

# Management of long term declarations in GTS

Status	Approved
Owner	PUN-ext, Eddy
Stakeholders	

## Purpose

The purpose of this document is to define the conversion approach to load Maintenance Plan Start in order to Start the Maintenance Plans in S/4 HANA.

The purpose of the Maintenance Plan Start is to initiate the creation of Work Orders based on the criteria specified in the Maintenance Plans.

Maintenance Plans for Syensqo are defined with the purpose of:

- Preventive Plans - Used for Time Based and Condition based Preventive Maintenance with a defined Strategy
- Shutdown Plans - Shutdown Plans with a Defined Strategy

## Conversion Scope

The conversion scope covers the approach for loading Maintenance Plan Start in S/4 HANA system.

The data from legacy system includes:

1. All relevant Maintenance Plans (MPLA.WARPL)

The data from legacy system excludes:

1. Inactive Maintenance Plans ((System Status TJ02T-TXT04 = INAC)
2. Maintenance Plans (MPLA.WARPL) to be Excluded (Exclusion List Mapping: EXC-Maintenance Plan Start) from getting Started

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	Maintenance Plan Start will be collected via DCT. An initial extract of the relevant Maintenance Plan Start will be provided in google sheet format to assist business in decision making on including any relevant Maintenance Plan Start from PF2 and WP2.  Any additional Maintenance Plan Start data that need to be created to support the new design may be added in the DCT.  A review and standardization will be done across all Maintenance Plan Start data in the DCT.			

## Additional Information

### Multi-language Requirement

Not Applicable

### Document Management

Not Applicable

### Legal Requirement

Not Applicable

### Special Requirements

Not Applicable

# Target Design

The technical design of the target for this conversion approach.

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
MPLA	WARPL	WARPL	Maintenance Plan Identifier	CHAR	12	Mandatory
MPLA	STADT	STADT	Start Date for Scheduling	DATS	8	
MPLA	STIME		Start Time for Scheduling	TIMS	6	
MPLA	SZAEH	SZAEHC	Start counter reading	CHAR	22	
MPLA	LRMDT		Date of Last Completion in Maintenance Plan			
MPLA	CONF_TIME		Completion Time of Call			
MPLA	ZYKLOFFSET		Offset with Start in Cycle			Mandatory
MPLA	ZYKLUNIT		Unit for the Performance of Maintenance Tasks			
MPLA	RZAEH		Completion Counter Reading			
MPLA	CYCLESEQIND		Cycle Set Sequence			
MPLA	SETREPEATIND		Repeat Factor for Cycle Set Sequence			
MPLA	KEEP		Keep Calls on Hold (KEEP=X) or Delete Calls on Hold (KEEP= ' ') Default Value			

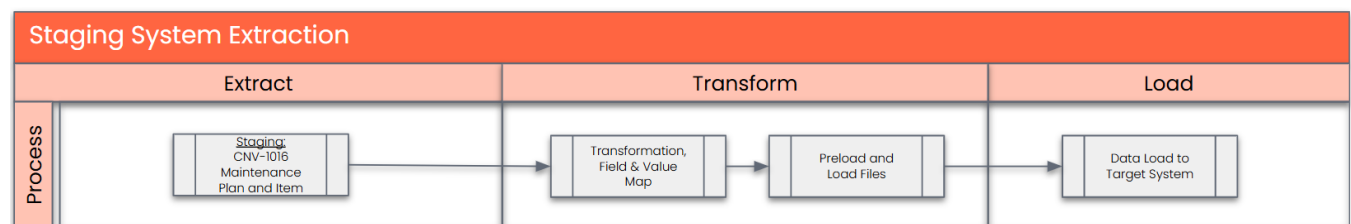
# Data Cleansing

No data cleansing is required for Maintenance Plan Start in the legacy system. If any cleansing is deemed necessary, it will be performed outside of the system.

As a result, the cleansed Maintenance Plan Start data will be populated directly in the Data Collection Template (DCT).

# Conversion Process

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



# Data Privacy and Sensitivity

## Extraction

1. Syniti Migrate connects to the sources.
2. An initial extract of the relevant Maintenance Plan Start data will be loaded into a google sheet report to assist business with any standardization.

## 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

## Data Collection Template (DCT)

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

DCT Rules

Field Name	Field Description	Rule

## Extraction Dependencies

Item #	Step Description	Team Responsible

## 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

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## Transformation Rules

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

## Transformation Mapping

Mapping Table Name	Mapping Table Description
	Exclusion List of Maintenance Plans to be Started

## Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible

## 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 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: <ol style="list-style-type: none"> <li>1. Mandatory Fields</li> <li>2. Field and Value Mapping Correctness</li> <li>3. Null Checks</li> <li>4. Text Length Checks</li> </ol>

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.
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## Business

### Completeness

Task	Action
Verify Record Count	Business Data Owner/s to verify that the total number of relevant records from the 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

## Load Phase and Dependencies

### Configuration

Item #	Configuration Item

### Conversion Objects

Object #	Preceding Object Conversion Approach
	list the exact title of the conversion object of only the immediate predecessor – this will then confirm the DDD (Data Dependency Diagram)

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## Error Handling

Error Type	Error Description	Action Taken

## 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 EAM Maintenance Plant Start 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 EAM Maintenance Plant Start data in target S/4 HANA were loaded correctly via dspMigrate post load reports or standard reports from S/4 HANA.

## Key Assumptions

- Maintenance Plant Start is in scope based on data design and any exception requested by business.

## See also

## Change log

Version	Published	Changed By	Comment
<b>CURRENT (v. 14)</b>	<b>Apr 13, 2026 08:30</b>	<b>PUN-ext, Eddy</b>	CR0438 - Active (JEST-INAC <> 'X')
v. 101	Apr 13, 2026 08:03	PUN-ext, Eddy	
v. 100	Apr 07, 2026 10:20	PUN-ext, Eddy	
v. 99	Apr 07, 2026 10:18	PUN-ext, Eddy	
v. 98	Mar 03, 2026 12:18	ERGUIZA-ext, Pinky Love	
v. 97	Feb 19, 2026 11:00	PUN-ext, Eddy	
v. 96	Feb 19, 2026 10:57	PUN-ext, Eddy	
v. 95	Feb 19, 2026 10:55	PUN-ext, Eddy	
v. 94	Feb 19, 2026 10:50	PUN-ext, Eddy	
v. 93	Jan 28, 2026 15:13	PUN-ext, Eddy	

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