CNV-1012 Measuring Point

Status	Approved
Owner	PUN-ext, Eddy
Stakeholders	ERGUIZA-ext, Pinky Love TEE-ext, Paul JOSHI-ext, Aditya VILARES, ines LEIGHTON-ext, Dean LAKKAD-ext, Anirudh STEF ANESCU-ext, Aurelia MOUSSA-ext, Eva HUSSAN-ext, Nishin BAGGA-ext, Abhishek

Purpose

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

Measuring point represents a physical or logical place at which a status or measurement is described. E.g. Temperature of the coolant or running hours of a motor.

Conversion Scope

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

At Syensqo, Measuring Points are used to monitor the condition and usage of assets. They provide critical input to support condition-based and usage-based maintenance strategies. Measuring Points are created on either Functional Locations or Equipment, depending on the asset structure and monitoring requirement.

Syensqo primarily uses the following three types of Measuring Points:

1. Static Measuring Points
Static Measuring Points are used to capture snapshot values of an asset's condition at a specific point in time. These readings represent parameters such as temperature, pressure, or vibration. The data collected through measurement documents enables trend analysis, which helps in assessing the health and performance of the asset.

Example: Monitoring equipment temperature over time.

2. Counter Measuring Points
Counter Measuring Points are used to capture the cumulative usage of an asset. These points incrementally track metrics such as operating hours, production cycles, or distance travelled. Measurement documents recorded at these points are often used to trigger maintenance plans based on usage, as per the maintenance strategy assigned to the asset.

Example: Tracking total operating hours of a motor.

3. Catalog Measuring Points
Catalog Measuring Points utilize predefined catalog codes to record qualitative or classified conditions observed during asset inspections. These codes represent specific condition statuses or fault categories. The selected catalog entry reflects the assessment of the asset's condition, typically after a physical or visual check.

The data from legacy system includes:

1. All Measuring Points (IMPTT-MPOBJ) linked to active Functional Locations (IFLOT-OBJNR) assigned to relevant plant (IFLOT-IWERK) in scope, which excludes the following status:
    a. Functional Location (IFLOT-TPLNR) with </Start CR0438> Active (JEST-INAC <> 'X') </End CR0438> System Status (JEST-STAT) Inactive "INAC"
    b. Functional Location (IFLOT-TPLNR) with </Start CR0438> Active (JEST-INAC <> 'X') </End CR0438> System Status (JEST-STAT) Deletion Flag "DLFL"
2. All Measuring Points (IMPTT-MPOBJ) linked to active Equipment (EQUI-OBJNR) assigned to relevant plant (EQUI-IWERK) in scope, which excludes the following status:
    a. Equipment with </Start CR0438> Active (JEST-INAC <> 'X') </End CR0438> System Status (JEST-STAT) Inactive "INAC"
    b. Equipment with </Start CR0438> Active (JEST-INAC <> 'X') </End CR0438> System Status (JEST-STAT) Deletion Flag "DLFL"
    c. Equipment with </Start CR0438> Active (JEST-INAC <> 'X') </End CR0438> System Status (JEST-STAT) In the warehouse "ESTO"
    d. Equipment with </Start CR0438> Active (JEST-INAC <> 'X') </End CR0438> System Status (JEST-STAT) Available "AVLB"

- For the relevant plants in scope, refer to Value Mapping: Plant (Maintenance Plant = Yes)

The data from legacy system excludes:

1. Measuring point without active Measurement Document (IMRG-POINT) created within the last 1 year (IMRG-ERDAT)
    a. Active means without reversal indicator checked (IMRG-CANCL)
2. Measuring Points which are inactive (IMPTT-INACT="X")

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

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
DCT	Measuring Points will be collected via DCT. An initial extract of the relevant Measurement Documents will be provided in google sheet format to assist business in decision making on including any relevant Measuring Points from PF2 and WP2 as Measuring Points in S/4 HANA. Any additional Measuring Points that need to be created to support the new design may be added in the DCT. Please see an indication of what will be baselined from source systems below and what will be constructed in the DCT. Note: The decision to implement DCT only for Measuring Point and Measurement Document was based on the current business usage in SAP. The business has primarily been collecting relevant data outside of SAP. Additionally, it is not part of the current business process to create these Measuring Points and Measurement Documents in the system. Given that these two objects are not actively utilized and there are only a handful of Counter Based Maintenance Plans involved, the effort required to build the ETL process would not be justified at this time.	3,000	S/4HANA	3,000
DCT	Measuring points for plants which do not have data existing from WP2 and PF2	TBD	S/4HANA	TBD

Additional Information

Multi-language Requirement

Measuring point object does not have multi language support. Description will be made available in the language required by the respective plant using EN logon.

Document Management

Not Applicable

Legal Requirement

Not Applicable

Special Requirements

Not Applicable

Target Design

The technical design of the target for this conversion approach.

1. Measuring Point (Main)

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
IMPTT	POINT	IMRC_POINT	Measuring Point	CHAR	12	System Generated
IMPTT	MPOTY	IMRC_MPOTY	Measuring Point Object	CHAR	3	Mandatory
EQUI	EQUNR	EQUNR	Equipment Number	CHAR	18	Conditional
IFLOT	TPLNR	TPLNR	Functional Location	CHAR	30	Conditional
IMPTT	MPTYP	IMRC_MPTYP	Measuring Point Category	CHAR	1	Mandatory
IMPTT	INDCT	IMRC_INDCT	Counter (Yes/No Indicator)	CHAR	1	Conditional
IMPTT	PSORT	IMRC_PSORT	Position (Measuring Point Position)	CHAR	20	Mandatory
IMPTT	PTTXT	IMRC_PTTXT	Measuring Point Description	CHAR	40	Mandatory
CABN	ATNAM	ATNAM	Characteristic Name (Link to Class/Char)	CHAR	30	Mandatory
IMPTT	DECIM	IMRC_DECIM	Number of Decimal Places	INT	5	Mandatory
IMPTT	CODGR	IMRC_CODGR	Code Group	CHAR	8	Conditional
IMPTT	MRMAX	IMRC_MRMAX	Upper Measurement Range Limit in Measurement Range Unit	CHAR	22	Conditional
IMPTT	MRMIN	IMRC_MRMIN	Lower Measurement Range Limit in Measurement Range Unit	CHAR	22	Conditional

IMPTT	CJUMC	IMRC_CJUMP	Counter Over Reading	FLTP	16	Conditional
IMPTT	PYEAC	IMRC_PYEAR	Annual Counter Reading	FLTP	16	Conditional
IMPTT	DESIR	IMRC_DESIR	Measuring Point Target Value	CHAR	22	Conditional
IMPTT	CDSUF	IMRC_CDSUF	Indicator: Valuation Code Sufficient for Measurmnt. Document	CHAR	1	Conditional

2. Measuring Point (Characteristics Values Header)

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
KLAH	KLART	KLASSENART	Class Type	CHAR	3	Mandatory
INOB	OBTAB	TABELLE	Name of Database Table for Object	CHAR	30	Mandatory
KLAH	CLASS	KLASSE_D	Class number	CHAR	18	Mandatory
IMPTT	POINT	IMRC_POINT	Measuring Point	CHAR	12	Mandatory (Key to link to Measuring Point)
KLAH	STATU	KLSTATUS	Class Status	CHAR	1	Mandatory

3. Measuring Point (Characteristics Values Allocation)

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
KLAH	KLART	KLASSENART	Class Type	CHAR	3	Mandatory
INOB	OBTAB	TABELLE	Name of Database Table for Object	CHAR	30	Mandatory
KLAH	CLASS	KLASSE_D	Class number	CHAR	18	Mandatory
IMPTT	POINT	IMRC_POINT	Measuring Point	CHAR	12	Mandatory (Key to link to Measuring Point)
CABN	ATNAM	ATNAM	Characteristic Name	CHAR	30	Mandatory
AUSP	ATWRT	ATWRT	Characteristic Value	CHAR	30	Mandatory
AUSP	POSNR	KPOSNR	Item Number	CHAR	3	Mandatory

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

Data Cleansing

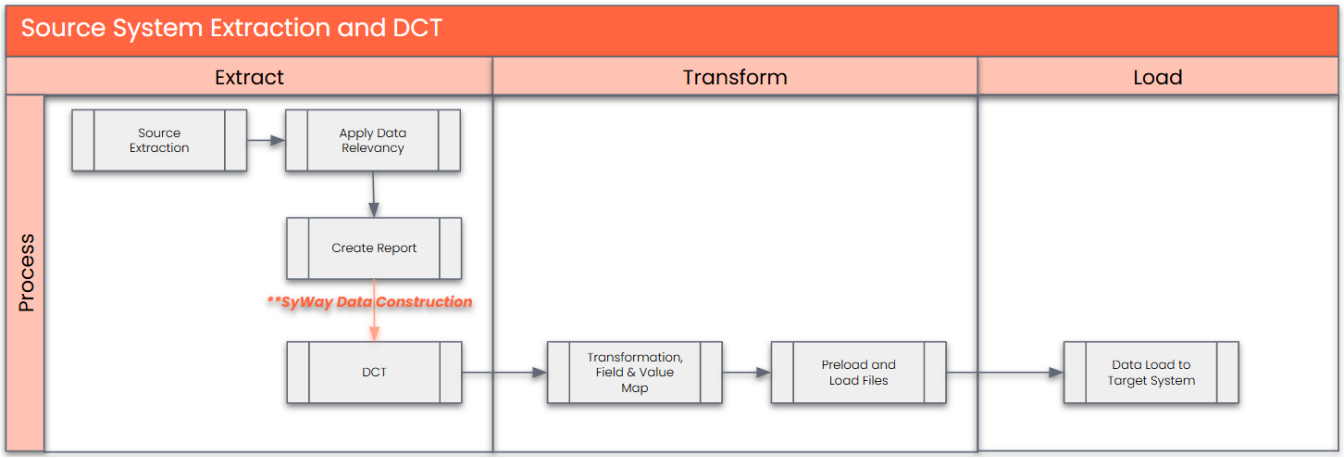
ID	Criticality	Error Message /Report Description	Rule	Output	Source System
1012-001	C3	Info Report: Duplicate Measuring Point by same Technical Object, Position	Measuring Point as per Relevancy Criteria where there is more than one Measuring Point with the same combination of: a) FL Measuring Point = FL + Position b) EQ Measuring Point = EQ + Position	Measuring Point, Description, Plant, FL, EQ, Position	PF2, WP2
1012-002	C3	Info Report: Measuring Point which with latest Measurement Document that is older than 1 year	Retrieve the latest active Measurement Document of the Measuring Point and list down all the Measuring points where the Measurement Document is older than 1 year. These Measuring Points will not be loaded unless there is an active measurement document within 1 year	Measuring Point, Description, Plant, FL, EQ, Measurement Document, Measurement Document Date	PF2, WP2

Note:

1. Where the Plant is required in the output, retrieve the maintenance plant of the linked object:
    a. Functional Location (IFLOT-IWERK)
    b. Equipment (EQUI-IWERK)
2. List of Cleansing is maintained here: Conversion Specs Register (DCT & Cleansing Report).

Conversion Process

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



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

- For sites not on SAP-PF2 or WP2 systems
- For Measuring Points 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 ADMM. 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 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 Measuring Point data with exception of some fields which require transformation as mentioned in the transformation rule.

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. Measuring Point Data Construction Rules

Field Name	Field Description	Rule
ZLEGACYPOINT	Legacy Measuring Point Number	Mandatory Staging identifier used to uniquely define a Measuring Point.
MPOTY	Measuring Point Object	Mandatory Allowed values: IEQ: Equipment IFL: Functional Location
POINT_OBJECT	Measuring Point Technical Object	Mandatory If Measuring Point Object = IEQ, enter legacy Equipment For non WP2/PF2, value must exist in Equipment DCT If Measuring Point Object = IFL, for WP2/PF2, enter legacy FL If Measuring Point Object = IFL, for non WP2/PF2, enter Category A Functional Location that does not have status "Maintenance Not Allowed" For non WP2/PF2, value must exist in Functional Location DCT
INDCT	Counter (Yes/No Indicator)	Conditional Checkbox X = Yes Blank = No
PSORT	Position (Measuring Point Position)	Mandatory Measuring Position for the given Technical Object shall be always Unique.
PTTXT	Measuring Point Description	Mandatory Follow convention: Characteristic Description + Asset Tag.
ATNAM	Characteristic Name	Mandatory Allowed values: 1. Characteristic assigned to Char Group MP_GNRL - Asset Parameter General 2. Must exist in Characteristics DCT
CODGR	Code Group	Conditional A Code Group with Naming convention U-XX-XX created for Catalog "3" - Usage Decision shall be used, must exist in Code Group DCT.
MRMAX	Upper Measurement Range Limit in Measurement Range Unit	Conditional Only numeric values allowed. Updated only if Counter is not checked.
MRMIN	Lower Measurement Range Limit in Measurement Range Unit	Conditional Only numeric values allowed. Updated only if Counter is not checked.

CJUMC	Counter Over Reading	Conditional Updated if Counter is checked. Leave blank if Counter is not checked.
PYEAC	Annual Counter Reading	Conditional Updated if Counter is checked. Leave blank if Counter is not checked. Annual counter cannot be more than 8760 Hr or 365 Days or 1 Year based on the unit of the characterisrics.
DESIR	Measuring Point Target Value	Conditional Only numeric values allowed. Updated if Counter is not checked. Leave blank if Counter is checked.
CDSUF	Indicator: Valuation Code Sufficient for Measurmnt. Document	Conditional Checkbox X = Yes Blank = No Can be updated only if Code Group is populated. Must be blank if Code Group is empty.
CHAR_DISCRETE_TO_ASSET	Discrete to the Asset Characteristic	Mandatory Allowed values: Yes/No Note: If blank, will be defaulted to "No"

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 ADMM 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 ADMM
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 – Measuring Point	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. Measuring Point (Main) - DCT

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	DCT	-	ZLEGACYPOINT	Legacy Measuring Point Number	-	-	-	-	Key for Measuring Point Load
2	DCT	IMPTT	MPOTY	Measuring Point Object	S/4 HANA	IMPTT	MPOTY	Measuring Point Object	If target IMPTT.EQUNR has value, then “IEQ” If target IMPTT.TPLNR has value, then “IFL”
3	DCT	-	POINT_OBJECT	Measuring Point Technical Object	S/4 HANA	IMPTT	EQUNR	Equipment Number	Value Mapping: Equipment Number where MPOTY= "IEQ" Note: There is possibility that the legacy Functional Location is migrating to S/4 HANA Equipment. If that is the case: Value Mapping: Equipment Number where MPOTY= "IFL"
4	DCT	-	POINT_OBJECT	Measuring Point Technical Object	S/4 HANA	IMPTT	TPLNR	Functional Location	Value Mapping: Functional Location where MPOTY= "IFL" Note: There is possibility that the legacy Functional Location is migrating to S/4 HANA Equipment. This is indicated by the field "New Technical Object" in the Mapping Table. In this case, ensure that the transformation is performed from Functional Location to Equipment for IMPTT-EQUNR
5	DCT	IMPTT	MPTYP	Measuring Point Category	S/4 HANA	IMPTT	MPTYP	Measuring Point Category	Default to "M"
6	DCT	IMPTT	INDCT	Counter (Yes /No Indicator)	S/4 HANA	IMPTT	INDCT	Counter (Yes /No Indicator)	Direct Mapping
7	DCT	IMPTT	PSORT	Position (Measuring Point Position)	S/4 HANA	IMPTT	PSORT	Position (Measuring Point Position)	Direct Mapping
8	DCT	IMPTT	PTTXT	Measuring Point Description	S/4 HANA	IMPTT	PTTXT	Measuring Point Description	Direct Mapping
9	DCT	IMPTT	ATNAM	Characteristic Name (Link to Class/Char)	S/4 HANA	IMPTT	ATNAM	Characteristic Name	Value Mapping: Characteristic A2D
10	DCT	IMPTT	DECIM	Number of Decimal Places	S/4 HANA	IMPTT	DECIM	Number of Decimal Places	Default to "3"
11	DCT	IMPTT	CODGR	Code Group	S/4 HANA	IMPTT	CODGR	Code Group	Direct Mapping
12	DCT	IMPTT	MRMAX	Upper Measurement Range Limit in Measurement Range Unit	S/4 HANA	IMPTT	MRMAX	Upper Measurement Range Limit in Measurement Range Unit	Direct Mapping
13	DCT	IMPTT	MRMIN	Lower Measurement Range Limit in Measurement Range Unit	S/4 HANA	IMPTT	MRMIN	Lower Measurement Range Limit in Measurement Range Unit	Direct Mapping
14	DCT	IMPTT	CJUMC	Counter Over Reading	S/4 HANA	IMPTT	CJUMC	Counter Over Reading	Direct Mapping
15	DCT	IMPTT	PYEAC	Annual Counter Reading	S/4 HANA	IMPTT	PYEAC	Annual Counter Reading	Direct Mapping
16	DCT	IMPTT	DESIR	Measuring Point Target Value	S/4 HANA	IMPTT	DESIR	Measuring Point Target Value	Direct Mapping
17	DCT	IMPTT	CDSUF	Indicator: Valuation Code Sufficient for Measurmnt. Document	S/4 HANA	IMPTT	CDSUF	Indicator: Valuation Code Sufficient for Measurmnt. Document	Direct Mapping

2. Measuring Point (Characteristics Values 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	KLAH	KLART	Class Type	Default to "037"

2	-	-	-	-	S/4 HANA	INOB	OBTAB	Name of Database Table for Object	Default to "IMPTT"
3	-	-	-	-	S/4 HANA	KLAH	CLASS	Class number	Default to "EAM_9999"
4	DCT	-	ZLEGACYPOINT	Legacy Measuring Point Number	S/4 HANA	IMPTT	POINT	Measuring Point	Value Mapping: Measuring Point
5	-	-	-	-	S/4 HANA	KLAH	STATU	Class Status	Default to "1"

3. Measuring Point (Characteristics Values Allocation) - DCT

(A_DISCRETE_TO_ASSET)

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	-	-	-	-	S/4 HANA	KLAH	KLART	Class Type	Default to "037"
2	-	-	-	-	S/4 HANA	INOB	OBTAB	Name of Database Table for Object	Default to "IMPTT"
3	-	-	-	-	S/4 HANA	KLAH	CLASS	Class number	Default to "EAM_9999"
4	DCT	-	ZLEGACYPOINT	Legacy Measuring Point Number	S/4 HANA	IMPTT	POINT	Measuring Point	Value Mapping: Measuring Point
5	-	-	-	-	S/4 HANA	CABN	ATNAM	Characteristic Name	Value Mapping: A2D Characteristics based on value A_DISCRETE_TO_ASSET
6	DCT	-	CHAR_DISCRETE_TO_ASSET	Discrete to the Asset Characteristic	S/4 HANA	AUSP	ATWRT	Characteristic Value	Direct Mapping If Blank, default to "No"
7	-	-	-		S/4 HANA	AUSP	POSNR	Item Number	Default to "001"

UNION

(A_ALLOWED_CT)

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	-	-	-	-	S/4 HANA	KLAH	KLART	Class Type	Default to "037"
2	-	-	-	-	S/4 HANA	INOB	OBTAB	Name of Database Table for Object	Default to "IMPTT"
3	-	-	-	-	S/4 HANA	KLAH	CLASS	Class number	Default to "EAM_9999"
4	DCT	-	ZLEGACYPOINT	Legacy Measuring Point Number	S/4 HANA	IMPTT	POINT	Measuring Point	Value Mapping: Measuring Point
5	-	-	-	-	S/4 HANA	CABN	ATNAM	Characteristic Name	Value Mapping: A2D Characteristics based on value A_ALLOWED_CT
6	-	-	-	-	S/4 HANA	AUSP	ATWRT	Characteristic Value	If CHAR_DISCRETE_TO_ASSET = "Yes", then leave blank If CHAR_DISCRETE_TO_ASSET = "No" or blank, then derive value from Construction Type field (EQUI-SUBMT or IFLOT-SUBMT) of POINT_OBJECT.
7	-	-	-		S/4 HANA	AUSP	POSNR	Item Number	Default to "001"

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

Transformation Mapping

Mapping Table Name	Mapping Table Description
Plant	Old Plant to New Plant
Characteristic A2D	Old to New Characteristic A2D
Measuring Point	Legacy Measuring Point XREF mapping table Note: New Measuring Point available post Load of Data
Catalog Code Group and Code	Mapping of legacy Catalog Code Group and Code to S/4 HANA Catalog Code Group and Code
Equipment Number	Mapping of legacy Equipment to new Equipment

Functional Location	Mapping of legacy Functional Location to new Functional Location

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	Data team to verify that the total number of relevant records from the source systems is equal to the total number of records in the Preload and Load Sheets.

Accuracy

Task	Action
Conversion Accuracy	Data team to verify that all fields below meet pass the checks: 1. Mandatory Fields 2. Field and Value Mapping Correctness 3. Null Checks 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 team to verify that the total number of relevant records from the source systems is equal to the total number of records in the Preload and Load Sheets.

Accuracy

Task	Action
Conversion Accuracy	Business to verify that all the data in the load table/file is accurate as per endorsed transformation/mapping rules (and signed-off 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 reupload 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 1012 - Measuring Point

Pre-Cutover: 1012a - Measuring Point Characteristics Assignment

Note: A separate load program may need to be created for 1012a if this becomes 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	T370P-Measuring Point Category
2	TCLA-Class Types
3	T370O-Measuring Point Object

Conversion Objects

Object #	Preceding Object Conversion Approach
1003	Functional Location
1002	Equipment
1009	Class
1015	Characteristics
1007	Catalog Code and Code Group
1010	PM Assembly / Construction Type

Error Handling

Error Type	Error Description	Action Taken

Configuration	Invalid Measuring Point Category	Engage Functional team to expedite and fix the error in the system
Configuration	Invalid Measuring Point Class Type	Engage Functional team to expedite and fix the error in the system
Configuration	Invalid Measuring Point Object	Engage Functional team to expedite and fix the error in the system
Invalid Data	Invalid Functional Location	Expedite whether the master data is available in the system
Invalid Data	Invalid Equipment	Expedite whether the master data is available in the system
Invalid Data	Invalid Class	Expedite whether the master data is available in the system
Invalid Data	Invalid Characteristics	Expedite whether the master data is available in the system
Invalid Data	Invalid Catalog Code and Code Group	Expedite whether the master data is available in the system
Invalid Data	Invalid Construction Type	Expedite whether the master data is available in the system

Post-Load Validation

Project Team

Completeness

Task	Action
Verify Count	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	Data team to verify that the Measuring Point 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 Measuring Point 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.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 129)	**Apr 06, 2026 15:52**	**PUN-ext, Eddy**	CR0438 - Active (JEST-INAC <> 'X')
v. 128	Feb 12, 2026 11:24	**PUN-ext, Eddy**	
v. 127	Jan 22, 2026 09:57	**PUN-ext, Eddy**	
v. 126	Jan 21, 2026 12:55	**PUN-ext, Eddy**	
v. 125	Jan 13, 2026 15:16	**PUN-ext, Eddy**	
v. 124	Dec 12, 2025 14:06	**PUN-ext, Eddy**	
v. 123	Dec 12, 2025 14:00	**PUN-ext, Eddy**	
v. 122	Dec 10, 2025 15:11	**PUN-ext, Eddy**	
v. 121	Dec 10, 2025 15:10	**PUN-ext, Eddy**	
v. 120	Dec 10, 2025 15:09	**PUN-ext, Eddy**	

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 7:37 am (State override) *[PMO Comments] Conversion Spec completed as per CS register and functional review completed*	v129
Lead Approval	TAN-ext, Charmaine	State	gave *Minor change* approval at 7:37 am *[PMO Comments] Conversion Spec completed as per CS register and functional review completed*	
Apr 15, 2026				
	MOUSSA-ext, Eva	State	changed expiry date to '22 Apr, 2026 12:04 am' at 12:04 am	

		State	changed state to Lead Approval at 12:04 am	v129
Tech Review	MOUSSA-ext, Eva	State	gave *Syniti Team Review* approval at 12:04 am *v. 129 CR0438 approved*	
		State	changed expiry date to '20 Apr, 2026 12:04 am' at 12:04 am	
		State	changed state to Tech Review at 12:04 am	v129
Pending adjustment	MOUSSA-ext, Eva	State	changed state to Pending adjustment at 12:04 am	v129