight of Object | S/4 Hana | IFLOT | BRGEW | Weight of Object | Direct Mapping<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 30 | PF2, WP2 | IFLOT | GEWEI | Unit of Weight | S/4 Hana | IFLOT | GEWEI | Unit of Weight | Direct Mapping<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 31 | PF2, WP2 | ADRC | NAME1 | Name 1 | S/4 Hana | ADRC | NAME1 | Name 1 | Direct Mapping<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 32 | PF2, WP2 | ADRC | NAME2 | Name 2 | S/4 Hana | ADRC | NAME2 | Name 2 | Direct Mapping<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 33 | PF2, WP2 | ADRC | NAME3 | Name 3 | S/4 Hana | ADRC | NAME3 | Name 3 | Direct Mapping<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 34 | PF2, WP2 | ADRC | NAME4 | Name 4 | S/4 Hana | ADRC | NAME4 | Name 4 | Direct Mapping<br><br>Overwrite with ENR-Functional Location DCT if provided (as part of enrichment) |
| 35 | - | - | - | - | S/4 Hana | ADRC | COUNTRY | Country /Region Key | Derive Country/ Region from Table T001W where Target SWERK (Maintenance Plant) = T001K_WERKS |

### 2. Functional Location Master Transformation Rule (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IFLOT | TPLKZ | Structure Indicator | Derive based on logic:<br><br>If FLTYP = 'O' then TPLKZ = 'SORG'<br><br>If FLTYP = 'N' then TPLKZ = 'SNAV'<br><br>If FLTYP = 'A' then TPKLZ = 'SAST' |
| 3 | DCT | IFLOT | FLTYP | Category | S/4 Hana | IFLOT | FLTYP | Category | Direct Mapping |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4 | - | - | - | - | S/4 Hana | IFLOT | DATAB | Start-Up Date | If FLTYP = 'O' or 'N' then INBDT = ' ' (Blank)<br><br>Else<br><br>For FLTYP = 'A'<br><br>If IEQUI (Equipment Installation Is Allowed) = Blank and derived Target User Status for Functional Location from Functional Location User Status (STAT) Transformation Rules (ECC) is either of the below:<br>'COMM' (Commissioned)<br>'INSR' (In Service)<br>'OTSR' (Out of Service)<br>'SCRP' (Scrap)<br>then assign the date as per Value mapping : OTH_Migration_Date Relevant Values A2D (where Object ID "1003" and Field Name = "IFLOT-INBDT".<br><br>Else leave blank |
| 5 | DCT | IFLOT | EQART | Object Type | S/4 Hana | IFLOT | EQART | Object Type | Direct Mapping |
| 6 | DCT | IFLOT | HERST | Manufacturer | S/4 Hana | IFLOT | HERST | Manufacturer | Direct Mapping |
| 7 | DCT | IFLOT | TYPBZ | Model Number | S/4 Hana | IFLOT | TYPBZ | Model Number | Direct Mapping |
| 8 | DCT | IFLOT | MAPAR | Manufacturer Part Number | S/4 Hana | IFLOT | MAPAR | Manufacturer Part Number | Direct Mapping |
| 9 | DCT | IFLOT | HERLD | Country /Region of Manufacture | S/4 Hana | IFLOT | HERLD | Country /Region of Manufacture | Direct Mapping |
| 10 | DCT | IFLOT | BAUJJ | Year of Construction | S/4 Hana | IFLOT | BAUJJ | Year of Construction | Direct Mapping |
| 11 | DCT | IFLOT | BAUMM | Month of Construction | S/4 Hana | IFLOT | BAUMM | Month of Construction | Direct Mapping |
| 12 | DCT | IFLOT | SERGE | Manufacturer Serial Number | S/4 Hana | IFLOT | SERGE | Manufacturer Serial Number | Direct Mapping |
| 13 | DCT | IFLOT | ANSWT | Acquisition Value | S/4 Hana | IFLOT | ANSWT | Acquisition Value | Direct Mapping |
| 14 | DCT | IFLOT | WAERS | Currency Key | S/4 Hana | IFLOT | WAERS | Currency Key | Direct Mapping |
| 15 | DCT | IFLOT | SWERK | Maintenance Plant | S/4 Hana | IFLOT | SWERK | Maintenance Plant | Direct Mapping |
| 16 | DCT | IFLOT | EQFNR | Sort Field | S/4 Hana | IFLOT | EQFNR | Sort Field | Direct Mapping |
| 17 | DCT | IFLOT | BEBER | Plant Section | S/4 Hana | IFLOT | BEBER | Plant Section | Direct Mapping |
| 18 | - | - | - | - | S/4 Hana | IFLOT | ABCKZ | ABC Indicator | Derive the Indicator based on below logic -<br><br>• Aggregate values for all Characteristics assigned (in Target CABN) to the Functional Location which are relevant for Asset Criticality Analysis i.e having Characteristic Group (CABN_ATKLA) with Characteristic Group Name (TCMGT_ATKLT) = 'Criticality Risk Scoring'<br>• Derive ABC Indicator value by applying the below categorization on the aggregated value from the last step<br>Value > 14500, then assign 'A'<br>Value in Range 101 < 14500, then assign 'B'<br>Value in Range 0 < 101, then assign 'C' |
| 19 | DCT | IFLOT | INGRP | Planner Group | S/4 Hana | ILOA | INGRP | Planner Group | Direct Mapping |
| 20 | - | - | - | - | S/4 Hana | IFLOT | IWERK | Planning Plant | Copy the same value as Target SWERK (Maintenance Plant) |
| 21 | DCT | IFLOT | GEWRK | Maintenance Work Center | S/4 Hana | IFLOT | GEWRK | Maintenance Work Center | Direct Mapping |
| 22 | - | - | - | - | S/4 Hana | IFLOT | WERGW | Work Center Plant | Copy the same value as Target SWERK (Maintenance Plant) |
| 23 | - | - | - | - | S/4 Hana | ILOA | BUKRS | Company Code | Derive the Company code from table 'T001K' where Maintenance Plant populated in DCT = T001K_BWKEY |
| 24 | DCT | ILOA | zLegacyKOSTL | Cost Center | S/4 Hana | ILOA | KOSTL | Cost Center | Value mapping : Cost Center |
| 25 | DCT | IFLOT | TPLMA | Superior Functional Location | S/4 Hana | ILOA | TPLMA | Superior Functional Location | Direct Mapping |
| 26 | - | - | - | - | S/4 Hana | ILOA | IEQUI | Equipment Installation Is Allowed | Default to 'X' |
| 27 | DCT | IFLOT | SUBMT | Construction Type | S/4 Hana | ILOA | SUBMT | Construction Type | Value Mapping :Assembly and Construction Type |
| 28 | - | - | - | - | S/4 Hana | ILOA | KOKRS | Controlling Area | Default to 'CO01' (SYSQ Controlling Area) |
| 29 | DCT | IFLOT | BRGEW | Weight of Object | S/4 Hana | IFLOT | BRGEW | Weight of Object | Direct Mapping |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 30 | DCT | IFLOT | GEWEI | Unit of Weight | S/4 Hana | IFLOT | GEWEI | Unit of Weight | Direct Mapping |
| 31 | DCT | ADRC | NAME1 | Name 1 | S/4 Hana | ADRC | NAME1 | Name 1 | Direct Mapping |
| 32 | DCT | ADRC | NAME2 | Name 2 | S/4 Hana | ADRC | NAME2 | Name 2 | Direct Mapping |
| 33 | DCT | ADRC | NAME3 | Name 3 | S/4 Hana | ADRC | NAME3 | Name 3 | Direct Mapping |
| 34 | DCT | ADRC | NAME4 | Name 4 | S/4 Hana | ADRC | NAME4 | Name 4 | Direct Mapping |
| 35 | - | - | - | - | S/4 Hana | ADRC | COUNTRY | Country /Region Key | Derive Country/ Region from Table T001W where Target SWERK (Maintenance Plant) = T001K_WERKS |

### 3. Functional Location Short Text Transformation Rule (ECC)

</Start CR0283>

| Rule # | ~~Source system~~ | ~~Source Table~~ | ~~Source Field~~ | ~~Source Description~~ | ~~Target System~~ | ~~Target Table~~ | ~~Target Field~~ | ~~Target Description~~ | ~~Transformation Logic~~ |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ~~PF2, WP2~~ | ~~IFLOT~~ | ~~TPLNR~~ | ~~Legacy Functional Location Label~~ | ~~S/4 Hana~~ | ~~IFLOT~~ | ~~TPLNR~~ | ~~Functional Location~~ | ~~Value Mapping: Functional Location (where NOT_REL = Blank)~~ |
| 2 | ~~PF2, WP2~~ | ~~IFLOTX~~ | ~~SPRAS~~ | ~~Language Key~~ | ~~S/4 Hana~~ | ~~IFLOTX~~ | ~~SPRAS~~ | ~~Language Key~~ | ~~Direct Mapping~~ |
| 3 | ~~PF2, WP2~~ | ~~IFLOTX~~ | ~~PLTXT~~ | ~~Description of Functional Location~~ | ~~S/4 Hana~~ | ~~IFLOTX~~ | ~~PLTXT~~ | ~~Description of Functional Location~~ | ~~Direct Mapping~~<br><br>~~Overwrite with ENR Functional Location DCT if provided (as part of enrichment)~~ |

For Legacy entries where SPRAS = 'E'

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | IFLOT | TPLNR | Legacy Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Value Mapping: Functional Location (where NOT_REL = Blank) |
| 2 | PF2, WP2 | IFLOTX | SPRAS | Language Key | S/4 Hana | IFLOTX | SPRAS | Language Key | Default to 'E' |
| 3 | ENR_DCT | IFLOTX | PLTXT | Description of Functional Location | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping from PLTXT_EN from ENR-Functional Location DCT if provided (as part of enrichment) |

UNION

For Legacy entries where SPRAS = Local language of the Plant associated to the Functional Location. Only add a record if the local language is not english

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | IFLOT | TPLNR | Legacy Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Value Mapping: Functional Location (where NOT_REL = Blank) |
| 2 | - | - | - | - | S/4 Hana | IFLOTX | SPRAS | Language Key | Derive Language Key (T001W-SPRAS) from Table T001W where S4 SWERK (Maintenance Plant) = T001W-WERK |
| 3 | ENR_DCT | IFLOTX | PLTXT | Description of Functional Location | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping from PLTXT_LC from ENR-Functional Location DCT if provided (as part of enrichment) |

Note : Legacy entries to be filtered for SPRAS = 'E' and the Local language of the Plant associated to the Functional Location.

</End CR0283>

### 4. Functional Location Short Text Transformation Rule (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IFLOTX | SPRAS | Language Key | Default to 'E' |
| 3 | DCT | IFLOTX | PLTXT_EN | Description of Functional Location (English) | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping |

UNION

</Start CR0283>

| Rule # | ~~Source system~~ | ~~Source Table~~ | ~~Source Field~~ | ~~Source Description~~ | ~~Target System~~ | ~~Target Table~~ | ~~Target Field~~ | ~~Target Description~~ | ~~Transformation Logic~~ |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ~~DCT~~ | ~~IFLOT~~ | ~~TPLNR~~ | ~~Functional Location Label~~ | ~~S/4 Hana~~ | ~~IFLOT~~ | ~~TPLNR~~ | ~~Functional Location~~ | ~~Direct Mapping~~ |
| 2 | ~~DCT~~ | ~~IFLOTX~~ | ~~SPRAS_LC~~ | ~~Language Key~~ | ~~S/4 Hana~~ | ~~IFLOTX~~ | ~~SPRAS~~ | ~~Language Key~~ | ~~Direct Mapping~~ |
| 3 | ~~DCT~~ | ~~IFLOTX~~ | ~~PLTXT_LC~~ | ~~Description of Functional Location (Local Language of Plant)~~ | ~~S/4 Hana~~ | ~~IFLOTX~~ | ~~PLTXT~~ | ~~Description of Functional Location~~ | ~~Direct Mapping~~ |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IFLOTX | SPRAS | Language Key | Default to 'F' |
| 3 | DCT | IFLOTX | PLTXT_FR | Description of Functional Location (French) | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IFLOTX | SPRAS | Language Key | Default to 'I' |
| 3 | DCT | IFLOTX | PLTXT_IT | Description of Functional Location (Italian) | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IFLOTX | SPRAS | Language Key | Default to '1' |
| 3 | DCT | IFLOTX | PLTXT_ZH | Description of Functional Location (Mandarin) | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IFLOTX | SPRAS | Language Key | Default to 'P' |
| 3 | DCT | IFLOTX | PLTXT_PT | Description of Functional Location (Brazilian Portuguese) | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IFLOTX | SPRAS | Language Key | Default to 'D' |
| 3 | DCT | IFLOTX | PLTXT_DE | Description of Functional Location (German) | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IFLOTX | SPRAS | Language Key | Default to 'S' |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3 | DCT | IFLOTX | PLTXT_ES | Description of Functional Location (French) | S/4 Hana | IFLOTX | PLTXT | Description of Functional Location | Direct Mapping |

</End CR0283>

### 5a. Functional Location Classification Transformation Rule (ECC) - KSSK

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | IFLOT | TPLNR | Legacy Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Value Mapping: Functional Location (where NOT_REL = Blank) |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '003' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'IFLOT' |
| 4 | PF2, WP2 | KSSK | CLASS | Class Name | S/4 Hana | KSSK | CLASS | Class Name | </Start CR0283><br><br>~~Value mapping : Class A2D~~<br><br>Default below Classes :<br><br>• 'EAM_9999' ; and<br>• Class having naming convention = EAM_<TOT> (Tech Object Type) of the Floc<br><br></End CR0283> |

### 5b. Functional Location Classification Transformation Rule (ECC) - AUSP

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | CABN | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Step1- Use Value mapping: Characteristic A2D (Staging) to get the Staging Characteristic;<br><br>Step2 - Use Value mapping: Characteristic A2D to get the Target Characteristic |
| 2 | </Start CR0283> | | | | | | | | |
| 3 | - | - | - | - | S/4 Hana | KSSK | CLASS | Class Name | Derive CLASS from the Class-Characteristic Assignment DCT based on the S4 Characteristic (ATNAM) |
| 4 | </End CR0283> | | | | | | | | |
| 5 | PF2, WP2 | AUSP | ADZHL | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |
| 6 | PF2, WP2 | AUSP | ATFLV | Numerical Value - From | S/4 Hana | AUSP | ATFLV | Numerical Value - From (Floating Point) | Convert existing Legacy value to Float |
| 7 | PF2, WP2 | AUSP | ATFLB | Numerical Value - To | S/4 Hana | AUSP | ATFLB | Numerical Value - To (Floating Point) | Convert existing Legacy value to Float |
| 8 | PF2, WP2 | AUSP | ATFLV | Date Interval - From | S/4 Hana | AUSP | DATE_FROM | Lower Boundary for Date - Interval | Convert existing Legacy value to Float |
| 9 | PF2, WP2 | AUSP | ATFLB | Date Interval - To | S/4 Hana | AUSP | DATE_TO | Upper Boundary for Date - Interval | Convert existing Legacy value to Float |
| 10 | PF2, WP2 | AUSP | ATFLV | Time Interval - From | S/4 Hana | AUSP | TIME_FROM | Lower Boundary for Time - Interval | Convert existing Legacy value to Float |
| 11 | PF2, WP2 | AUSP | ATFLB | Time Interval - To | S/4 Hana | AUSP | TIME_TO | Upper Boundary for Time - Interval | Convert existing Legacy value to Float |
| 12 | PF2, WP2 | AUSP | ATFLV | Currency Value - From | S/4 Hana | AUSP | ATFLV | Currency Value - From (Floating Point) | Convert existing Legacy value to Float |
| 13 | PF2, WP2 | AUSP | ATFLB | Currency Value - To | S/4 Hana | AUSP | ATFLB | Currency Value - To (Floating Point) | Convert existing Legacy value to Float |
| 14 | PF2, WP2 | AUSP | ATWRT | Characteristic Value | S/4 Hana | AUSP | ATWRT | Characteristic Value | Direct Mapping |

### 6. Functional Location Classification Transformation Rule (DCT)

Only get the records where Characteristics with Data Type = CHAR

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '003' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'IFLOT' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Value Mapping: Characteristic A2D |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATWRT | Characteristic Value | Direct Mapping |
| 7 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

Only get the records where Characteristics with Data Type = CURR

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '003' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'IFLOT' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Direct Mapping |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATFLV | Characteristic Value (From) | If range: values concatenated using " - ", derive the value before " - ".<br><br>Otherwise, direct mapping. |
| 7 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATFLB | Characteristic Value (To) | If range: values concatenated using " - ", derive the value after " - ".<br><br>Otherwise, direct mapping. |
| 8 | - | - | - | - | S/4 Hana | AUSP | CURRENCY | Currency Key | Derive from Currency Key of the Characteristics |
| 9 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

Only get the records where Characteristics with Data Type = DATE

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '003' |
| 3 | - | - | - | - | S/4 Hana | INOB | OBTAB | Name of Database Table for Object | Default to 'IFLOT' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Direct Mapping |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | DATE_FROM | Characteristic Value (From) | If range: values concatenated using " - ", derive the value before " - ".<br><br>Otherwise, direct mapping. |
| 7 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | DATE_TO | Characteristic Value (To) | If range: values concatenated using " - ", derive the value after " - ".<br><br>Otherwise, direct mapping. |
| 8 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

Only get the records where Characteristics with Data Type = NUM

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '003' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'IFLOT' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATNAM | Characteristic Name | Direct Mapping |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATFLV | Characteristic Value (From) | If range: values concatenated using " - ", derive the value before " - ".<br><br>Otherwise, direct mapping. |
| 7 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | ATFLB | Characteristic Value (To) | If range: values concatenated using " - ", derive the value after " - ".<br><br>Otherwise, leave blank. |
| 8 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

Only get the records where Characteristics with Data Type = TIME

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | KSSK | KLART | Class Type | Default to '003' |
| 3 | - | - | - | - | S/4 Hana | KSSK | OBTAB | Name of Database Table for Object | Default to 'IFLOT' |
| 4 | DCT | KSSK | CLASSNUM | Class Name | S/4 Hana | KSSK | CLASS | Class Name | Direct Mapping |
| 5 | DCT | AUSP | ATNAM | Characteristic Name | S/4 Hana | AUSP | ATINN | Characteristic Name | Direct Mapping |
| 6 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | TIME_FROM | Characteristic Value (From) | If range: values concatenated using " - ", derive the value before " - ".<br><br>Otherwise, direct mapping. |
| 7 | DCT | AUSP | ATWRT | Characteristic Value | S/4 Hana | CAWN | TIME_TO | Characteristic Value (To) | If range: values concatenated using " - ", derive the value after " - ".<br><br>Otherwise, direct mapping. |
| 8 | DCT | AUSP | POSNR | Item Number | S/4 Hana | AUSP | POSNR | Item Number | Direct Mapping |

### 7. Functional Location Partner Transformation Rule (ECC)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | IFLOT | TPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IHPA | OBTYP | Object Type | Default to 'IFL' |
| 3 | - | - | - | - | S/4 Hana | IHPA | PARVW | Partner Function | Default to 'Z1' (Asset Owner) |
| 4 | ENR_DCT | IHPA | zLegacyPARNR_Z1 | Partner (Asset Owner) | S/4 Hana | IHPA | PARNR | Partner | Overwrite with ENR-Functional Location DCT if provided (as part of enrichment).<br><br>Value mapping : Vendor Number |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | IFLOT | TPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IHPA | OBTYP | Object Type | Default to 'IFL' |
| 3 | - | - | - | - | S/4 Hana | IHPA | PARVW | Partner Function | Default to 'Z2' (Asset Maintainer) |
| 4 | ENR_DCT | IHPA | zLegacyPARNR_Z2 | Partner (Asset Maintainer) | S/4 Hana | IHPA | PARNR | Partner | Overwrite with ENR-Functional Location DCT if provided (as part of enrichment)<br><br>Value mapping : Vendor Number |

### 7a. Functional Location Partner Transformation Rule (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IHPA | OBTYP | Object Type | Default to 'IFL' |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3 | - | - | - | - | S/4 Hana | IHPA | PARVW | Partner Function | Default to 'Z1' (Asset Owner) |
| 4 | DCT | IHPA | zLegacyPARNR_Z1 | Partner (Asset Owner) | S/4 Hana | IHPA | PARNR | Partner | Direct Mapping |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | IHPA | OBTYP | Object Type | Default to 'IFL' |
| 3 | - | - | - | - | S/4 Hana | IHPA | PARVW | Partner Function | Default to 'Z2' (Asset Maintainer) |
| 4 | DCT | IHPA | zLegacyPARNR_Z2 | Partner (Asset Maintainer) | S/4 Hana | IHPA | PARNR | Partner | Direct Mapping |

### 8. Functional Location User Status Transformation Rules (ECC)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PF2, WP2 | IFLOT | TPLNR | Legacy Functional Location Label | S/4 Hana | IFLOT | TPLNR | Functional Location | Value Mapping: Functional Location (where NOT_REL = Blank) |
| 3 | - | - | - | - | S/4 Hana | JSTO | STSMA | Status profile of the functional location | Default to 'ZEAMFL01' |
| 4 | PF2, WP2 | JEST | STAT | Status Number in User Status List | S/4 Hana | JEST | STAT | Status Number in User Status List | Value Mapping : User Status Functional Location.<br><br>For legacy values in the value mapping, where there is 1: many entries, add additional record in the target for the functional location |
| 5 | - | - | - | - | S/4 Hana | JEST | INACT | Indicator: Status Is Inactive | Default to '' (Blank) |

Note: Filter on TJ30T for Status Profiles with ESTAT starting with E*.

### 9. Functional Location User Status Transformation Rules (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | Staging | IFLOT | TPLNR | Functional Location Number | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | JSTO | STSMA | Status profile of the functional location | Default to 'ZEAMFL01' |
| 3 | DCT | JEST | STAT_N1 | Sequential Status in the User Status Profile | S/4 Hana | JEST | STAT | Status Number in User Status List | Default 'PLAN' for Category 'O' and 'N'<br><br>For Category 'A': Direct Mapping. If blank, default to 'PLAN' |
| 4 | - | - | - | - | S/4 Hana | JEST | INACT | Indicator: Status Is Inactive | Default to '' (Blank) |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | Staging | IFLOT | TPLNR | Functional Location Number | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | JSTO | STSMA | Status profile of the functional location | Default to 'ZEAMFL01' |
| 3 | DCT | JEST | STAT_X1 | Non-Sequential Status in the User Status Profile - EXHZ (Extremely Hazardous) | S/4 Hana | JEST | STAT | Status Number in User Status List | Default Blank for Category 'O' and 'N'<br><br>For Category 'A': Direct Mapping |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 4 | - | - | - | - | S/4 Hana | JEST | INACT | Indicator: Status Is Inactive | Default to '' (Blank) |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | Staging | IFLOT | TPLNR | Functional Location Number | Direct Mapping |
| 2 | - | - | - | - | S/4 Hana | JSTO | STSMA | Status profile of the functional location | Default to 'ZEAMFL01' |
| 3 | DCT | JEST | STAT_X2 | Non-Sequential Status in the User Status Profile - MTNA (Maintenance Not Allowed) | S/4 Hana | JEST | STAT | Status Number in User Status List | Default to 'MNTA' (Maintenance Not Allowed) for Category 'O' and 'N'<br><br>For Category 'A':<br>Direct Mapping |
| 4 | - | - | - | - | S/4 Hana | JEST | INACT | Indicator: Status Is Inactive | Default to '' (Blank) |

### 10. Functional Location Long Text Header (ECC)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | PF2, WP2 | IFLOT | TPLNR | Legacy Functional Location Label | S/4 Hana | STXH | TDNAME | Name | Value Mapping: Functional Location (where NOT_REL = Blank) |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 4 | PF2, WP2 | STXH | TDSPRAS | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Direct Mapping |

Note: Only the records marked as Cleansed in Inclusion-FL Long Text will be migrated

### 11. Functional Location Long Text Header (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | STXH | TDNAME | Name | Direct Mapping |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 4 | DCT | STXH | TDSPRAS | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Default to 'E' |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | STXH | TDNAME | Name | Direct Mapping |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 4 | DCT | STXH | TDSPRAS_LC | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Direct Mapping |

### 12. Functional Location Long Text Line (ECC)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXL | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | PF2, WP2 | IFLOT | TPLNR | Legacy Functional Location Label | S/4 Hana | STXH | TDNAME | Name | Value Mapping: Functional Location (where NOT_REL = Blank) |
| 3 | - | - | - | - | S/4 Hana | STXL | TDID | Text ID | Default to 'LTXT' |
| 5 | PF2, WP2 | STXH | TDSPRAS | Language Key | S/4 Hana | STXL | TDSPRAS | Language Key | Direct Mapping |
| 6 | - | - | - | - | S/4 Hana | STXL | TDFORMAT | Tag column | Default to "*" |
| 7 | PF2, WP2 | STXL | ROWCOUNT | Row Number | S/4 Hana | STXL | ROWCOUNT | Row Number | Direct Mapping |
| 8 | PF2, WP2 | STXL | TDLINE | Text Line | S/4 Hana | STXL | TDLINE | Text Line | Direct Mapping<br><br></Start CR0416><br><br>Convert to Upper Case<br><br></End CR0416> |

Note: Only the records marked as Cleansed in Inclusion-FL Long Text will be migrated

### 13. Functional Location Long Text Line (DCT)

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | STXH | TDNAME | Name | Direct Mapping |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 4 | DCT | STXH | TDSPRAS | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Default to 'E' |
| 5 | - | - | - | - | S/4 Hana | STXL | TDFORMAT | Tag column | Default to "*" |
| </Start CR0416> | | | | | | | | | |
| 6 | - | - | - | - | S/4 Hana | STXL | ROWCOUNT | Row Number | For each 132-character string generated, create a separate target row and increment the row number by 1 in sequence until the complete text is split. |
| 7 | DCT | STXL | TDLINE_EN | Text Line | S/4 Hana | STXL | TDLINE | Text Line | ~~Direct Mapping~~<br><br>Convert to Upper Case<br><br>Split the DCT long text into consecutive 132-character strings. For each 132-character string generated, create a separate target row and increment the row counter by 1 in sequence until the complete text is split. |
| </End CR0416> | | | | | | | | | |

UNION

| Rule # | Source system | Source Table | Source Field | Source Description | Target System | Target Table | Target Field | Target Description | Transformation Logic |
|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | S/4 Hana | STXH | TDOBJECT | Texts: application object | Default to 'IFLOT' |
| 2 | DCT | IFLOT | zLegacyTPLNR | Functional Location Label | S/4 Hana | STXH | TDNAME | Name | Direct Mapping |
| 3 | - | - | - | - | S/4 Hana | STXH | TDID | Text ID | Default to 'LTXT' |
| 4 | DCT | STXH | TDSPRAS_LC | Language Key | S/4 Hana | STXH | TDSPRAS | Language Key | Direct Mapping |
| 5 | - | - | - | - | S/4 Hana | STXL | TDFORMAT | Tag column | Default to "*" |
| </Start CR0416> | | | | | | | | | |
| 6 | - | - | - | - | S/4 Hana | STXL | ROWCOUNT | Row Number | For each 132-character string generated, create a separate target row and increment the row number by 1 in sequence until the complete text is split. |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 7 | DCT | STXL | TDLINE_LC | Text Line | S/4 Hana | STXL | TDLINE | Text Line | ~~Direct Mapping~~<br><br>Convert to Upper Case<br><br>Split the DCT long text into consecutive 132-character strings. For each 132-character string generated, create a separate target row and increment the row counter by 1 in sequence until the complete text is split. |
| </End CR0416> | | | | | | | | | |

**Note**: For all relevant fields Data Origin will be defaulted to 'Individual Maintenance'

List of Custom Target Reports for this object is maintained here: Conversion Specification - Custom Reports Register.

# Transformation Mapping

| Mapping Table Name | Mapping Table Description |
|---|---|
| OTH_Migration_Date Relevant Values A2D | Dates to be defaulted for A2D objects for each Migration Cycle |
| Assembly and Construction Type | Mapping of legacy Assembly / Construction Type to new Assembly / Construction Type |
| Characteristic A2D (Staging) | Old to Staging Characteristic A2D |
| Characteristic A2D | Old to New Characteristic A2D |
| Class A2D | Old to New Class A2D |
| Cost Centre | Old to New Cost Center |
| Functional Location | List of relevant Asset Functional Locations slated for migration, including the Target Technical Object. This will also be used for Old to New Functional Location Mapping |
| Maintenance Planner Group | Old to New Planner Group |
| Plant | Old Plant to New Plant |
| Plant Section | Old to new Plant Section |
| Technical Object Type | Old to new Technical Object Type |
| User Status Function Location | Old to New Functional Location User Status |
| Vendor Number | LIFNR: Old Vendor Code to New Vendor Code |
| Work Centre A2D | Old to new Work Centre A2D |
| </Start CR0282> | |
| ~~OTH_Technical Object Type_APM~~ | ~~List of Functional Location and Equipment TOTs required for migrating historical Measurement Documents and Notifications~~ |
| ~~OTH_Plant_APM~~ | ~~List of Plants required for migrating historical Measurement Documents and Notifications~~ |
| </End CR0282> | |

List of Transformation Mappings with additional details is maintained here: Transformation Mappings

## Transformation Dependencies

List the steps that need to occur before transformation can commence

| Item # | Step Description | Team Responsible |
|---|---|---|
| 1 | Ensure DCT tables completeness | SyWay Data Team |
| 2 | Ensure all Transformation mappings are up to date | SyWay Data Team |

# Pre-Load Validation

## Project Team

### Completeness

| Task | Action |
|---|---|
| Verify Record Count | SyWay A2D Data Team to verify that the total number of relevant records from the source systems and/or the DCT is equal to the total number of records in the Preload and Load Sheets. |

### Accuracy

| Task | Action |
|---|---|
| Conversion Accuracy | SyWay A2D Data Team to verify that all fields below meet pass the checks:<br>1. Mandatory Fields<br>2. Field and Value Mapping Correctness<br>3. Null Checks<br>4. Text Length Checks |
| Review Error Reports | Review and correct the errors. Achieve a zero-error record count as much as possible. Raise defects for data remediated and requiring a correction in the source data. |

## Business

### Completeness

| Task | Action |
|---|---|
| Verify Record Count | Business Data Owner/s to verify that the total number of relevant records from the source systems and/or the DCT is equal to the total number of records in the Preload and Load Sheets. |

### Accuracy

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

# Load

The load process includes:

1. Execute the automated data load into target system using load tool or product the load file if the load must be done manually
2. Once the data is loaded to the target system, it will be extracted and prepared for Post Load Data Validation

## Load Run Sheet

| Item # | Step Description | Team Responsible |
|---|---|---|
| 1 | Ensure Pre-load sign-offs are obtained. | SyWay Data team |
| 2 | Go to the load tool and select the correct load Program. | SyWay Data team |

| | | |
|---|---|---|
| 3 | Proceed with Data load. | SyWay Data team |
| 4 | Validate few records loaded by accessing standard transactions. | SyWay Data team |
| 5 | Generate the post load reports in the tool. | SyWay Data team |
| 6 | Log errors as defects, if any and address resolutions. Close defects. | SyWay Data team |
| 7 | Resolve defects by re-upload and re-generate post load reports if necessary. | SyWay Data team |
| 8 | Business to validate the post load files as part of post-load validation, raise data defects or provide the post-load sign-off. | Business |
| 9 | Repeat steps 5 to 7 if necessary. | SyWay Data team |

## Load Phase and Dependencies

Pre-Cutover : 1003 Functional Location

Pre-Cutover : 1003a Functional Location Classification

Pre-Cutover : 1003b Functional Location User Status

Pre-Cutover : 1003c Functional Location Long Text

Pre-Cutover : 1003d Functional Location Partner Assignment

*Note: A separate load program may need to be created for 1003b, 1003c, 1003d if these become a risk to the actual cutover and need to be removed from the critical path. This will be evaluated post Mock 1*

### Configuration

| Item # | Configuration Item |
|---|---|
| 1 | T370S - Structure Indicators with edit masks |
| 2 | T370F - Functional Location Category |
| 3 | T370K - Object Type |
| 4 | TCURC - Currency |
| 5 | T005 - Country of manufacturer |
| 6 | T001W - Maintenance Plant |
| 7 | T357 - Plant Section |
| 8 | T370C - ABC indicator |
| 9 | T399I - Planning Plant |
| 10 | T024I - Planner Group |
| 11 | TPAR - Business Partner: Functions |
| 12 | T002 - Language Keys |

### Conversion Objects

| Object # | Preceding Object Conversion Approach |
|---|---|
| 1006 | Work Centre |
| 1074 | Cost Center |
| 1010 | PM Assembly/ Construction Types |
| 1015 | Characteristics |
| 1009 | Class |

| | |
|---|---|
| 3018 | Business Partner - FI Vendor (FLVN00) |

### Error Handling

| Error Type | Error Description | Action Taken |
|---|---|---|
| Configuration | Invalid Structure indicator missing | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Functional location category | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Object Type | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Currency | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Country of Manufacturer | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Maintenance Plant | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Plant Section | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid ABC indicator | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Planning Plant | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Planner Group | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Partner Function | Engage Functional team to expedite and fix the error in the system |
| Configuration | Invalid Language Key | Engage Functional team to expedite and fix the error in the system |
| Invalid Data | Invalid Work Centre | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Cost Center | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Construction Type | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Class | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Characteristics | Expedite whether the master data is changed in the system |
| Invalid Data | Invalid Vendor Business Partner | Expedite whether the master data is changed in the system |

# Post-Load Validation

## Project Team

### Completeness

| Task | Action |
|---|---|
| Verify Count | SyWay A2D Data team to verify the record count created in target S/4 HANA by accessing post load reports in dspMigrate or standard reports from S/4 HANA. |
| Verify Logs | Check if there is data that failed to load and perform the necessary actions (e.g. register as post load issue, or attempt to load the record again, etc.). |

### Accuracy

| Task | Action |
|---|---|
| Conversion Accuracy | Verify that the Functional Location data in target S/4 HANA were loaded correctly via dspMigrate post load reports or standard reports from S/4 HANA. |

## Business

### Completeness

| Task | Action |
|---|---|
| Verify Count | Download Post Load Reports from dspMigrate and verify that the record count loaded in the target S/4 HANA is the same count as of the endorsed load file. |

### Accuracy

| Task | Action |
|---|---|
| Conversion Accuracy | Verify that the Functional Location data in target S/4 HANA were loaded correctly via dspMigrate post load reports or standard reports from S/4 HANA. |

## Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- Data cleansing has met the required percentage threshold for the specified mock cycle and all preparation activities have been completed.
- Data entries in DCT are target-ready data unless a specific transformation rule is stated for that field in the transformation rules
- For Category 'A' Functional Location, if User Status is 'Blank', it will be defaulted 'PLAN' User Status. Cat 'O' and 'N' will be populated with both 'PLAN' and 'MTNA' statuses only.
- For legacy Functional Locations existing at a higher level (GBU, Plant etc) and having a Notification/ Work Order/ Maintenance Item associated, Business would review and apply one of the following option -
    - Cleanse in legacy i.e re-assign the Notification/ Work Order/ Maintenance Item to a Asset Level Functional Location
    - Create the legacy Functional Location as a Asset Level Functional Location in Target
    - Map the legacy Functional Location to a existing Asset Level Functional Location in Target
- Any Functional Location relevant for Asset Integration shall be migrated as Equipment and flagged in the Functional Location Mapping.

## See also

## Change log

| Version | Published | Changed By | Comment |
|---|---|---|---|
| **CURRENT (v. 441)** | **Apr 07, 2026 07:20** | **JOSHI-ext, Aditya** | |
| v. 440 | Apr 06, 2026 10:52 | **PUN-ext, Eddy** | |
| v. 439 | Apr 01, 2026 15:44 | **JOSHI-ext, Aditya** | |
| v. 438 | Apr 01, 2026 15:06 | **JOSHI-ext, Aditya** | |
| v. 437 | Apr 01, 2026 14:54 | **JOSHI-ext, Aditya** | |
| v. 436 | Apr 01, 2026 09:05 | **JOSHI-ext, Aditya** | |
| v. 435 | Apr 01, 2026 08:12 | **PUN-ext, Eddy** | |
| v. 434 | Mar 31, 2026 15:51 | **JOSHI-ext, Aditya** | |
| v. 433 | Mar 31, 2026 14:41 | **JOSHI-ext, Aditya** | |
| v. 432 | Mar 31, 2026 09:29 | **JOSHI-ext, Aditya** | |

Go to Page History

## Workflow history

| Title | Last Updated By | Updated | Status |
|---|---|---|---|
| There are no pages at the moment. | | | |

# Workflow history

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

| Apr 28, 2026 | Actor | Type | Activity | Version |
|---|---|---|---|---|
| Approved | TAN-ext, Charmaine | State | changed state to Approved at 7:34 am (State override)<br>*[PMO Comments] Conversion Spec completed as per CS register and functional review completed* | v441 |
| Lead Approval | TAN-ext, Charmaine | State | gave *Minor change* approval at 7:34 am<br>*[PMO Comments] Conversion Spec completed as per CS register and functional review completed* | |
| **Apr 22, 2026** | | | | |
| | MOUSSA-ext, Eva | State | changed expiry date to '29 Apr, 2026 07:31 am' at 7:31 am | |
| | | State | changed state to Lead Approval at 7:31 am | v441 |
| Tech Review | MOUSSA-ext, Eva | State | gave *Syniti Team Review* approval at 7:31 am<br>*v.441* | |
| | | State | changed expiry date to '27 Apr, 2026 07:30 am' at 7:30 am | |
| | | State | changed state to Tech Review at 7:30 am<br>*v.441* | v441 |
| Pending adjustment | MOUSSA-ext, Eva | State | changed state to Pending adjustment at 7:30 am | v441 |