CNV-1151 Certificate Profiles

Status	Approved
Owner	REDDY-ext, Naren
Stakeholders	SAKET-ext, Maryem

Purpose

The purpose of this document is to define the conversion approach to create 1151 Certificate Profiles in S/4 HANA.
in S/4 HANA.

Certificate Profiles are used in SAP Quality Management (QM) to control and define the certification requirements for materials and suppliers. A Certificate Profile specifies which quality certificates are required for a material, at what stage of the process they must be provided, and the specific inspection characteristics or parameters to be validated. This ensures that incoming materials or finished products meet the defined quality and regulatory standards before acceptance or shipment.

In SAP S/4HANA, the structure and usage of Certificate Profiles remain consistent with SAP ECC, generally defined by key attributes such as Material / Plant / Certificate Type. Certificate Profiles may include additional parameters such as certificate category, inspection lot linkage, and certificate relevance for procurement or production.

In SAP ECC, aside from the standard structure, Certificate Profiles may also exist with extended combinations or enhancements, for example:

- Profiles assigned to multiple materials or plants
- Custom fields defining regulatory or customer-specific certification needs
- Obsolete or inactive profiles that are no longer in use

Such cases must be reviewed carefully (MDS) to determine whether they remain relevant for migration.

This conversion aims to migrate active and valid Certificate Profiles from existing ECC systems into SAP S/4HANA by applying the required transformation logic using Syniti as the data migration and transformation platform. The converted records will be loaded into the target SAP S/4HANA system using standard SAP mechanisms such as BAPIs (e.g., BAPI_QM_CERTIFICATE_PROFILE_CREATE), IDOCs, or direct table loads, ensuring compliance with quality and regulatory requirements.

This Conversion Specification does **not include the WPX system (CUI Objects)**.

Conversion Scope

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

The data from legacy system includes:

1. All Active Certificate Profiles(Header table) active/created during the last 4 years
   QCVK-ERSTELDAT >= (CURRENT DATE - 4)
2. Certificate profile characteristics with Active MICs in the last 4 years. Refer Master Inspection characteristics.
   QCVM-MKMNR = QPMT-MKMNR AND QCVM-KATEGORIE = '1'(CHAR.CATEGORY=MIC)
3. Certificate profile characteristics with Active Batch characteristics in the last 4 years. Refer Batch characteristics.
   QCVM-CMERKMALID = CABN-ATINN AND QCVM-KATEGORIE = '2'(CHAR.CATEGORY=BATCH CLASS CHARAC)
4. Certificate profiles with Active Material/Plant/Material Group/Customer in the last 4 years. Follow 1,2 &3 and refer Material master QM view, BP Customer master.
5. Plant-specific Certificate Profiles that will be migrated to the To-Be Plant Mapping in Enterprise Structure Catalog worksheet "30. Plants"

The data from legacy system excludes:

1. All Certificate Profiles(Header table) active/created more than before 4 years
   QCVK-ERSTELDAT < (CURRENT DATE - 4)
2. Certificate profile characteristics with inactive MICs. Refer Master Inspection characteristics.
3. Certificate profile characteristics with inactive Batch characteristics in the last 4 years. Refer Batch characteristics.
4. Certificate profiles with inactive Material/Plant/Material Group/Customer(Assignment/Conditions). Refer Material master QM view, BP Customer master.
5. Certificate profiles with plants not in scope

Relevancy logic for 1,2 & 3
1. QCVK-ERSTELDAT >= (CURRENT DATE - 4) AND

(
(QCVM-MKMNR = QPMT-MKMNR AND QCVM-KATEGORIE = '1'(CHAR.CATEGORY=MIC))
 OR
(QCVM-CMERKMALID = CABN-ATINN AND QCVM-KATEGORIE = '2'(CHAR.CATEGORY=BATCH CLASS CHARAC))
)

We consider the certificate profile as Active for migration only if the profile has a valid characteristics data. Either MICs or Batch characteristics for usage and created in Last 4 years.

Case 1(Active): If the certificate profiles satisfy the criteria for 1,2 &3, but no QCVV or assignments data, we will still migrate the data.

Case 2(Inactive): Certificate profiles satisfy the criteria for 1,2 &3, but has invalid data for any of the QCVV or assignments tables.

we have to check 4,5 for the result of 1,2&3 with Material master relevancy/BP relevancy/along with relevant Plant data.

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	Certificate profiles data will be extracted from client PF2 and WP2	PF2 = 662 records WP2 =1709 records	S/4 HANA	2371

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
QCVK	CTYP	QZGTYP	Certificate Type	CHAR	4	R
QCVK	VORLNR	QVORLNR	Certificate Profile Number	CHAR	12	R
QCVK	VERSION	QCVERSION	Version Number of Certificate Profile	CHAR	6	S
QCVK	SORTFELD	QSORTFELD	Search Field	CHAR	40	C
QCVK	GUELTIGAB	Q_UNUSEDDT	Field Not Used Field Reserved for SAP	DATS	8	S
QCVK	OBJNR	J_OBJNR	Object number	CHAR	22	S
QCVK	OBTYP	J_OBTYP	Object Category	CHAR	3	S
QCVK	STSMA	J_STSMA	Status Profile	CHAR	8	NU
QCVK	TDFORM	QCTDFORM	Form Name	CHAR	16	R
QCVK	KZGUTLOSE	QKZGUTLOSE	Indicator: Only Lots Whose Usage Decision is OK	CHAR	1	C

QCVK	MINQKZ	QKZMIN	Minimum Quality Score for Good Quality	DEC	3	C
QCVK	KZLASTLOT	QKZLASTLOT	Indicator: Last Lot for Batch	CHAR	1	C
QCVK	KZLIEFSCH	QKZLIEFSCH	Indicator: Delivery Note in Inspection Lot	CHAR	1	C
QCVK	HERKUNFT	QHERK	Inspection Lot Origin	CHAR	2	C
QCVK	ART	QPART	Inspection Type	CHAR	8	C
QCVK	KONSISTENT	QKZKONSIST	Indicator: Certificate Profile is Consistent	CHAR	1	NU
QCVK	KURZTEXT	QKURZTEXT	Short Text	CHAR	40	R
QCVK	LTEXTKZ	QKZLTX	Long Text Exists	CHAR	1	S
QCVK	WITHTRANSF	QCTRANSFER	Stock Transfers from Batch Where-Used List	CHAR	1	C
QCVK	QDI_NOPDF	QC_QDI_NOPDF	Indicator: Do Not Send PDF Document	CHAR	1	C
QCVK	ALSTF	QCALSTF	Expansion Level of Batch Where-Used List	NUMC	2	NU
QCVK	ADBFORM	QC_PDF_FORMNAME	PDF-Based Forms: Form Name	CHAR	30	NU
QCVK	QKZ_USEADB	QC_QKZ_USEADB	Use Adobe Form	CHAR	1	S
QCVK	CHAR_FIELD_CONF	QC_CHAR_FIELD_CONF	Configuration of Characteristics Field	CHAR	3	NU
QCVM	CTYP	QZGTYP	Certificate Type	CHAR	4	R
QCVM	VORLNR	QVORLNR	Certificate Profile Number	CHAR	12	R
QCVM	VERSION	QCVERSION	Version Number of Certificate Profile	CHAR	6	S
QCVM	BLOCKNR	QBLOCKNR	Number of Characteristic Block	NUMC	4	S
QCVM	MERKMALNR	QMKNR	Consecutive Characteristic Number	NUMC	4	S
QCVM	SORTNR	QSORTNR	Sort Number	NUMC	4	R
QCVM	TEXT_ELEM	QCTEXTELEM	Assignment of a Characteristic to a Form Text Element	CHAR	4	S
QCVM	KATEGORIE	QCCHARCAT	Characteristic Category for Certificates	CHAR	1	S
QCVM	ZAEHLER	WERKS_D	Plant	CHAR	4	R
QCVM	MKMNR	QMERKNR	Master Inspection Characteristics	CHAR	8	R
QCVM	VERSIONMK	QVERSNRMK	Version Number of the Master Inspection Characteristic	CHAR	6	C
QCVM	CMERKMALID	ATINN	Internal characteristic	NUMC	10	NU
QCVM	KZHERKWERT	QKZHERKWT	Origin of the Characteristic Result on the Certificate	CHAR	2	R
QCVM	KZHERKTEXT	QKZHERKTXT	Origin of Characteristic Short Text	CHAR	2	R
QCVM	KZAUSGFMT	QKZAUSGFMT	Characteristic Output Format	CHAR	2	C
QCVM	KZMETHODE	QKZMETHODE	Output Inspection Method	CHAR	2	C
QCVM	KZESEL	QKZESEL	Level for Result Selection	CHAR	1	R
QCVM	KZHERKVG	QKZHERKVG	Origin of Inspection Specifications	CHAR	2	R
QCVM	KZSTRSKIP	QKZSTRSKIP	Output Strategy for Skip Characteristics	CHAR	2	R
QCVM	MASSEINHSW	QMASSEH	Unit of Measurement, in Which Quantitative Data Is Stored	UNIT	3	S
QCVM	AUSGLEN	QLAENGE	Output Length	INT1	3	NU
QCVM	STELLEN	QSTELLEN	Number of Places to the Right of a Decimal Point (Accuracy)	INT1	3	C
QCVM	KZEXPDS	QKZEXPDS	Indicator: Exponential Notation	CHAR	1	NU
QCVM	KZOFFSPTX	QKZOFFSPTX	Additional Text When Result Is Outside Specifications	CHAR	1	NU
QCVM	KZOBL	QKZMKOBL	Indicator: Characteristic Required	CHAR	1	C
QCVM	VMSORTNR	QCSORTNR	Sort Number in List of Materials for Certificate Profile	NUMC	4	NU
QCVM	COLUMNSORT	QCCOLSORT	Display by Columns	CHAR	1	NU
QCVM	COLUMNS	QCCOLUMNS	Number of Columns	NUMC	2	NU
QCVM	UNITNRSORT	QCUNITSORT	Sort by Term for Inspected Unit	CHAR	1	NU
QCVM	CHARACT_ID1	QCHARACT_ID1	Characteristic Description for Quality Data Exchange	CHAR	40	C
QCVMT	CTYP	QZGTYP	Certificate Type	CHAR	4	R

QCVMT	VORLNR	QVORLNR	Certificate Profile Number	CHAR	12	R
QCVMT	VERSION	QCVERSION	Version Number of Certificate Profile	CHAR	6	S
QCVMT	BLOCKNR	QBLOCKNR	Number of Characteristic Block	NUMC	4	S
QCVMT	MERKMALNR	QMKNR	Consecutive Characteristic Number	NUMC	4	S
QCVMT	SPRACHE	SPRAS	Language Key	LANG	1	R
QCVMT	KURZTEXT	QKURZTEXT	Short Text	CHAR	40	R
QCVV	CTYP	QZGTYP	Certificate Type	CHAR	4	R
QCVV	VORLNR	QVORLNR	Certificate Profile Number	CHAR	12	R
QCVV	VERSION	QCVERSION	Version Number of Certificate Profile	CHAR	6	S
QCVV	VMKATEG	QCVMATKAT	Category of Data Origin (Insp. Lot/Batch) for Certificate	CHAR	1	R
QCVV	MATNR	MATNR	Material Number	CHAR	40	R
QCVV	COUNTER	QCVVCOUNT	Sequential Number for Material in a Certificate Profile	NUMC	3	S
QCVV	BLOCKNR	QBLOCKNR	Number of Characteristic Block	NUMC	4	S
QCVV	VMSORTNR	QCSORTNR	Sort Number in List of Materials for Certificate Profile	NUMC	4	S
QCVV	HERKUNFT	QHERK	Inspection Lot Origin	CHAR	2	C
QCVV	ART	QPART	Inspection Type	CHAR	8	C
QCVV	KZGUTLOSE	QKZGUTLOSE	Indicator: Only Lots Whose Usage Decision is OK	CHAR	1	C
QCVV	MINQKZ	QKZMIN	Minimum Quality Score for Good Quality	DEC	3	NU
KONDI	KNUMH	KNUMH	Cond.Record No.	CHAR	10	S
KONDI	CTYP	QZGTYP	CertificateType	CHAR	4	R
KONDI	VORLNR	QVORLNR	Cert. Profile	CHAR	12	R
KONDI	VERSION	QCVERSION	Version No.	CHAR	6	S
KONDI	ERSTELLER	QERSTELLER	Created By	CHAR	12	S
KONDI	ERSTELDAT	QDATUMERST	Created On	DATS	8	S
KOTI001	KAPPL	KAPPL	Application	CHAR	2	S
KOTI001	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI001	MATNR	MATNR	Material	CHAR	40	C
KOTI001	DATBI	KODATBI	Valid To	DATS	8	C
KOTI001	DATAB	KODATAB	Valid From	DATS	8	C
KOTI001	KNUMH	KNUMH	Cond.Record No.	CHAR	10	S
KOTI002	KAPPL	KAPPL	Application	CHAR	2	S
KOTI002	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI002	MATNR	MATNR	Material	CHAR	40	C
KOTI002	KNDNR	KUNNR_V	Customer	CHAR	10	C
KOTI002	DATBI	KODATBI	Valid To	DATS	8	C
KOTI002	DATAB	KODATAB	Valid From	DATS	8	C
KOTI002	KNUMH	KNUMH	Cond.Record No.	CHAR	10	S
KOTI501	KAPPL	KAPPL	Application	CHAR	2	S
KOTI501	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI501	WERKS	WERKS_D	Plant	CHAR	4	C
KOTI501	MATNR	MATNR	Material	CHAR	18	C
KOTI501	DATBI	KODATBI	Valid To	DATS	8	C
KOTI501	DATAB	KODATAB	Valid From	DATS	8	C
KOTI501	KNUMH	KNUMH	Cond.Record No.	CHAR	10	S
KOTI502	KAPPL	KAPPL	Application	CHAR	2	S
KOTI502	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI502	WERKS	WERKS_D	Plant	CHAR	4	C

KOTI502	MATNR	MATNR	Material	CHAR	18	C
KOTI502	KNDNR	KUNNR_V	Customer	CHAR	10	C
KOTI502	DATBI	KODATBI	Valid To	DATS	8	C
KOTI502	DATAB	KODATAB	Valid From	DATS	8	C
KOTI502	KNUMH	KNUMH	Cond.Record No.	CHAR	10	S
KOTI901	KAPPL	KAPPL	Application	CHAR	2	S
KOTI901	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI901	KUNWE	KUNWE	Ship-To Party	CHAR	10	C
KOTI901	MATNR	MATNR	Material	CHAR	18	C
KOTI901	DATBI	KODATBI	Valid to	DATS	8	C
KOTI901	DATAB	KODATAB	Valid From	DATS	8	C
KOTI901	KNUMH	KNUMH	Cond.record no.	CHAR	10	S
KOTI902	KAPPL	KAPPL	Application	CHAR	2	S
KOTI902	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI902	KUNWE	KUNWE	Ship-To Party	CHAR	10	C
KOTI902	MATKL	MATKL	Material Group	CHAR	9	C
KOTI902	DATBI	KODATBI	Valid to	DATS	8	C
KOTI902	DATAB	KODATAB	Valid From	DATS	8	C
KOTI902	KNUMH	KNUMH	Cond.record no.	CHAR	10	S
KOTI903	KAPPL	KAPPL	Application	CHAR	2	S
KOTI903	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI903	WERKS	WERKS_D	Plant	CHAR	4	C
KOTI903	KUNWE	KUNWE	Ship-To Party	CHAR	10	C
KOTI903	MATKL	MATKL	Material Group	CHAR	9	C
KOTI903	DATBI	KODATBI	Valid to	DATS	8	C
KOTI903	DATAB	KODATAB	Valid From	DATS	8	C
KOTI903	KNUMH	KNUMH	Cond.record no.	CHAR	10	S
KOTI904	KAPPL	KAPPL	Application	CHAR	2	S
KOTI904	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI904	WERKS	WERKS_D	Plant	CHAR	4	C
KOTI904	MATKL	MATKL	Material Group	CHAR	9	C
KOTI904	DATBI	KODATBI	Valid to	DATS	8	C
KOTI904	DATAB	KODATAB	Valid From	DATS	8	C
KOTI904	KNUMH	KNUMH	Cond.record no.	CHAR	10	S
KOTI905	KAPPL	KAPPL	Application	CHAR	2	S
KOTI905	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI905	VKORG	VKORG	Sales Org.	CHAR	4	C
KOTI905	MATKL	MATKL	Material Group	CHAR	9	C
KOTI905	DATBI	KODATBI	Valid to	DATS	8	C
KOTI905	DATAB	KODATAB	Valid From	DATS	8	C
KOTI905	KNUMH	KNUMH	Cond.record no.	CHAR	10	S
KOTI907	KAPPL	KAPPL	Application	CHAR	2	S
KOTI907	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI907	WERKS	WERKS_D	Plant	CHAR	4	C
KOTI907	KUNWE	KUNWE	Ship-To Party	CHAR	10	C
KOTI907	MATKL	MATKL	Material Group	CHAR	9	C
KOTI907	ZQ_OUTYPE	KSCHL	Condition type	CHAR	4	C

KOTI907	DATBI	KODATBI	Valid to	DATS	8	C
KOTI907	DATAB	KODATAB	Valid From	DATS	8	C
KOTI907	KNUMH	KNUMH	Cond.record no.	CHAR	10	S
KOTI908	KAPPL	KAPPL	Application	CHAR	2	S
KOTI908	KSCHL	KSCHI	Assignment type	CHAR	4	S
KOTI908	WERKS	WERKS_D	Plant	CHAR	4	C
KOTI908	MATKL	MATKL	Material Group	CHAR	9	C
KOTI908	ZQ_OUTYPE	KSCHL	Condition type	CHAR	4	C
KOTI908	DATBI	KODATBI	Valid to	DATS	8	C
KOTI908	DATAB	KODATAB	Valid From	DATS	8	C
KOTI908	KNUMH	KNUMH	Cond.record no.	CHAR	10	S

Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System	
1151-001	C2	Missing short text	QCVK-KURZTEXT is missing	Certificate profiles with missing Short texts.	PF2/WP2	WP2 /PF2
1151-002	C2	Missing long text	QCVK-LTEXTKZ indicator is set but the long text is missing.	Certificate profiles with missing Short texts.	PF2/WP2	WP2 /PF2

Conversion Process

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

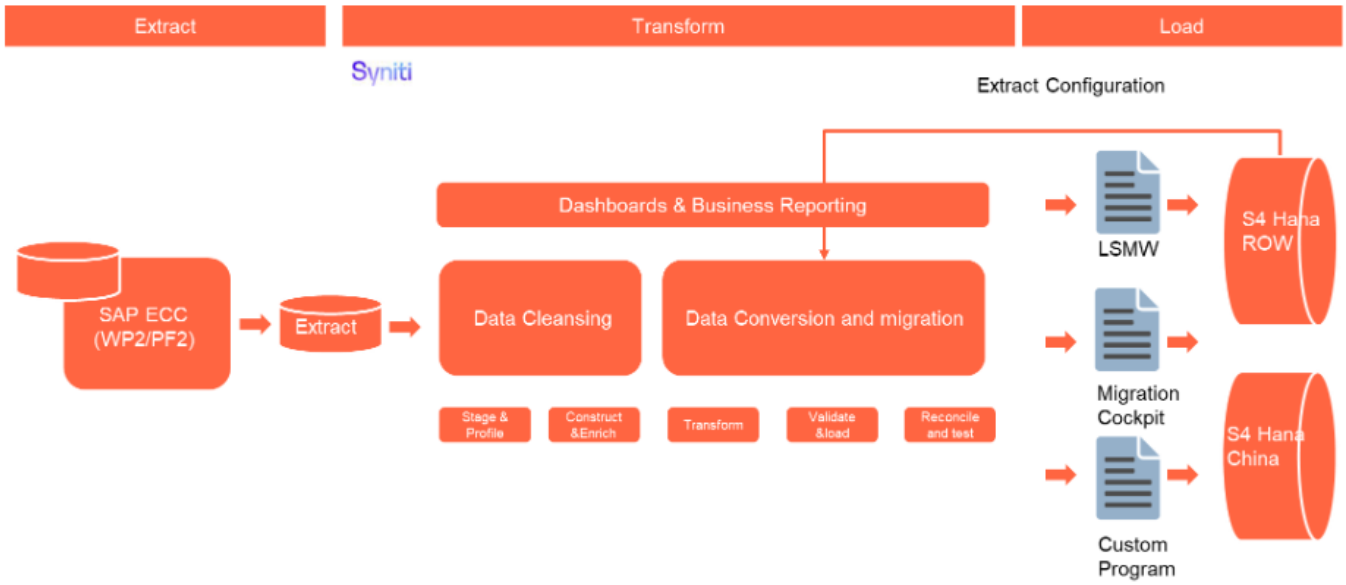
The high-level process is represented by the diagram below:

The ETL (Extract, Transform, Load) process is a structured approach to data migration and management, ensuring high-quality data is seamlessly transferred across systems. Here's a breakdown of its key components:

1. **Extraction**
The process begins with extracting metadata and raw data from source systems, such as Syensqo ECC system (i.e. WP2/PF2) periodically. The extracted data is then staged for transformation.

2. **Transformation**
Once extracted, the data undergoes cleansing, consolidation, and governance. This step ensures data integrity, consistency, and compliance with business rules. The transformation process includes:
- Data validation to remove inconsistencies.
- Standardization to align formats across datasets.
- Business rule application to refine data for operational use.

3. **Loading**
The transformed data is then loaded into the target S/4HANA system.



Data Privacy and Sensitivity

Not applicable

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
Extraction Scope Definition	- Identify the source systems and databases involved. - Define the data objects (tables, fields, records) to be extracted. - Establish business rules for data selection.	Syniti / LTC Data team
Extraction Methodology	- Specify the extraction approach (full, incremental, or delta extraction). - Determine the tools and technologies used. - Define data filtering criteria to exclude irrelevant records.	Syniti
Extraction Execution Plan	- Establish execution timelines and batch processing schedules. - Assign responsibilities for extraction monitoring. - Document dependencies on other migration tasks.	Syniti
Data Quality and Validation	- Define error handling mechanisms for extraction failures.	Syniti

Selection Screen

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

Data Collection Template (DCT)

The Data Collection Template (DCT) will not be applicable in this case. If there is a need to create a new Master Data (MD) for Certificate Profiles object, the business must perform this activity in the source system. The newly created object will then be captured and migrated as part of the standard migration process.

Extraction Dependencies

Item #	Step Description	Team Responsible
1	**Source System Availability** • Ensure that the source database or application is accessible. • Confirm that necessary credentials and permissions are granted	Syensqo IT
2	**Data Structure** • Identify relationships between tables, views, and stored procedures.	Syniti
3	**Referential Integrity** • Ensure dependent records are extracted together.	Syniti
4	**Extraction Methodology** • Define whether extraction is **full, incremental, or delta-based**. • Establish batch processing schedules for large datasets.	Syniti
5	**Performance and Scalability Considerations** • Optimize extraction queries to prevent system overload. • Ensure network bandwidth supports data transfer volumes.	Syniti
6	**Security and Compliance** • Adhere to regulatory standards for sensitive information if applicable	Syniti

Transformation

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

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

Transformation Run Sheet

Item #	Step Description	Team Responsible
1	Transformation Scope Definition - Identify the source and target data structures. - Define business rules for data standardization. - Establish data cleansing requirements to remove inconsistencies.	Data Team

2	Data Mapping and Standardization - Align source fields with target fields. - Ensure unit consistency (e.g., currency, measurement units)	Data Team
3	Business Rule Application - Implement data enrichment/collection if applicable - Apply conditional transformations based on predefined logic/business rules	Data Team
4	Transformation Execution Plan - Define batch processing schedules. - Assign responsibilities for monitoring execution. - Establish error-handling mechanisms	Syniti

Transformation Rules

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	PF2/WP2	QCVK	CTYP	Certificate Type	S/4 HANA	QCVK	CTYP	Certificate Type	R.Copy from Source system
2	PF2/WP2	QCVK	VORLNR	Certificate Profile Number	S/4 HANA	QCVK	VORLNR	Certificate Profile Number	R.Copy from Source system
3	PF2/WP2	QCVK	VERSION	Version Number of Certificate Profile	S/4 HANA	QCVK	VERSION	Version Number of Certificate Profile	S.Internal
4	PF2/WP2	QCVK	SORTFELD	Search Field	S/4 HANA	QCVK	SORTFELD	Search Field	C.Copy from Source system
5	PF2/WP2	QCVK	GUELTIGAB	Field Not Used Field Reserved for SAP	S/4 HANA	QCVK	GUELTIGAB	Field Not Used Field Reserved for SAP	S.Internal
6	PF2/WP2	QCVK	OBJNR	Object number	S/4 HANA	QCVK	OBJNR	Object number	S.Internal
7	PF2/WP2	QCVK	OBTYP	Object Category	S/4 HANA	QCVK	OBTYP	Object Category	S.Internal
8	PF2/WP2	QCVK	STSMA	Status Profile	S/4 HANA	QCVK	STSMA	Status Profile	Not used
9	PF2/WP2	QCVK	TDFORM	Form Name	S/4 HANA	QCVK	TDFORM	Form Name	R. To be decided
10	PF2/WP2	QCVK	KZGUTLOSE	Indicator: Only Lots Whose Usage Decision is OK	S/4 HANA	QCVK	KZGUTLOSE	Indicator: Only Lots Whose Usage Decision is OK	C.Copy from Source system
11	PF2/WP2	QCVK	MINQKZ	Minimum Quality Score for Good Quality	S/4 HANA	QCVK	MINQKZ	Minimum Quality Score for Good Quality	C.Copy from Source system
12	PF2/WP2	QCVK	KZLASTLOT	Indicator: Last Lot for Batch	S/4 HANA	QCVK	KZLASTLOT	Indicator: Last Lot for Batch	C.Copy from Source system
13	PF2/WP2	QCVK	KZLIEFSCH	Indicator: Delivery Note in Inspection Lot	S/4 HANA	QCVK	KZLIEFSCH	Indicator: Delivery Note in Inspection Lot	C.Copy from Source system
14	PF2/WP2	QCVK	HERKUNFT	Inspection Lot Origin	S/4 HANA	QCVK	HERKUNFT	Inspection Lot Origin	C.Copy from Source system
15	PF2/WP2	QCVK	ART	Inspection Type	S/4 HANA	QCVK	ART	Inspection Type	C. Xref as per Inspection type mapping
16	PF2/WP2	QCVK	KONSISTENT	Indicator: Certificate Profile is Consistent	S/4 HANA	QCVK	KONSISTENT	Indicator: Certificate Profile is Consistent	Not used
17	PF2/WP2	QCVK	KURZTEXT	Short Text	S/4 HANA	QCVK	KURZTEXT	Short Text	R. Copy from source system
18	PF2/WP2	QCVK	LTEXTKZ	Long Text Exists	S/4 HANA	QCVK	LTEXTKZ	Long Text Exists	S.Internal
19	PF2/WP2	QCVK	WITHTRANSF	Stock Transfers from Batch Where-Used List	S/4 HANA	QCVK	WITHTRANSF	Stock Transfers from Batch Where-Used List	C.Copy from Source system
20	PF2/WP2	QCVK	QDI_NOPDF	Indicator: Do Not Send PDF Document	S/4 HANA	QCVK	QDI_NOPDF	Indicator: Do Not Send PDF Document	C.Copy from Source system
21	PF2/WP2	QCVK	ALSTF	Expansion Level of Batch Where-Used List	S/4 HANA	QCVK	ALSTF	Expansion Level of Batch Where-Used List	Not used
22	PF2/WP2	QCVK	ADBFORM	PDF-Based Forms: Form Name	S/4 HANA	QCVK	ADBFORM	PDF-Based Forms: Form Name	Not used

23	PF2/WP2	QCVK	QKZ_USEADB	Use Adobe Form	S/4 HANA	QCVK	QKZ_USEADB	Use Adobe Form	S.Internal
24	PF2/WP2	QCVK	CHAR_FIELD_CONF	Configuration of Characteristics Field	S/4 HANA	QCVK	CHAR_FIELD_CONF	Configuration of Characteristics Field	Not used
25	PF2/WP2	QCVM	CTYP	Certificate Type	S/4 HANA	QCVM	CTYP	Certificate Type	R.Copy from Source system
26	PF2/WP2	QCVM	VORLNR	Certificate Profile Number	S/4 HANA	QCVM	VORLNR	Certificate Profile Number	R.Copy from Source system
27	PF2/WP2	QCVM	VERSION	Version Number of Certificate Profile	S/4 HANA	QCVM	VERSION	Version Number of Certificate Profile	S.Internal
28	PF2/WP2	QCVM	BLOCKNR	Number of Characteristic Block	S/4 HANA	QCVM	BLOCKNR	Number of Characteristic Block	S.Internal
29	PF2/WP2	QCVM	MERKMALNR	Consecutive Characteristic Number	S/4 HANA	QCVM	MERKMALNR	Consecutive Characteristic Number	S.Internal
30	PF2/WP2	QCVM	SORTNR	Sort Number	S/4 HANA	QCVM	SORTNR	Sort Number	R. Copy from source system
31	PF2/WP2	QCVM	TEXT_ELEM	Assignment of a Characteristic to a Form Text Element	S/4 HANA	QCVM	TEXT_ELEM	Assignment of a Characteristic to a Form Text Element	S.Internal
32	PF2/WP2	QCVM	KATEGORIE	Characteristic Category for Certificates	S/4 HANA	QCVM	KATEGORIE	Characteristic Category for Certificates	S.Internal
33	PF2/WP2	QCVM	ZAEHLER	Plant	S/4 HANA	QCVM	ZAEHLER	Plant	R. Xref as per Plant mapping
34	PF2/WP2	QCVM	MKMNR	Master Inspection Characteristics	S/4 HANA	QCVM	MKMNR	Master Inspection Characteristics	R. Xref as per Master Inspection Characteristics mapping
35	PF2/WP2	QCVM	VERSIONMK	Version Number of the Master Inspection Characteristic	S/4 HANA	QCVM	VERSIONMK	Version Number of the Master Inspection Characteristic	C. Xref as per Master inspection charateristics with Version mapping
36	PF2/WP2	QCVM	CMERKMALID	Internal characteristic	S/4 HANA	QCVM	CMERKMALID	Internal characteristic	Not used
37	PF2/WP2	QCVM	KZHERKWERT	Origin of the Characteristic Result on the Certificate	S/4 HANA	QCVM	KZHERKWERT	Origin of the Characteristic Result on the Certificate	R.Copy from Source system
38	PF2/WP2	QCVM	KZHERKTEXT	Origin of Characteristic Short Text	S/4 HANA	QCVM	KZHERKTEXT	Origin of Characteristic Short Text	R.Copy from Source system
39	PF2/WP2	QCVM	KZAUSGFMT	Characteristic Output Format	S/4 HANA	QCVM	KZAUSGFMT	Characteristic Output Format	C.Copy from Source system
40	PF2/WP2	QCVM	KZMETHODE	Output Inspection Method	S/4 HANA	QCVM	KZMETHODE	Output Inspection Method	C.Xref as per Inspection methods mapping
41	PF2/WP2	QCVM	KZESEL	Level for Result Selection	S/4 HANA	QCVM	KZESEL	Level for Result Selection	R.Copy from Source system
42	PF2/WP2	QCVM	KZHERKVG	Origin of Inspection Specifications	S/4 HANA	QCVM	KZHERKVG	Origin of Inspection Specifications	R.Copy from Source system
43	PF2/WP2	QCVM	KZSTRSKIP	Output Strategy for Skip Characteristics	S/4 HANA	QCVM	KZSTRSKIP	Output Strategy for Skip Characteristics	R.Copy from Source system
44	PF2/WP2	QCVM	MASSEINHSW	Unit of Measurement, in Which Quantitative Data Is Stored	S/4 HANA	QCVM	MASSEINHSW	Unit of Measurement, in Which Quantitative Data Is Stored	S.Internal
45	PF2/WP2	QCVM	AUSGLEN	Output Length	S/4 HANA	QCVM	AUSGLEN	Output Length	Not used
46	PF2/WP2	QCVM	STELLEN	Number of Places to the Right of a Decimal Point (Accuracy)	S/4 HANA	QCVM	STELLEN	Number of Places to the Right of a Decimal Point (Accuracy)	C.Copy from Source system
47	PF2/WP2	QCVM	KZEXPDS	Indicator: Exponential Notation	S/4 HANA	QCVM	KZEXPDS	Indicator: Exponential Notation	Not used
48	PF2/WP2	QCVM	KZOFFSPTX	Additional Text When Result Is Outside Specifications	S/4 HANA	QCVM	KZOFFSPTX	Additional Text When Result Is Outside Specifications	Not used
49	PF2/WP2	QCVM	KZOBL	Indicator: Characteristic Required	S/4 HANA	QCVM	KZOBL	Indicator: Characteristic Required	C. Copy from Source system

50	PF2/WP2	QCVM	VMSORTNR	Sort Number in List of Materials for Certificate Profile	S/4 HANA	QCVM	VMSORTNR	Sort Number in List of Materials for Certificate Profile	Not used
51	PF2/WP2	QCVM	COLUMNSORT	Display by Columns	S/4 HANA	QCVM	COLUMNSORT	Display by Columns	Not used
52	PF2/WP2	QCVM	COLUMNS	Number of Columns	S/4 HANA	QCVM	COLUMNS	Number of Columns	Not used
53	PF2/WP2	QCVM	UNITNRSORT	Sort by Term for Inspected Unit	S/4 HANA	QCVM	UNITNRSORT	Sort by Term for Inspected Unit	Not used
54	PF2/WP2	QCVM	CHARACT_ID1	Characteristic Description for Quality Data Exchange	S/4 HANA	QCVM	CHARACT_ID1	Characteristic Description for Quality Data Exchange	C. Copy from Source system
55	PF2/WP2	QCVMT	CTYP	Certificate Type	S/4 HANA	QCVMT	CTYP	Certificate Type	R.Copy from Source system
56	PF2/WP2	QCVMT	VORLNR	Certificate Profile Number	S/4 HANA	QCVMT	VORLNR	Certificate Profile Number	R.Copy from Source system
57	PF2/WP2	QCVMT	VERSION	Version Number of Certificate Profile	S/4 HANA	QCVMT	VERSION	Version Number of Certificate Profile	S.Internal
58	PF2/WP2	QCVMT	BLOCKNR	Number of Characteristic Block	S/4 HANA	QCVMT	BLOCKNR	Number of Characteristic Block	S.Internal
59	PF2/WP2	QCVMT	MERKMALNR	Consecutive Characteristic Number	S/4 HANA	QCVMT	MERKMALNR	Consecutive Characteristic Number	S.Internal
60	PF2/WP2	QCVMT	SPRACHE	Language Key	S/4 HANA	QCVMT	SPRACHE	Language Key	R.Copy from Source system
61	PF2/WP2	QCVMT	KURZTEXT	Short Text	S/4 HANA	QCVMT	KURZTEXT	Short Text	R. Copy from source system
62	PF2/WP2	QCVV	CTYP	Certificate Type	S/4 HANA	QCVV	CTYP	Certificate Type	R.Copy from Source system
63	PF2/WP2	QCVV	VORLNR	Certificate Profile Number	S/4 HANA	QCVV	VORLNR	Certificate Profile Number	R.Copy from Source system
64	PF2/WP2	QCVV	VERSION	Version Number of Certificate Profile	S/4 HANA	QCVV	VERSION	Version Number of Certificate Profile	S.Internal
65	PF2/WP2	QCVV	VMKATEG	Category of Data Origin (Insp. Lot /Batch) for Certificate	S/4 HANA	QCVV	VMKATEG	Category of Data Origin (Insp. Lot/Batch) for Certificate	R.Copy from Source system
66	PF2/WP2	QCVV	MATNR	Material Number	S/4 HANA	QCVV	MATNR	Material Number	R. Xref as per Material mapping
67	PF2/WP2	QCVV	COUNTER	Sequential Number for Material in a Certificate Profile	S/4 HANA	QCVV	COUNTER	Sequential Number for Material in a Certificate Profile	S.Internal
68	PF2/WP2	QCVV	BLOCKNR	Number of Characteristic Block	S/4 HANA	QCVV	BLOCKNR	Number of Characteristic Block	S.Internal
69	PF2/WP2	QCVV	VMSORTNR	Sort Number in List of Materials for Certificate Profile	S/4 HANA	QCVV	VMSORTNR	Sort Number in List of Materials for Certificate Profile	R.Copy from Source system
70	PF2/WP2	QCVV	HERKUNFT	Inspection Lot Origin	S/4 HANA	QCVV	HERKUNFT	Inspection Lot Origin	C. Copy from Source system
71	PF2/WP2	QCVV	ART	Inspection Type	S/4 HANA	QCVV	ART	Inspection Type	C.Copy from Source system
72	PF2/WP2	QCVV	KZGUTLOSE	Indicator: Only Lots Whose Usage Decision is OK	S/4 HANA	QCVV	KZGUTLOSE	Indicator: Only Lots Whose Usage Decision is OK	C.Copy from Source system
73	PF2/WP2	QCVV	MINQKZ	Minimum Quality Score for Good Quality	S/4 HANA	QCVV	MINQKZ	Minimum Quality Score for Good Quality	Not used
74	PF2/WP2	KONDI	KNUMH	Cond.Record No.	S/4 HANA	KONDI	KNUMH	Cond.Record No.	S.Internal
75	PF2/WP2	KONDI	CTYP	CertificateType	S/4 HANA	KONDI	CTYP	CertificateType	R.Copy from Source system
76	PF2/WP2	KONDI	VORLNR	Certificate Profile Number	S/4 HANA	KONDI	VORLNR	Certificate Profile Number	R.Copy from Source system
77	PF2/WP2	KONDI	VERSION	Version No.	S/4 HANA	KONDI	VERSION	Version No.	S.Internal
78	PF2/WP2	KONDI	ERSTELLER	Created By	S/4 HANA	KONDI	ERSTELLER	Created By	S.Internal
79	PF2/WP2	KONDI	ERSTELDAT	Created On	S/4 HANA	KONDI	ERSTELDAT	Created On	S.Internal
80	PF2/WP2	KOTI001	KAPPL	Application	S/4 HANA	KOTI001	KAPPL	Application	S.Copy from Source system
81	PF2/WP2	KOTI001	KSCHL	Assignment type	S/4 HANA	KOTI001	KSCHL	Assignment type	S.Copy from Source system
82	PF2/WP2	KOTI001	MATNR	Material	S/4 HANA	KOTI001	MATNR	Material	C.Xref as per Material mapping

83	PF2/WP2	KOTI001	DATBI	Valid To	S/4 HANA	KOTI001	DATBI	Valid To	C.Copy from Source system
84	PF2/WP2	KOTI001	DATAB	Valid From	S/4 HANA	KOTI001	DATAB	Valid From	C.Copy from Source system
85	PF2/WP2	KOTI001	KNUMH	Cond.Record No.	S/4 HANA	KOTI001	KNUMH	Cond.Record No.	S.Internal
86	PF2/WP2	KOTI002	KAPPL	Application	S/4 HANA	KOTI002	KAPPL	Application	S.Internal
87	PF2/WP2	KOTI002	KSCHL	Assignment type	S/4 HANA	KOTI002	KSCHL	Assignment type	S.Internal
88	PF2/WP2	KOTI002	MATNR	Material	S/4 HANA	KOTI002	MATNR	Material	C.Xref as per Material mapping
89	PF2/WP2	KOTI002	KNDNR	Customer	S/4 HANA	KOTI002	KNDNR	Customer	C. Xref as per BP customer mapping
90	PF2/WP2	KOTI002	DATBI	Valid To	S/4 HANA	KOTI002	DATBI	Valid To	C.Copy from Source system
91	PF2/WP2	KOTI002	DATAB	Valid From	S/4 HANA	KOTI002	DATAB	Valid From	C.Copy from Source system
92	PF2/WP2	KOTI002	KNUMH	Cond.Record No.	S/4 HANA	KOTI002	KNUMH	Cond.Record No.	S.Internal
93	PF2/WP2	KOTI501	KAPPL	Application	S/4 HANA	KOTI501	KAPPL	Application	S.Internal
94	PF2/WP2	KOTI501	KSCHL	Assignment type	S/4 HANA	KOTI501	KSCHL	Assignment type	S.Internal
95	PF2/WP2	KOTI501	WERKS	Plant	S/4 HANA	KOTI501	WERKS	Plant	C.Xref as per Plant mapping
96	PF2/WP2	KOTI501	MATNR	Material	S/4 HANA	KOTI501	MATNR	Material	C.Xref as per Material mapping
97	PF2/WP2	KOTI501	DATBI	Valid To	S/4 HANA	KOTI501	DATBI	Valid To	C.Copy from Source system
98	PF2/WP2	KOTI501	DATAB	Valid From	S/4 HANA	KOTI501	DATAB	Valid From	C.Copy from Source system
99	PF2/WP2	KOTI501	KNUMH	Cond.Record No.	S/4 HANA	KOTI501	KNUMH	Cond.Record No.	S.Internal
100	PF2/WP2	KOTI502	KAPPL	Application	S/4 HANA	KOTI502	KAPPL	Application	S.Internal
101	PF2/WP2	KOTI502	KSCHL	Assignment type	S/4 HANA	KOTI502	KSCHL	Assignment type	S.Internal
102	PF2/WP2	KOTI502	WERKS	Plant	S/4 HANA	KOTI502	WERKS	Plant	C.Xref as per Plant mapping
103	PF2/WP2	KOTI502	MATNR	Material	S/4 HANA	KOTI502	MATNR	Material	C.Xref as per Material mapping
104	PF2/WP2	KOTI502	KNDNR	Customer	S/4 HANA	KOTI502	KNDNR	Customer	C. Xref as per BP customer mapping
105	PF2/WP2	KOTI502	DATBI	Valid To	S/4 HANA	KOTI502	DATBI	Valid To	C.Copy from Source system
106	PF2/WP2	KOTI502	DATAB	Valid From	S/4 HANA	KOTI502	DATAB	Valid From	C.Copy from Source system
107	PF2/WP2	KOTI502	KNUMH	Cond.Record No.	S/4 HANA	KOTI502	KNUMH	Cond.Record No.	S.Internal
108	PF2/WP2	KOTI901	KAPPL	Application	S/4 HANA	KOTI901	KAPPL	Application	S.Internal
109	PF2/WP2	KOTI901	KSCHL	Assignment type	S/4 HANA	KOTI901	KSCHL	Assignment type	S.Internal
110	PF2/WP2	KOTI901	KUNWE	Ship-To Party	S/4 HANA	KOTI901	KUNWE	Ship-To Party	C.Xref as per BP customer partner function mapping
111	PF2/WP2	KOTI901	MATNR	Material	S/4 HANA	KOTI901	MATNR	Material	C.Xref as per Material mapping
112	PF2/WP2	KOTI901	DATBI	Valid to	S/4 HANA	KOTI901	DATBI	Valid to	C.Copy from Source system
113	PF2/WP2	KOTI901	DATAB	Valid From	S/4 HANA	KOTI901	DATAB	Valid From	C.Copy from Source system
114	PF2/WP2	KOTI901	KNUMH	Cond.record no.	S/4 HANA	KOTI901	KNUMH	Cond.record no.	S.Internal
115	PF2/WP2	KOTI902	KAPPL	Application	S/4 HANA	KOTI902	KAPPL	Application	S.Internal
116	PF2/WP2	KOTI902	KSCHL	Assignment type	S/4 HANA	KOTI902	KSCHL	Assignment type	S.Internal
117	PF2/WP2	KOTI902	KUNWE	Ship-To Party	S/4 HANA	KOTI902	KUNWE	Ship-To Party	C.Xref as per BP customer partner function mapping
118	PF2/WP2	KOTI902	MATKL	Material Group	S/4 HANA	KOTI902	MATKL	Material Group	C.Xref as per Material Group mapping
119	PF2/WP2	KOTI902	DATBI	Valid to	S/4 HANA	KOTI902	DATBI	Valid to	C.Copy from Source system
120	PF2/WP2	KOTI902	DATAB	Valid From	S/4 HANA	KOTI902	DATAB	Valid From	C.Copy from Source system
121	PF2/WP2	KOTI902	KNUMH	Cond.record no.	S/4 HANA	KOTI902	KNUMH	Cond.record no.	S.Internal
122	PF2/WP2	KOTI903	KAPPL	Application	S/4 HANA	KOTI903	KAPPL	Application	S.Internal
123	PF2/WP2	KOTI903	KSCHL	Assignment type	S/4 HANA	KOTI903	KSCHL	Assignment type	S.Internal
124	PF2/WP2	KOTI903	WERKS	Plant	S/4 HANA	KOTI903	WERKS	Plant	C.Xref as per Plant mapping
125	PF2/WP2	KOTI903	KUNWE	Ship-To Party	S/4 HANA	KOTI903	KUNWE	Ship-To Party	C.Xref as per BP customer partner function mapping
126	PF2/WP2	KOTI903	MATKL	Material Group	S/4 HANA	KOTI903	MATKL	Material Group	C.Xref as per Material Group mapping
127	PF2/WP2	KOTI903	DATBI	Valid to	S/4 HANA	KOTI903	DATBI	Valid to	C.Copy from Source system
128	PF2/WP2	KOTI903	DATAB	Valid From	S/4 HANA	KOTI903	DATAB	Valid From	C.Copy from Source system
129	PF2/WP2	KOTI903	KNUMH	Cond.record no.	S/4 HANA	KOTI903	KNUMH	Cond.record no.	S.Internal
130	PF2/WP2	KOTI904	KAPPL	Application	S/4 HANA	KOTI904	KAPPL	Application	S.Internal
131	PF2/WP2	KOTI904	KSCHL	Assignment type	S/4 HANA	KOTI904	KSCHL	Assignment type	S.Internal
132	PF2/WP2	KOTI904	WERKS	Plant	S/4 HANA	KOTI904	WERKS	Plant	C.Xref as per Plant mapping
133	PF2/WP2	KOTI904	MATKL	Material Group	S/4 HANA	KOTI904	MATKL	Material Group	C.Xref as per Material Group mapping

134	PF2/WP2	KOTI904	DATBI	Valid to	S/4 HANA	KOTI904	DATBI	Valid to	C.Copy from Source system
135	PF2/WP2	KOTI904	DATAB	Valid From	S/4 HANA	KOTI904	DATAB	Valid From	C.Copy from Source system
136	PF2/WP2	KOTI904	KNUMH	Cond.record no.	S/4 HANA	KOTI904	KNUMH	Cond.record no.	S.Internal
137	PF2/WP2	KOTI905	KAPPL	Application	S/4 HANA	KOTI905	KAPPL	Application	S.Internal
138	PF2/WP2	KOTI905	KSCHL	Assignment type	S/4 HANA	KOTI905	KSCHL	Assignment type	S.Internal
139	PF2/WP2	KOTI905	VKORG	Sales Org.	S/4 HANA	KOTI905	VKORG	Sales Org.	C.Xref as per Sales org mapping
140	PF2/WP2	KOTI905	MATKL	Material Group	S/4 HANA	KOTI905	MATKL	Material Group	C.Xref as per Material Group mapping
141	PF2/WP2	KOTI905	DATBI	Valid to	S/4 HANA	KOTI905	DATBI	Valid to	C.Copy from Source system
142	PF2/WP2	KOTI905	DATAB	Valid From	S/4 HANA	KOTI905	DATAB	Valid From	C.Copy from Source system
143	PF2/WP2	KOTI905	KNUMH	Cond.record no.	S/4 HANA	KOTI905	KNUMH	Cond.record no.	S.Internal
144	PF2/WP2	KOTI907	KAPPL	Application	S/4 HANA	KOTI907	KAPPL	Application	S.Internal
145	PF2/WP2	KOTI907	KSCHL	Assignment type	S/4 HANA	KOTI907	KSCHL	Assignment type	S.Internal
146	PF2/WP2	KOTI907	WERKS	Plant	S/4 HANA	KOTI907	WERKS	Plant	C.Xref as per Plant mapping
147	PF2/WP2	KOTI907	KUNWE	Ship-To Party	S/4 HANA	KOTI907	KUNWE	Ship-To Party	C.Xref as per BP customer master partner function mapping
148	PF2/WP2	KOTI907	MATKL	Material Group	S/4 HANA	KOTI907	MATKL	Material Group	C.Xref as per Material Group mapping
149	PF2/WP2	KOTI907	ZQ_OUTYPE	Condition type	S/4 HANA	KOTI907	ZQ_OUTYPE	Condition type	C.Copy from Source system
150	PF2/WP2	KOTI907	DATBI	Valid to	S/4 HANA	KOTI907	DATBI	Valid to	C.Copy from Source system
151	PF2/WP2	KOTI907	DATAB	Valid From	S/4 HANA	KOTI907	DATAB	Valid From	C.Copy from Source system
152	PF2/WP2	KOTI907	KNUMH	Cond.record no.	S/4 HANA	KOTI907	KNUMH	Cond.record no.	S.Internal
153	PF2/WP2	KOTI908	KAPPL	Application	S/4 HANA	KOTI908	KAPPL	Application	S.Internal
154	PF2/WP2	KOTI908	KSCHL	Assignment type	S/4 HANA	KOTI908	KSCHL	Assignment type	S.Internal
155	PF2/WP2	KOTI908	WERKS	Plant	S/4 HANA	KOTI908	WERKS	Plant	C.Xref as per Plant mapping
156	PF2/WP2	KOTI908	MATKL	Material Group	S/4 HANA	KOTI908	MATKL	Material Group	C.Xref as per Material Group mapping
157	PF2/WP2	KOTI908	ZQ_OUTYPE	Condition type	S/4 HANA	KOTI908	ZQ_OUTYPE	Condition type	C.Copy from Source system
158	PF2/WP2	KOTI908	DATBI	Valid to	S/4 HANA	KOTI908	DATBI	Valid to	C.Copy from Source system
159	PF2/WP2	KOTI908	DATAB	Valid From	S/4 HANA	KOTI908	DATAB	Valid From	C.Copy from Source system
160	PF2/WP2	KOTI908	KNUMH	Cond.record no.	S/4 HANA	KOTI908	KNUMH	Cond.record no.	S.Internal
161	PF2/WP2	STXH	TDOBJECT	Text Object	S/4HANA	STXH	TDOBJECT	Text Object	Default to "QCVK"
162	PF2/WP2	STXH	TDNAME	Text Name	S/4HANA	STXH	TDNAME	Text Name	The STXH table data will be migrated as-is from the current system to S/4HANA, with no modifications, ensuring consistency and traceability of existing records. TDNAME= 'CTYP+VORLNR+VERSION'
163	PF2/WP2	STXH	TDID	Text ID	S/4HANA	STXH	TDID	Text ID	The STXH table data will be migrated as-is from the current system to S/4HANA, with no modifications, ensuring consistency and traceability of existing records. Default to 'LTXT'
164	PF2/WP2	STXH	TDSPRAS	Language Key	S/4HANA	STXH	TDSPRAS	Language Key	The STXH table data will be migrated as-is from the current system to S/4HANA, with no modifications, ensuring consistency and traceability of existing records.
165	PF2/WP2	STXH	TDVERSION	Version Number of Text	S/4HANA	STXH	TDVERSION	Version Number of Text	The STXH table data will be migrated as-is from the current system to S/4HANA, with no modifications, ensuring consistency and traceability of existing records.
166	PF2/WP2	STXH	TDLOCK	Lock Indicator for Text	S/4HANA	STXH	TDLOCK	Lock Indicator for Text	The STXH table data will be migrated as-is from the current system to S/4HANA, with no modifications, ensuring consistency and traceability of existing records.
167	PF2/WP2	STXL	CLUSTD	Text Line (Compressed)	S/4HANA	STXL	CLUSTD	Text Line (Compressed)	The STXL table data will be migrated as-is from the current system to S/4HANA, with no modifications, ensuring consistency and traceability of existing records.
168	PF2/WP2	STXL	TDOBJECT	Text Object (Reference from STXH)	S/4HANA	STXL	TDOBJECT	Text Object	Default to"QCVK"
169	PF2/WP2	STXL	TDNAME	Text Name	S/4HANA	STXL	TDNAME	Text Name	The STXH table data will be migrated as-is from the current system to S/4HANA, with no modifications, ensuring consistency and traceability of existing records.
170	PF2/WP2	STXL	TDSPO	Text Line Sequence	S/4HANA	STXL	TDID	Text ID	The STXH table data will be migrated as-is from the current system to S/4HANA, with no modifications, ensuring consistency and traceability of existing records. Default to 'LTXT'

Transformation Mapping

Mapping Table Name	Mapping Table Description
Plant	Mapping of legacy Plants to To-Be Plants in S/4HANA
Material Number	Mapping/normalization of Material numbers (legacy format) to the 18-char S/4 MATNR used in MAPL assignment.
Inspection Type	Mapping of Legacy Inspection type to S/4 Inspection type used in QCVK-ART
Master Inspection Characteristics	Mapping of Legacy MICs to S/4 MICs used in QCVM-MKMNR
Version Number of the Master Inspection Characteristic	Mapping of Legacy MICs Version number to S/4 MICs Version number used in QCVM-VERSIONMK
Inspection Method	Mapping of Legacy Inspection Methods to S/4 Inspection Methods used in QCVM-KZMETHODE
Customer	Mapping of Legacy Customer to S/4 Customer used in KOTI502-KNDNR
Ship-To Party	Mapping of Legacy Ship-To-Party to S/4 Ship-To-Party used in KOTI901-KUNWE, KOTI902-KUNWE, KOTI903-KUNWE
Material Group	Mapping of Legacy Material group to S/4 Material group used in KOTI902-MATKL, KOTI903-MATKL, KOTI904-MATKL, KOTI907-MATKL, KOTI908-MATKL, KOTI905-MATKL
Sales Org.	Mapping of Legacy Sales org to S/4 Sales org used in KOTI905-VKORG

Transformation Dependencies

List the steps that need to occur before transformation can commence

1	Value Mappings are according to the latest design - <List of Value Mappings>	SyWay Data Team

Pre-Load Validation

Project Team

Completeness

Task	Action
Compare Data Counts	1. Verify row counts between source and target databases. 2. Identify missing or duplicated records.
Validate the mandatory fields	Validate there is value for all the mandatory fields
Validate Primary Keys and Unique Constraints	1. Check for duplicate or missing primary key values. 2. Ensure unique constraints are maintained.
Test Referential Integrity	Confirm dependent records exist in related tables

Accuracy

Task	Action
Validate the transformation	Validate the fields which require transformation have the value after transformation instead of the original field value

Check Data Consistency	1. Compare field values across systems 2. Validate data formats and structures

Business

Completeness

Task	Action
Compare Data Count	1. Verify row counts between source and target databases. 2. Identify missing or duplicated records.
Review populated templates for missing or incorrect values	Use checklists to verify completeness and correctness before submission

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	Load Scope Definition - Identify the target system and database structure. - Define data objects (tables, fields, records) to be loaded. - Establish business rules for data validation.	Data team
2	Load Methodology - Specify the loading tools and technologies (Migration Cockpit, LSMW, custom loading program).	Syniti
3	Data Quality and Validation - Ensure data integrity checks (null values, duplicates, format validation). - Perform pre-load validations to verify completeness. - Define error handling mechanisms for load failures	Syniti
4	Load Execution Plan - Establish execution timelines and batch processing schedules. - Assign responsibilities for monitoring execution. - Document dependencies on other migration tasks	Syniti

5	Logging and Reporting - Maintain detailed logs of loading activities. - Generate summary reports on loaded data volume and quality. - Define escalation procedures for errors	Syniti

Load Phase and Dependencies

The Certificate Profiles will be loaded in the pre-cutover (PreCutover 4 phase) period.

Before loading, it will have dependency on the following configuration and data objects in the S/4 HANA.

Configuration

Item #	Configuration Item
1	TQ05 - Certificate Type
2	QCVK - Certificate Profile Number
3	ONR00 - Object number
4	TJ03 - Object Category
5	TJ20 - Status Profile
6	TQ31 - Inspection Lot Origin
7	TQ30 - Inspection Type
8	TQ68 - Configuration of Characteristics Field
9	QCVM - Consecutive Characteristic Number
10	T001W - Plant
11	TQ61 - Origin of the Characteristic Result on the Certificate
12	TQ64 - Origin of Characteristic Short Text
13	TQ63 - Origin of Inspection Specifications
14	TQ62 - Output Strategy for Skip Characteristics
15	T006 - Unit of Measurement, in Which Quantitative Data Is Stored
16	T002 - Language Key
17	TQ05 - Certificate Type
18	T681A - Application
19	T685 - Assignment type
20	T023 - Material Group

Conversion Objects

Object #	Preceding Object Conversion Approach
1043	Inspection methods (Inspection methods must exist before assignment to plan)
1057	Master Inspection Characteristics (MICs must exist before assignment to plan)
2009	Material Master (QM View must exist before Inspection Plan assignment)
3003	Business Partners - Customer (Sales and Service)

Error Handling

Error Type	Error Description	Action Taken
1	Material Master (QM View) does not exist for the plant/material combination	Ensure that the Material Master with QM View is created and valid before plan migration
2	Master Inspection Characteristic (MIC) referenced in Certificate profiles does not exist or is invalid	Validate that MICs exist, are active, and correctly mapped before migration
3	Inspection method referenced in Certificate profiles does not exist or is invalid	Validate that Inspection methods exist, are active, and correctly mapped before migration
4	Customers referenced in Certificate profiles does not exist or is invalid	Validate that Customers exist, are active, and correctly mapped before migration
5	Customers ship-to-party partner function referenced in Certificate profiles does not exist or is invalid	Validate that Customers ship-to-party partner function exist, are active, and correctly mapped before migration
6	Material group referenced in Certificate profiles does not exist or is invalid	Validate that Material groups exist, are active, and correctly mapped before migration

Post-Load Validation

Project Team

Completeness

Task	Action
Validate Record count in the backend	Validate all tables with prefix “QINF” has the same records as the loading file
Display Records	Pick up a few random Material Listing or Material Exclusions, and run t-code: QI03 to validate the QIR and can be displayed without any error.
Perform Source-to-Target Comparisons	1. Validate that migrated data matches source records. 2. Check for discrepancies in numerical values, text fields, and timestamps

Accuracy

Task	Action
Execute Sample Queries and Reports	1. Run queries to validate business logic. 2. Generate reports to compare expected vs. actual results
Conduct Post-Migration Reconciliation	Generate reports comparing pre- and post-migration data.

Business

Post-load validation is a critical step in data migration, ensuring that transferred data is accurate, complete, and functional within the target system.

1. Ensuring Data Integrity
After migration, data must be consistent with its original structure. Post-load validation checks for missing records, incorrect mappings, and formatting errors to prevent discrepancies.
2. Business Continuity
Faulty data can disrupt operations, leading to financial losses and inefficiencies. Validating post-load data ensures that applications function as expected, preventing downtime.
3. Error Detection and Resolution
By validating data post-migration, businesses can detect anomalies early, reducing the cost and effort required for corrections

Completeness

Task	Action
Perform Source-to-Target Comparisons	1. Validate that migrated data matches source records. 2. Check for discrepancies in numerical values, text fields, and timestamps
Conduct Post-Migration Reconciliation	Go through reports comparing pre- and post-migration data.

Accuracy

Task	Action
Perform Manual Testing	Conduct manual spot-checks for additional assurance.

Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- Certificate Profiles 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.
- Data entries in DCT are target-ready data unless a specific transformation rule is stated for that field in the transformation rules.

See also

2009-Material Master QM view

1057-Master Inspection Characteristics

1043-Inspection Methods

3003-Business Partners Customers(Sales/Service)

Change log

Version	Published	Changed By	Comment
CURRENT (v. 22)	**Mar 25, 2026 14:04**	**REDDY-ext, Naren**	
v. 21	Feb 24, 2026 11:43	**REDDY-ext, Naren**	Removed the CUI object statement from Purpose
v. 20	Feb 20, 2026 13:51	**REDDY-ext, Naren**	Added VERSION field across DCT tables
v. 19	Feb 17, 2026 16:23	**REDDY-ext, Naren**	Added QCVV-VMSORTNR, QCVM-KATEGORIE fields to DCT
v. 18	Feb 17, 2026 15:21	**REDDY-ext, Naren**	Updated the DCT for Long text
v. 17	Feb 16, 2026 14:00	**REDDY-ext, Naren**	Updated DCT template
v. 16	Nov 28, 2025 14:57	**REDDY-ext, Naren**	Updated the Validation reports link(Post load validation)
v. 15	Nov 27, 2025 14:05	**REDDY-ext, Naren**	Removed STXH-TDLOCK, STXL-TDSPO from transformation rules
v. 14	Nov 21, 2025 14:44	**REDDY-ext, Naren**	Updated Transformation mappings for Material group as per Inline comments

v. 13	Nov 21, 2025 13:27	**REDDY-ext, Naren**

Go to Page History

Workflow history

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

From Nov 27, 2025 to Mar 25, 2026	Actor	Type	Activity	Version
Approved	REDDY-ext, Naren	Edit	updated the page at 2:05 pm	
Nov 24, 2025				
	TAN-ext, Charmaine	State	changed state to Approved at 1:03 pm (State override) *[PMO Comments] Conversion Spec completed as per CS register and functional review completed*	v14
Edited following Tech Review	TAN-ext, Charmaine	State	gave *Minor change* approval at 1:03 pm *[PMO Comments] Conversion Spec completed as per CS register and functional review completed*	
Nov 21, 2025				
	REDDY-ext, Naren	Edit	updated the page at 1:27 pm	
	REDDY-ext, Naren	State	changed state to Edited following Tech Review at 12:27 pm	v13