

SAP WP1 ZMAT Material Master Maintenance

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Purpose

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

A Notification is a structured record in SAP PM used to report, track, and manage maintenance issues or requests.

It acts as the starting point for most maintenance processes, ensuring that problems, inspections, or service requests are documented and communicated.

Legacy Plant Maintenance Notification is using a diverse range of formats across the different systems. As per SyWay design, EAM Notification will be standardized.

Conversion Scope

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

In standard SAP functionality whenever an asset or its component is identified as having suffered a fault or malfunction, a *maintenance notification* is created to report the event and to request maintenance. The appropriate technical object (i.e. functional location or equipment) that represents the asset is referenced on that notification along with the suspected symptom and other information (e.g. priority, short / long description, date, reported by, breakdown indicator, etc.)

In general terms, a notification can be utilised in the following situations:

- Corrective Maintenance work identification - non-breakdown maintenance requests, in-service breakdowns, extra malfunctions uncovered during routine maintenance
- Activity reports during routine maintenance and inspections
- Work order execution and completion - recording of technical data such as failure/cause codes)
- Condition-based / predictive maintenance - creation of notifications when asset reaches an exceptional technical condition (e.g. measurements exceed or fall below a certain tolerance)

Besides capturing maintenance requests and providing a means to track outstanding faults/defects and their current rectification, notifications are also used to capture malfunction and failure data which is crucial for long-term asset reliability analysis.

The data from legacy system includes:

1. All Open Notifications (Source System Status: Outstanding, In Process (TJ02T-TXT04 = **OSNO** or **NOPR**))
2. Assigned to active legacy Functional Location (IFLOT-TPLNR) (Source System Status Not any of these: Inactive, Delete (TJ02T-TXT04 = **INAC** or **DL FL**))
3. Assigned to active legacy Equipment (EQUI-EQUNR) (Source System Status Not any of these: Inactive, In the warehouse, Available (TJ02T-TXT04 = **INAC**, **ESTO** or **AVLB**))
4. Notifications having Maintenance Plant (QMEL-ARBPLWERK) in scope - Refer to Value Mapping: Plant (Maintenance Plant = Yes)
5. Closed Notifications associated to relevant Functional Locations and Equipment for the past 3 years, limited to specific Technical Object Type (listed in **OTH_Technical Object Type_APM**) and specific list of Maintenance Plants only (for APM Historical Data)

The data from legacy system excludes:

1. Notification with Source System Status Notification completed status (TJ02T-TXT04 = **NOCO**)
2. Open Notifications with closed Work Orders (AUFK-AUFNR) (Source System Status: Closed (TJ02T-TXT04 = **CLSD**))

APM - Historical Data

Closed Notifications associated to relevant Functional Locations and Equipment for the past 3 years, limited to specific Technical Object Type (listed in **OTH_Technical Object Type_APM**) and specific list of Maintenance Plants only

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
PF2, WP2	Relevant Measurement Documents will be extracted from PF2 and WP2	110,000	S/4HANA	110,000

Additional Information

Multi-language Requirement

Notification does not have multi language support. Notification text will be migrated using EN logon.

Document Management

Refer to the [Document Management in the SyWay Solution](#).

Note: Documents attached to Notification 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.Notification Header

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
QMEL	QMNUM	QMNUM	Notification Number	CHAR	12	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	QMART	QMART	Notification Type	CHAR	2	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	QMTXT	QMTXT	Short Text	CHAR	40	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	ARTPR	ARTPR	Priority Type	CHAR	2	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	PRIOK	PRIOK	Priority	CHAR	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	ERNAM	ERNAM	Reported By	CHAR	12	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	ERDAT	ERDAT	Date on Which Record Was Created	DATS	8	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	AENAM	AENAM	Name of Person Who Changed Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Conditional
QMEL	AEDAT	AEDAT	Changed On	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMEL	MZEIT	MZEIT	Time of Notification	TIMS	6	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	QMDAT	QMDAT	Date of Notification	DATS	8	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	QMNAM	QMNAM	Name of Person Reporting Notification	CHAR	12	Mandatory	Conditional	Mandatory	Mandatory	Mandatory
QMEL	STRMN	STRMN	Required Start Date	DATS	8	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	STRUR	STRUR	Required Start Time	TIMS	6	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	LTRMN	LTRMN	Required End Date	DATS	8	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	LTRUR	LTRUR	Requested End Time	TIMS	6	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	AUFNR	AUFNR	Order Number	CHAR	12	Conditional	System	Conditional	Conditional	Not used
QMEL	MATNR	MATNR	Material Number	CHAR	18	Not used	Not used	Not used	Mandatory	Not used
QMEL	MATKL	MATKL	Material Group	CHAR	9	Not used	Not used	Not used	Mandatory	Not used
QMEL	OBJNR	QMOBJNR	Object Number for Status Management	CHAR	22	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	RBNR	RBNR	Catalog Profile	CHAR	9	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	RBNRI	RBNRI	Origin of Notifications Catalog Profile	CHAR	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	INDTX	INDLTX	Object Long Text Available	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMEL	KZMLA	KZMLA	Primary language indicator for text segment	CHAR	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	HERKZ	HERKZ	Origin of Notification	CHAR	2	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	BEZDT	BEZDT	Notification Reference Date	DATS	8	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	BEZUR	BEZUR_D	Notification Reference Time	TIMS	6	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	AEZEIT	AEZEIT	Time of Change	TIMS	6	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	ERZEIT	ERZEIT	Time, at Which Record Was Added	TIMS	6	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMEL	QMKAT	QMKAT	Catalog Type - Coding	CHAR	1	Mandatory	System	Mandatory	Mandatory	Mandatory
QMEL	QMGRP	QMGRP	Code Group - Coding	CHAR	8	Mandatory	System	Mandatory	Mandatory	Mandatory
QMEL	QMCOD	QMCOD	Coding	CHAR	4	Mandatory	System	Mandatory	Mandatory	Mandatory
QMEL	CROBJTY	CR_OBJTY	Object types of the CIM resource	CHAR	2	Mandatory	Mandatory	Mandatory	Not used	Not used
QMEL	ARBPL	LGWID	Object ID of the Work Center	NUMC	8	Mandatory	Mandatory	Mandatory	Not used	Not used
QMEL	ARBPLWERK	QARBPOWERKS	Plant for Work Center	CHAR	4	Mandatory	Mandatory	Mandatory	Not used	Not used
QMEL	MGEIN	MGEIN	Unit of Measure	UNIT	3	Not used	Not used	Not used	Mandatory	Not used
QMEL	SERIALNR	GERNR	Serial Number	CHAR	18	Not used	Not used	Not used	Conditional	Not used
QMEL	TZONSO	TZONSO	Time Zone for Notification	CHAR	6	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory

	PSP_NR	PS_POSNR	WBS Element	NUMC	8	Not used	Not used	Mandatory	Not used	Not used
QMEL	PHASE	QM_PHASE	Notification Processing Phase	CHAR	1	Mandatory	Mandatory	Mandatory	Not used	Not used
QMIH	IWERK	IWERK	Maintenance Planning Plant	CHAR	4	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMIH	ILOAN	ILOAN	Location and account assignment for technical object	CHAR	12	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
	ILOAI	ILOAI	ILOA Individual	CHAR	1	Mandatory	Mandatory	Mandatory	Not used	Mandatory
QMIH	EQUINR	EQUINR	Equipment number	CHAR	18	Conditional	Conditional	Conditional	Not used	Conditional
QMIH	BAUTL	BAUTL	Assembly	CHAR	18	Mandatory	Mandatory	Mandatory	Not used	Mandatory
ILOA	TPLNR	TPLNR	Functional Location	CHAR	30	Mandatory				
QMIH	MSAUS	MSAUS	Breakdown Indicator	CHAR	1	Conditional	Not used	Not used	Not used	Not used
QMIH	AUSVN	AUSVN	Start of Malfunction (Date)	DATS	8	Conditional	Not used	Conditional	Not used	Not used
QMIH	AUSBS	AUSBS	End of Malfunction (Date)	DATS	8	Conditional	Not used	Conditional	Not used	Not used
QMIH	AUZTV	AUZTV	Start of Malfunction (Time)	TIMS	6	Conditional	Not used	Conditional	Not used	Not used
QMIH	AUZTB	AUZTB	End of Malfunction (Time)	TIMS	6	Conditional	Not used	Conditional	Not used	Not used
QMIH	AUSZT	AUSZT	Breakdown Duration	FLTP	16(16)	Conditional	Not used	Conditional	Not used	Not used
QMIH	MAUEH	MAUEH	Unit for Breakdown Duration	UNIT	3	Conditional	Not used	Conditional	Not used	Not used
QMIH	AUSWK	AUSWK	Effect on Operation	CHAR	1	Mandatory	Mandatory	Mandatory	Not used	Conditional
QMIH	INGRP	INGRP	Planner Group for Customer Service and Plant Maintenance	CHAR	3	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMIH	WARPL	WARPL	Maintenance Plan	CHAR	12	Not used	Conditional	Not used	Not used	Not used
QMIH	ABNUM	ABNUM	Maintenance Plan Call Number	INT4	10	Not used	Conditional	Not used	Not used	Not used
QMIH	WAPOS	WAPOS	Maintenance item	CHAR	16	Not used	Conditional	Not used	Not used	Not used
QMIH	SCREENTY	SCRTP	Scenario or Subscreen Category	CHAR	4	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMIH	PLNTY	PLNTY	Task List Type	CHAR	1	Not used	Conditional	Not used	Not used	Not used
QMIH	PLNNR	PLNNR	Key for Task List Group	CHAR	8	Not used	Conditional	Not used	Not used	Not used
QMIH	PLNAL	PLNAL	Group Counter	CHAR	2	Not used	Conditional	Not used	Not used	Not used

2.Notification Header Long Text Header

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
STXH	TDOBJECT	TDOBJECT	Texts: application object	CHAR	10	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXH	TDNAME	TDOBJECT	Name	CHAR	70	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXH	TDID	TDID	Text ID	CHAR	4	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXH	TDSPRAS	SPRAS	Language Key	LANG	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory

3.Notification Header Long Text Line

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
STXL	TDOBJECT	TDOBJECT	Texts: application object	CHAR	10	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	TDNAME	TDOBJECT	Name	CHAR	70	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	TDID	TDID	Text ID	CHAR	4	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	TDSPRAS	SPRAS	Language Key	LANG	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	CLUSTD_TAG	TDFORMAT	Tag column	CHAR	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	ROWCOUNT	ROWCOUNT	Row number	NUMC	10	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	TXLINE	TDLINE	Text Line	CHAR	72	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory

4.Notification Item

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
QMFE	QMNUM	QMNUM	Notification Number	CHAR	12	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMFE	FENUM	FELFD	Item Number in Item Record	NUMC	4	Mandatory	Conditional	Conditional	Conditional	Conditional
QMFE	ERNAM	ERNAM	Name of Person who Created the Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Conditional

QMFE	ERDAT	ERDAT	Date on Which Record Was Created	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	AENAM	AENAM	Name of Person Who Changed Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	AEDAT	AEDAT	Changed On	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	FETXT	FETXT	Notification Item Short Text	CHAR	40	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	FEKAT	FEKAT	Catalog Type - Problems /Defects	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	FEGRP	FEGRP	Code Group - Problem	CHAR	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	FECOD	FECOD	Problem or Damage Code	CHAR	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	FEVER	QVERS NR	Version Number	CHAR	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	OTKAT	OTKAT	Catalog Type - Object Parts	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	OTGRP	OTGRP	Code Group - Object Parts	CHAR	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	OTEIL	OTEIL	Part of Object	CHAR	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	OTVER	QVERS NR	Version Number	CHAR	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	BAUTL	BAUTL	Assembly	CHAR	18	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	INDTX	INDLTX	Object Long Text Available	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	KZMLA	KZMLA	Primary language indicator for text segment	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	ERZEIT	ERZEIT	Time, at Which Record Was Added	TIMS	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	AEZEIT	AEZEIT	Time of Change	TIMS	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	ANZFEHLER	QANZFEHL4	Number of Defects Found	INT4	10	Conditional	Conditional	Conditional	Conditional	Conditional
QMFE	AUTKZ	QAUTKZ	Data Record Created with Function 'Create with Copy Model'	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional

Note: Each Notification Header can have many Notification Items

5. Notification Item Long Text Header

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
STXH	TDOBJECT	TDOBJECT	Texts: application object	CHAR	10	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXH	TDNAME	TDOBNAM	Name	CHAR	70	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXH	TDID	TDID	Text ID	CHAR	4	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXH	TDSPRAS	SPRAS	Language Key	LANG	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory

6. Notification Item Long Text Line

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
STXL	TDOBJECT	TDOBJECT	Texts: application object	CHAR	10	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	TDNAME	TDOBNAM	Name	CHAR	70	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	TDID	TDID	Text ID	CHAR	4	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	TDSPRAS	SPRAS	Language Key	LANG	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	CLUSTD_TAG	TDFORMAT	Tag column	CHAR	1	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	ROWCOUNT	ROWCOUNT	Row number	NUMC	10	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
STXL	TXLINE	TDLINE	Text Line	CHAR	72	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory

7. Notification - Causes

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
QMEL	QMNUM	QMNUM	Notification Number	CHAR	12	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMUR	FENUM	FELFD	Item Number in Item Record	NUMC	4	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMUR	URNUM	URNUM	Sequential Number for Cause	NUMC	4	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMUR	ERNAM	ERNAM	Name of Person who Created the Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	ERDAT	ERDAT	Date on Which Record Was Created	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	AENAM	AENAM	Name of Person Who Changed Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	AEDAT	AEDAT	Changed On	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	URTXT	URSTX	Cause Text	CHAR	40	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	URKAT	URKAT	Catalog Type - Causes	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional

QMUR	URGRP	URGRP	Code Group - Causes	CHAR	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	URCOD	URCOD	Cause Code	CHAR	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	URVER	QVERSNR	Version Number	CHAR	6	Conditional	Conditional	Conditional	Conditional	Conditional
	INDTX	INDLTX	Object Long Text Available	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	KZMLA	KZMLA	Primary language indicator for text segment	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	ERZEIT	ERZEIT	Time, at Which Record Was Added	TIMS	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	AEZEIT	AEZEIT	Time of Change	TIMS	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	QURNUM	QURNUM	Sort Number for Cause	NUMC	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMUR	AUTKZ	QAUTKZ	Data Record Created with Function 'Create with Copy Model'	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional

8. Notification - Task

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
QMEL	QMNUM	QMNUM	Notification Number	CHAR	12	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMSM	MANUM	MANUM	Sequential Task Number	NUMC	4	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	MNKAT	MAKAT	Catalog Type - Tasks	CHAR	1	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	MNGRP	MAGRP	Code Group - Tasks	CHAR	8	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	MNCOD	MNCOD	Task Code	CHAR	4	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	MNVER	QVERSNR	Version Number	CHAR	6	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	FOLGEACT	QMFOLACT	Follow-Up Action for Task	CHAR	8	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	FOLACTPROT	QMFOAPROT	Log for Follow-Up Action	CHAR	1	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	MATXT	MATXT	Short Text for Task	CHAR	40	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	ERNAM	ERNAM	Name of Person who Created the Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	ERDAT	ERDAT	Date on Which Record Was Created	DATS	8	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	AENAM	AENAM	Name of Person Who Changed Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	AEDAT	AEDAT	Changed On	DATS	8	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	PSTER	PSTER	Planned Start Date	DATS	8	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	PETER	PETER	Planned finish date	DATS	8	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	OBJNR	QMOBJNR	Object Number for Status Management	CHAR	22	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	INDTX	INDLTX	Object Long Text Available	CHAR	1	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	KZMLA	KZMLA	Primary language indicator for text segment	CHAR	1	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	PSTUR	PSTUR	Planned Start Time for Task	TIMS	6	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	PETUR	PETUR	Planned Finish Time for Task	TIMS	6	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	ERLNAM	QMSMERLNAM	Person Who Completed the Task	CHAR	12	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	ERLDAT	QMSMERLDAT	Date on Which the Task Was Completed	DATS	8	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	ERLZEIT	QMSMERLTIM	Time at Which Task Was Completed	TIMS	6	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	WDV DAT	QMSMWDV DAT	Date on Which Task Was Resubmitted	DATS	8	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	FENUM	FELFD	Item Number in Item Record	NUMC	4	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	URNUM	URNUM	Sequential Number for Cause	NUMC	4	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	ERZEIT	ERZEIT	Time, at Which Record Was Added	TIMS	6	Conditional	Conditional	Conditional	Conditional	Not used

QMSM	AEZEIT	AEZEIT	Time of Change	TIMS	6	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	PARVW	QMSM_PARVW	Function of Person Responsible for Task	CHAR	2	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	PARNR	QMSM_PARNR	Person Responsible for Task (Partner Number)	CHAR	12	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	QSMNUM	QSMNUM	Sort Number for Task	NUMC	4	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	AUTKZ	QAUTKZ	Data Record Created with Function 'Create with Copy Model'	CHAR	1	Conditional	Conditional	Conditional	Conditional	Not used
QMSM	KZACTIONBOX	QNKZACTIONBOX	Created Using Action Box	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
	FUNKTION	QNFUNKTION	Keys for Function in Action Box	CHAR	4	Conditional	Conditional	Conditional	Conditional	Conditional

9. Notification - Activity

Table	Field	Data Element	Field Description	Data Type	Length	Requirement (Notif. Type Y1)	Requirement (Notif. Type Y2)	Requirement (Notif. Type Y3)	Requirement (Notif. Type Y4)	Requirement (Notif. Type Y5)
QMEL	QMNUM	QMNUM	Notification Number	CHAR	12	Mandatory	Mandatory	Mandatory	Mandatory	Mandatory
QMMA	MANUM	AKNUM	Consecutive Number of Activity	NUMC	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	FENUM	FELFD	Item Number in Item Record	NUMC	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	URNUM	URNUM	Sequential Number for Cause	NUMC	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	MNKAT	MFKAT	Catalog Type - Activities	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	MNGRP	MFGRP	Code Group - Activities	CHAR	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	MNCOD	MFCOD	Activity Code	CHAR	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	MNVER	QVERSNR	Version Number	CHAR	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	MATXT	MFTEXT	Activity Text	CHAR	40	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	ERNAM	ERNAM	Name of Person who Created the Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	ERDAT	ERDAT	Date on Which Record Was Created	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	AENAM	AENAM	Name of Person Who Changed Object	CHAR	12	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	AEDAT	AEDAT	Changed On	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	MAKLS	MAKLS	Task Class	CHAR	18	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	KLAKZ	KLAKZ	Indicator: Classification exists	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	PSTER	PSTERMA	Start Date	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	PETER	PETERMA	End Date	DATS	8	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	INDTX	INDLTX	Object Long Text Available	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	KZMLA	KZMLA	Primary language indicator for text segment	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	PSTUR	PSTURMA	Start Time of Activity	TIMS	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	PETUR	PETURMA	End Time of Activity	TIMS	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	ERZEIT	ERZEIT	Time, at Which Record Was Added	TIMS	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	AEZEIT	AEZEIT	Time of Change	TIMS	6	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	QMANUM	QMANUM	Sort Number for Activity	NUMC	4	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	AUTKZ	QAUTKZ	Data Record Created with Function 'Create with Copy Model'	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	KZACTIONBOX	QNKZACTIONBOX	Created Using Action Box	CHAR	1	Conditional	Conditional	Conditional	Conditional	Conditional
QMMA	FUNKTION	QNFUNKTION	Keys for Function in Action Box	CHAR	4	Conditional	Conditional	Conditional	Conditional	Conditional

Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System
9004-001	C1	Notification with assigned Functional Location which is not Relevant (as per Relevancy Criteria)	Notification as per Relevancy Criteria assigned with an Equipment / Functional which does not belong below: 1. Functional Location as per Relevancy Criteria	Notification Number, Short Text, Plant for Work Centre, Functional Location	PF2, WP2
9004-002	C1	Notification with assigned Equipment which is not Relevant (as per Relevancy Criteria)	Notification as per Relevancy Criteria assigned with an Equipment / Functional which does not belong below: 1. Equipment as per Relevancy Criteria	Notification Number, Short Text, Plant for Work Centre, Equipment	PF2, WP2
9004-003	C1	Catalog Code Groups: Invalid or Inactive Catalog Code Groups & Code linked to Notification	Notification as per Relevancy Criteria assigned with a Catalog Code Groups & Code does not belong below: 1. Catalog Code Groups & Code as per Relevancy Criteria	Notification Number, Short Text, Plant for Work Centre, Catalog Code Groups & Code	PF2, WP2
9004-004	C1	Maintenance Item: Invalid or Inactive Maintenance Item linked to Notification	Notification as per Relevancy Criteria assigned with a Maintenance Plan and Item does not belong below: 1. Maintenance Plan and Item as per Relevancy Criteria	Notification Number, Short Text, Plant for Work Centre, Maintenance Item	PF2, WP2
9004-005	C1	Revision: Invalid or Inactive Revision linked to Notification	Notification as per Relevancy Criteria assigned with a Revision does not belong below: 1. Revision as per Relevancy Criteria	Notification Number, Short Text, Plant for Work Centre, Revision	PF2, WP2
9004-006	C1	Work Centre: Invalid or Inactive Work Centre linked to Notification	Notification as per Relevancy Criteria assigned with a Work Centre does not belong below: 1. Work Centre as per Relevancy Criteria	Notification Number, Short Text, Plant for Work Centre, Work Centre	PF2, WP2
9004-007	C2	Notification Creation Date: Open Notifications older than 3 months with No Work Order Assigned	Open Notifications older than 3 months with No Work Order Assigned (Status ORAS = Work Order Assigned)	Notification Number, Short Text, Plant for Work Centre, Notification Creation Date	PF2, WP2
9004-008	C1	Plant: Notification Plant incorrect	Notification as per Relevancy Criteria with Invalid Plant (T001W)	Notification Number, Short Text, Plant for Work Centre	PF2, WP2
9004-009	C1	Planner Group: Invalid or no Planner Group linked to Notification	Notification as per Relevancy Criteria with no Planner Group Assigned or Invalid Planner Group (T0241)	Notification Number, Short Text, Plant for Work Centre, Planner Group	PF2, WP2
9004-010	C2	Description: Notification contains Thai characters	Notification Description with Thai characters	Notification Number, Short Text, Plant for Work Centre	PF2, WP2
9004-011	C1	Notification with assembly only	Notification with assembly without Functional Location / Equipment	Notification Number, Short Text, Plant for Work Centre, Assembly	PF2, WP2
9004-012	C1	Notification for non asset level in legacy system	Notification assigned to non asset level Functional Location	Notification Number, Short Text, Plant for Work Centre, Functional Location	PF2, WP2
9004-013	C2	Notification Short Text contain informal word	Notification Short Text contain informal word	Notification Number, Short Text, Plant for Work Centre	PF2, WP2

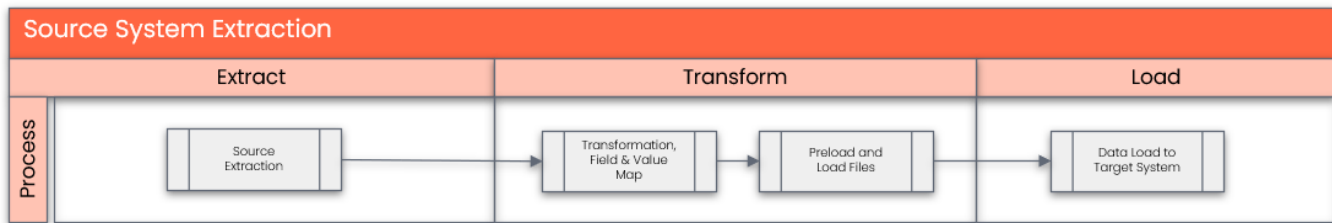
Note: List of Cleansing is maintained here: [Conversion Specs Register \(DCT & Cleansing Report\)](#)

Informal Words **

Group 1	Group 2	Group 3	Group 4	Group 5
*DNU	Delete	donot	Formerly	Old #
..	Deletion	DONT USE	From	Old[]
/	DELISTED	DON'T USE	Incorrect	PLEASE USE
?	Discontinued	Dup Use	Invalid	Pls Use
@	Disposable	DUPLICATE	New	Previously
^	DNU	-DUPLICATE	NOT ACTIVE	Replace
+	Do Not	DUPLICATION	not in use	Replaced
++	Do Not Re	Duplicidad	Not Used	RESERVED
£	Do Not Sell	Duplikat	NOT VALID	Retired
Defective	Do Not Use	Former	Obsolete	ZZDEL

Conversion Process

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



For sites that are not on SAP-PF2 and WP2 systems, collection will be done manually in the data collection template.

Data Privacy and Sensitivity

Extraction

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

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

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

Extraction Run Sheet

Req #	Requirement Description	Team Responsible
1	Extract data from source system based on relevancy rule	SyWay Data Team

Selection Screen

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

Data Collection Template (DCT)

No DCT will be used for Notification.

Notification DCT Rules

Field Name	Field Description	Rule
Not applicable		

Extraction Dependencies

Item #	Step Description	Team Responsible
1	Relevancy Criteria for Catalog Profile	SyWay A2D Data Team
2	Relevancy Criteria for Catalog Code Groups & Codes	SyWay A2D Data Team
3	Relevancy Criteria for Characteristics	SyWay A2D Data Team
4	Relevancy Criteria for Class	SyWay A2D Data Team
5	Relevancy Criteria for Construction Type	SyWay A2D Data Team
6	Relevancy Criteria for Equipment	SyWay A2D Data Team
7	Relevancy Criteria for Functional Location	SyWay A2D Data Team

8	Relevancy Criteria for Maintenance Plan and Item	SyWay A2D Data Team
9	Relevancy Criteria for Revision	SyWay A2D Data Team
10	Relevancy Criteria for Task List	SyWay A2D Data Team
11	Relevancy Criteria for Work Centre	SyWay A2D Data Team

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 Advanced Data Migration and Management (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 – Notification	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.Notification Header Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	PF2, WP2	QMEL	QMNUM	Notification Number	S/4 HANA	QMEL	QMNUM	Notification Number	System (Internal numbering).
2	PF2, WP2	QMEL	AUFNR	Order Number	S/4 HANA	QMEL	AUFNR	Order Number	Value Mapping: Work Order
3	PF2, WP2	QMEL	QMART	Notification Type	S/4 HANA	QMEL	QMART	Notification Type	Value Mapping: Notification Type
4	PF2, WP2	QMEL	QMTXT	Short Text	S/4 HANA	QMEL	QMTXT	Short Text	Direct Mapping. Only if notification does not exist for PM01 Work Order, default to: Work Order Description
5	PF2, WP2	QMEL	EQU NR	Equipment Number	S/4 HANA	QMEL	EQU NR	Equipment Number	If not blank then Value Mapping: Equipment Number If blank or cannot be mapped, and if linked to Work Order, then use Work Order value.
6	PF2, WP2	QMEL	TPLNR	Functional Location	S/4 HANA	IFLO	TPLNR	Functional Location Label	Default to blank if Equipment is not blank. If not blank then Value Mapping: Functional Location. If blank or cannot be mapped, and if linked to Work Order, then use Work Order value.
7	PF2, WP2	QMIH	INGRP	Planner Group	S/4 HANA	VIQML	INGRP	Planner Group	Value Mapping: Planner Group If blank or cannot be mapped, and if linked to Work Order, then use Work Order value.
8	PF2, WP2	CRHD	ARBPL	Work Centre	S/4 HANA	CRHD	ARBPL	Work Centre	Value Mapping: Work Centre
9	PF2, WP2	CRHD	WERKS	Work Centre plant	S/4 HANA	CRHD	WERKS	Work Centre plant	Value Mapping: Plant (Maintenance Plant = Yes)
10	PF2, WP2	QMEL	QMDAT	Notification Date	S/4 HANA	QMEL	QMDAT	Notification Date	Direct Mapping. If notification does not exist for PM01 Work Order, default to: Work Order Basic Start Date
11	PF2, WP2	QMEL	MZEIT	Notification Time	S/4 HANA	QMEL	MZEIT	Notification Time	Direct Mapping. Only if notification does not exist for PM01 Work Order, default to: 00:00:00
12	PF2, WP2	QMEL	ERNAM	Reported By	S/4 HANA	QMEL	ERNAM	Reported By	Direct Mapping. Only if notification does not exist for PM01 Work Order, default to: Migration User ID (Name)

13	PF2, WP2	QMEL	STRMN	Required Start Date	S/4 HANA	QMEL	STRMN	Required Start Date	If STRMN is blank, and if linked to Work Order, then use Work Order value for both start and end date If End Date is earlier than Start Date, then default both Start and End Date from Work Order. If Start Date is before 2 years prior to go live date, then default both Start and End Date from Work Order.
14	PF2, WP2	QMEL	LTRMN	Required End Date	S/4 HANA	QMEL	LTRMN	Required End Date	If LTRMN is blank, and if linked to Work Order, then use Work Order value for both start and end date If End Date is earlier than Start Date, then default both Start and End Date from Work Order If End Date is before 2 years prior to go live date, then default both Start and End Date from Work Order. If LTRMN is blank and not linked to Work Order, copy Start Date into End Date. Validation Rule: End Date cannot be earlier than start date
15	PF2, WP2	QMEL	PRIOK	Priority	S/4 HANA	QMEL	PRIOK	Priority	Value Mapping: Priority Only if notification does not exist for PM01 Work Order, default to: Low
16	PF2, WP2	QMEL	QMGRP	Code Group	S/4 HANA	QMEL	QMGRP	Code Group	Direct Mapping.
17	PF2, WP2	QMEL	QMCOD	Coding	S/4 HANA	QMEL	QMCOD	Coding	Direct Mapping.
18	PF2, WP2	QMEL	RBNR	Catalog Profile	S/4 HANA	QMEL	RBNR	Catalog Profile	Derive from Functional Location
19	-	-	-	-				Issue Permit	If Notification is assigned to Work Order then default to "X".
20	PF2, WP2	QMIH	ILART	Maintenance Activity Type	S/4 HANA	QMIH	ILART	Maintenance Activity Type	Derive from AFIH-ILART
21	PF2, WP2	QMIH	MSAUS	Breakdown Indicator	S/4 HANA	QMIH	MSAUS	Breakdown Indicator	Direct Mapping.
22	PF2, WP2	QMIH	AUSVN	Malfunct. Start Date	S/4 HANA	QMIH	AUSVN	Malfunct. Start Date	Direct Mapping.
23	PF2, WP2	QMIH	AUZTV	Malfunct. Start Time	S/4 HANA	QMIH	AUZTV	Malfunct. Start Time	Direct Mapping.
24	PF2, WP2	QMIH	AUSBS	Malfunct. End Date	S/4 HANA	QMIH	AUSBS	Malfunct. End Date	Direct Mapping.
25	PF2, WP2	QMIH	AUZTB	Malfunct. End Time	S/4 HANA	QMIH	AUZTB	Malfunct. End Time	Direct Mapping.
26	PF2, WP2	QMIH	AUSZT	Breakdown Duration	S/4 HANA	QMIH	AUSZT	Breakdown Duration	Direct Mapping.
27	PF2, WP2	QMIH	MAUEH	Breakdown Unit	S/4 HANA	QMIH	MAUEH	Breakdown Unit	Direct Mapping.

2.Notification Header Long Text Header Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	-	-	-	-	S/4HANA	STXH	TDOBJECT	Texts: application object	Default to "QMEL"
2	PF2, WP2	QMEL	QMNUM	Notification Number	S/4HANA	STXH	TDNAME	Name	Value Mapping: Notification
3	-	-	-	-	S/4HANA	STXH	TDID	Text ID	Default to 'LTXT'
4	PF2, WP2	STXH	SPRAS	Language Key	S/4HANA	STXH	SPRAS	Language Key	Direct Mapping

3.Notification Header Long Text Line Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	-	-	-	-	S/4HANA	STXL	TDOBJECT	Texts: application object	Default to "QMEL"
2	PF2, WP2	QMEL	QMNUM	Notification Number	S/4HANA	STXL	TDNAME	Name	Value Mapping: Notification
3	-	-	-	-	S/4HANA	STXL	TDID	Text ID	Default to 'LTXT'
4	PF2, WP2	STXL	SPRAS	Language Key	S/4HANA	STXL	SPRAS	Language Key	Direct Mapping
5	-	-	-	-	S/4HANA	STXL	CLUSTD_TAG	Tag column	Default to ""
6	PF2, WP2	STXL	ROWCOUNT	Row number	S/4HANA	STXL	ROWCOUNT	Row number	Direct Mapping
7	PF2, WP2	STXL	TXLINE	Text Line	S/4HANA	STXL	TXLINE	Text Line	Direct Mapping

4.Notification Item Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	PF2, WP2	QMFE	QMNUM	Notification Number	S/4 HANA	QMEL	QMNUM	Notification Number	System (Internal numbering).
2	PF2, WP2	QMFE	IWERK	Maintenance Planning Plant	S/4 HANA	VIQML	WERK	Maintenance Planning Plant	Default to Planning Plant from reference technical object.
3	PF2, WP2	QMFE	ARBPL	Object ID for Work Centre	S/4 HANA	QMFE	ARBPL	Object ID for Work Centre	Value Mapping: Work Centre If blank or cannot be mapped: 1. If linked to Work Order, then use Work Order value 2. If not linked to Work Order, then derive the Main Work Centre from the first 4 character of the mapped work Centre 3. Otherwise, then default to technical object Work Centre.

4	PF2, WP2	QMFE	OTGRP	Code Group - Object Parts	S/4 HANA	QMFE	OTGRP	Code Group - Object Parts	Value Mapping: Catalog Code Group and Code
5	PF2, WP2	QMFE	OTEIL	Part of Object	S/4 HANA	QMFE	OTEIL	Part of Object	Value Mapping: Catalog Code Group and Code
6	PF2, WP2	QMFE	FEGRP	Damage – Code Group	S/4 HANA	QMFE	FEGRP	Damage – Code Group	Value Mapping: Catalog Code Group and Code
7	PF2, WP2	QMFE	FECOD	Problem or Damage Code	S/4 HANA	QMFE	FECOD	Problem or Damage Code	Direct Mapping
8	PF2, WP2	QMFE	FETXT	Notification Item Short Text	S/4 HANA	QMFE	FETXT	Notification Item Short Text	Direct Mapping

Note: Each Notification Header can have many Notification Items

5. Notification Item Long Text Header Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	-	-	-	-	S/4HANA	STXH	TDOBJECT	Texts: application object	Default to "QMFE"
2	PF2, WP2	QMEL	QMNUM	Notification Number	S/4HANA	STXH	TDNAME	Name	Value Mapping: Notification
3	-	-	-	-	S/4HANA	STXH	TDID	Text ID	Default to 'LTXT'
4	PF2, WP2	STXH	SPRAS	Language Key	S/4HANA	STXH	SPRAS	Language Key	Direct Mapping
5	-	-	-	-	S/4HANA	STXH	CLUSTD_TAG	Tag column	Default to ""
6	PF2, WP2	STXH	ROWCOUNT	Row number	S/4HANA	STXH	ROWCOUNT	Row number	Direct Mapping
7	PF2, WP2	STXH	TXLINE	Text Line	S/4HANA	STXH	TXLINE	Text Line	Direct Mapping

6. Notification Item Long Text Line Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	-	-	-	-	S/4HANA	STXL	TDOBJECT	Texts: application object	Default to "QMFE"
2	PF2, WP2	QMEL	QMNUM	Notification Number	S/4HANA	STXL	TDNAME	Name	Value Mapping: Notification
3	-	-	-	-	S/4HANA	STXL	TDID	Text ID	Default to 'LTXT'
4	PF2, WP2	STXL	SPRAS	Language Key	S/4HANA	STXL	SPRAS	Language Key	Direct Mapping
5	-	-	-	-	S/4HANA	STXL	CLUSTD_TAG	Tag column	Default to ""
6	PF2, WP2	STXL	ROWCOUNT	Row number	S/4HANA	STXL	ROWCOUNT	Row number	Direct Mapping
7	PF2, WP2	STXL	TXLINE	Text Line	S/4HANA	STXL	TXLINE	Text Line	Direct Mapping

7. Notification - Causes Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	PF2, WP2	QMUR	QMNUM	Notification Number	S/4 HANA	QMUR	QMNUM	Notification Number	System (Internal numbering)
2	PF2, WP2	QMUR	QMNUM	Notification Number	S/4HANA	QMUR	QMNUM	Notification Number	System (Internal numbering)
3	PF2, WP2	QMUR	FENUM	Item Number in Item Record	S/4HANA	QMUR	FENUM	Item Number in Item Record	System (Internal numbering)
4	PF2, WP2	QMUR	URNUM	Sequential Number for Cause	S/4HANA	QMUR	URNUM	Sequential Number for Cause	System (Internal numbering)
5	PF2, WP2	QMUR	ERNAM	Name of Person who Created the Object	S/4HANA	QMUR	ERNAM	Name of Person who Created the Object	Direct Mapping
6	PF2, WP2	QMUR	ERDAT	Date on Which Record Was Created	S/4HANA	QMUR	ERDAT	Date on Which Record Was Created	Direct Mapping
7	PF2, WP2	QMUR	AENAM	Name of Person Who Changed Object	S/4HANA	QMUR	AENAM	Name of Person Who Changed Object	Direct Mapping
8	PF2, WP2	QMUR	AEDAT	Changed On	S/4HANA	QMUR	AEDAT	Changed On	Direct Mapping
9	PF2, WP2	QMUR	URTXT	Cause Text	S/4HANA	QMUR	URTXT	Cause Text	Direct Mapping
10	PF2, WP2	QMUR	URKAT	Catalog Type - Causes	S/4HANA	QMUR	URKAT	Catalog Type - Causes	Value Mapping: Catalog Code Group and Code
11	PF2, WP2	QMUR	URGRP	Code Group - Causes	S/4HANA	QMUR	URGRP	Code Group - Causes	Value Mapping: Catalog Code Group and Code
12	PF2, WP2	QMUR	URCOD	Cause Code	S/4HANA	QMUR	URCOD	Cause Code	Value Mapping: Catalog Code Group and Code
13	PF2, WP2	QMUR	URVER	Version Number	S/4HANA	QMUR	URVER	Version Number	Direct Mapping
14	PF2, WP2	QMUR	INDTX	Object Long Text Available	S/4HANA	QMUR	INDTX	Object Long Text Available	Direct Mapping
15	PF2, WP2	QMUR	KZMLA	Primary language indicator for text segment	S/4HANA	QMUR	KZMLA	Primary language indicator for text segment	Direct Mapping
16	PF2, WP2	QMUR	ERZEIT	Time, at Which Record Was Added	S/4HANA	QMUR	ERZEIT	Time, at Which Record Was Added	Direct Mapping
17	PF2, WP2	QMUR	AEZEIT	Time of Change	S/4HANA	QMUR	AEZEIT	Time of Change	Direct Mapping
18	PF2, WP2	QMUR	QURNUM	Sort Number for Cause	S/4HANA	QMUR	QURNUM	Sort Number for Cause	Direct Mapping

19	PF2, WP2	QMUR	AUTKZ	Data Record Created with Function 'Create with Copy Model'	S/4HANA	QMUR	AUTKZ	Data Record Created with Function 'Create with Copy Model'	Direct Mapping
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8. Notification - Task Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	PF2, WP2	QMSM	QMNUM	Notification Number	S/4HANA	QMSM	QMNUM	Notification Number	System (Internal numbering)
2	PF2, WP2	QMSM	MANUM	Sequential Task Number	S/4HANA	QMSM	MANUM	Sequential Task Number	System (Internal numbering)
3	PF2, WP2	QMSM	MNKAT	Catalog Type - Tasks	S/4HANA	QMSM	MNKAT	Catalog Type - Tasks	Direct Mapping
4	PF2, WP2	QMSM	MNGRP	Code Group - Tasks	S/4HANA	QMSM	MNGRP	Code Group - Tasks	Direct Mapping
5	PF2, WP2	QMSM	MNCOD	Task Code	S/4HANA	QMSM	MNCOD	Task Code	Direct Mapping
6	PF2, WP2	QMSM	MNVER	Version Number	S/4HANA	QMSM	MNVER	Version Number	Direct Mapping
7	PF2, WP2	QMSM	FOLGEACT	Follow-Up Action for Task	S/4HANA	QMSM	FOLGEACT	Follow-Up Action for Task	Direct Mapping
8	PF2, WP2	QMSM	FOLACTPROT	Log for Follow-Up Action	S/4HANA	QMSM	FOLACTPROT	Log for Follow-Up Action	Direct Mapping
9	PF2, WP2	QMSM	MATXT	Short Text for Task	S/4HANA	QMSM	MATXT	Short Text for Task	Direct Mapping
10	PF2, WP2	QMSM	ERNAM	Name of Person who Created the Object	S/4HANA	QMSM	ERNAM	Name of Person who Created the Object	Direct Mapping
11	PF2, WP2	QMSM	ERDAT	Date on Which Record Was Created	S/4HANA	QMSM	ERDAT	Date on Which Record Was Created	Direct Mapping
12	PF2, WP2	QMSM	AENAM	Name of Person Who Changed Object	S/4HANA	QMSM	AENAM	Name of Person Who Changed Object	Direct Mapping
13	PF2, WP2	QMSM	AEDAT	Changed On	S/4HANA	QMSM	AEDAT	Changed On	Direct Mapping
14	PF2, WP2	QMSM	PSTER	Planned Start Date	S/4HANA	QMSM	PSTER	Planned Start Date	Direct Mapping
15	PF2, WP2	QMSM	PETER	Planned finish date	S/4HANA	QMSM	PETER	Planned finish date	Direct Mapping
16	PF2, WP2	QMSM	OBJNR	Object Number for Status Management	S/4HANA	QMSM	OBJNR	Object Number for Status Management	Direct Mapping
17	PF2, WP2	QMSM	INDTX	Object Long Text Available	S/4HANA	QMSM	INDTX	Object Long Text Available	Direct Mapping
18	PF2, WP2	QMSM	KZMLA	Primary language indicator for text segment	S/4HANA	QMSM	KZMLA	Primary language indicator for text segment	Direct Mapping
19	PF2, WP2	QMSM	PSTUR	Planned Start Time for Task	S/4HANA	QMSM	PSTUR	Planned Start Time for Task	Direct Mapping
20	PF2, WP2	QMSM	PETUR	Planned Finish Time for Task	S/4HANA	QMSM	PETUR	Planned Finish Time for Task	Direct Mapping
21	PF2, WP2	QMSM	ERLNAM	Person Who Completed the Task	S/4HANA	QMSM	ERLNAM	Person Who Completed the Task	Direct Mapping
22	PF2, WP2	QMSM	ERLDAT	Date on Which the Task Was Completed	S/4HANA	QMSM	ERLDAT	Date on Which the Task Was Completed	Direct Mapping
23	PF2, WP2	QMSM	ERLZEIT	Time at Which Task Was Completed	S/4HANA	QMSM	ERLZEIT	Time at Which Task Was Completed	Direct Mapping
24	PF2, WP2	QMSM	WDVDAT	Date on Which Task Was Resubmitted	S/4HANA	QMSM	WDVDAT	Date on Which Task Was Resubmitted	Direct Mapping
25	PF2, WP2	QMSM	FENUM	Item Number in Item Record	S/4HANA	QMSM	FENUM	Item Number in Item Record	Direct Mapping
26	PF2, WP2	QMSM	URNUM	Sequential Number for Cause	S/4HANA	QMSM	URNUM	Sequential Number for Cause	Direct Mapping
27	PF2, WP2	QMSM	ERZEIT	Time, at Which Record Was Added	S/4HANA	QMSM	ERZEIT	Time, at Which Record Was Added	Direct Mapping
28	PF2, WP2	QMSM	AEZEIT	Time of Change	S/4HANA	QMSM	AEZEIT	Time of Change	Direct Mapping
29	PF2, WP2	QMSM	PARVW	Function of Person Responsible for Task	S/4HANA	QMSM	PARVW	Function of Person Responsible for Task	Direct Mapping
30	PF2, WP2	QMSM	PARNR	Person Responsible for Task (Partner Number)	S/4HANA	QMSM	PARNR	Person Responsible for Task (Partner Number)	Direct Mapping
31	PF2, WP2	QMSM	QSMNUM	Sort Number for Task	S/4HANA	QMSM	QSMNUM	Sort Number for Task	Direct Mapping
32	PF2, WP2	QMSM	AUTKZ	Data Record Created with Function 'Create with Copy Model'	S/4HANA	QMSM	AUTKZ	Data Record Created with Function 'Create with Copy Model'	Direct Mapping
33	PF2, WP2	QMSM	KZACTIONBOX	Created Using Action Box	S/4HANA	QMSM	KZACTIONBOX	Created Using Action Box	Direct Mapping
34	PF2, WP2	QMSM	FUNKTION	Keys for Function in Action Box	S/4HANA	QMSM	FUNKTION	Keys for Function in Action Box	Direct Mapping

9. Notification - Activity Transformation Rule

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	PF2, WP2	QMMA	QMNUM	Notification Number	S/4HANA	QMMA	QMNUM	Notification Number	System (Internal numbering)
2	PF2, WP2	QMMA	MANUM	Consecutive Number of Activity	S/4HANA	QMMA	MANUM	Consecutive Number of Activity	System (Internal numbering)
3	PF2, WP2	QMMA	FENUM	Item Number in Item Record	S/4HANA	QMMA	FENUM	Item Number in Item Record	Direct Mapping
4	PF2, WP2	QMMA	URNUM	Sequential Number for Cause	S/4HANA	QMMA	URNUM	Sequential Number for Cause	Direct Mapping
5	PF2, WP2	QMMA	MNKAT	Catalog Type - Activities	S/4HANA	QMMA	MNKAT	Catalog Type - Activities	Direct Mapping
6	PF2, WP2	QMMA	MNGRP	Code Group - Activities	S/4HANA	QMMA	MNGRP	Code Group - Activities	Direct Mapping
7	PF2, WP2	QMMA	MNCOD	Activity Code	S/4HANA	QMMA	MNCOD	Activity Code	Direct Mapping
8	PF2, WP2	QMMA	MNVER	Version Number	S/4HANA	QMMA	MNVER	Version Number	Direct Mapping
9	PF2, WP2	QMMA	MATXT	Activity Text	S/4HANA	QMMA	MATXT	Activity Text	Direct Mapping

10	PF2, WP2	QMMA	ERNAM	Name of Person who Created the Object	S/4HANA	QMMA	ERNAM	Name of Person who Created the Object	Direct Mapping
11	PF2, WP2	QMMA	ERDAT	Date on Which Record Was Created	S/4HANA	QMMA	ERDAT	Date on Which Record Was Created	Direct Mapping
12	PF2, WP2	QMMA	AENAM	Name of Person Who Changed Object	S/4HANA	QMMA	AENAM	Name of Person Who Changed Object	Direct Mapping
13	PF2, WP2	QMMA	AEDAT	Changed On	S/4HANA	QMMA	AEDAT	Changed On	Direct Mapping
14	PF2, WP2	QMMA	MAKLS	Task Class	S/4HANA	QMMA	MAKLS	Task Class	Direct Mapping
15	PF2, WP2	QMMA	KLAKZ	Indicator: Classification exists	S/4HANA	QMMA	KLAKZ	Indicator: Classification exists	Direct Mapping
16	PF2, WP2	QMMA	PSTER	Start Date	S/4HANA	QMMA	PSTER	Start Date	Direct Mapping
17	PF2, WP2	QMMA	PETER	End Date	S/4HANA	QMMA	PETER	End Date	Direct Mapping
18	PF2, WP2	QMMA	INDTX	Object Long Text Available	S/4HANA	QMMA	INDTX	Object Long Text Available	Direct Mapping
19	PF2, WP2	QMMA	KZMLA	Primary language indicator for text segment	S/4HANA	QMMA	KZMLA	Primary language indicator for text segment	Direct Mapping
20	PF2, WP2	QMMA	PSTUR	Start Time of Activity	S/4HANA	QMMA	PSTUR	Start Time of Activity	Direct Mapping
21	PF2, WP2	QMMA	PETUR	End Time of Activity	S/4HANA	QMMA	PETUR	End Time of Activity	Direct Mapping
22	PF2, WP2	QMMA	ERZEIT	Time, at Which Record Was Added	S/4HANA	QMMA	ERZEIT	Time, at Which Record Was Added	Direct Mapping
23	PF2, WP2	QMMA	AEZEIT	Time of Change	S/4HANA	QMMA	AEZEIT	Time of Change	Direct Mapping
24	PF2, WP2	QMMA	QMANUM	Sort Number for Activity	S/4HANA	QMMA	QMANUM	Sort Number for Activity	Direct Mapping
25	PF2, WP2	QMMA	AUTKZ	Data Record Created with Function 'Create with Copy Model'	S/4HANA	QMMA	AUTKZ	Data Record Created with Function 'Create with Copy Model'	Direct Mapping
26	PF2, WP2	QMMA	KZACTIONBOX	Created Using Action Box	S/4HANA	QMMA	KZACTIONBOX	Created Using Action Box	Direct Mapping
27	PF2, WP2	QMMA	FUNKTION	Keys for Function in Action Box	S/4HANA	QMMA	FUNKTION	Keys for Function in Action Box	Direct Mapping

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

Transformation Mapping

Mapping Table Name	Mapping Table Description
Work Order	Old to new Work Order
Planner Group	Old to new Planner Group
Work Centre	Old to new Work Centre
Plant	Old to new Plant
Equipment	Old to new Equipment
Functional Location	Old to new Functional Location
Notification Type	Old to new Notification Type
Priority	Old to new Priority
Catalog Code Group and Code	Old to new Catalog Code Group and Code

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: <ol style="list-style-type: none"> 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 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 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

PostCutover

Configuration

Item #	Configuration Item

1	Notification Type
2	Priority
3	Maintenance Activity Type

Conversion Objects

Object #	Preceding Object Conversion Approach
1002	Equipment
1003	Functional Location
1006	Work Centre
1010	Assembly

Error Handling

Error Type	Error Description	Action Taken
Invalid Data	Invalid data (Based on master data)	Check whether the master data is available in the system
Invalid Data	Invalid data (Based on non master data)	Review and analyses the errors. Take necessary action to correct the data if possible.
Configuration	Invalid Notification Type	Engage Functional team to expedite and fix the error 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	SyWay A2D Data Team to verify that the Notification 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 Notification data in target S/4 HANA were loaded correctly via dspMigrate post load reports or standard reports from S/4 HANA.

Key Assumptions

- Notification is in scope based on data design and any exception requested by business.
- Data cleansing has met the required percentage threshold for the specified mock cycle and all preparation activities have been completed.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 126)	Apr 24, 2026 12:25	PUN-ext, Eddy	
v. 450	Apr 20, 2026 08:57	ERGUIZA-ext, Pinky Love	
v. 449	Apr 20, 2026 08:25	ERGUIZA-ext, Pinky Love	
v. 448	Apr 17, 2026 04:28	ERGUIZA-ext, Pinky Love	
v. 447	Apr 06, 2026 15:46	PUN-ext, Eddy	
v. 446	Apr 02, 2026 13:44	ERGUIZA-ext, Pinky Love	
v. 445	Feb 10, 2026 06:54	TEE-ext, Paul	
v. 444	Feb 10, 2026 06:52	TEE-ext, Paul	
v. 443	Feb 09, 2026 15:23	TEE-ext, Paul	
v. 442	Feb 09, 2026 15:20	TEE-ext, Paul	

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Workflow history

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