

CNV-1150 GTS - Supplier/Customer-based LTSD

Status	Approved
Owner	RAYUDU-ext, Narasimha Kumar
Stakeholders	

Purpose

The purpose of this document is to define the conversion approach to create GTS - Supplier/Customer-based LTSD in S/4 HANA.

Long-term supplier declarations (LTSD) proposals are created based on the feeder system documents transferred (purchase orders and/or goods receipts). Users can manage requests for LTSDs to their suppliers in addition to reminders for open requests. Customer-based LTSD refers to an Outbound Long-Term Supplier's Declaration (LTSD) that a company issues to its customers, rather than receives from suppliers. An LTSD is a declaration of preferential origin for goods, and while suppliers provide them to manufacturers, manufacturers (acting as suppliers to their customers) can also issue them to their own customers. These outbound LTSDs are typically based on company's billing documents and confirm that the goods are being sold meet the origin requirements for preferential tariff treatment under free trade agreements.

In SAP GTS (Global Trade Services), GTS - LTSD Request can be requested and managed through various functions. Users can request LTSDs with or without reference to logistics documents, or through an annual run process. The system allows for requesting, reminding, and maintaining LTSDs, including features for mass maintenance and partner material information transfer.

As part of the Syway program, WGP - GTS 11.0 will be upgraded to SAP S/4 GTS E4H Edition. For this master data object, the data must be extracted from the current system and loaded into the new GTS E4H system with minimal transformations.

Conversion Scope

The scope of this document covers the approach for converting active GTS - Supplier/Customer-based LTSD from Legacy Source Systems into S /4HANA following the GTS - Supplier/Customer-based LTSD Master Data Design Standard.

The data from legacy system includes:

- 1. **Data Migrated Current Year -2 Years. Examples are provided in 3) Scenario Based**
 - a. VALIDITY_START_DATE
 - b. VALIDITY_END_DATE
- 2. **Declaration Validity**
 - 1.The declaration must be valid (i.e., within its validity period).
 - 2.The linked supplier or customer must be active.
 - 3.The declaration must not be cancelled.
- 3. **Scenario-Based Migration Decisions (For Eg: Go-Live Date: July 2026)**
 - 1. If the LTSD is valid until December 2026 (same year as Go-Live), migrate the record.
 - 2. If the LTSD is valid until December 2027 or later (future years), migrate the record.
 - 3. If the LTSD is valid until January 2026 (same year as Go-Live), migrate the record.
 - 4. If the LTSD is valid until January 2025, migrate the record to maintain two years of historical data (i.e., keep records from 2024, 2025, and 2026).

List of source systems and approximate number of records

Source	Scope	Source Approx No. of Records	Target System	Target Approx No. of Records
WGP	TBD			

Additional Information

Multi-language Requirement

NA

Document Management

NA

Legal Requirement

NA

Special Requirements

NA

Target Design

The technical design of the target for this conversion approach.

Table	Field	Data Element	Field Description	Data Type	Length	Requirement
/SAPSL /DOOHD	DOOHD_UUID	/SAPSL/UUID	Document of Origin UUID	RAW	16	System
/SAPSL /DOOHD	CATEGORY	/SAPSL/CATEGORY	Document of Origin Category	CHAR	4	Mandatory
/SAPSL /DOOHD	TYPE	/SAPSL/TYPE	Document of Origin Type	CHAR	4	Mandatory
/SAPSL /DOOHD	ADMIN_UNIT	/SAPSL/ADMIN_UNIT	Administrative Unit	CHAR	10	Mandatory
/SAPSL /DOOHD	LOGICAL_SYSTEM_GROUP	/SAPSL/LOGSYS_GRP	Logical System Group	CHAR	10	Mandatory
/SAPSL /DOOHD	PARTNER	/SAPSL/PARTNER	Business Partner Number	CHAR	12	Mandatory
/SAPSL /DOOHD	PARTNER_ADRNR	/SAPSL/ADRNR	Address Number of Entry in Address File	CHAR	10	Mandatory
/SAPSL /DOOHD	DOC_OF_ORIGIN	/SAPSL/DOC_ORIGIN	Document of Origin	CHAR	35	Mandatory
/SAPSL /DOOHD	DIRECTION	/SAPSL/DIRECTION	Document of Origin Direction	CHAR	1	Mandatory
/SAPSL /DOOHD	EXT_DOO_REFERENCE	/SAPSL /EXT_DOO_REF	Supplier Document of Origin Reference	CHAR	35	Mandatory
/SAPSL /DOOHD	AGGRGD_PREF_STAT	/SAPSL /AGGR_PREF_STAT	Aggregated Preference Status	CHAR	1	Mandatory
/SAPSL /DOOHD	ISSUE_DATE	/SAPSL/ISSUE_DATE	Date of Issue	DATS	8	Mandatory
/SAPSL /DOOHD	ISSUE_STATUS	/SAPSL /ISSUE_STATUS	Document of Origin - Issue Status	CHAR	1	Mandatory
/SAPSL /DOOHD	OUTPUT FAILED	/SAPSL/OUTP_FAILED	Output Failed	CHAR	1	Mandatory
/SAPSL /DOOHD	IS_REISSUE	/SAPSL/IS_REISSUE	Document of Origin Reissue	CHAR	1	Mandatory
/SAPSL /DOOHD	RELEASE_STATUS	/SAPSL /RELEASE_STATUS	Document of Origin - Release Status	CHAR	1	Mandatory
/SAPSL /DOOHD	CANCELLATION_DATE	/SAPSL /CANCEL_DATE	Document of Origin - Cancellation Date	DATS	8	Mandatory
/SAPSL /DOOHD	IS_MIGRATED	/SAPSL/ISMIGRATED	Object Originates from Migration	CHAR	1	Mandatory
/SAPSL /DOOHD	PARTNER_ADRNR_REFTYPE	/SAPSL /ADRNR_REFTYPE	Address Source	CHAR	4	Mandatory
/SAPSL /DOOHD	VALIDITY_START_DATE	/SAPSL/VALID_FROM	LTSD Validity Start	DATS	8	Mandatory
/SAPSL /DOOHD	VALIDITY_END_DATE	/SAPSL/VALID_TO	LTSD Validity End	DATS	8	Mandatory
/SAPSL /DOOHD	HOLD	/SAPSL/HOLD	On Hold	CHAR	1	Mandatory
/SAPSL /DOOHD	REMARK	/SAPSL/REMARK	Note for Document of Origin	CHAR	255	Mandatory
/SAPSL /DOOHD	CONTACT_PERSON	/SAPSL /CONTACT_PERS	Contact Person (User)	CHAR	12	Mandatory
/SAPSL /DOOHD	EXT_REQ_REFERENCE	/SAPSL /EXT_REQ_REF	Customer LTSD Request Reference	CHAR	35	Mandatory

/SAPSL /DOOHD	IC_PROCESSING_TYPE	/SAPSL /IC_PROC_TYPE	Cross-Company-Code Process Type	CHAR	4	Mandatory
/SAPSL /DOOHD	IC_DOOHD_UUID	/SAPSL/UUID	Document of Origin UUID	RAW	16	System
/SAPSL /DOOHD	CREA_DATE_TIME	/SAPSL/CREA_DTTM	UTC Time Stamp in Long Form (YYMMDDhhmmssmmuuun)	TIMESTAMP	15	Mandatory
/SAPSL /DOOHD	CREA_UNAME	/SAPSL /CREA_UNAME	User Name	CHAR	12	Mandatory
/SAPSL /DOOHD	LCHG_DATE_TIME	/SAPSL/LCHG_DTTM	UTC Time Stamp in Long Form (YYMMDDhhmmssmmuuun)	TIMESTAMP	15	Mandatory
/SAPSL /DOOHD	LCHG_UNAME	/SAPSL /LCHG_UNAME	User Name	CHAR	12	Mandatory
/SAPSL /DOOHD	DUMMY	/SAPSL/DUMMY	Single-Character Flag	CHAR	1	Mandatory
/SAPSL /DOOIT	DOOIT_UUID	/SAPSL/UUID	Document of Origin Item UUID	RAW	16	System
/SAPSL /DOOIT	DOOHD_UUID	/SAPSL/UUID	Document of Origin UUID	RAW	16	System
/SAPSL /DOOIT	PRODUCT_UUID	/SAPSL/UUID	Product UUID	RAW	16	System
/SAPSL /DOOIT	HS_CODE	/SAPSL/HS_CODE	Commodity Code	CHAR	18	Mandatory
/SAPSL /DOOIT	NUMBER_SCHEME	/SAPSL /NUM_SCHEME	Numbering Scheme	CHAR	4	Mandatory
/SAPSL /DOOIT	RELEASE_DATE	/SAPSL/REL_DATE	Release Date	DATS	8	Mandatory
/SAPSL /DOOIT	RELEASE_STATUS	/SAPSL/REL_STATUS	Release Status	CHAR	1	Mandatory
/SAPSL /DOOIT	AGGRGD_PREF_STAT	/SAPSL /AGGR_PREF_STAT	Aggregated Preference Status	CHAR	1	Mandatory
/SAPSL /DOOIT	SOURCE	/SAPSL/SOURCE	Item Source	CHAR	1	Mandatory
/SAPSL /DOOIT	DUMMY	/SAPSL/DUMMY	Single-Character Flag	CHAR	1	Mandatory
/SAPSL /DOOPS	DOOPS_UUID	/SAPSL/UUID	Preference Statement UUID	RAW	16	System
/SAPSL /DOOPS	DOOIT_UUID	/SAPSL/UUID	Document of Origin Item UUID	RAW	16	System
/SAPSL /DOOPS	DOOHD_UUID	/SAPSL/UUID	Document of Origin UUID	RAW	16	System
/SAPSL /DOOPS	PREF_TRADE_AGREEMENT	/SAPSL/PREFTA	Agreement	CHAR	10	Mandatory
/SAPSL /DOOPS	ISSUE_STATUS	/SAPSL /ISSUE_STATUS	Issue Status	CHAR	1	Mandatory
/SAPSL /DOOPS	PREF_STMNT_DET_N_DATE	/SAPSL /PREF_ST_DET_DATE	Preference Determination Date	DATS	8	Mandatory
/SAPSL /DOOPS	PROCUREMENT_INDICATOR	/SAPSL/PROC_IND	Procurement	CHAR	1	Mandatory
/SAPSL /DOOPS	PREF_STATEMENT_CODE	/SAPSL /PREF_STMT_CODE	Cust.Pref.Statement	CHAR	4	Mandatory
/SAPSL /DOOPS	INTERNAL_PREF_STATUS	/SAPSL /INT_PREF_STATUS	Int.Pref.Statement LTSD	CHAR	1	Mandatory
/SAPSL /DOOPS	PREF_INDICATOR_SCHEME	/SAPSL /PREF_IND_SCHEME	Schema for Pref. Statements	CHAR	4	Mandatory
/SAPSL /DOOPS	PREF_STMNT_CODE_CHANGED_MNLLY	/SAPSL /PREF_STMT_CHG_MNL	Changed Manually	CHAR	1	Mandatory
/SAPSL /DOOPS	PREF_MODEL_ID	/SAPSL /PREF_MODEL_ID	Preference Model ID	CHAR	10	System
/SAPSL /DOOPS	SOURCE	/SAPSL/SOURCE	Source	CHAR	1	Mandatory

/SAPSL /DOOPS	DUMMY	/SAPSL/DUMMY	Single-Character Flag	CHAR	1	Mandatory
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Data Cleansing

ID	Criticality	Error Message/Report Description	Rule	Output	Source System
NA					

Conversion Process

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



Data Privacy and Sensitivity

NA

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	Obtain Transformation Rules Sign-off from Business.	SCM Data Team
2	In dspMigrate, select the wave – S4/HANA – INT-GTS	Syniti
3	Go to Process Area Launch and Process the Object – GTS - Supplier/Customer-based LTSD	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

Selection Screen

Selection Ref Screen	Parameter Name	Selection Type	Requirement	Value to be entered/set
NA				

Data Collection Template (DCT)

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

DCT Rules

Field Name	Field Description	Rule
NA		

Extraction Dependencies

Item #	Step Description	Team Responsible
1	Extract data from source systems WGP	Syniti
2	Populate in a report in a Downloadable format	Syniti
3	Data is validated in ADMM Tool	SyWay Data Team
5	The data which has passed validation will be used for transformation/further processing	Business/Data Owners

Transformation

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

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

Transformation Run Sheet

Item #	Step Description	Team Responsible
1	Obtain Transformation Rules Sign-off from Business.	SCM Data Team

2	In dspMigrate, select the wave – S4/HANA – INT-GTS	Syniti
3	Go to Process Area Launch and Process the Object – GTS LTSD Request	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

Rule #	Source system	Source Table	Source Field	Source Description	Target System	Target Table	Target Field	Target Description	Transformation Logic
1	WGP	/SAPSL/DOOHD	DOOHD_UUID	Document of Origin UUID	S/4 HANA GTS	/SAPSL/DOOHD	DOOHD_UUID	Document of Origin UUID	This Field should be used as a Link to Header and Item table
2	WGP	/SAPSL/DOOHD	CATEGORY	Document of Origin Category	S/4 HANA GTS	/SAPSL/DOOHD	CATEGORY	Document of Origin Category	Direct Mapping
3	WGP	/SAPSL/DOOHD	TYPE	Document of Origin Type	S/4 HANA GTS	/SAPSL/DOOHD	TYPE	Document of Origin Type	Direct Mapping
4	WGP	/SAPSL/DOOHD	ADMIN_UNIT	Administrative Unit	S/4 HANA GTS	/SAPSL/DOOHD	ADMIN_UNIT	Administrative Unit	Direct Mapping
5	WGP	/SAPSL/DOOHD	LOGICAL_SYSTEM_GROUP	Logical System Group	S/4 HANA GTS	/SAPSL/DOOHD	LOGICAL_SYSTEM_GROUP	Logical System Group	Direct Mapping
6	WGP	/SAPSL/DOOHD	PARTNER	Business Partner Number	S/4 HANA GTS	/SAPSL/DOOHD	PARTNER	Business Partner Number	If the Direction is Inbound Derive the Supplier Number via legacy to SyWay BP Number from Cross Reference Tables If the Direction is Outbound Derive the Supplier Number via legacy to SyWay BP Number from Cross Reference Tables
7	WGP	/SAPSL/DOOHD	PARTNER_ADDRESS	Address Number of Entry in Address File	S/4 HANA GTS	/SAPSL/DOOHD	PARTNER_ADDRESS	Address Number of Entry in Address File	Direct Mapping
8	WGP	/SAPSL/DOOHD	DOC_OF_ORIGIN	Document of Origin	S/4 HANA GTS	/SAPSL/DOOHD	DOC_OF_ORIGIN	Document of Origin	Direct Mapping
9	WGP	/SAPSL/DOOHD	DIRECTION	Document of Origin Direction	S/4 HANA GTS	/SAPSL/DOOHD	DIRECTION	Document of Origin Direction	Direct Mapping
10	WGP	/SAPSL/DOOHD	EXT_DOC_REFERENCE	Supplier Document of Origin Reference	S/4 HANA GTS	/SAPSL/DOOHD	EXT_DOC_REFERENCE	Supplier Document of Origin Reference	Direct Mapping
11	WGP	/SAPSL/DOOHD	AGGRGD_PREF_STAT	Aggregated Preference Status	S/4 HANA GTS	/SAPSL/DOOHD	AGGRGD_PREF_STAT	Aggregated Preference Status	Direct Mapping
12	WGP	/SAPSL/DOOHD	ISSUE_DATE	Date of Issue	S/4 HANA GTS	/SAPSL/DOOHD	ISSUE_DATE	Date of Issue	Direct Mapping
13	WGP	/SAPSL/DOOHD	ISSUE_STATUS	Document of Origin - Issue Status	S/4 HANA GTS	/SAPSL/DOOHD	ISSUE_STATUS	Document of Origin - Issue Status	Direct Mapping
14	WGP	/SAPSL/DOOHD	OUTPUT_FAILED	Output Failed	S/4 HANA GTS	/SAPSL/DOOHD	OUTPUT_FAILED	Output Failed	Direct Mapping
15	WGP	/SAPSL/DOOHD	IS_REISSUE	Document of Origin Reissue	S/4 HANA GTS	/SAPSL/DOOHD	IS_REISSUE	Document of Origin Reissue	Direct Mapping
16	WGP	/SAPSL/DOOHD	RELEASE_STATUS	Document of Origin - Release Status	S/4 HANA GTS	/SAPSL/DOOHD	RELEASE_STATUS	Document of Origin - Release Status	Direct Mapping
17	WGP	/SAPSL/DOOHD	CANCELLATION_DATE	Document of Origin - Cancellation Date	S/4 HANA GTS	/SAPSL/DOOHD	CANCELLATION_DATE	Document of Origin - Cancellation Date	Direct Mapping
18	WGP	/SAPSL/DOOHD	IS_MIGRATED	Object Originates from Migration	S/4 HANA GTS	/SAPSL/DOOHD	IS_MIGRATED	Object Originates from Migration	Direct Mapping
19	WGP	/SAPSL/DOOHD	PARTNER_ADDRESS_REFTYPE	Address Source	S/4 HANA GTS	/SAPSL/DOOHD	PARTNER_ADDRESS_REFTYPE	Address Source	Direct Mapping
20	WGP	/SAPSL/DOOHD	VALIDITY_START_DATE	LTSD Validity Start	S/4 HANA GTS	/SAPSL/DOOHD	VALIDITY_START_DATE	LTSD Validity Start	Direct Mapping
21	WGP	/SAPSL/DOOHD	VALIDITY_END_DATE	LTSD Validity End	S/4 HANA GTS	/SAPSL/DOOHD	VALIDITY_END_DATE	LTSD Validity End	Direct Mapping

22	WGP	/SAPSL /DOOHD	HOLD	On Hold	S/4 HANA GTS	/SAPSL /DOOHD	HOLD	On Hold	Direct Mapping
23	WGP	/SAPSL /DOOHD	REMARK	Note for Document of Origin	S/4 HANA GTS	/SAPSL /DOOHD	REMARK	Note for Document of Origin	Direct Mapping
24	WGP	/SAPSL /DOOHD	CONTACT_PERSON	Contact Person (User)	S/4 HANA GTS	/SAPSL /DOOHD	CONTACT_PERSON	Contact Person (User)	Direct Mapping
25	WGP	/SAPSL /DOOHD	EXT_REQ_REFERENCE	Customer LTSD Request Reference	S/4 HANA GTS	/SAPSL /DOOHD	EXT_REQ_REFERENCE	Customer LTSD Request Reference	Direct Mapping
26	WGP	/SAPSL /DOOHD	IC_PROCESSING_TYPE	Cross-Company-Code Process Type	S/4 HANA GTS	/SAPSL /DOOHD	IC_PROCESSING_TYPE	Cross-Company-Code Process Type	Direct Mapping
27	WGP	/SAPSL /DOOHD	IC_DOOHD_UUID	Document of Origin UUID	S/4 HANA GTS	/SAPSL /DOOHD	IC_DOOHD_UUID	Document of Origin UUID	Direct Mapping
28	WGP	/SAPSL /DOOHD	CREA_DATE_TIME	UTC Time Stamp in Long Form (YYMMDDhhmmssmmuuun)	S/4 HANA GTS	/SAPSL /DOOHD	CREA_DATE_TIME	UTC Time Stamp in Long Form (YYMMDDhhmmssmmuuun)	Direct Mapping
29	WGP	/SAPSL /DOOHD	CREA_UNAME	User Name	S/4 HANA GTS	/SAPSL /DOOHD	CREA_UNAME	User Name	Direct Mapping
30	WGP	/SAPSL /DOOHD	LCHG_DATE_TIME	UTC Time Stamp in Long Form (YYMMDDhhmmssmmuuun)	S/4 HANA GTS	/SAPSL /DOOHD	LCHG_DATE_TIME	UTC Time Stamp in Long Form (YYMMDDhhmmssmmuuun)	Direct Mapping
31	WGP	/SAPSL /DOOHD	LCHG_UNAME	User Name	S/4 HANA GTS	/SAPSL /DOOHD	LCHG_UNAME	User Name	Direct Mapping
32	WGP	/SAPSL /DOOHD	DUMMY	Single-Character Flag	S/4 HANA GTS	/SAPSL /DOOHD	DUMMY	Single-Character Flag	This Field should be used as a Link to Header and Item table
33	WGP	/SAPSL /DOOIT	DOOIT_UUID	Document of Origin Item UUID	S/4 HANA GTS	/SAPSL /DOOIT	DOOIT_UUID	Document of Origin Item UUID	This Field should be used as a Link to Header and Item table
34	WGP	/SAPSL /DOOIT	DOOHD_UUID	Document of Origin UUID	S/4 HANA GTS	/SAPSL /DOOIT	DOOHD_UUID	Document of Origin UUID	Direct Mapping
35	WGP	/SAPSL /DOOIT	PRODUCT_UUID	Product UUID	S/4 HANA GTS	/SAPSL /DOOIT	PRODUCT_UUID	Product UUID	We need to extract the Product UUID from MARA-SCM_MATID_GUID16
36	WGP	/SAPSL /DOOIT	HS_CODE	Commodity Code	S/4 HANA GTS	/SAPSL /DOOIT	HS_CODE	Commodity Code	Direct Mapping
37	WGP	/SAPSL /DOOIT	NUMBER_SCHEME	Numbering Scheme	S/4 HANA GTS	/SAPSL /DOOIT	NUMBER_SCHEME	Numbering Scheme	Direct Mapping
38	WGP	/SAPSL /DOOIT	RELEASE_DATE	Release Date	S/4 HANA GTS	/SAPSL /DOOIT	RELEASE_DATE	Release Date	Direct Mapping
39	WGP	/SAPSL /DOOIT	RELEASE_STATUS	Release Status	S/4 HANA GTS	/SAPSL /DOOIT	RELEASE_STATUS	Release Status	Direct Mapping
40	WGP	/SAPSL /DOOIT	AGGRGD_PREF_STAT	Aggregated Preference Status	S/4 HANA GTS	/SAPSL /DOOIT	AGGRGD_PREF_STAT	Aggregated Preference Status	Direct Mapping
41	WGP	/SAPSL /DOOIT	SOURCE	Item Source	S/4 HANA GTS	/SAPSL /DOOIT	SOURCE	Item Source	Direct Mapping
42	WGP	/SAPSL /DOOIT	DUMMY	Single-Character Flag	S/4 HANA GTS	/SAPSL /DOOIT	DUMMY	Single-Character Flag	Direct Mapping
43	WGP	/SAPSL /DOOPS	DOOPS_UUID	Preference Statement UUID	S/4 HANA GTS	/SAPSL /DOOPS	DOOPS_UUID	Preference Statement UUID	This Field should be used as a Link to Header and Item table.
44	WGP	/SAPSL /DOOPS	DOOIT_UUID	Document of Origin Item UUID	S/4 HANA GTS	/SAPSL /DOOPS	DOOIT_UUID	Document of Origin Item UUID	This Field should be used as a Link to Header and Item table
45	WGP	/SAPSL /DOOPS	DOOHD_UUID	Document of Origin UUID	S/4 HANA GTS	/SAPSL /DOOPS	DOOHD_UUID	Document of Origin UUID	This Field should be used as a Link to Header and Item table
46	WGP	/SAPSL /DOOPS	PREF_TRADE_AGREEMENT	Agreement	S/4 HANA GTS	/SAPSL /DOOPS	PREF_TRADE_AGREEMENT	Agreement	Direct Mapping
47	WGP	/SAPSL /DOOPS	ISSUE_STATUS	Issue Status	S/4 HANA GTS	/SAPSL /DOOPS	ISSUE_STATUS	Issue Status	Direct Mapping
48	WGP	/SAPSL /DOOPS	PREF_STMNT_DETNDATE	Preference Determination Date	S/4 HANA GTS	/SAPSL /DOOPS	PREF_STMNT_DETNDATE	Preference Determination Date	Direct Mapping
49	WGP	/SAPSL /DOOPS	PROCUREMENT_INDICATOR	Procurement	S/4 HANA GTS	/SAPSL /DOOPS	PROCUREMENT_INDICATOR	Procurement	Direct Mapping
50	WGP	/SAPSL /DOOPS	PREF_STATEMENT_CODE	Cust.Pref.Statement	S/4 HANA GTS	/SAPSL /DOOPS	PREF_STATEMENT_CODE	Cust.Pref.Statement	Direct Mapping
51	WGP	/SAPSL /DOOPS	INTERNAL_PREF_STATUS	Int.Pref.Statement LTSD	S/4 HANA GTS	/SAPSL /DOOPS	INTERNAL_PREF_STATUS	Int.Pref.Statement LTSD	Direct Mapping
52	WGP	/SAPSL /DOOPS	PREF_INDICATOR_SCHEME	Schema for Pref. Statements	S/4 HANA GTS	/SAPSL /DOOPS	PREF_INDICATOR_SCHEME	Schema for Pref. Statements	Direct Mapping

53	WGP	/SAPSL/DOOPS	PREF_STMNT_CODE_CHANGED_MNLLY	Changed Manually	S/4 HANA GTS	/SAPSL/DOOPS	PREF_STMNT_CODE_CHANGED_MNLLY	Changed Manually	Direct Mapping
54	WGP	/SAPSL/DOOPS	PREF_MODEL_ID	Preference Model ID	S/4 HANA GTS	/SAPSL/DOOPS	PREF_MODEL_ID	Preference Model ID	Direct Mapping
55	WGP	/SAPSL/DOOPS	SOURCE	Source	S/4 HANA GTS	/SAPSL/DOOPS	SOURCE	Source	Direct Mapping
56	WGP	/SAPSL/DOOPS	DUMMY	Single-Character Flag	S/4 HANA GTS	/SAPSL/DOOPS	DUMMY	Single-Character Flag	Direct Mapping

Transformation Mapping

Mapping Table Name	Mapping Table Description
/SAPSL/DOOHD	Header Table
/SAPSL/DOOIT	Item Table
/SAPSL/DOOPS	Preference Statement Table
zLegacyBP	Mapping of Legacy Supplier/Customer to S4 HANA BP

Transformation Dependencies

List the steps that need to occur before transformation can commence

Item #	Step Description	Team Responsible
1	Ensure Legacy System tables completeness	Syniti
2	Ensure all Transformation mappings are up to date.	Syniti

Pre-Load Validation

Project Team

Completeness

Task	Action
Verify Load File Count	SCM Data Team to verify that the total number of relevant records from the WGP System is equal to the total number of records in the Preload and Load Sheets.
Verify Consent	Verify the appropriate consents for the records have been obtained by the business/Data Owners and properly recorded

Accuracy

Task	Action
Conversion Accuracy	SCM Data team to verify that all the data in the load table/file is accurate as contents and transformation rules with below checks: 1. Mandatory Fields 2. Field and Value Mapping Correctness 3. Null 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 in Syniti tool equal to the total number of records in the Preload and Load Sheets.
Verify Consent	Verify that the appropriate consents for the records have been obtained by the business and properly recorded

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.

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
3. Load approach: Migration Cockpit using Staging Tables

Load Run Sheet

Item #	Step Description	Team Responsible
1	Ensure Pre-load sign-offs are obtained.	SCM Data team
2	Go to the load tool and select the correct load Program.	SCM Data team
3	Proceed with Data load.	SCM Data team
4	Validate few records loaded by accessing standard transactions.	SCM Data team
5	Generate the post load reports in the tool.	SCM Data team
6	Log errors as defects, if any and address resolutions. Close defects.	SCM Data team
7	Resolve defects by re-upload and re-generate post load reports if necessary.	SCM 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.	SCM Data team

Load Phase and Dependencies

Pre Cutover

Configuration

Item #	Configuration Item
NA	

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Conversion Objects

Object #	Preceding Object Conversion Approach
NA	NA

Error Handling

Error Type	Error Description	Action Taken
Configuration	<configuration> is not valid/missing	If it is a missing configuration item, then engage Functional team to expedite and fix the error in the system.
Invalid Data	<parameter> is not valid.	The parameter entry needs to be reviewed If it is an invalid data, business needs to review and correct the source of the data either in WGP or if it's mapped in DCT.
Technical Setup	Interface / Connection issue within target system's landscape	N/A – the data will be loaded directly to S/4HANA GTS System environment

Post-Load Validation

Project Team

Completeness

Task	Action
Verify the count	Verify that the record count in the post-load file is the same as the record count based on the relevancy (including any deduplication) results

Accuracy

Task	Action
Data Accuracy	SCM Data team to verify that all the data in the post load table/file is accurate as per signed-off transformation rules
Error Reports	Verify that all necessary error reports have been validated, and that errors have been addressed.
Data Consistency	Verify that the data loaded is correctly reflected in Table: /SAPSL/DOOHD /SAPSL/DOOIT /SAPSL/DOOPS

Business

Completeness

Task	Action
Verify Count	Verify that the record count in the post load file is the same as the record count based on the relevancy (including deduplication) results

Validate Loaded Data	Validate, as per the load files signed-off, that all records were created
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Accuracy

Task	Action
Data Accuracy	Verify that all the data in the S/4HANA GTS table is accurate as per signed-off transformation rules

Key Assumptions

- Master Data Standard is up to date as on the date of documenting this conversion approach and data load.
- GTS - Supplier/Customer-based LTSD is in scope based on data design and any exception requested by business.

See also

Change log

Version	Published	Changed By	Comment
CURRENT (v. 10)	Oct 17, 2025 15:20	RAYUDU-ext, Narasimha Kumar	
v. 9	Oct 15, 2025 19:13	RAYUDU-ext, Narasimha Kumar	
v. 8	Oct 15, 2025 19:08	RAYUDU-ext, Narasimha Kumar	
v. 7	Oct 13, 2025 10:54	RAYUDU-ext, Narasimha Kumar	
v. 6	Oct 09, 2025 12:54	RAYUDU-ext, Narasimha Kumar	
v. 5	Oct 09, 2025 12:53	RAYUDU-ext, Narasimha Kumar	
v. 4	Oct 03, 2025 09:47	RAYUDU-ext, Narasimha Kumar	
v. 3	Oct 03, 2025 09:45	RAYUDU-ext, Narasimha Kumar	Transformation Rules
v. 2	Oct 02, 2025 00:42	RAYUDU-ext, Narasimha Kumar	
v. 1	Oct 01, 2025 17:47	RAYUDU-ext, Narasimha Kumar	

Workflow history

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

Nov 10, 2025	Actor	Type	Activity	Version
Approved	 MUTHUSAMY-ext, Kunalan	State	changed state to Approved at 2:59 pm (State override) [PMO Comments] Conversion Spec completed as per CS register and functional review completed	v10

Edited following Tech Review	 MUTHUSAMY-ext, Kunalan	State	gave <i>Minor change</i> approval at 2:59 pm	
			<i>[PMO Comments] Conversion Spec completed as per CS register and functional review completed</i>	
Oct 17, 2025				
	 RAYUDU-ext, Narasimha Kumar	Edit	updated the page at 3:20 pm	
		State	changed state to Edited following Tech Review at 1:20 pm	v10
Oct 15, 2025				
Lead Approval	 HASSAN-ext, Shamir	State	changed expiry date to '22 Oct, 2025 07:54 pm' at 7:54 pm	
		State	changed state to Lead Approval at 7:54 pm	v9
Tech Review	 HASSAN-ext, Shamir	State	changed expiry date to '20 Oct, 2025 07:54 pm' at 7:54 pm	
		State	changed state to Tech Review at 7:54 pm	v9