Thomson Reuters™

Thomson Reuters ONESOURCE Indirect Tax Compliance SAP S4/HANA Integration

April/2026

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INTEGRATION OVERVIEW

Thomson Reuters ONESOURCE Indirect Tax Compliance (OIC) integration for SAP is designed to integrate the SAP ERP with OIC with an extensible framework for customers to easily execute the Extraction and Transformation processes and transfer the transactional tax information to the OneSource compliance tool with a user-friendly selection screen.

Key functionalities of this tool include the ability to schedule jobs both in the foreground and background.

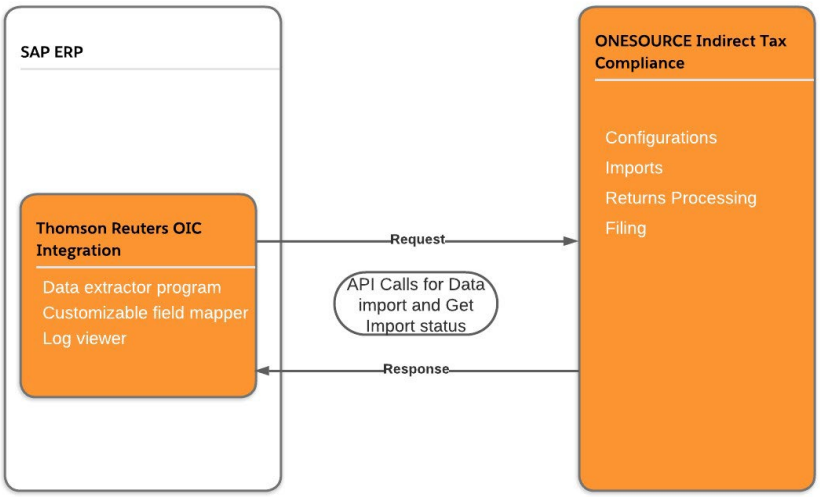
Additionally, users can download data for verification and reconciliation purposes, ensuring the accuracy of information sent to OIC. The tool is equipped with an integrated log viewer, enabling users to track uploads directly from SAP screens without the need to log into the OneSource compliance tool separately.

Accessible through a User menu after the installation of the provided transport package, this tool enhances user convenience and efficiency in managing tax compliance processes.

This release version supports G/L Transactions and INTRASTAT reports in EU countries in addition to Value Added Tax (VAT) and Excise Sales List (ESL), and can reconcile INTRASTAT and G/L Transactions reports against VAT-ESL (European Sales List) transactions & SAFT – Report on Thomson Reuters ONESOURCE Indirect Tax Compliance platform.

Supported SAP S/4HANA versions are 2021 & support pack stack (SPS) 6 and onwards.

Architectural diagram



Quick view of Features

FUNCTION	DESCRIPTION
Pre-defined field mapping	This integration offers pre-defined field mapping
Data selection screen	User can use the selection screen to select the required data
Foreground and background scheduling options	User can run this program both in foreground and background
Downloading options to Presentation and Application layer	User can either download to Presentation server or application server
Import status log	User can view the status of the import using import id
Extensible framework with BADIs	BADIs are provided for any customizations
Customizable field mapping with overriding and appending options	Users can add a new field or override an existing mapping. me
Log viewer	Users can view the logs and filter the logs

INSTALLING INTEGRATION

IMPORTING TRANSPORT OBJECTS

Thomson Reuters provided transport will need to be imported into the clients Development system to setup ONESOURCE Indirect Tax Compliance Integration for SAP. All our objects are in the Thomson Reuters Indirect Tax namespace '/TROIC/'. We don't change any customer owned objects. The sequence of transport will be the same for upgrades and new installations.

Transport Package Information

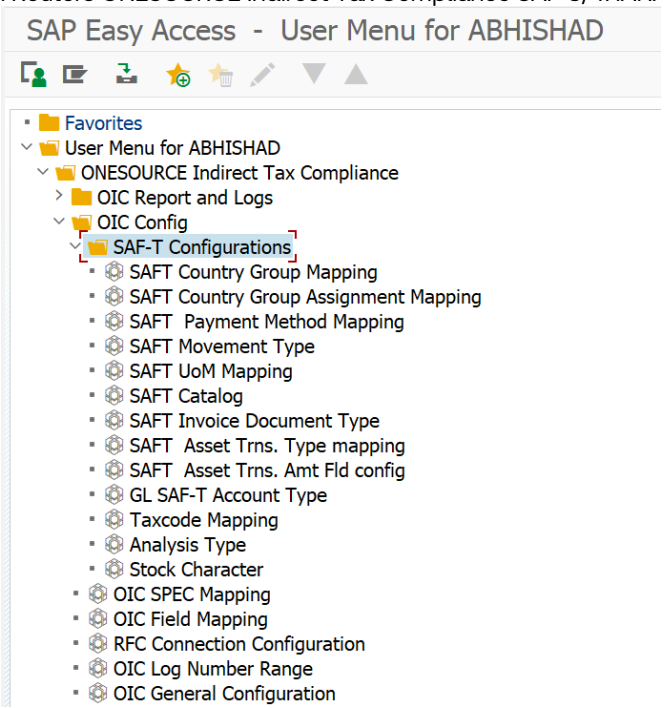
Kindly follow the same sequence of transport as mentioned.

TRANSPORT	DESCRIPTION
GN4K902399	ONESOURCE Indirect Tax Compliance Integration-2.0.0.0 Code
GN4K902400	ONESOURCE Indirect Tax Compliance Integration-2.0.0.0 Conf
GN4K902401	ONESOURCE Indirect Tax Compliance Integration-2.0.0.0 Role

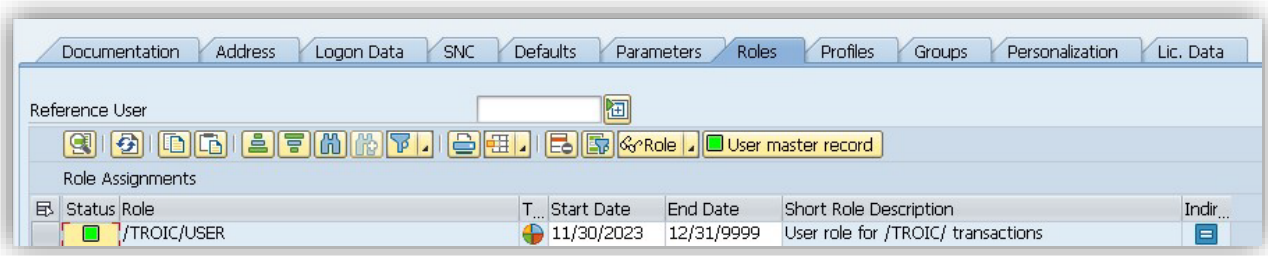
ADDING USER MENU TO A ROLE

For users to be able to access the new ONESOURCE Indirect Tax for SAP setup, configurations, and reports we delivered an SAP User Menu. To access this User Menu, provide your users with the role: /TROIC/USER.

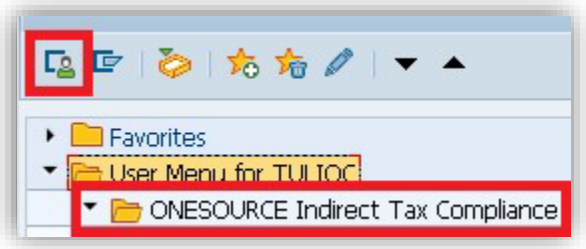
/TROIC/USER contains all the TROIC transactions codes and the full ONESOURCE User Menu. This would normally be given to users that oversee management of the system, configuration, and mapping.



To assign the role to a user, go to Transaction Code SU01. On the Roles Tab, insert the new role name, with start and end dates.



Once the role has been assigned a user can access the User Menu from the main SAP start screen as follows by selecting the **User Menu** icon or **Ctrl+F10**.

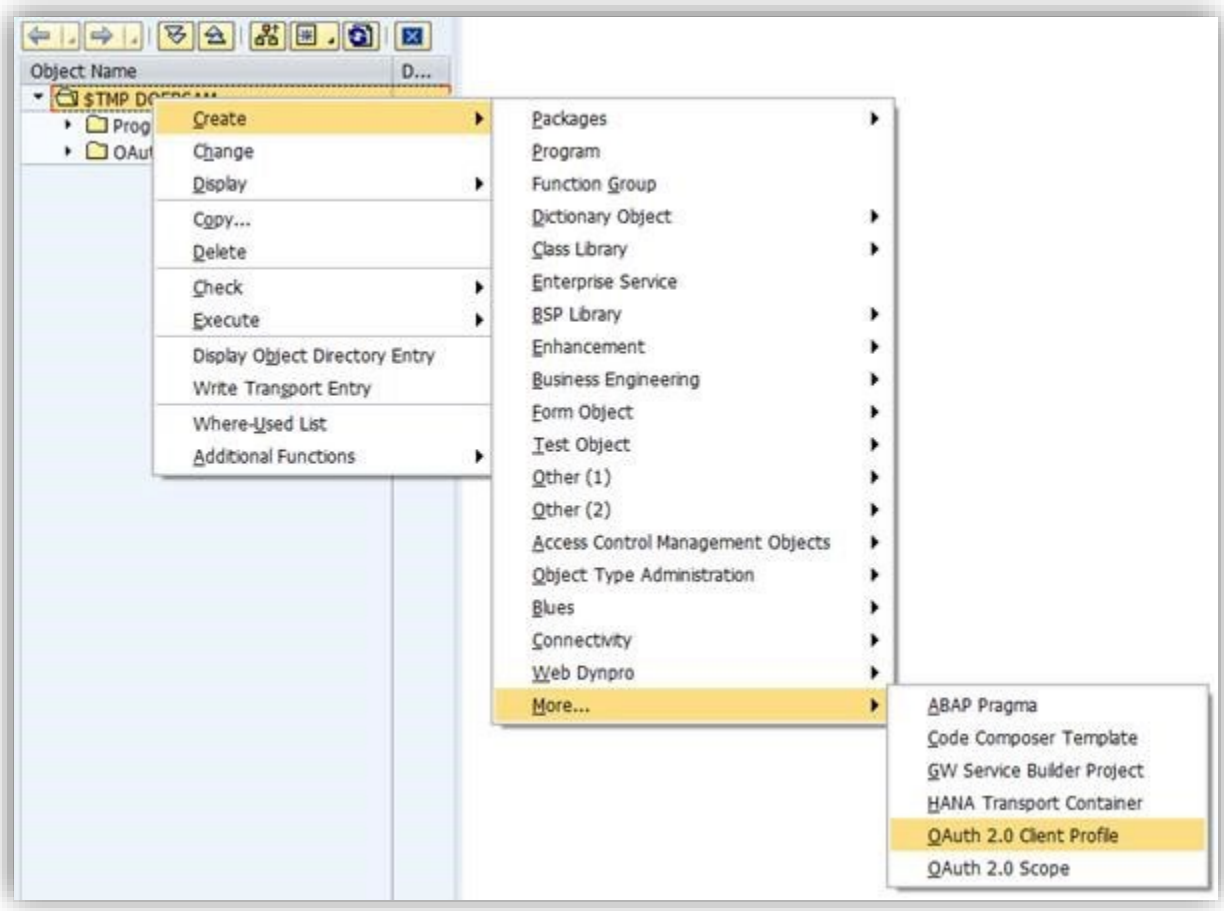


OAUTH 2.0 Profile Creation

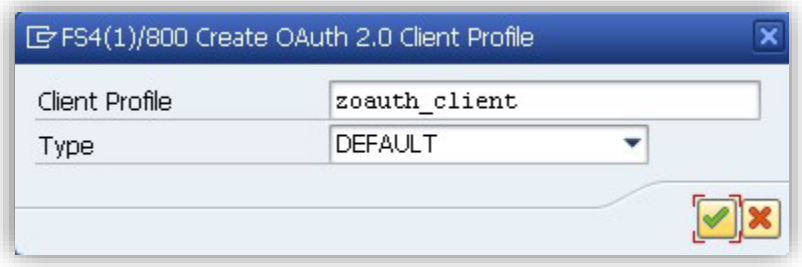
Users must set up OAuth2.0 profile and RFC configuration to connect SAP to OIC.

Creating OAuth2.0 client profile:

1. Start the object navigator (transaction SE80).
2. Choose Development Object in the dropdown list.
3. To create a development object in the SAP namespace, choose Create -> OAuth 2.0 Client Profile in the context menu of the object name.



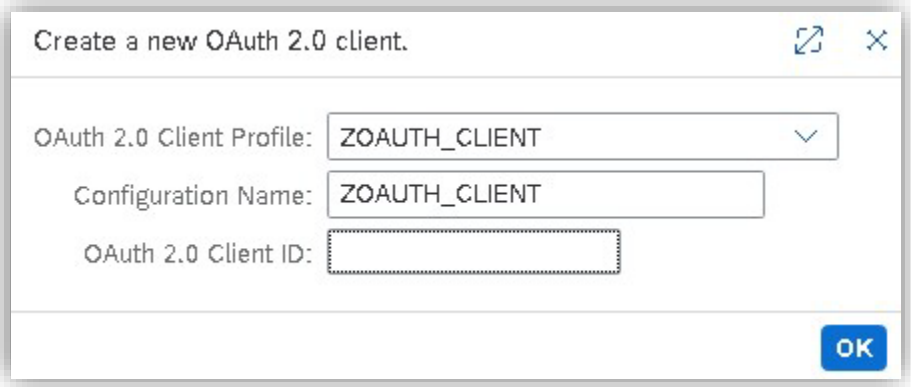
1. Enter the object name in the Client Profile field of the popup as 'ZOAUTH_CLIENT' (or any of your preference).
2. Choose the type of service provider as 'DEFAULT'



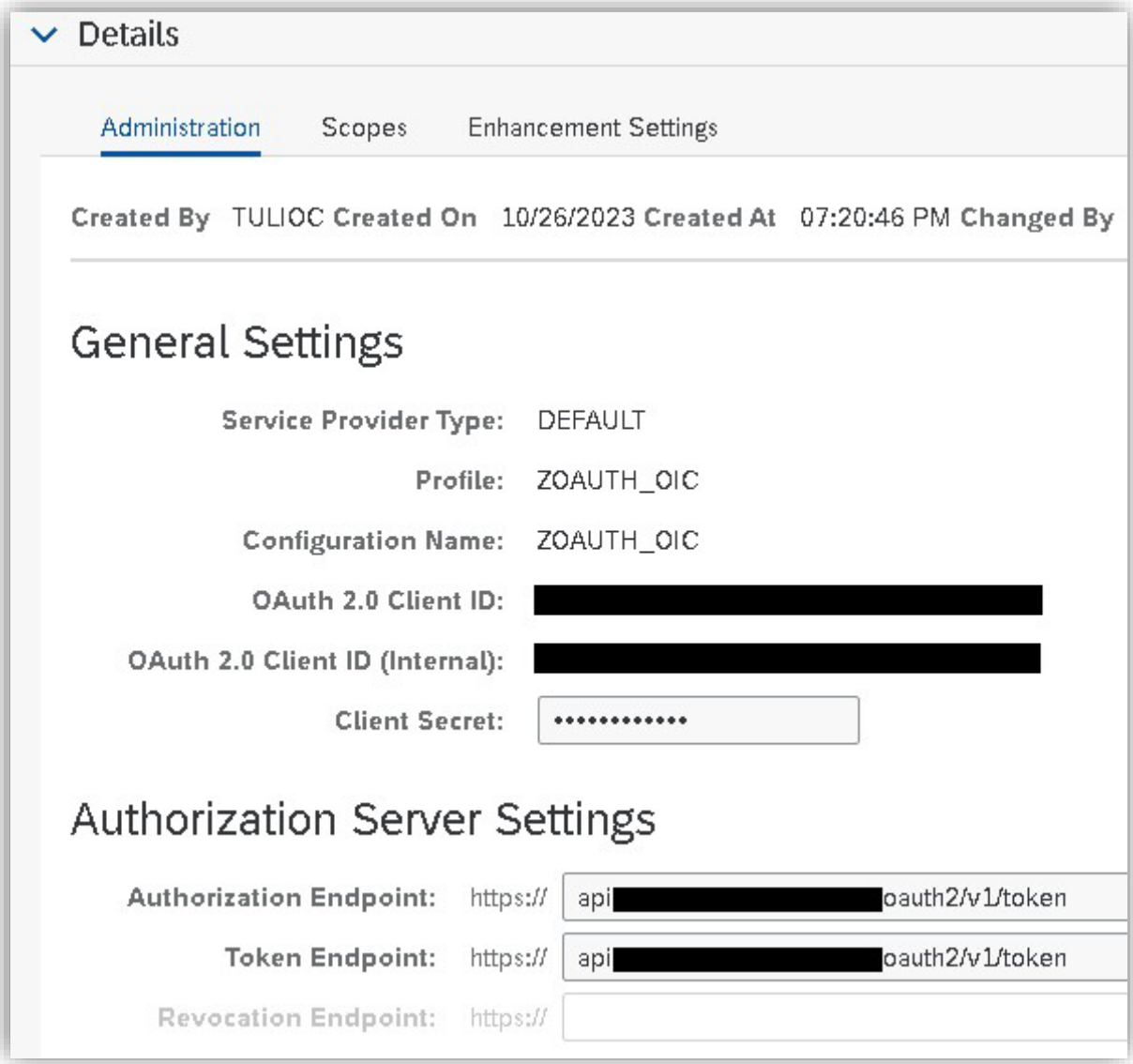
3. Also, provide the scope as urn:tr:onesource:auth:api:indirecttaxcompliance and activate the client profile.
   NOTE: If you have multiple clients in OIC, reach out to Professional services team.

OAUTH 2.0 Profile Configuration

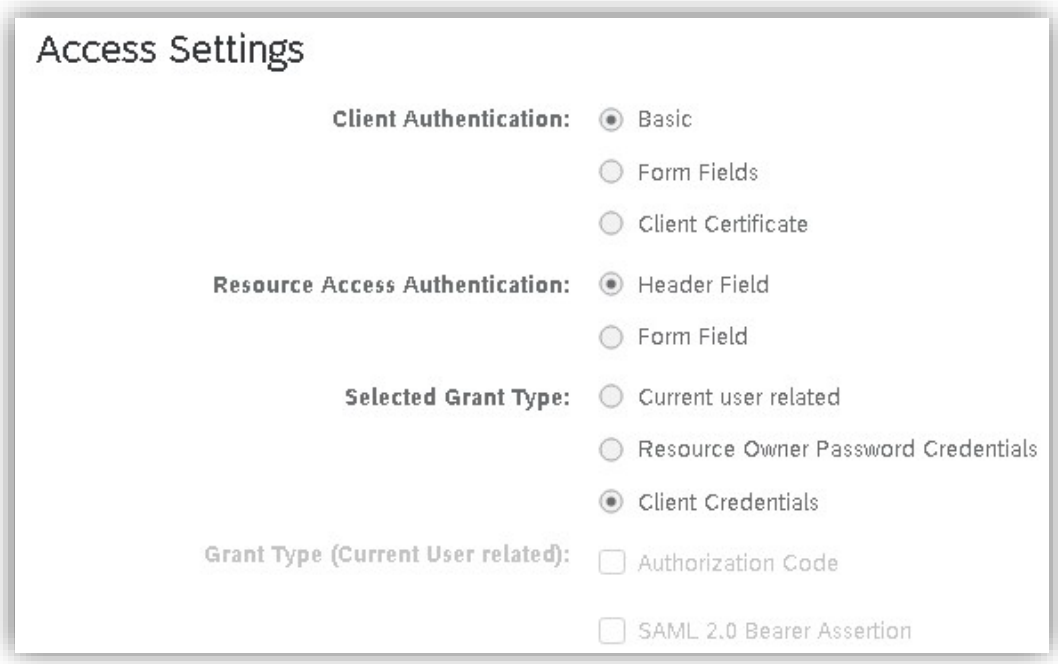
1. Go to transaction OA2C_CONFIG to configure the OAuth2.0
2. Click on 'Create'.
3. Select the OAuth2.0 Client Profile as 'ZOAUTH_CLIENT'.
4. Provide the Configuration Name (can be any of your preference) and Client ID given by OIC team.



5. Maintain the Client Secret.
6. Also provide the Token Endpoint given by Professional services team.



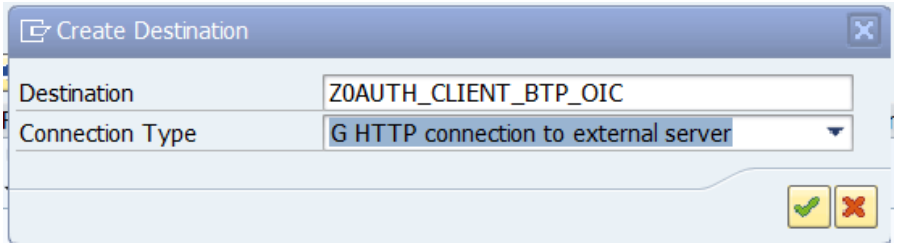
7. Enter the Client Authentication as 'Basic', Resource Access Authentication as 'Header Field' and select grant type as 'Client Credentials'.
8. Click on save. The OAuth2.0 configuration name is 'ZOAUTH_CLIENT'.



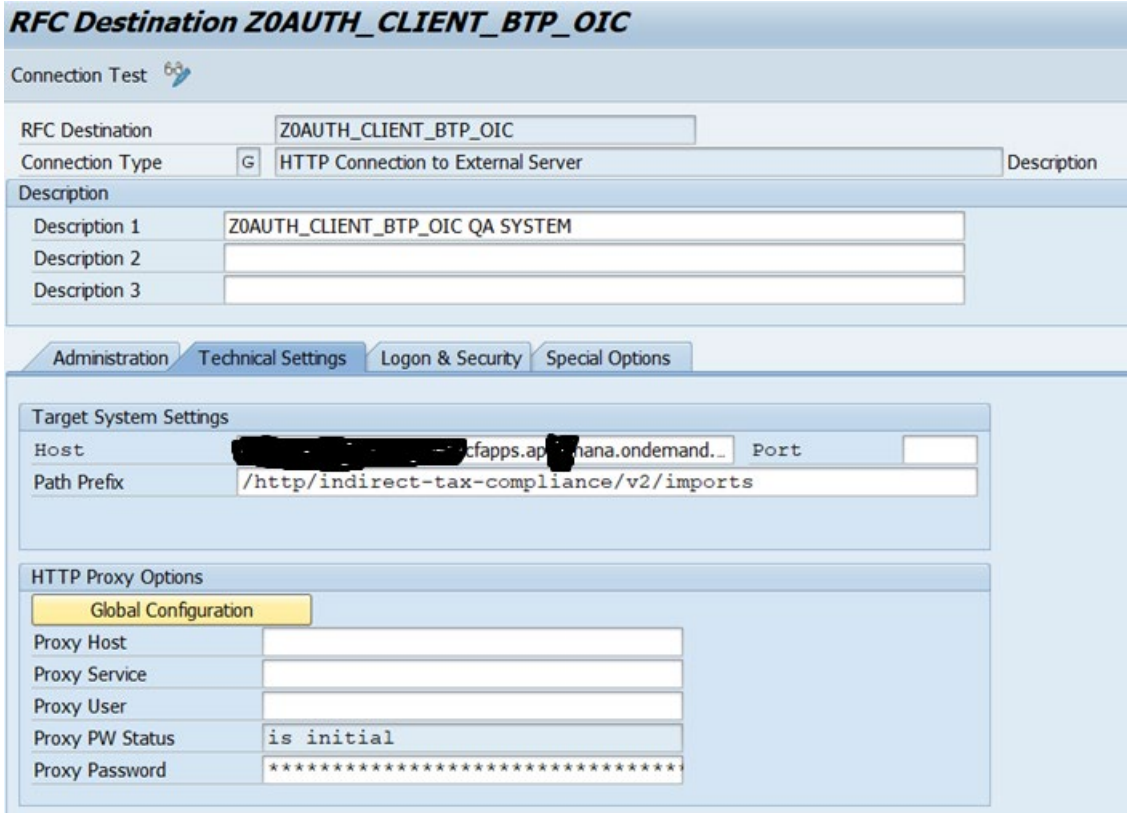
RFC Destination Configuration

Create RFC Destination

1. Go to transaction SM59 to configure OAuth2.0 2.
2. Click on 'Create'.
3. Enter Z0AUTH_CLIENT_BTP_OIC (or any of your preference) as Destination.
4. In Connection Type select "HTTP connection to external server".



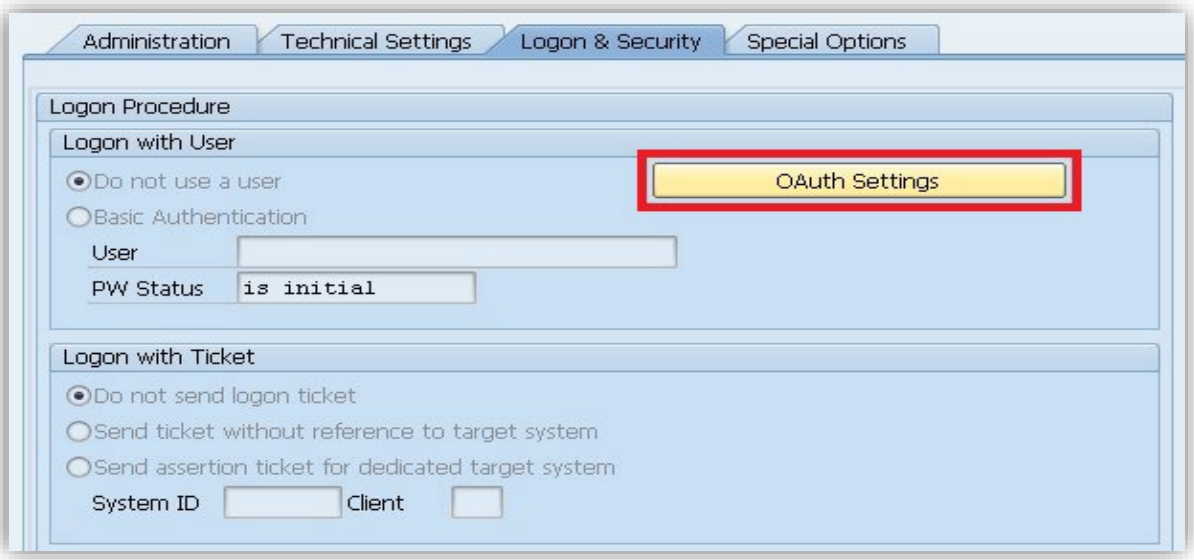
5. Enter the host provided by OIC team.
6. Also provide the path prefix /indirect-tax-compliance/v2/imports.



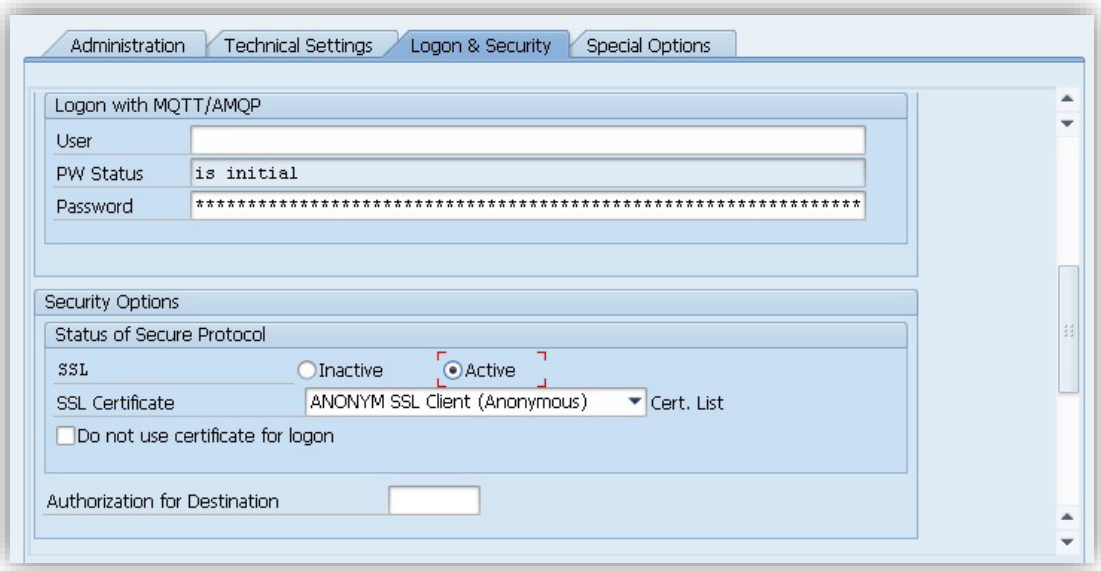
7. In the 'Logon & Security' tab:

Click in 'OAuth Settings' button and enter the values accordingly with Configured in OAuth 2.0 Client.

The Profile should be the same as created before in OAUTH 2.0 Profile Creation and the Configuration should be the same from OAUTH 2.0 Profile Configuration.



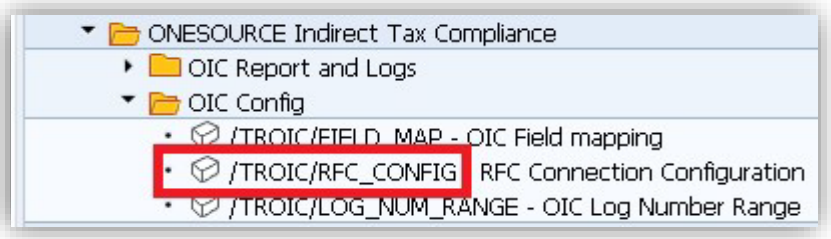
Select SSL as 'Active' and SSL Certificate select ANONYM SSL (Anonymous).



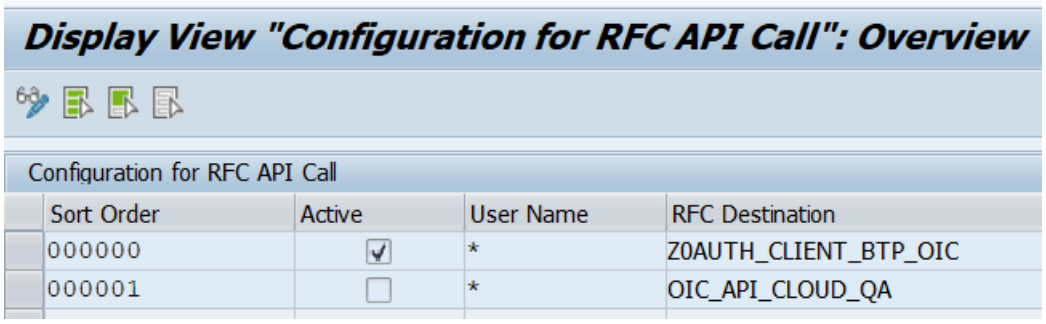
RFC configuration set up in OIC Integration

To have one or, in case of more than one RFC config point to other/contingencies OIC API systems, you need to configure that in

/TROIC/RFC_CONFIG transaction, as below. Remember to enter the same RFC Destination as created in **Create RFC Destination**.



Activate the respective RFC destination created in the prior sections. If both lines are active, highest sort order takes precedence for the same username.



Sort Order	Active	User Name	RFC Destination
000000	☑	*	Z0AUTH_CLIENT_BTP_OIC
000001	☐	*	OIC_API_CLOUD_QA

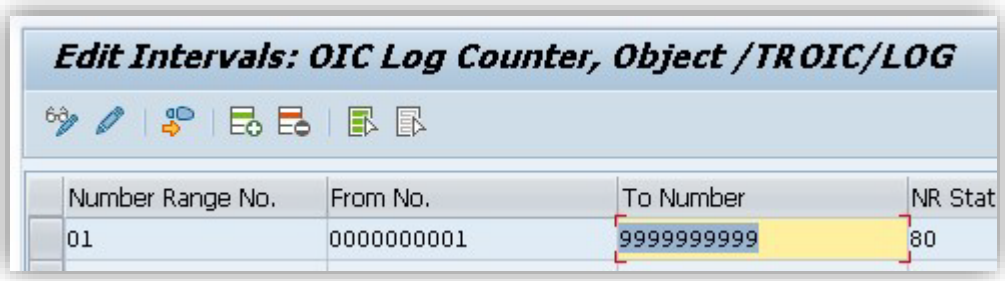
CREATING A LOG NUMBER RANGE

The request and response can be logged in SAP in JSON format. Logging can be configured within the Integration setup, and logs can be searched and viewed in SAP using a provided transaction. Review the User Guide section for more details on logging. For logs to be stored with SAP a log number range for Object /TROIC/LOG needs to be setup:

1. Transaction Code /N/TROIC/LOG_NUM_RANGE
2. Press **Change Intervals** to create a new number range interval.

3. Press **Insert Line (F6)** to insert a new line.

4. Make sure that you use a value of 01 for the Number range number. Currently we only support one number range of value 01.
5. Fill out the "From Number and To Number". We recommend opening the number range as wide as possible.



6. SAVE the log number range.

Extensible Framework

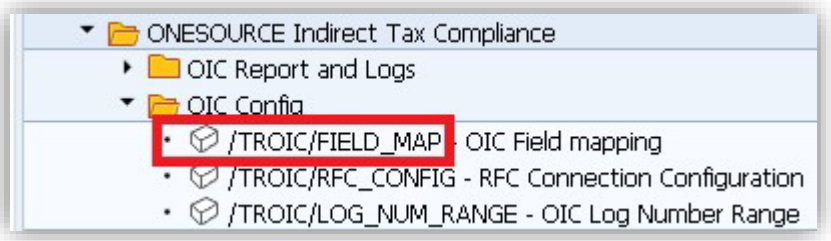
Field Mapping

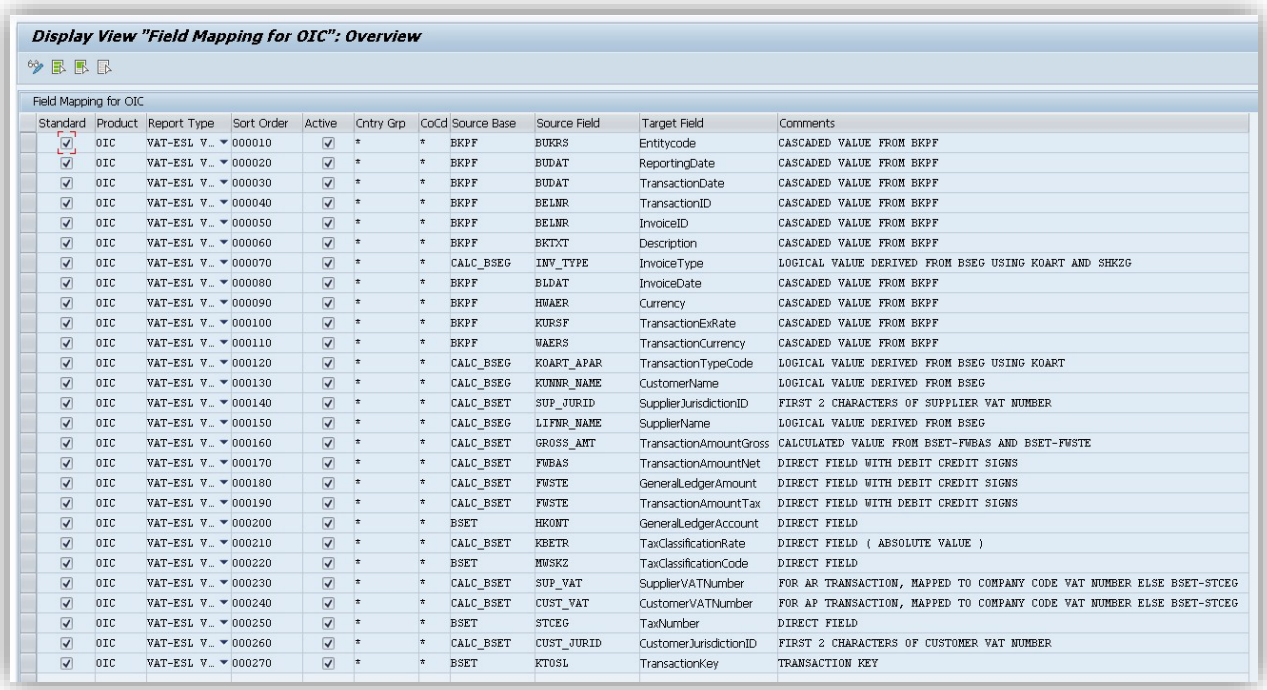
To determine the required OIC target fields, the transaction '/TROIC/FIELD_MAP' is utilized. This transaction facilitates the mapping of the SAP S/4HANA source data tables and to the corresponding target OIC tool fields.

Menu path

Below screenshots represent the S/4HANA to OIC standard field mapping for VAT-ESL, G/L Transactions, INTRASTAT and SAF-T reports.

Below screenshots represent standard mappings for the respective report types.





Display View "Field Mapping for OIC": Overview

Field Mapping for OIC

Standard	Product	Report Type	Sort Order	Active	Cntry Grp	CoCd	Source Base	Source Field	Target Field	Comments
☑	OIC	VAT-ESL V...	000010	☑	*	*	BKPF	BUKRS	Entitycode	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000020	☑	*	*	BKPF	BUDAT	ReportingDate	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000030	☑	*	*	BKPF	BUDAT	TransactionDate	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000040	☑	*	*	BKPF	BELNR	TransactionID	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000050	☑	*	*	BKPF	BELNR	InvoiceID	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000060	☑	*	*	BKPF	BKTXT	Description	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000070	☑	*	*	CALC_BSEG	INV_TYPE	InvoiceType	LOGICAL VALUE DERIVED FROM BSEG USING KOART AND SHKZG
☑	OIC	VAT-ESL V...	000080	☑	*	*	BKPF	BLDAT	InvoiceDate	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000090	☑	*	*	BKPF	HWAER	Currency	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000100	☑	*	*	BKPF	KURSF	TransactionExRate	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000110	☑	*	*	BKPF	WAERS	TransactionCurrency	CASCADED VALUE FROM BKPF
☑	OIC	VAT-ESL V...	000120	☑	*	*	CALC_BSEG	KOART_APAR	TransactionTypeCode	LOGICAL VALUE DERIVED FROM BSEG USING KOART
☑	OIC	VAT-ESL V...	000130	☑	*	*	CALC_BSEG	KUNNR_NAME	CustomerName	LOGICAL VALUE DERIVED FROM BSEG
☑	OIC	VAT-ESL V...	000140	☑	*	*	CALC_BSET	SUP_JURID	SupplierJurisdictionID	FIRST 2 CHARACTERS OF SUPPLIER VAT NUMBER
☑	OIC	VAT-ESL V...	000150	☑	*	*	CALC_BSEG	LIFNR_NAME	SupplierName	LOGICAL VALUE DERIVED FROM BSEG
☑	OIC	VAT-ESL V...	000160	☑	*	*	CALC_BSET	GROSS_AMT	TransactionAmountGross	CALCULATED VALUE FROM BSET-FWBAS AND BSET-FWSTE
☑	OIC	VAT-ESL V...	000170	☑	*	*	CALC_BSET	FWBAS	TransactionAmountNet	DIRECT FIELD WITH DEBIT CREDIT SIGNS
☑	OIC	VAT-ESL V...	000180	☑	*	*	CALC_BSET	FWSTE	GeneralLedgerAmount	DIRECT FIELD WITH DEBIT CREDIT SIGNS
☑	OIC	VAT-ESL V...	000190	☑	*	*	CALC_BSET	FWSTE	TransactionAmountTax	DIRECT FIELD WITH DEBIT CREDIT SIGNS
☑	OIC	VAT-ESL V...	000200	☑	*	*	BSET	HKONT	GeneralLedgerAccount	DIRECT FIELD
☑	OIC	VAT-ESL V...	000210	☑	*	*	CALC_BSET	KBETR	TaxClassificationRate	DIRECT FIELD (ABSOLUTE VALUE)
☑	OIC	VAT-ESL V...	000220	☑	*	*	BSET	MWSKZ	TaxClassificationCode	DIRECT FIELD
☑	OIC	VAT-ESL V...	000230	☑	*	*	CALC_BSET	SUP_VAT	SupplierVATNumber	FOR AR TRANSACTION, MAPPED TO COMPANY CODE VAT NUMBER ELSE BSET-STCEG
☑	OIC	VAT-ESL V...	000240	☑	*	*	CALC_BSET	CUST_VAT	CustomerVATNumber	FOR AP TRANSACTION, MAPPED TO COMPANY CODE VAT NUMBER ELSE BSET-STCEG
☑	OIC	VAT-ESL V...	000250	☑	*	*	BSET	STCEG	TaxNumber	DIRECT FIELD
☑	OIC	VAT-ESL V...	000260	☑	*	*	CALC_BSET	CUST_JURID	CustomerJurisdictionID	FIRST 2 CHARACTERS OF CUSTOMER VAT NUMBER
☑	OIC	VAT-ESL V...	000270	☑	*	*	BSET	KTOSL	TransactionKey	TRANSACTION KEY

Field Mapping for OIC

Standard	Product	Report Type	Sort Order	CoCd	Source Base	Source Field	Target Field	Comments
☑	OIC	GL-T GL-TR..	000010	*	BKPF	BUKRS	EntityCode	CASCADED VALUE FROM BKPF
☑	OIC	GL-T GL-TR..	000020	*	BSET	HKONT	GeneralLedgerAccount	DIRECT FIELD
☑	OIC	GL-T GL-TR..	000030	*	CALC_BSET	FWSTE	GeneralLedgerAmount	DIRECT FIELD WITH DEBIT CREDIT SIGNS
☑	OIC	GL-T GL-TR..	000040	*	BKPF	BLDAT	InvoiceDate	CASCADED VALUE FROM BKPF
☑	OIC	GL-T GL-TR..	000050	*	BKPF	BELNR	InvoiceID	CASCADED VALUE FROM BKPF
☑	OIC	GL-T GL-TR..	000060	*	BSEG	HBUDAT	PostingDate	CASCADED VALUE FROM BKPF
☑	OIC	GL-T GL-TR..	000070	*	BSET	MLDDT	ReportingDate	CASCADED VALUE FROM BKPF
☑	OIC	GL-T GL-TR..	000080	*	BSET	MWSKZ	TaxClassificationCode	DIRECT FIELD
☑	OIC	GL-T GL-TR..	000090	*	CALC_BSET	FWBAS	TransactionAmountNet	DIRECT FIELD WITH DEBIT CREDIT SIGNS
☑	OIC	GL-T GL-TR..	000100	*	CALC_BSET	FWSTE	TransactionAmountTax	DIRECT FIELD WITH DEBIT CREDIT SIGNS
☑	OIC	GL-T GL-TR..	000110	*	CALC_BSEG	KOART_APAR	TransactionTypeCode	LOGICAL VALUE DERIVED FROM BSEG USING KOART

Field Mapping for OIC

Standard	Product	Report Type	Sort Order	CoCd	Source Base	Source Field	Target Field	Comments
☑	OIC	INTRASTAT	000010	*	/ECRS/RPIT	PTVAT	CustomerVATNumber	
☑	OIC	INTRASTAT	000020	*	/ECRS/RPIT	PTCTI	DestinationJurisdictionID	
☑	OIC	INTRASTAT	000030	*	/ECRS/RPIT	INCZO	DestinationRegionArrival	
☑	OIC	INTRASTAT	000040	*	/ECRS/POIA	BUKRS	Entitycode	
☑	OIC	INTRASTAT	000050	*	/ECRS/CALC_R	DIREC	Flow	
☑	OIC	INTRASTAT	000060	*	/ECRS/RPIT	MAKTX	GoodsDescription	
☑	OIC	INTRASTAT	000070	*	/ECRS/RPIT	MOTAB	ModeTransport	
☑	OIC	INTRASTAT	000080	*	/ECRS/RPIT	BTTYP	NatureTransaction	DIRECT
☑	OIC	INTRASTAT	000090	*	/ECRS/RPIT	CTOOI	OriginArrivalJurisdictionID	
☑	OIC	INTRASTAT	000100	*	/ECRS/RPHD	RPCTY	OriginJurisdictionID	
☑	OIC	INTRASTAT	000110	*	/ECRS/RPIT	REGIN	OriginRegionDispatch	
☑	OIC	INTRASTAT	000120	*	/ECRS/CALC_R	PORTI_LO	PortLoading	
☑	OIC	INTRASTAT	000130	*	/ECRS/CALC_R	PORTI_UN	PortUnloading	
☑	OIC	INTRASTAT	000140	*	/ECRS/CALC_R	LCHTS	ReportingDate	
☑	OIC	INTRASTAT	000150	*	/ECRS/RPIT	SPQUA	SupplementaryQuantity	
☑	OIC	INTRASTAT	000160	*	/ECRS/RPIT	COMCD	CommodityCode	
☑	OIC	INTRASTAT	000170	*	/ECRS/RPIT	INCOI	DeliveryTermsFirstSub	
☑	OIC	INTRASTAT	000180	*	/ECRS/RPIT	ITQUA	Quantity	
☑	OIC	INTRASTAT	000190	*	/ECRS/CALC_R	INVAL	TransactionAmountNet	
☑	OIC	INTRASTAT	000200	*	/ECRS/RPIT	STVAL	TransactionStatisticalValue	
☑	OIC	INTRASTAT	000210	*	/ECRS/CALC_R	DIREC	TransactionTypeCode	
☑	OIC	INTRASTAT	000220	*	/ECRS/CALC_R	INVAL	ValueSupplyLocalCurrency	DIRECT FIELD WITH DEBIT CREDIT SIGNS

Display View "Maintain Dynamic Field Mapping": Overview

Maintain Dynamic Field Mapping

Standard	Product	Report Type	Country	Sort Order	Active	CoCd	Source Base	Source Field	Target Field	Comments
☑	OIC	SAFT-ASSETS	RO	000010	☑	*	ANLA	BUKRS	ENTITYCODE	
☑	OIC	SAFT-ASSET TRANSACTIONS	RO	000010	☑	*	SKB1	BUKRS	ENTITYCODE	
☑	OIC	SAFT-ANALYSIS TYPE TABLE	RO	000010	☑	*	COMPANY_CODE	BUKRS	ENTITYCODE	
☑	OIC	SAFT-CUSTOMERS	RO	000010	☑	*	KNB1	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-GL ACCOUNTS	RO	000010	☑	*	SKB1	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-GENERAL LEDGER ENTRIES	RO	000010	☑	*	BKPF	BUKRS	ENTITYCODE	
☑	OIC	SAFT-MOVEMENT TYPE TABLE	RO	000010	☑	*	COMPANY_CODE	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-MOVEMENT OF GOODS	RO	000010	☑	*	BKPF	BUKRS	ENTITYCODE	
☑	OIC	SAFT-OWNERS	RO	000010	☑	*	LFB1	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-PAYMENTS	RO	000010	☑	*	BSEG	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-PURCHASE INVOICES	RO	000010	☑	*	BKPF	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-PRODUCTS	RO	000010	☑	*	COMPANY_CODE	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-PHYSICAL STOCK	RO	000010	☑	*	COMPANYCODE	BUKRS	ENTITYCODE	
☑	OIC	SAFT-SALES INVOICES	RO	000010	☑	*	BSEG	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-SUPPLIERS	RO	000010	☑	*	LFB1	BUKRS	ENTITYCODE	DIRECT FIELD
☑	OIC	SAFT-TAX TABLE	RO	000010	☑	*	COMPANYCODE	BUKRS	ENTITYCODE	DIRECT FIELD

Below are the Tables & CDS view used in each data set for SAFT- Report

Dataset	Tables	CDS Views
SAFT- GLA	SKB1	/TROIC/SKB1_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
	SKAT	/TROIC/SKAT_CDS
	No compatible table available	V_FAGLFLEXT_VIEW
SAFT- CUS	KNA1	/TROIC/KNA1_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
	ADRC	/TROIC/ADRC_CDS
	KNB1	/TROIC/KNB1_CDS
	SKB1	/TROIC/SKB1_CDS
	KNC1	/TROIC/KNC1_CDS
	KNBK	/TROIC/KNBK_CDS

	TIBAN	/TROIC/TIBAN_CDS
	BNKA	/TROIC/BNKA_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
SAFT-SUP	LFB1	/TROIC/LFB1_CDS
	BUT000	/TROIC/BUT000_CDS
	CVI_VEND_LINK	/TROIC/CVI_VEND_LINK_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
	ADRC	/TROIC/ADRC_CDS
	LFA1	/TROIC/LFA1_CDS
	LFBK	/TROIC/LFBK_CDS
	TIBAN	/TROIC/TIBAN_CDS
	LFC1	/TROIC/LFC1_CDS
	BNKA	/TROIC/BNKA_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
SAFT - UOM	/TROIC/D_UOMMAP	/TROIC/UOMMAP_CDS
SAFT - TAX	/TROIC/SAFT_TAX	/TROIC/SAFT_TAX_CDS
	T007A	We are using the table directly.
	T005	We are using the table directly.
SAFT - ATT	/TROIC/D_ANLTYP	/TROIC/ANLTYP_CDS
	TKA02	/TROIC/TKA02_CDS
	CSKT	/TROIC/CSKT_CDS
	CEPCT	/TROIC/CEPCT_CDS
	PROJ	/TROIC/PROJ_CDS
	T001W	/TROIC/T001W_CDS
	T001K	/TROIC/T001K_CDS
	TVK0	/TROIC/TVKO_CDS
	TVTWT	/TROIC/TVTWT_CDS
	TVKOV	/TROIC/TVKOV_CDS
SAFT-MTT	T156	/TROIC/T156_CDS

	/TROIC/D_MVTYP	/TROIC/MVTYP_CDS
SAFT-PRD	T134	/TROIC/T134_CDS
	MVKE	/TROIC/MVKE_CDS
	MAKT	/TROIC/MAKT_CDS
	T179	/TROIC/T179_CDS
	MARA	/TROIC/MARA_CDS
	T006A	/TROIC/T006A_CDS
	TVKO	/TROIC/TVKO_CDS
	MARM	/TROIC/MARM_CDS
	MBEW	/TROIC/MBEW_CDS
	/TROIC/D_UOMMAP	/TROIC/UOMMAP_CDS
	T001K	/TROIC/T001k_CDS
	T001W	/TROIC/T001W_CDS
	MARC	/TROIC/MARC_CDS
SAFT - PST	T001K	/TROIC/T001K_CDS
	T001W	/TROIC/T001W_CDS
	MARA	/TROIC/MARA_CDS
	MARM	/TROIC/MARM_CDS
	MARC	/TROIC/MARC_CDS
	MBEW	/TROIC/MBEW_CDS
	MBEWH	/TROIC/MBEWH_CDS
	MARD	/TROIC/MARD_CDS
	KNA1	/TROIC/KNA1_CDS
	LFA1	/TROIC/LFA1_CDS
	/TROIC/D_STKCH	/TROIC/STKCH_CDS
	/TROIC/D_UOMMAP	/TROIC/UOMMAP_CDS
SAFT-OWN	LFB1	/TROIC/LFB1_CDS
	BUT000	/TROIC/BUT000_CDS
	CVI_VEND_LINK	/TROIC/CVI_VEND_LINK_CDS

	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
	LFA1	/TROIC/LFA1_CDS
	LFBK	/TROIC/LFBK_CDS
	TIBAN	/TROIC/TIBAN_CDS
	BNKA	/TROIC/BNKA_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
SAFT-GLE	BSEG	/TROIC/BSEG_CDS
	BKPF	/TROIC/BKPF_CDS
	BSET	/TROIC/BSET_CDS
	KNA1	/TROIC/KNA1_CDS
	LFA1	/TROIC/LFA1_CDS
	T003T	/TROIC/T003T_CDS
	VBRK	/TROIC/VBRK_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
	BUT000	/TROIC/BUT000_CDS
	CVI_VEND_LINK	/TROIC/CVI_VEND_LINK_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
SAFT-SIN	BSEG	/TROIC/BSEG_CDS
	BKPF	/TROIC/BKPF_CDS
	BSET	/TROIC/BSET_CDS
	SKB1	/TROIC/SKB1_CDS
	VBRK	/TROIC/VBRK_CDS
	VBRP	/TROIC/VBRP_CDS
	KNA1	/TROIC/KNA1_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
	ADRC	/TROIC/ADRC_CDS
	PRCD_ELEMENTS	/TROIC/PRCD_ELM_CDS
	T001W	/TROIC/T001W_CDS
	/TROIC/SAFT_TAX	/TROIC/SAFT_TAX_CDS

	/TROIC/D_DOCTYP	/TROIC/DOCTYP_CDS
	MKPF	/TROIC/MKPF_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
	VBFA	/TROIC/VBFA_CDS
SAFT-PIN	BSEG	/TROIC/BSEG_CDS
	BKPF	/TROIC/BKPF_CDS
	BSET	/TROIC/BSET_CDS
	BUT000	/TROIC/BUT000_CDS
	CVI_VEND_LINK	/TROIC/CVI_VEND_LINK_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
	LFA1	/TROIC/LFA1_CDS
	ADRC	/TROIC/ADRC_CDS
	RBKP	/TROIC/RBKP_CDS
	RSEG	/TROIC/RSEG_CDS
	EKPO	/TROIC/EKPO_CDS
	SKB1	/TROIC/SKB1_CDS
	/TROIC/SAFT_TAX	/TROIC/SAFT_TAX_CDS
	/TROIC/D_DOCTYP	/TROIC/DOCTYP_CDS
	T001W	/TROIC/T001W_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
	MSEG	/TROIC/MSEG_CDS
SAFT - PAY	BSEG	/TROIC/BSEG_CDS
	BKPF	/TROIC/BKPF_CDS
	BSET	/TROIC/BSET_CDS
	KNA1	/TROIC/KNA1_CDS
	LFA1	/TROIC/LFA1_CDS
	/TROIC/D_PAYMCH	/TROIC/PAYMCH_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
	T059Z	/TROIC/T059Z_CDS

	/TROIC/SAFT_TAX	/TROIC/SAFT_TAX_CDS
	WITH_ITEM	/TROIC/WITH_ITEM_CDS
	BUT000	/TROIC/BUT000_CDS
	CVI_VEND_LINK	/TROIC/CVI_VEND_LINK_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
SAFT-MVG	BSEG	/TROIC/BSEG_CDS
	BKPF	/TROIC/BKPF_CDS
	MKPF	/TROIC/MKPF_CDS
	MSEG	/TROIC/MSEG_CDS
	ADRC	/TROIC/ADRC_CDS
	BSET	/TROIC/BSET_CDS
	T007A	/TROIC/T007A_CDS
	ISEG	/TROIC/ISEG_CDS
	KNA1	/TROIC/KNA1_CDS
	LFA1	/TROIC/LFA1_CDS
	MARM	/TROIC/MARM_CDS
	MARA	/TROIC/MARA_CDS
	RSEG	/TROIC/RSEG_CDS
	/TROIC/D_UOMMAP	/TROIC/UOMMAP_CDS
	/TROIC/D_MVTYP	/TROIC/MVTYP_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
	T003T	/TROIC/T003T_CDS
	BUT000	/TROIC/BUT000_CDS
	CVI_VEND_LINK	/TROIC/CVI_VEND_LINK_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
SAFT - AST	ANLA	/TROIC/ANLA_CDS
	T095	/TROIC/T095_CDS
	ANLB	/TROIC/ANLB_CDS
	LFA1	/TROIC/LFA1_CDS

	ACDOCA	/TROIC/ACDOCA_CDS
	T093C	/TROIC/T093C_CDS
	T090NAZ	/TROIC/T090NAZ_CDS
	T090NS	/TROIC/T090NS_CDS
	/TROIC/D_GL_ACC	/TROIC/GL_ACC_CDS
	/TROIC/D_CTLOG	/TROIC/CTLOG_CDS
	BUT000	/TROIC/BUT000_CDS
	CVI_VEND_LINK	/TROIC/CVI_VEND_LINK_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
SAFT- ATR	LFA1	/TROIC/LFA1_CDS
	BUT000	/TROIC/BUT000_CDS
	CVI_VEND_LINK	/TROIC/CVI_VEND_LINK_CDS
	DFKKBPTAXNUM	/TROIC/DFKKBPTAXNUM_CDS
	ACDOCA	/TROIC/ACDOCA_CDS
	/TROIC/D_ASTTYP	/TROIC/ASTTYP_CDS
	TABW	/TROIC/TABW_CDS
	/TROIC/D_ATRCFG	/TROIC/ATRCFG_CDS
	ANLA	/TROIC/ANLA_CDS

Features of Extensibility framework

1. Users can use this framework to view the field mapping delivered as well as customize the field mapping based on the customer specific requirements by creating a custom entry with a highest sort order either to override pre-defined mapping or to add a new mapping.
2. Users have the capability to either activate or deactivate using 'Active' Check box and to restrict the mapping for a specific company code using 'CoCd'.
3. Data extraction for VAT-ESL and G/L Transactions report is performed by leveraging BSET entries and incorporating other relevant values from either BKPF, BSEG *using CDS views /TROIC/BKPF_DDF, /TROIC/BSEG,/TROIC/BSET* and for INTRASTAT report it is performed using /ECRS/POIA - Provider of Information (Countries), /ECRS/RPHD - INTRASTAT Declaration Header Data, /ECRS/RPIT - INTRASTAT Declaration Item Data tables *using CDS views /TROIC/RPHD_CDS, /TROIC/ECRS_ITEM, /TROIC/ECRS_POIA* for the corresponding report.

4. Data Extraction for SAFT Report is performed using the report types as below:
   - SAFT- General Ledger Accounts
   - SAFT - Customers
   - SAFT - Suppliers
   - SAFT - Assests
   - SAFT - UOM Table
   - SAFT - Tax Table
   - SAFT - Analysis Type Table
   - SAFT - Movement Type Table
   - SAFT - Products
   - SAFT - Physical Stock
   - SAFT - Owners
   - SAFT - General Ledger Entries
   - SAFT - Sales Invoices
   - SAFT - Purchase Invoices
   - SAFT - SD Payments
   - SAFT - Assets Transactions
   - SAFT - Movement of Goods

5. Except for mappings labeled 'DIRECT FIELD' in the comments section, all others incorporate a defined logic for transferring values to the target. The label 'DIRECT FIELD' indicates that the value has been directly mapped from the standard SAP S/4HANA source table to the OIC application target field without any manipulation.
6. The label 'CASCADED VALUE' signifies that the entry from the source table is manipulated across multiple lines of BSET, BSEG, /ECRS/RPHD, /ECRS/RPIT.
7. The column '*Standard*' is utilized to indicate that a mapping line is part of the pre-delivered standard mapping provided by Thomson Reuters.

Refer the section for customizing instructions.

Use of structures CALC_BSET and CALC_BSEG

We created structures, CALC_BSEG and CALC_BSET for VAT-ESL and G/L Transactions, /TROIC/RPHD_CALC_S and /TROIC/RPIT_CALC_S for INTRSTAT reports specifically designed for field mapping. These structures are filled up in standard Thomson Reuters code, intended to accommodate any necessary calculations and data manipulations during the field mapping process.

Structure: /TROIC/CALC_BSEG — Active
Short Description: Calculative BSEG

Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type — 1 / 5

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
BELNR	1 Types	BELNR_D	CHAR	10	0	0	Accounting Document Number
KOART_APAR	1 Types	CHAR2	CHAR	2	0	0	Component of the Version Number
LIFNR_NAME	1 Types	NAME1_GP	CHAR	35	0	0	Name 1
KUNNR_NAME	1 Types	NAME1_GP	CHAR	35	0	0	Name 1
INV_TYPE	1 Types	CHAR12	CHAR	12	0	0	Character Field of Length 12

Structure: /TROIC/CALC_BSET — Active
Short Description: Calculative BSET

Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type — 1 / 12

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
BUKRS	1 Types	BUKRS	CHAR	4	0	0	Company Code
BELNR	1 Types	BELNR_D	CHAR	10	0	0	Accounting Document Number
GJAHR	1 Types	GJAHR	NUMC	4	0	0	Fiscal Year
BUZEI	1 Types	BUZEI	NUMC	3	0	0	Number of Line Item Within Accounting Document
SUP_VAT	1 Types	STCEG	CHAR	20	0	0	VAT Registration Number
SUP_JURID	1 Types	CHAR2	CHAR	2	0	0	Component of the Version Number
CUST_VAT	1 Types	STCEG	CHAR	20	0	0	VAT Registration Number
CUST_JURID	1 Types	CHAR2	CHAR	2	0	0	Component of the Version Number
FWSTE	1 Types	FWSTE	CURR	23	2	0	Tax Amount in Document Currency
FWBAS	1 Types	FWBAS_BSES	CURR	23	2	0	Tax base amount in document currency
KBETR	1 Types	KBETR_TAX	CURR	23	2	0	Tax Rate
GROSS_AMT	1 Types	WRBTR	CURR	23	2	0	Amount in document currency

Dictionary: Display Structure

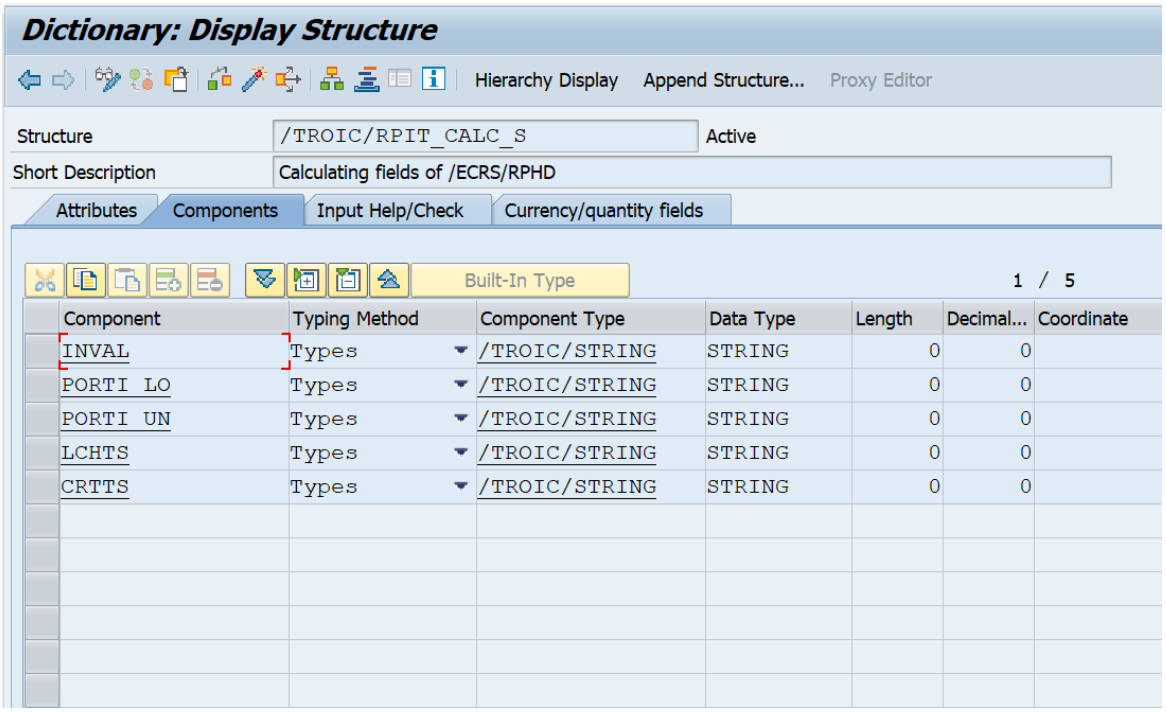
Hierarchy Display | Append Structure... | Proxy Editor

Structure: /TROIC/RPHD_CALC_S — Active
Short Description: Calculating fields of /ECRS/RPHD

Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type — 1 / 1

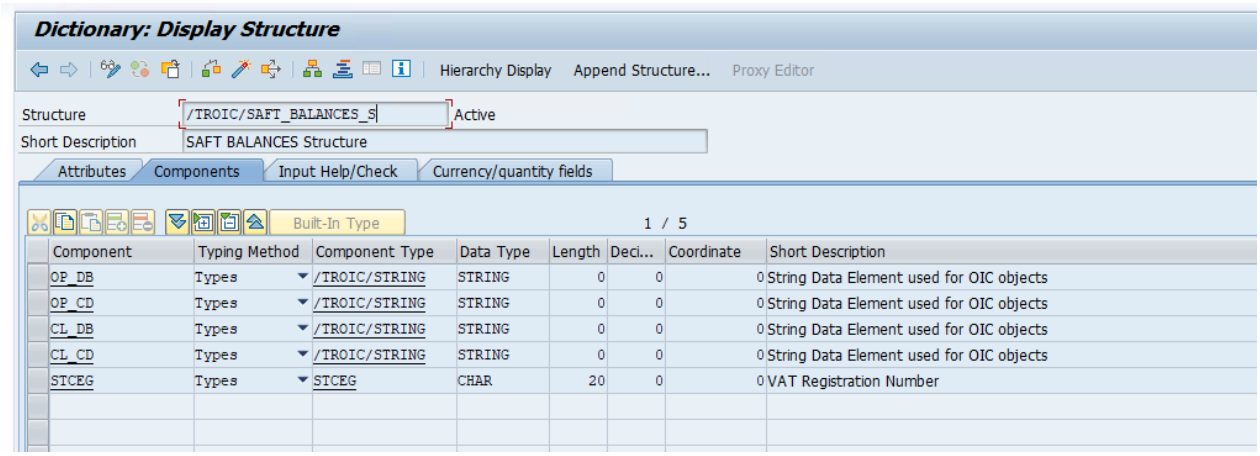
Component	Typing Method	Component Type	Data Type	Length	Decimal...	Coordi
DIREC	Types	/TROIC/STRING	STRING	0	0	



For SAFT- Report, we have used below structures. These structures are filled up in standard Thomson Reuters code, intended to accommodate any necessary calculations and data manipulations during the field mapping process.

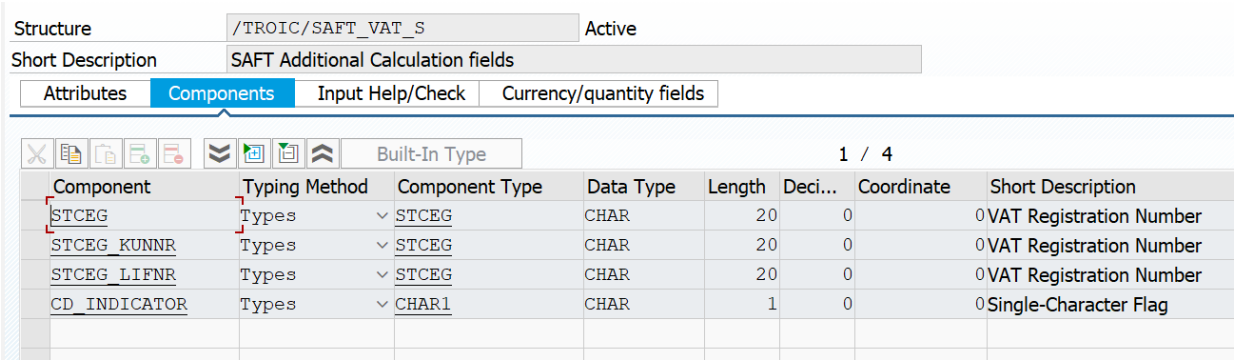
Structures Name
/TROIC/SAFT_BALANCES_S
/TROIC/SAFT_VAT_S
/TROIC/SAFT_CALC_STOCK_S
/TROIC/CALC_ANL_TYP
/TROIC/SAFT_CALC_AMOUNTS
/TROIC/SAFT_CALC_MVG
/TROIC/SAFT_CALC_PRD
/TROIC/SAFT_SELECT_PARAM
/TROIC/SAFT_CALC_AST
/TROIC/SAFT_CALC_ATR
/TROIC/SAFT_CALC_PIN
/TROIC/SAFT_CALC_SIN

- TROIC/SAFT_BALANCES_S – used in SAFT Supplier, GLA & Customer Dataset (to calculate the amount and holds the balance related data).



Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
OP_DB	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
OP_CD	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CL_DB	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CL_CD	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STCEG	Types	STCEG	CHAR	20	0	0	VAT Registration Number

- /TROIC/SAFT_VAT_S – used in SAFT - Customers, Supplier, Owners, Sales & Purchase Invoice Datasets, (conversion of VAT numbers to country's VAT Number, Credit & Debit Indicator for Transactional Data)



Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
STCEG	Types	STCEG	CHAR	20	0	0	VAT Registration Number
STCEG_KUNNR	Types	STCEG	CHAR	20	0	0	VAT Registration Number
STCEG_LIFNR	Types	STCEG	CHAR	20	0	0	VAT Registration Number
CD_INDICATOR	Types	CHAR1	CHAR	1	0	0	Single-Character Flag

- /TROIC/SAFT_CALC_STOCK_S - used in SAFT Physical Stock (to calculate the Opening & Closing – Stock Value & Stock Quantity)

Structure: /TROIC/SAFT_CALC_STOCK_S Active
Short Description: SAFT Stock calculations structure
Attributes | Components | Input Help/Check | Currency/quantity fields
Built-In Type 1 / 5

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
OP_STK_VALUE	Types	SALK3	CURR	13	2	0	Value of Total Valuated Stock
CL_STK_VALUE	Types	SALK3	CURR	13	2	0	Value of Total Valuated Stock
OP_STK_QUAN	Types	LBKUM	QUAN	13	3	0	Total Valuated Stock
CL_STK_QUAN	Types	LBKUM	QUAN	13	3	0	Total Valuated Stock
UOMCONVESRIONFA...	Types	/TROIC/UOMCONVE...	DEC	5	2	0	UOMtoUOM conversion factor

- /TROIC/CALC_ANL_TYP - used in SAFT Analysis Type Table (to gather all the SAP analysis types (CC, PC, PROJ, BRANCH) to the single structure & give it as the input to the field mapping

Structure: /TROIC/CALC_ANL_TYP Active
Short Description: Structure for analysis type
Attributes | Components | Input Help/Check | Currency/quantity fields
Built-In Type 1 / 9

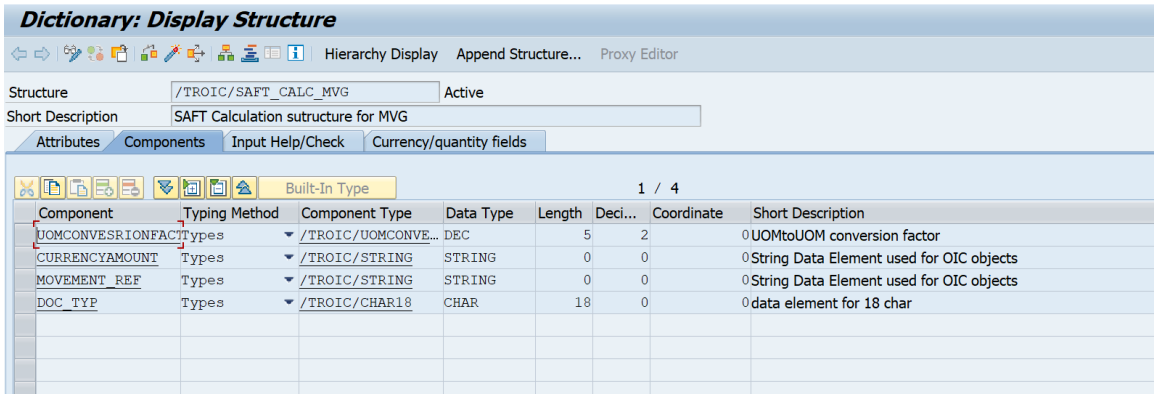
Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
BUKRS	Types	BUKRS	CHAR	4	0	0	Company Code
ANL_TYP	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ANL_DESC	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ANL_ID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ANL_ID_DESC	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
NETWR	Types	NETWR	CURR	15	2	0	Net Value in Document Currency
ANL_AMT	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ANL_CURR_COD	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ANL_CURR_AMT	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

- /TROIC/SAFT_CALC_AMOUNTS – used in SAFT GLE Dataset (to calculate the Amounts in Local & Reporting Country)

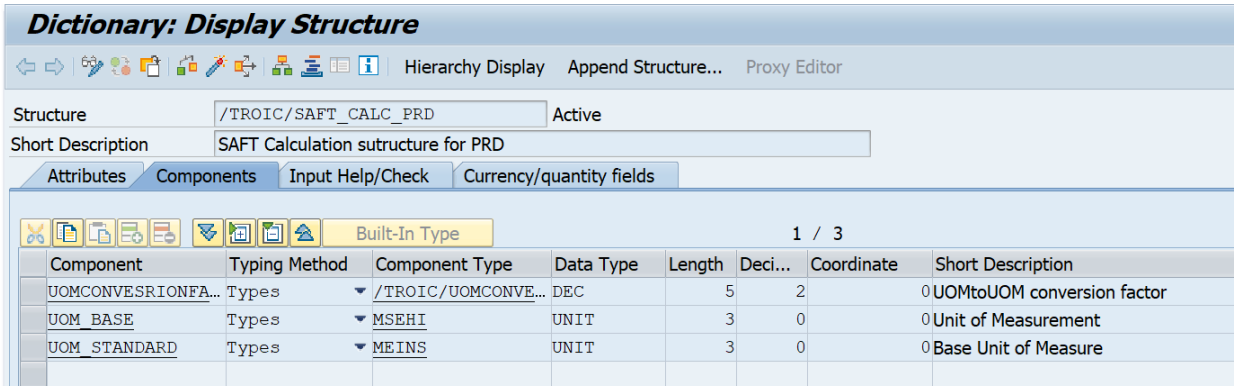
Dictionary: Display Structure
Hierarchy Display | Append Structure... | Proxy Editor
Structure: /TROIC/SAFT_CALC_AMOUNTS Active
Short Description: SAFT Amounts Calculation structure
Attributes | Components | Input Help/Check | Currency/quantity fields
Built-In Type 1 / 6

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
WRBTR	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DMBTR	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DMBTR_DEBIT	Types	DMBTR	CURR	23	2	0	Amount in local currency
DMBTR_CREDIT	Types	DMBTR	CURR	23	2	0	Amount in local currency
WRBTR_CREDIT	Types	WRBTR	CURR	23	2	0	Amount in document currency
WRBTR_DEBIT	Types	WRBTR	CURR	23	2	0	Amount in document currency

- /TROIC/SAFT_CALC_MVG – used in SAFT MVG Dataset (for conversion of Unit of Measurements)



- /TROIC/SAFT_CALC_PRD – used in SAFT PRD Dataset (for conversion of Unit of Measurements)



- /TROIC/SAFT_SELECT_PARAM: It's a Global Structure that holds all the selection screen parameters of all SAFT Data sets.

Dictionary: Display Structure

Hierarchy Display | Append Structure... | Proxy Editor

Structure: /TROIC/SAFT_SELECT_PARAM — Active

Short Description: SAFT selection parameters structure

Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type — 1 / 20

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
BUKRS	Types	BUKRS	CHAR	4	0	0	Company Code
SAKNR	Types	SAKNR	CHAR	10	0	0	G/L Account Number
ALTKT	Types	ALTKT	CHAR	10	0	0	Account Number in Group
C_GL	Types	BOOLEAN	CHAR	1	0	0	Boolean Variable (X = True, - = False, Space = Unknown)
GJAHR	Types	GJAHR	NUMC	4	0	0	Fiscal Year
MONAT	Types	MONAT	NUMC	2	0	0	Fiscal period
RLDNR	Types	RLDNR	CHAR	2	0	0	Ledger
BUKRS_RANGE	Types	FUDY_BUKRS_RANGE		0	0	0	Range table of Company Code
POSTIING_DATES	Types	/TROIC/POSTING_...		0	0	0	SAFT Posting dates range
POSTIING_DATES_R...	Types	RANGE_DATE		0	0	0	Structure of a Range Table for a Date
C_CUS	Types	BOOLEAN	CHAR	1	0	0	Boolean Variable (X = True, - = False, Space = Unknown)
KUNNR	Types	KUNNR	CHAR	10	0	0	Customer Number
AKONT	Types	AKONT	CHAR	10	0	0	Reconciliation Account in General Ledger
C_UOM	Types	BOOLEAN	CHAR	1	0	0	Boolean Variable (X = True, - = False, Space = Unknown)
C_SUP	Types	BOOLEAN	CHAR	1	0	0	Boolean Variable (X = True, - = False, Space = Unknown)
LIFNR	Types	LIFNR	CHAR	10	0	0	Account Number of Supplier
C_MTT	Types	BOOLEAN	CHAR	1	0	0	Boolean Variable (X = True, - = False, Space = Unknown)
C_ATR	Types	BOOLEAN	CHAR	1	0	0	Boolean Variable (X = True, - = False, Space = Unknown)

- /TROIC/SAFT_CALC_AST – This structure is used in SAFT_AST dataset (to calculate amounts for the assets).

Structure: /TROIC/SAFT_CALC_AST — Active

Short Description: calculation structure for SAFT - Asset

Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type — 1 / 21

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ASTVALUETYP	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
AQ_PRD_COST_BGN	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
AQ_PRD_COST_END	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
INVEST_SUPRT	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
TRANSFERS	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
BOOK_VLU_BGN	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
DEP_FOR_PERIOD	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
APR_FOR_PERIOD	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
EXT_DEP_METH	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
EXT_DEP_AMT_PER...	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
ACC_DEP	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
BOOK_VLU_END	Types	FINS_VHCUR12	CURR	23	2	0	Amount in Company Code Currency
DT_OF_AQUISITION	Types	BZDAT_PN	DATS	8	0	0	Prima Nota Information for BZDAT
SUPPLIERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTID	Types	/TROIC/STACCID	CHAR	35	0	0	SAFT Standard Account ID
VALUATION_CLASS	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ASSET_YEAR	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ASSET_MONTH	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

- /TROIC/SAFT_CALC_ATR – The structure is used in SAFT_ATR dataset (it is used for calculating asset transactions).

Structure: /TROIC/SAFT_CALC_ATR Active
Short Description: Structure for asset transaction calculations
Attributes | Components | Input Help/Check | Currency/quantity fields
Built-In Type 1 / 4

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ACQ_PRD_COST_TRN	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BK_VLU_TRN	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
AST_TRN_AMT	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ASTVALUETYP	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

- /TROIC/SAFT_CALC_PIN – This structure is used in SAFT_PIN dataset (it is used to calculate amount in purchase invoice dataset).

Structure: /TROIC/SAFT_CALC_PIN Active
Short Description: SAFT Calculation structure for PIN
Attributes | Components | Input Help/Check | Currency/quantity fields
Built-In Type 1 / 6

Component	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
TAX_AMT_LOCAL	DMBTR	CURR	23	2	0	Amount in local currency
TAX_AMT_DOCU	WRBTR	CURR	23	2	0	Amount in document currency
GROSS_TOTAL	DMBTR	CURR	23	2	0	Amount in local currency
DELIVERY_DATE	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DELIVERY_TODATE	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DELIVERY_FROMDA...	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

- /TROIC/SAFT_CALC_SIN – This structure is used in SAFT_SIN dataset (it is used to calculate the net value for the sales invoice).

Structure: /TROIC/SAFT_CALC_SIN Active
Short Description: SAFT Calculation Structure for SIN
Attributes | Components | Input Help/Check | Currency/quantity fields
Built-In Type 1 / 5

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
UNIT_PRICE	Types	NETWR_FP	CURR	15	2	0	Net Value of Billing item in Document Currency
DELIVERY_DATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DELIVERY_FROMDA...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DELIVERY_TODATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
INVOICE_LINEAMT	Types	NETWR	CURR	15	2	0	Net Value in Document Currency

SAFT CUSTOM TABLES

We have created custom tables, where we can configure the data as per the SAFT requirement.

SAFT Dataset - Analysis Type Table

- /TROIC/D_ANLTYP: This table is used to maintain the Analysis types against each company code.
- View Name - /TROIC/V_ANLTYPE - Maintenance created on top of the custom table /TROIC/D_ANLTYP.
- T – code - /TROIC/SAFT_ANLTYP.

Transparent Table /TROIC/D_ANLTYP Active
Short Description Analysis Type Table

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	☑	☑	MANDT	CLNT	3	0	0	Client
BUKRS	☑	☑	BUKRS	CHAR	4	0	0	Company Code
ANALS_TYP	☑	☑	/TROIC/ANLSTY	CHAR	3	0	0	Analysis Type
COUNTRY	☐	☐	/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP	☐	☐	/TROIC/COUNTRY_GROUP	CHAR	4	0	0	Country Group
DES	☐	☐	/TROIC/DES	CHAR	35	0	0	Description

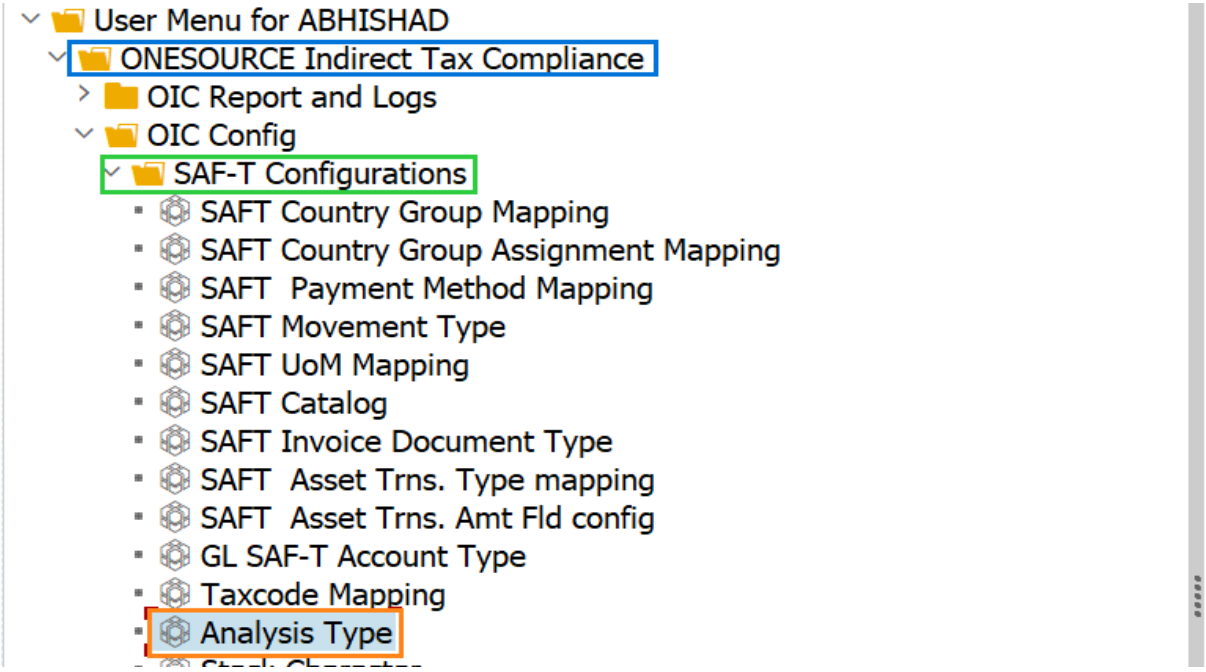
Maintenance View /TROIC/V_ANLTYPE Active
Short Description Analysis Type

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

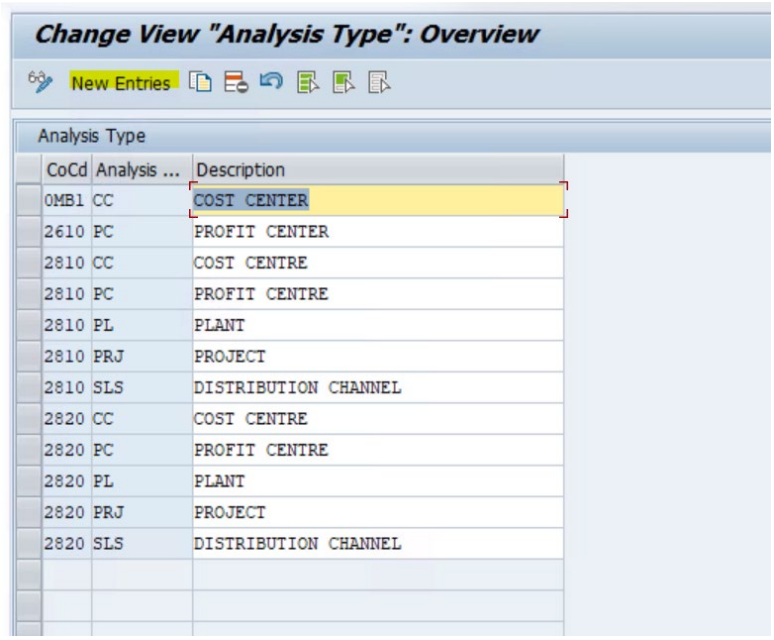
Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/D_ANLTYP	MANDT		☑	MANDT	☐	CLNT	3	Client
BUKRS	/TROIC/D_ANLTYP	BUKRS		☑	BUKRS	☐	CHAR	4	Company Code
ANALS_TYP	/TROIC/D_ANLTYP	ANALS_TYP		☑	/TROIC/ANLSTY	☐	CHAR	3	Analysis Type
COUNTRY	/TROIC/D_ANLTYP	COUNTRY		☐	/TROIC/COUNTRY	☐	CHAR	3	Country
COUNTRY_GROUP	/TROIC/D_ANLTYP	COUNTRY_GROUP		☐	/TROIC/COUNTRY_GROUP	☐	CHAR	4	Country Group
DES	/TROIC/D_ANLTYP	DES		☐	/TROIC/DES	☐	CHAR	35	Description

For Accessing these table use the below path, and user can directly add entries to the table.



By Clicking on the NEW ENTRIES, the user can add entries to the table



CoCd	Analysis ...	Description
0MB1	CC	COST CENTER
2610	PC	PROFIT CENTER
2810	CC	COST CENTRE
2810	PC	PROFIT CENTRE
2810	PL	PLANT
2810	PRJ	PROJECT
2810	SLS	DISTRIBUTION CHANNEL
2820	CC	COST CENTRE
2820	PC	PROFIT CENTRE
2820	PL	PLANT
2820	PRJ	PROJECT
2820	SLS	DISTRIBUTION CHANNEL

SAFT Dataset - Purchase Invoices & Sales Invoices Data.

- Table Name - /TROIC/D_DOCTYP: This table is used to maintain the SAP Document type (whichever the client uses) to country's document type.

- View Name - /TROIC/V_DOCTYPE Maintenance created on top of the custom table /TROIC/D_DOCTYP.
- T – code - /TROIC/SAFT_DOCTYP

Transparent Table /TROIC/D_DOCTYP Active

Short Description Invoice Doc Types - SAFT Doc Types Mapping

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	✓	✓	MANDT	CLNT	3	0	0	Client
BLART	✓	✓	BLART	CHAR	2	0	0	Document Type
COUNTRY			/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP			/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
SAFT_INV_CD			/TROIC/SAFT_INV...	CHAR	3	0	0	SAFT Invoice Code

Maintenance View /TROIC/V_DOCTYPE :tive

Short Description Invoice Document Type

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/D_DOCTYP	MANDT		✓	MANDT		CLNT	3	Client
BLART	/TROIC/D_DOCTYP	BLART		✓	BLART		CHAR	2	Document Type
COUNTRY	/TROIC/D_DOCTYP	COUNTRY			/TROIC/COUNTRY		CHAR	3	Country
COUNTRY_GROUP	/TROIC/D_DOCTYP	COUNTRY_GROUP			/TROIC/COUNTRY_GROUP		CHAR	4	Country Group
SAFT_INV_CD	/TROIC/D_DOCTYP	SAFT_INV_CD			/TROIC/SAFT_INV_CD		CHAR	3	SAFT Invoice Code

For Accessing these table use the below path, and user can directly add entries to the table.

- Favorites
- User Menu for ABHISHAD
  - ONESOURCE Indirect Tax Compliance
    - OIC Report and Logs
    - OIC Config
      - SAF-T Configurations
        - SAFT Country Group Mapping
        - SAFT Country Group Assignment Mapping
        - SAFT Payment Method Mapping
        - SAFT Movement Type
        - SAFT UoM Mapping
        - SAFT Catalog
        - SAFT Invoice Document Type

By Clicking on the NEW ENTRIES, the user can add entries to the table

Change View "Invoice Document Type": Overview

New Entries

Invoice Document Type

Type	Country	Cntry Grp	Inv Code
AB	RO	*	385
DG	RO	*	Credit Note
DR	RO	*	Invoice
RE	RO	*	Self-Invoice
RV	RO	*	Corrected Inoice
SA	RO	*	385

SAFT Dataset - GLA data

- Table Name - /TROIC/D_GL_ACC - This table is used to maintain the account type for each GL – Active, Passive or Bifunctional.
- View Name - /TROIC/V_GLACC - Maintenance created on top of the custom table /TROIC/D_GL_ACC.
- T-Code - /TROIC/SAFT_GL_ACC

Transparent Table /TROIC/D_GL_ACC Active

Short Description GL Accounts

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	✓	✓	MANDT	CLNT	3	0	0	Client
KTOPL	✓	✓	KTOPL	CHAR	4	0	0	Chart of Accounts
SAKNR	✓	✓	SAKNR	CHAR	10	0	0	G/L Account Number
COUNTRY			/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP			/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
STACCID			/TROIC/STACCID	CHAR	35	0	0	SAFT Standard Account ID
ACT_TYP			/TROIC/ACCTYPE	NUMC	2	0	0	Account Type

Maintenance View /TROIC/V_GLACC Active

Short Description GL Accounts

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

Table fields

View field	Data elem.	M...	DTyp	Length	Short description
MANDT	MANDT		CLNT	3	Client
KTOPL	KTOPL		CHAR	4	Chart of Accounts
SAKNR	SAKNR		CHAR	10	G/L Account Number
COUNTRY	/TROIC/COUNTRY		CHAR	3	Country
COUNTRY_GROUP	/TROIC/COUNTRY_GROUP		CHAR	4	Country Group
STACCID	/TROIC/STACCID		CHAR	35	SAFT Standard Account ID
ACT_TYP	/TROIC/ACCTYPE		NUMC	2	Account Type

For Accessing these table use the below path, and user can directly add entries to the table.

- Favorites
- User Menu for ABHISHAD
  - ONESOURCE Indirect Tax Compliance
    - OIC Report and Logs
    - OIC Config
      - SAF-T Configurations
        - SAFT Country Group Mapping
        - SAFT Country Group Assignment Mapping
        - SAFT Payment Method Mapping
        - SAFT Movement Type
        - SAFT UoM Mapping
        - SAFT Catalog
        - SAFT Invoice Document Type
        - SAFT Asset Trns. Type mapping
        - SAFT Asset Trns. Amt Fld config
        - GL SAF-T Account Type

By Clicking on the NEW ENTRIES, the user can add entries to the table

Change View "GL Accounts": Overview

New Entries

GL Accounts

Chrt/Accts	G/L Account	Country	Cntry Grp	Standard Account ID	Acc Typ
YCOA	192700	RO	*	151	Activ
YCOA	701100	RO	*	7015	Activ
YCOA	884000	RO	*	7588	Activ
YCOA	10010000	RO	*	5311	Activ
YCOA	10020000	RO	*	5311	Activ
YCOA	11001000	RO	*	5121	Activ
YCOA	11001010	RO	*	5121	Activ
YCOA	11001020	RO	*	5121	Activ
YCOA	11001030	RO	*	5125	Activ
YCOA	11001040	RO	*	5121	Activ
YCOA	11001045	RO	*	5121	Activ
YCOA	11001050	RO	*	5121	Activ
YCOA	11001055	RO	*	5121	Activ
YCOA	11001060	RO	*	5121	Activ
YCOA	11001065	RO	*	5121	Activ
YCOA	11001066	RO	*	5121	Activ
YCOA	11001067	RO	*	5121	Activ
YCOA	11001070	RO	*	5125	Activ

SAFT Dataset - Physical Stock

- Table Name - /TROIC/D_STKCH: This Table holds the material and company code and its stock characteristic (like which type of material it is handling).
  - View Name - /TROIC/V_STKCHAR: Maintenance created on top of the custom table /TROIC/D_STKCH.
  - T – code - /TROIC/SAFT_STKCH.

Transparent Table /TROIC/D_STKCH Active

Short Description Table for Stock Characteristic and its value

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MAND	✓	✓	MANDT	CLNT	3	0	0	Client
MATNR	✓	✓	MATNR	CHAR	40	0	0	Material Number
WERKS	✓	✓	WERKS_D	CHAR	4	0	0	Plant
LGORT	✓	✓	LGORT_D	CHAR	4	0	0	Storage location
COUNTRY			/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP			/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
MTART			MTART	CHAR	4	0	0	Material type
STOCKCHAR			/TROIC/STCKCHAR	CHAR	18	0	0	Stock Charatcter
STOCKCHARVALUE			/TROIC/STCKCHAR...	CHAR	35	0	0	Stock Charatcter Value

Dictionary: Display View

Maintenance View /TROIC/V_STKCHAR Active

Short Description Character Value for Physical Stock

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

Table fields

View field	Data elem.	M...	DTyp	Length	Short description
MAND	MANDT		CLNT	3	Client
MATNR	MATNR		CHAR	40	Material Number
WERKS	WERKS_D		CHAR	4	Plant
LGORT	LGORT_D		CHAR	4	Storage location
COUNTRY	/TROIC/COUNTRY		CHAR	3	Country
COUNTRY_GROUP	/TROIC/COUNTRY_GROUP		CHAR	4	Country Group
MTART	MTART		CHAR	4	Material type
STOCKCHAR	/TROIC/STCKCHAR		CHAR	18	Stock Charatcter
STOCKCHARVALUE	/TROIC/STCKCHARVALUE		CHAR	35	Stock Charatcter Value

For Accessing these table use the below path, and user can directly add entries to the table.

- Favorites
- User Menu for ABHISHAD
  - ONESOURCE Indirect Tax Compliance
    - OIC Report and Logs
    - OIC Config
      - SAF-T Configurations
        - SAFT Country Group Mapping
        - SAFT Country Group Assignment Mapping
        - SAFT Payment Method Mapping
        - SAFT Movement Type
        - SAFT UoM Mapping
        - SAFT Catalog
        - SAFT Invoice Document Type
        - SAFT Asset Trns. Type mapping
        - SAFT Asset Trns. Amt Fld config
        - GL SAF-T Account Type
        - Taxcode Mapping
        - Analysis Type
        - Stock Character
        - OIC SPEC Mapping

By Clicking on the NEW ENTRIES, the user can add entries to the table

Display View "Character Value for Physical Stock": Overview

Character Value for Physical Stock

Material	Plnt	SLoc	Country	Cntry Grp	MTyp	Stock Charatcter	+
*	2810	*	RO	*		RO10	0
*	2820	*	RO	*		RO20	0
27	2810	*	RO	*	HAWA	RO01	BLUE_35
27	2820	*	RO	*	HAWA	RO01	BLUE_35
28	2810	*	RO	*	HAWA	RO01	YELLOW_124
28	2820	*	RO	*	HAWA	RO01	YELLOW_124

SAFT Dataset - Tax Table, Movement Of Goods, Payments, Sales Invoices , Purchase Invoices, General Ledger Entries.

- /TROIC/SAFT_TAX: This table is used to map the SAP tax code to the corresponding SAFT tax code as defined by each country's local tax authority.
- View Name - /TROIC/V_SAFTTAX: Maintenance created on top of the custom table /TROIC/SAFT_TAX.
- T – code - /TROIC/SAFT_TAXCD.

Transparent Table /TROIC/SAFT_TAX Active

Short Description Master Data - SAFT Taxcode mapping table

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type | 1 / 13

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	✓	✓	MANDT	CLNT	3	0	0	Client
KALSM	✓	✓	KALSM_D	CHAR	6	0	0	Procedure (Pricing, Output Control, Acct. Det., Costing,...)
MWSKZ	✓	✓	MWSKZ	CHAR	2	0	0	Tax on sales/purchases code
SAFT_TAX_TYP	✓	✓	/TROIC/TAX_TYP	NUMC	3	0	0	SAFT Tax Type
SAFT_TAX_CODE	✓	✓	/TROIC/TAX_CODE	NUMC	6	0	0	SAFT Tax Code
COUNTRY			/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP			/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
SAFT_TAXTYP_DESC			/TROIC/TAXTYP_D...	CHAR	225	0	0	SAFT tax type description
SAFT_TAXCOD_DESC			/TROIC/TAXCOD_D...	CHAR	255	0	0	SAFT Tax code description
TAX_PERCENTAGE			/TROIC/TAX_PERC...	DEC	9	2	0	SAFT Tax percentage
TAX_BASE_RATE			/TROIC/BASE_RATE	DEC	9	2	0	SAFT Tax Base Rate
LAND1			LAND1	CHAR	3	0	0	Country/Region Key
TAX_EXEMPT_CODE			/TROIC/TAX_EXEM...	CHAR	70	0	0	SAFT Tax Emempt Reason

Maintenance View /TROIC/V_SAFTTAX Active
Short Description View for /TROIC/SAFT_TAX

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/SAFT_TAX	MANDT		✓	MANDT		CLNT	3	Client
KALSM	/TROIC/SAFT_TAX	KALSM		✓	KALSM_D		CHAR	6	Procedure (Pricing, Output Co
MWSKZ	/TROIC/SAFT_TAX	MWSKZ		✓	MWSKZ		CHAR	2	Tax on sales/purchases code
SAFT_TAX_TYP	/TROIC/SAFT_TAX	SAFT_TAX_TYP		✓	/TROIC/TAX_TYP		NUMC	3	SAFT Tax Type
SAFT_TAX_CODE	/TROIC/SAFT_TAX	SAFT_TAX_CODE		✓	/TROIC/TAX_CODE		NUMC	6	SAFT Tax Code
COUNTRY	/TROIC/SAFT_TAX	COUNTRY			/TROIC/COUNTRY		CHAR	3	Country
COUNTRY_GROUP	/TROIC/SAFT_TAX	COUNTRY_GROUP			/TROIC/COUNTRY_GROUP		CHAR	4	Country Group
SAFT_TAXTYP_DESC	/TROIC/SAFT_TAX	SAFT_TAXTYP_DESC			/TROIC/TAXTYP_DESC		CHAR	225	SAFT tax type description
SAFT_TAXCOD_DESC	/TROIC/SAFT_TAX	SAFT_TAXCOD_DESC			/TROIC/TAXCOD_DESC		CHAR	255	SAFT Tax code description
TAX_PERCENTAGE	/TROIC/SAFT_TAX	TAX_PERCENTAGE			/TROIC/TAX_PERCENTAGE		DEC	9	SAFT Tax percentage
TAX_BASE_RATE	/TROIC/SAFT_TAX	TAX_BASE_RATE			/TROIC/BASE_RATE		DEC	9	SAFT Tax Base Rate
LAND1	/TROIC/SAFT_TAX	LAND1			LAND1		CHAR	3	Country/Region Key
TAX_EXEMPT_CODE	/TROIC/SAFT_TAX	TAX_EXEMPT_CODE			/TROIC/TAX_EXEMPT_CD		CHAR	70	SAFT Tax Emempt Reason

For Accessing these table use the below path, and user can directly add entries to the table.

- Favorites
- User Menu for ABHISHAD
  - ONESOURCE Indirect Tax Compliance
    - OIC Report and Logs
    - OIC Config
      - SAF-T Configurations
        - SAFT Country Group Mapping
        - SAFT Country Group Assignment Mapping
        - SAFT Payment Method Mapping
        - SAFT Movement Type
        - SAFT UoM Mapping
        - SAFT Catalog
        - SAFT Invoice Document Type
        - SAFT Asset Trns. Type mapping
        - SAFT Asset Trns. Amt Fld config
        - GL SAF-T Account Type
        - Taxcode Mapping

By Clicking on the NEW ENTRIES, the user can add entries to the table

Change View "View for /TROIC/SAFT_TAX": Overview

New Entries

View for /TROIC/SAFT_TAX

Proc.	Tx	Tax Type	SAFT Taxcd	Country	Cntry Grp	Tax Type Description
0TXRO	A0	300	310304	RO	*	LIST OF VAT CODES FOR SALES TRANSACTIONS
0TXRO	A1	300	310309	RO	*	LIST OF VAT CODES FOR SALES TRANSACTIONS
0TXRO	A2	300	310310	RO	*	LIST OF VAT CODES FOR SALES TRANSACTIONS
0TXRO	A3	300	310311	RO	*	LIST OF VAT CODES FOR SALES TRANSACTIONS
0TXRO	RO	309	310312	RO	*	LIST OF VAT CODES FOR SALES TRANSACTIONS
0TXRO	V0	300	328302	RO	*	LIST OF VAT CODES FOR SALES TRANSACTIONS
0TXRO	V1	300	309101	RO	*	LIST OF VAT CODES FOR PURCHASES WITH 100% DEDUCTIBLE VAT
0TXRO	V2	300	320102	RO	*	LIST OF VAT CODES FOR PURCHASES WITH 50% DEDUCTIBLE VAT SUBJECT TO PRO RATA ALLOCATION
0TXRO	V3	300	330103	RO	*	LIST OF VAT CODES FOR PURCHASES WITH 50% VAT WHERE DEDUCTIBILITY UNDER THE PRO RATA METHOD IS UNKNOWN

SAFT Dataset – Assets Transactions

- Table Name: /TROIC/D_ASTTYP – The Table is created to map the analysis types to each company code.
- View Name - /TROIC/V_ASTTYPE: This Table holds the Asset Transaction Type and SAFT Asset traction type (like which type of Asset Transaction is it handling).
- T-code - /TROIC/SAFT_ASTTYP.

Transparent Table /TROIC/D_ASTTYP Active

Short Description Asset Transaction Type - SAFT Type Mapping

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	✓	✓	MANDT	CLNT	3	0	0	Client
ANBWA	✓	✓	ANBWA	CHAR	3	0	0	Asset Transaction Type
COUNTRY			/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP			/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
SAFT_ATR_TYP		✓	/TROIC/SAFT_ATR...	CHAR	3	0	0	SAFT Asset traction type

Maintenance View /TROIC/V_ASTTYPE Active
Short Description Maintainance View for Asset Transaction Types

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/D_ASTTYP	MANDT		✓	MANDT		CLNT	3	Client
ANBWA	/TROIC/D_ASTTYP	ANBWA		✓	ANBWA		CHAR	3	Asset Transaction Type
COUNTRY	/TROIC/D_ASTTYP	COUNTRY			/TROIC/COUNTRY		CHAR	3	Country
COUNTRY_GROUP	/TROIC/D_ASTTYP	COUNTRY_GROUP			/TROIC/COUNTRY_GROUP		CHAR	4	Country Group
SAFT_ATR_TYP	/TROIC/D_ASTTYP	SAFT_ATR_TYP			/TROIC/SAFT_ATR_TYP		CHAR	3	SAFT Asset traction type

For Accessing these table use the below path, and user can directly add entries to the table.

- Favorites
- User Menu for ABHISHAD
  - ONESOURCE Indirect Tax Compliance
    - OIC Report and Logs
    - OIC Config
      - SAF-T Configurations
        - SAFT Country Group Mapping
        - SAFT Country Group Assignment Mapping
        - SAFT Payment Method Mapping
        - SAFT Movement Type
        - SAFT UoM Mapping
        - SAFT Catalog
        - SAFT Invoice Document Type
        - SAFT Asset Trns. Type mapping
        - SAFT Asset Trns. Amt Fld config
        - GL SAF-T Account Type

By Clicking on the NEW ENTRIES, the user can add entries to the table

Change View "Maintainance View for Asset Transaction Types": Overview

New Entries

Maintainance View for Asset Transaction Types

A.TrnsType	Country	Cntry Grp	SAFT TYP
100	RO	*	Other transactions
500	RO	*	Depreciation

SAFT Dataset – Assets

- Table Name - /TROIC/D_CTLOG: This Table holds the Company, Asset Definition Key, Definition Key Sequential Number, Definition Key Offset, Definition Key Length and Definition Key Content.

- View Name: /TROIC/V_CTLOG - Maintenance created on top of the custom table /TROIC/D_CLOG.
- T-code - /TROIC/SAFT_CTLOG.

Transparent Table /TROIC/D_CTLOG Active
Short Description SAF - T Catalog

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	☑	☑	MANDT	CLNT	3	0	0	Client
BUKRS	☑	☑	BUKRS	CHAR	4	0	0	Company Code
AST_DEF_KEY	☑	☑	/TROIC/SAFT_AST...	CHAR	10	0	0	Asset Definition Key
COUNTRY	☐	☐	/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP	☐	☐	/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
DEF_KEY_SEQ_NMBR	☐	☐	/TROIC/SAFT_SEQ...	NUMC	3	0	0	Definition Key Sequential Number
DEF_KEY_OFFSET	☐	☐	/TROIC/SAFT_DEF...	CHAR	255	0	0	Definition Key Offset
DEF_KEY_LENGTH	☐	☐	/TROIC/SAFT_DEF...	CHAR	255	0	0	Definition Key Length
DEF_KEY_CONTENT	☐	☐	/TROIC/SAFT_DEF...	CHAR	25	0	0	Definition Key Content

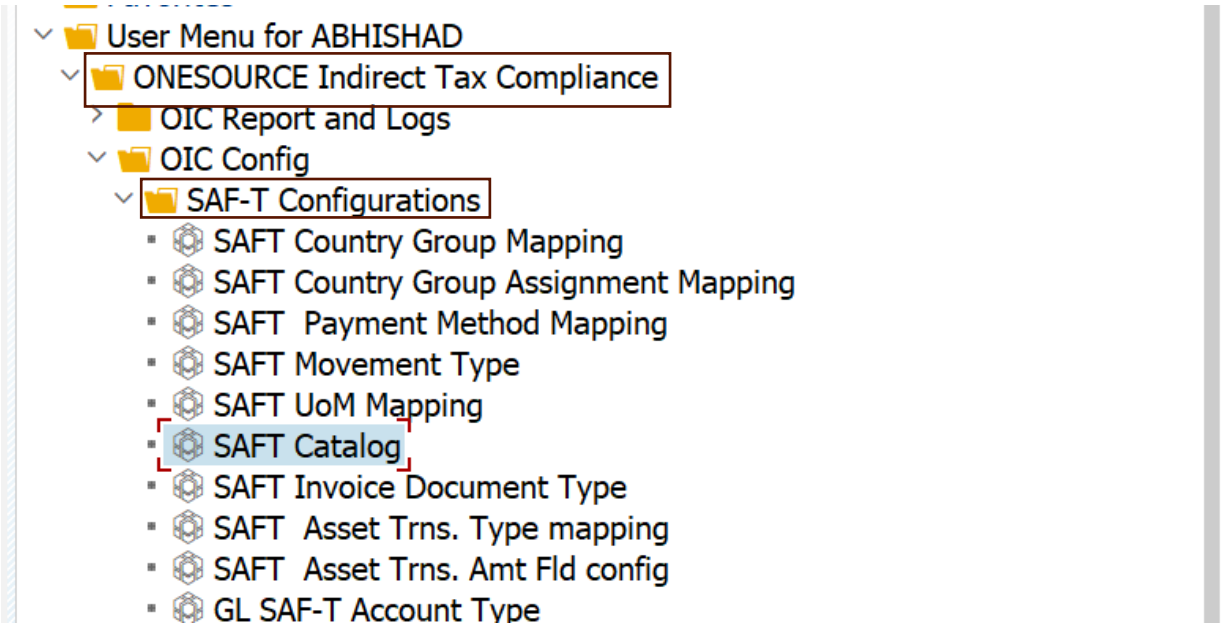
Maintenance View /TROIC/V_CTLOG Active
Short Description Maintainence for /TROIC/D_CTLOG

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

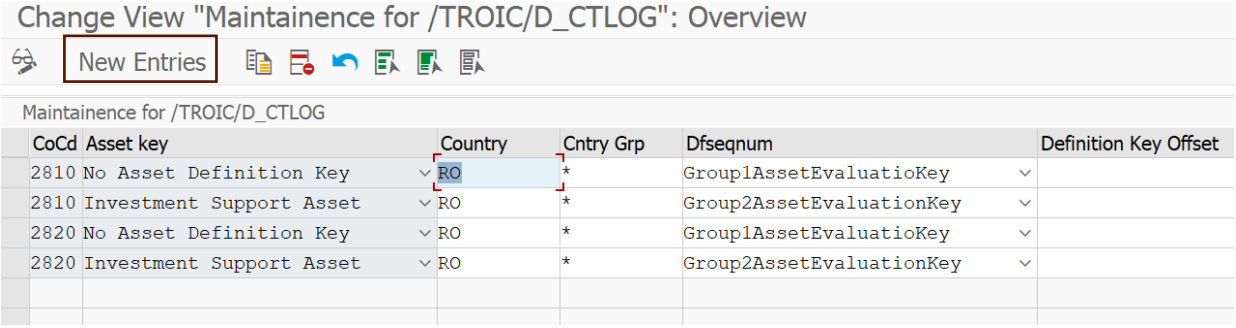
Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/D_CTLOG	NDT		☑	MANDT	☐	CLNT	3	Client
BUKRS	/TROIC/D_CTLOG	BUKRS		☑	BUKRS	☐	CHAR	4	Company Code
AST_DEF_KEY	/TROIC/D_CTLOG	AST_DEF_KEY		☑	/TROIC/SAFT_ASTDEF_KEY	☐	CHAR	10	Asset Definition Key
COUNTRY	/TROIC/D_CTLOG	COUNTRY		☐	/TROIC/COUNTRY	☐	CHAR	3	Country
COUNTRY_GROUP	/TROIC/D_CTLOG	COUNTRY_GROUP		☐	/TROIC/COUNTRY_GROUP	☐	CHAR	4	Country Group
DEF_KEY_SEQ_NMBR	/TROIC/D_CTLOG	DEF_KEY_SEQ_NMBR		☐	/TROIC/SAFT_SEQ_NMBR	☐	NUMC	3	Definition Key Sequential Number
DEF_KEY_OFFSET	/TROIC/D_CTLOG	DEF_KEY_OFFSET		☐	/TROIC/SAFT_DEF_KEY_OFFSET	☐	CHAR	255	Definition Key Offset
DEF_KEY_LENGTH	/TROIC/D_CTLOG	DEF_KEY_LENGTH		☐	/TROIC/SAFT_DEF_KEY_LENGTH	☐	CHAR	255	Definition Key Length
DEF_KEY_CONTENT	/TROIC/D_CTLOG	DEF_KEY_CONTENT		☐	/TROIC/SAFT_DEF_KEY_CONTENT	☐	CHAR	25	Definition Key Content

For Accessing these table use the below path, and user can directly add entries to the table.



By Clicking on the NEW ENTRIES, the user can add entries to the table



SAFT Dataset – UOM

- Table Name - /TROIC/D_UOMMAP: This Table holds the Base Unit of Measure, Country, SAF-T Unit of Measure and SAF-T Description.
- View - /TROIC/V_UOMMAP - Maintenance created on top of the custom table /TROIC/D_UOMMAP.
- T-code - /TROIC/SAFT_UOM.

Transparent Table /TROIC/D_UOMMAP Active
Short Description SAF-T - Map Unit of Measures

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	✓	✓	MANDT	CLNT	3	0	0	Client
MEINS	✓	✓	MEINS	UNIT	3	0	0	Base Unit of Measure
COUNTRY			/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP			/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
SAFT_UOM			/TROIC/SAFT_UOM	CHAR	4	0	0	SAF-T Unit of Measure
SAFT_DESCRIPTION			/TROIC/SAFT_DES	CHAR	255	0	0	SAF-T Description

Dictionary: Display View

Maintenance View /TROIC/V_UOMMAP Active
Short Description Maintain Unit of Measures

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/D_UOMMAP	MANDT		✓	MANDT		CLNT	3	Client
MEINS	/TROIC/D_UOMMAP	MEINS		✓	MEINS		UNIT	3	Base Unit of Measure
COUNTRY	/TROIC/D_UOMMAP	COUNTRY			/TROIC/COUNTRY		CHAR	3	Country
COUNTRY_GROUP	/TROIC/D_UOMMAP	COUNTRY_GROUP			/TROIC/COUNTRY_GROUP		CHAR	4	Country Group
SAFT_UOM	/TROIC/D_UOMMAP	SAFT_UOM			/TROIC/SAFT_UOM		CHAR	4	SAF-T Unit of Measure
SAFT_DESCRIPTION	/TROIC/D_UOMMAP	SAFT_DESCRIPTION			/TROIC/SAFT_DES		CHAR	255	SAF-T Description

For Accessing these table use the below path, and user can directly add entries to the table.

- User Menu for ABHISHAD
  - ONESOURCE Indirect Tax Compliance
    - OIC Report and Logs
    - OIC Config
      - SAF-T Configurations
        - SAFT Country Group Mapping
        - SAFT Country Group Assignment Mapping
        - SAFT Payment Method Mapping
        - SAFT Movement Type
        - SAFT UoM Mapping
        - SAFT Catalog

By Clicking on the NEW ENTRIES, the user can add entries to the table

Change View "Maintain Unit of Measures": Overview

New Entries

Maintain Unit of Measures

BUn	Country	Cntry Grp	RO UoM	Description
BT	RO	*	XBQ	BOTTLE, PROTECTED CYLINDRICAL
CCM	RO	*	CMQ	CUBIC CENTIMETRE
CM	RO	*	CMT	CENTIMETRE
EA	RO	*	EA	EACH
G	RO	*	GRM	GRAM
KG	RO	*	28	KILOGRAM PER SQUARE METRE
KGM	RO	*	KGM	KILOGRAM
L	RO	*	LTR	LITRE
M	RO	*	MTR	METRE
M2	RO	*	MTK	SQUARE METRE
M3	RO	*	MTQ	CUBIC METRE
MG	RO	*	MGM	MILLIGRAM

SAFT Dataset – Payment Methods

- Table Name - /TROIC/D_PAYMCH : This Table holds the Company Code, Payment Method, Payment Mechanism, Payment mechanism Description, SAF-T Payment Method and SAF-T Payment method Description.
- View Name - Maintenance created on top of the custom table /TROIC/V_PAYMCH.
- T-code - /TROIC/SAFT_PAYM

Transparent Table /TROIC/D_PAYMCH Active

Short Description SAFT : Payment Method Mappings

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	☑	☑	MANDT	CLNT	3	0	0	Client
BUKRS	☑	☑	BUKRS	CHAR	4	0	0	Company Code
ZLSCH	☑	☑	SCHZW_BSEG	CHAR	1	0	0	Payment Method
COUNTRY	☐	☐	/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP	☐	☐	/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
PAYM_MECH	☐	☐	/TROIC/SAFT_PAY...	CHAR	3	0	0	Payment Mechaism
PAYM_MECH_DES	☐	☐	/TROIC/SAFT_PAY...	CHAR	255	0	0	Payment Mechanism Description
PAYM_METHOD	☐	☐	/TROIC/SAFT_PAY...	CHAR	3	0	0	SAF-T Payment Method
PAYM_METHOD_DES	☐	☐	/TROIC/SAFT_PAY...	CHAR	255	0	0	SAF-T Payment Method Description

Maintenance View /TROIC/V_PAYMCH Active
Short Description Maintainance for /TROIC/D_PAYMCH
Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/D_PAYMCH	MANDT		✓	MANDT		CLNT	3	Client
BUKRS	/TROIC/D_PAYMCH	BUKRS		✓	BUKRS		CHAR	4	Company Code
ZLSCH	/TROIC/D_PAYMCH	ZLSCH		✓	SCHZW_BSEG		CHAR	1	Payment Method
COUNTRY	/TROIC/D_PAYMCH	COUNTRY			/TROIC/COUNTRY		CHAR	3	Country
COUNTRY_GROUP	/TROIC/D_PAYMCH	COUNTRY_GROUP			/TROIC/COUNTRY_GROUP		CHAR	4	Country Group
PAYM_MECH	/TROIC/D_PAYMCH	PAYM_MECH			/TROIC/SAFT_PAYMECH		CHAR	3	Payment Mechaism
PAYM_MECH_DES	/TROIC/D_PAYMCH	PAYM_MECH_DES			/TROIC/SAFT_PAYDES		CHAR	255	Payment Mechanism Description
PAYM_METHOD	/TROIC/D_PAYMCH	PAYM_METHOD			/TROIC/SAFT_PAYMMETHOD		CHAR	3	SAF-T Payment Method
PAYM_METHOD_DES	/TROIC/D_PAYMCH	PAYM_METHOD_D...			/TROIC/SAFT_PAYMETHOD_DES		CHAR	255	SAF-T Payment Method Description

For Accessing these table use the below path, and user can directly add entries to the table.

- Favorites
- User Menu for ABHISHAD
  - ONESOURCE Indirect Tax Compliance
    - OIC Report and Logs
    - OIC Config
      - SAF-T Configurations
        - SAFT Country Group Mapping
        - SAFT Country Group Assignment Mapping
        - SAFT Payment Method Mapping
        - SAFT Movement Type
        - SAFT UoM Mapping

By Clicking on the NEW ENTRIES, the user can add entries to the table

Change View "Maintainance for /TROIC/D_PAYMCH": Overview

New Entries

Maintainance for /TROIC/D_PAYMCH

CoCd	P..	Country	Cntry Grp	Pay Mech	Payment Mechanism Description
2810	E	RO	*	42	FOR PAYMENT BY BANK TRANSFER
2810	I	RO	*	41	FOR PAYMENT BY BANK TRANSFER
2810	N	RO	*	10	FOR PAYMENT BY CASH
2820	E	RO	*	42	FOR PAYMENT BY BANK TRANSFER
2820	I	RO	*	41	FOR PAYMENT BY BANK TRANSFER

SAFT Dataset – Movement types

- Table Name - /TROIC/D_MVTYP: This Table holds the Company Code, Valuation Grouping Code, Valuation Class, Movement Type (Inventory Management), Plant, Document Type, Debit/Credit Indicator, G/L Account, Account Number, ANAF Movement Type and SAF-T Movement Type Description.
- View Name - /TROIC/V_MVTYP - Maintenance created on top of the custom table /TROIC/D_MVTYP.
- T- code - /TROIC/SAFT_MVTYP.

Transparent Table /TROIC/D_MVTYP Active
Short Description SAF-T RO - SAP Movement Types to ANAF Movement types

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help | Built-In Type | 1 / 14

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	✓	✓	MANDT	CLNT	3	0	0	Client
BUKRS	✓	✓	BUKRS	CHAR	4	0	0	Company Code
BWMOD	✓	✓	BWMOD	CHAR	4	0	0	Valuation Grouping Code
BKLAS	✓	✓	BKLAS	CHAR	4	0	0	Valuation Class
BWART	✓	✓	BWART	CHAR	3	0	0	Movement type (inventory management)
WERKS	✓	✓	WERKS_D	CHAR	4	0	0	Plant
BLART	✓	✓	BLART	CHAR	2	0	0	Document Type
SHKZG	✓	✓	SHKZG	CHAR	1	0	0	Debit/Credit Indicator
HKONT	✓	✓	HKONT	CHAR	10	0	0	General Ledger Account
COUNTRY			/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP			/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
LOKKT			LOKKT	CHAR	10	0	0	Account Number in the Local Chart of Accounts
SAFT_MOV_TYP			/TROIC/SAFT_MVT...	CHAR	3	0	0	ANAF Movement Type
SAFT_MOV_DES			/TROIC/SAFT_MOV...	CHAR	255	0	0	SAF-T Movement Type Description

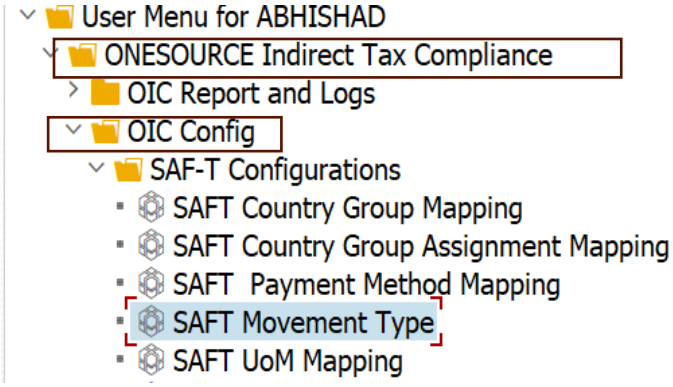
Maintenance View /TROIC/V_MVTYP Active
Short Description Maintain ANAF Movement types

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

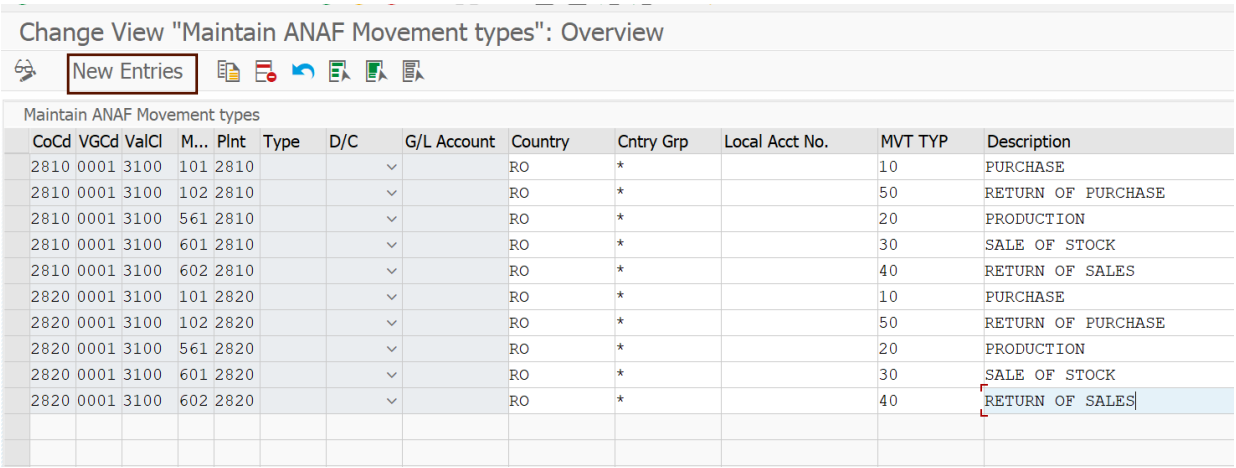
Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/D_MVTYP	MANDT		✓	MANDT		CLNT	3	Client
BUKRS	/TROIC/D_MVTYP	BUKRS		✓	BUKRS		CHAR	4	Company Code
BWMOD	/TROIC/D_MVTYP	BWMOD		✓	BWMOD		CHAR	4	Valuation Grouping Code
BKLAS	/TROIC/D_MVTYP	BKLAS		✓	BKLAS		CHAR	4	Valuation Class
BWART	/TROIC/D_MVTYP	BWART		✓	BWART		CHAR	3	Movement type (inventory management)
WERKS	/TROIC/D_MVTYP	WERKS		✓	WERKS_D		CHAR	4	Plant
BLART	/TROIC/D_MVTYP	BLART		✓	BLART		CHAR	2	Document Type
SHKZG	/TROIC/D_MVTYP	SHKZG		✓	SHKZG		CHAR	1	Debit/Credit Indicator
HKONT	/TROIC/D_MVTYP	HKONT		✓	HKONT		CHAR	10	General Ledger Account
COUNTRY	/TROIC/D_MVTYP	COUNTRY			/TROIC/COUNTRY		CHAR	3	Country
COUNTRY_GROUP	/TROIC/D_MVTYP	COUNTRY_GROUP			/TROIC/COUNTRY_GROUP		CHAR	4	Country Group
LOKKT	/TROIC/D_MVTYP	LOKKT			LOKKT		CHAR	10	Account Number in the Local Chart of Accounts
SAFT_MOV_TYP	/TROIC/D_MVTYP	SAFT_MOV_TYP			/TROIC/SAFT_MVTYP		CHAR	3	ANAF Movement Type
SAFT_MOV_DES	/TROIC/D_MVTYP	SAFT_MOV_DES			/TROIC/SAFT_MOVDES		CHAR	255	SAF-T Movement Type Description

For Accessing these table use the below path, and user can directly add entries to the table.



By Clicking on the NEW ENTRIES, the user can add entries to the table



CoCd	VGCd	ValCl	M...	Plnt	Type	D/C	G/L Account	Country	Cntry Grp	Local Acct No.	MVT TYP	Description
2810	0001	3100	101	2810				RO	*		10	PURCHASE
2810	0001	3100	102	2810				RO	*		50	RETURN OF PURCHASE
2810	0001	3100	561	2810				RO	*		20	PRODUCTION
2810	0001	3100	601	2810				RO	*		30	SALE OF STOCK
2810	0001	3100	602	2810				RO	*		40	RETURN OF SALES
2820	0001	3100	101	2820				RO	*		10	PURCHASE
2820	0001	3100	102	2820				RO	*		50	RETURN OF PURCHASE
2820	0001	3100	561	2820				RO	*		20	PRODUCTION
2820	0001	3100	601	2820				RO	*		30	SALE OF STOCK
2820	0001	3100	602	2820				RO	*		40	RETURN OF SALES

SAFT Dataset – Asset Transaction Rules Config Table

- /TROIC/D_ATRCFG: This table is used to maintain the transaction rules configuration for assets, mapping transaction type group, subledger-specific line item type, and transaction type category.
- View Name – /TROIC/V_ATR_CFG– Maintenance view created on top of the custom table /TROIC/D_ATRCFG.
- T-code – /TROIC/SAFT_ATRCFG.

Dictionary: Display Table

Technical Settings Append Structure...

Transparent Table /TROIC/D_ATRCFG Active

Short Description Custom table for assest transaction rules.

Attributes | Delivery and Maintenance | Fields | Input Help/Check | Currency/Quantity Fields | Indexes

Srch Help Built-In Type 1 / 9

Field	Key	Init...	Data element	Data Type	Length	Deci...	Coordinate	Short Description
MANDT	☑	☑	MANDT	CLNT	3	0	0	Client
FIELDNAME	☑	☑	/TROIC/SAFT_RUL...	CHAR	20	0	0	data element for rule type
BWAGRP	☑	☑	BWAGRP	CHAR	2	0	0	Transaction Type Group
SLALITTYPE	☑	☑	SLALITTYPE	NUMC	5	0	0	Subledger-Specific Line Item Type
MOVCAT	☑	☑	FAA_MOVCAT	CHAR	2	0	0	Transaction Type Category
COUNTRY	☐	☐	/TROIC/COUNTRY	CHAR	3	0	0	Country
COUNTRY_GROUP	☐	☐	/TROIC/COUNTRY_...	CHAR	4	0	0	Country Group
AMOUNT_SIGNAGE	☐	☐	/TROIC/SAFT_AMT...	CHAR	30	0	0	Data element Amount Sign
ACTIVE	☐	☐	/TROIC/ACTIVE	CHAR	1	0	0	OIC Is Active flag

Maintenance View /TROIC/V_ATR_CFG Active

Short Description SAFT Asset Transactions - Amout fields configuration

Attributes | Table/Join Conditions | View Fields | Selection Conditions | Maint.Status

Table fields

View field	Table	Field	P	Key	Data elem.	M...	DTyp	Length	Short description
MANDT	/TROIC/D_ATRCFG	MANDT		☑	MANDT	☐	CLNT	3	Client
FIELDNAME	/TROIC/D_ATRCFG	FIELDNAME		☑	/TROIC/SAFT_RULETYPE	☐	CHAR	20	data element for rule type
BWAGRP	/TROIC/D_ATRCFG	BWAGRP		☑	BWAGRP	☐	CHAR	2	Transaction Type Group
SLALITTYPE	/TROIC/D_ATRCFG	ALITTYPE		☑	SLALITTYPE	☐	NUMC	5	Subledger-Specific Line Item
MOVCAT	/TROIC/D_ATRCFG	MOVCAT		☑	FAA_MOVCAT	☐	CHAR	2	Transaction Type Category
COUNTRY	/TROIC/D_ATRCFG	COUNTRY		☐	/TROIC/COUNTRY	☐	CHAR	3	Country
COUNTRY_GROUP	/TROIC/D_ATRCFG	COUNTRY_GROUP		☐	/TROIC/COUNTRY_GROUP	☐	CHAR	4	Country Group
AMOUNT_SIGNAGE	/TROIC/D_ATRCFG	AMOUNT_SIGNAGE		☐	/TROIC/SAFT_AMTSIGN	☐	CHAR	30	Data element Amount Sign
ACTIVE	/TROIC/D_ATRCFG	ACTIVE		☐	/TROIC/ACTIVE	☐	CHAR	1	OIC Is Active flag

For Accessing these table use the below path, and user can directly add entries to the table.

- User Menu for ABHISHAD
  - ONESOURCE Indirect Tax Compliance
    - OIC Report and Logs
    - OIC Config
      - SAF-T Configurations
        - SAFT Country Group Mapping
        - SAFT Country Group Assignment Mapping
        - SAFT Payment Method Mapping
        - SAFT Movement Type
        - SAFT UoM Mapping
        - SAFT Catalog
        - SAFT Invoice Document Type
        - SAFT Asset Trns. Type mapping
        - SAFT Asset Trns. Amt Fld config
        - GL SAF-T Account Type
        - Taxcode Mapping
        - Analysis Type

By Clicking on the NEW ENTRIES, the user can add entries to the table

Change View "SAFT Asset Transactions - Amout fields configuration": Ov

New Entries

SAFT Asset Transactions - Amout fields configuration

Amount Field Name	T...	SLALiTy	Trans.Type Cat.	Country	Cntry Grp	Amount Signage	Active
Acquisition ...	10	07010		RO	*	VALUE	✓
Acquisition ...	10	07040		RO	*	POSITIVE	✓
Book value o...	10	07040		RO	*	POSITIVE	✓
Book value o...	10	07205		RO	*	VALUE	✓
Book value o...	20	07010		RO	*	POSITIVE	✓
Book value o...	25	07020		RO	*	POSITIVE	✓
Book value o...	30	07010		RO	*	POSITIVE	✓
Book value o...	55	07205		RO	*	POSITIVE	✓
Book value o...	70	07030		RO	*	VALUE	✓
Book value o...	80	07210		RO	*	POSITIVE	✓
Asset transa...	10	07010		RO	*	POSITIVE	✓
Asset transa...	20	00000	12	RO	*	VALUE	✓
Asset transa...	25	07010		RO	*	NEGATIVE	✓
Asset transa...	30	07010		RO	*	POSITIVE	✓
Asset transa...	30	07020		RO	*	POSITIVE	✓
Asset transa...	40	07010		RO	*	POSITIVE	✓
Asset transa...	55	07205		RO	*	VALUE	✓

Enhancement Spots – BadIs

Two BAdIs are available to accommodate adjustments tailored to customer requirements. The first occurs before finalizing the output line, while the second takes place after the field mapping. These BAdIs are presented as enhancement spots, allowing customers to implement changes as needed.

1. **/TROIC/ENH_OIC_MOD_LINE**:

This BAdI offers a dynamic enhancement spot during the creation of the output table line, providing flexibility through its importing and changing parameters. Customers can customize it to align with their specific requirements.

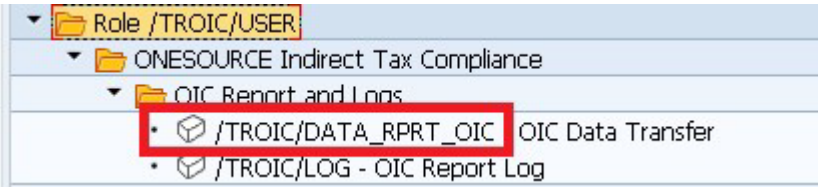
2. **/TROIC/ENH_OIC_MOD_AFTER_MAP**:

This BAdI presents a dynamic enhancement spot after the creation of the output table, triggered post-field mapping and before sending the data to OIC. Customers can tailor it to their needs by leveraging the importing and changing parameters.

USER GUIDE

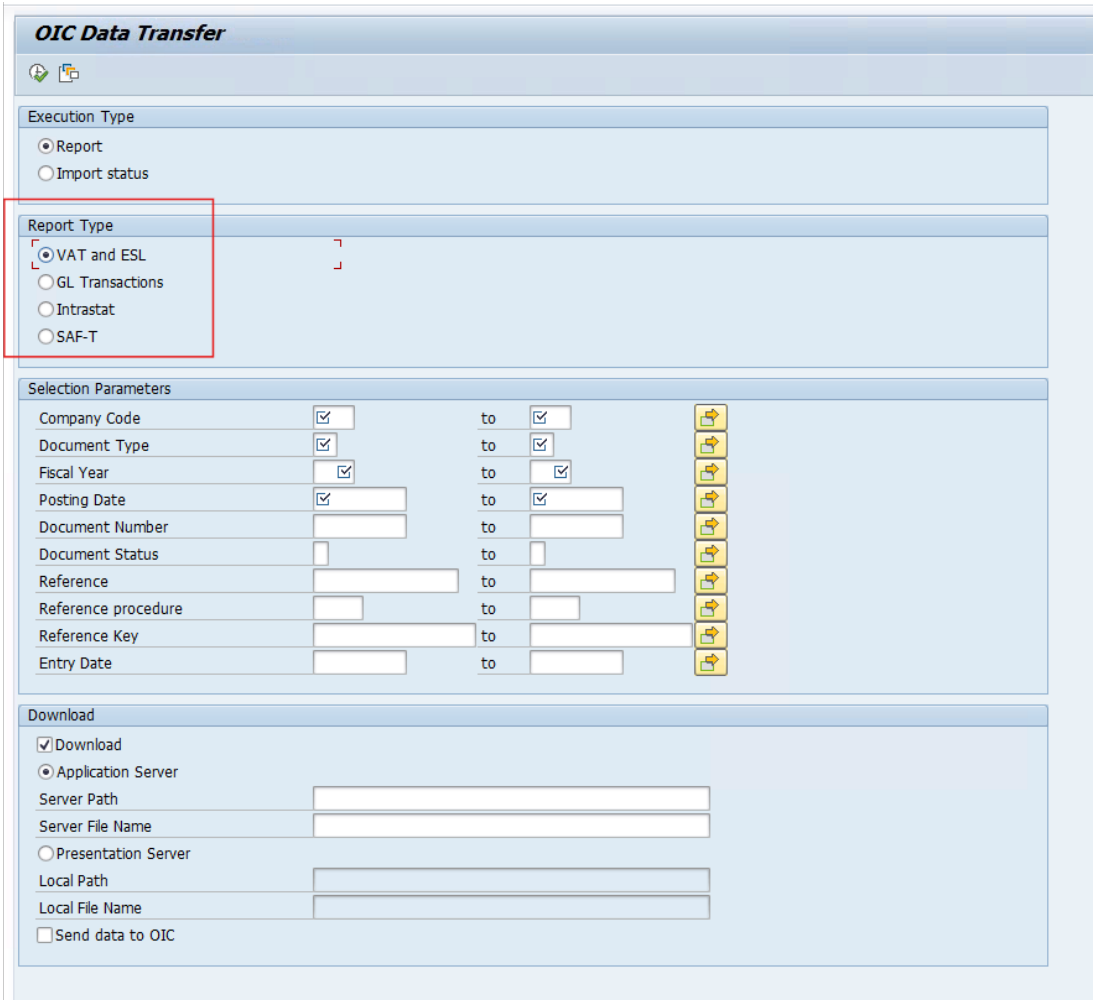
Users are presented with a selection screen within this integration, allowing them to filter the necessary data that needs to be transmitted to OIC.

This selection screen can be accessed through the integration user menu or the tcode: /TROIC/DATA_RPRT_OIC



After configuring all the necessary settings, users can execute this program by entering mandatory fields in the selection screen after choosing the 'Report' option. Within this menu, users have the flexibility to either download the data exclusively or send data to OIC without downloading. Both options can be utilized independently or in combination as needed.

NOTE As of this release, VAT & ESL, G/L transactions, INTRASTAT and SAF-T reports are tested end-to-end with standard field mappings.



Select the report type as per requirement. Selection parameters may change based on the report type selected. Once all the required data has been entered, the program can be run either in Foreground or Background.

Download

Users have two options to download the data or send the data to OIC.

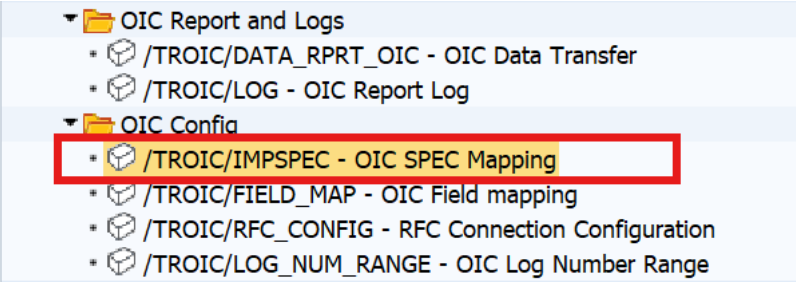
For downloading, follow below steps.

a. Application Server- Choose this option to save the file in the directory (AL11 Transaction code) while executing in the background or foreground.
b. Presentation Server- Choose this option to download the file to your local folder while executing in the foreground only.

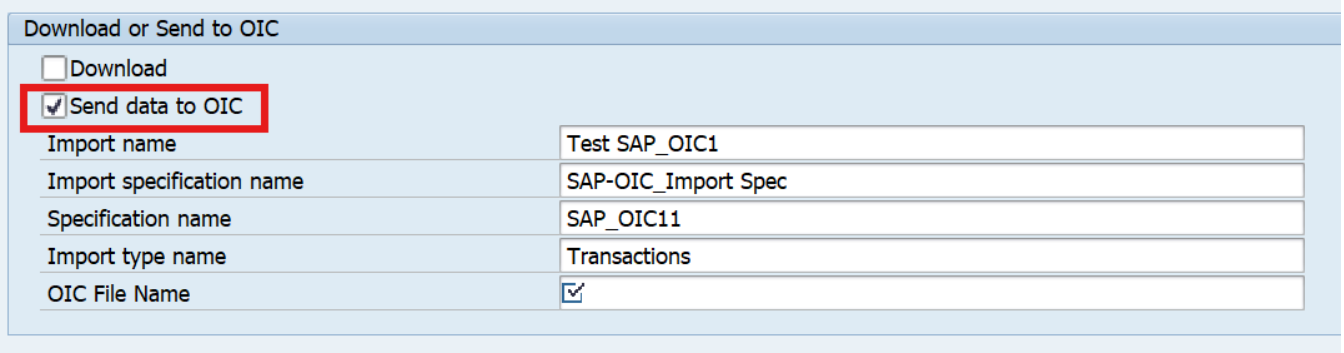
NOTE: Specify the file name extension with .csv.

Send data to OIC

For sending the data to OIC, the specification details are required. User can maintain these details in 'OIC Import Specification' configuration table by clicking '/TROIC/IMPSPEC – OIC SPEC Mapping'



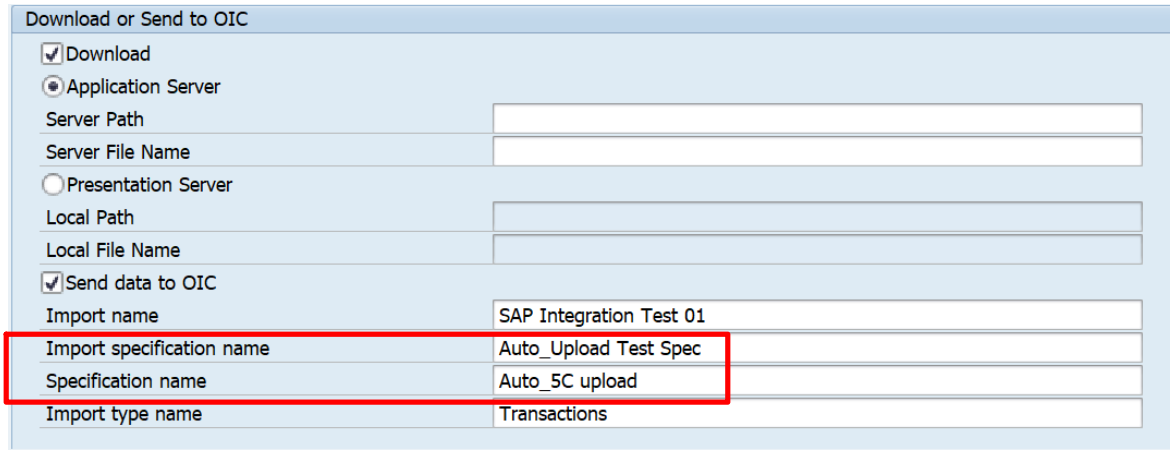
Select this option to Send the data to OIC.



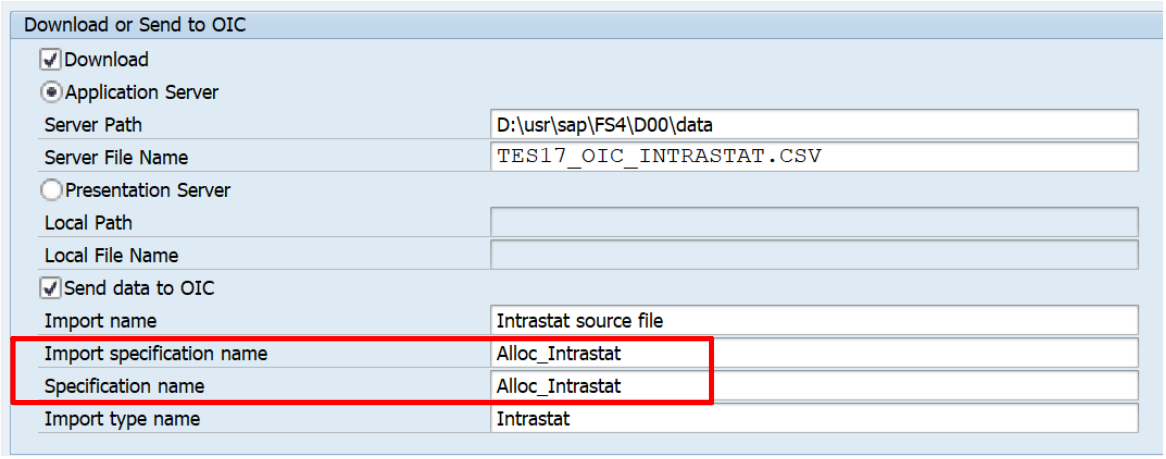
Based on the OIC Import Specification config table, the specification details are fetched automatically when user clicks 'Send data to OIC'.

Below are the example screenshots.

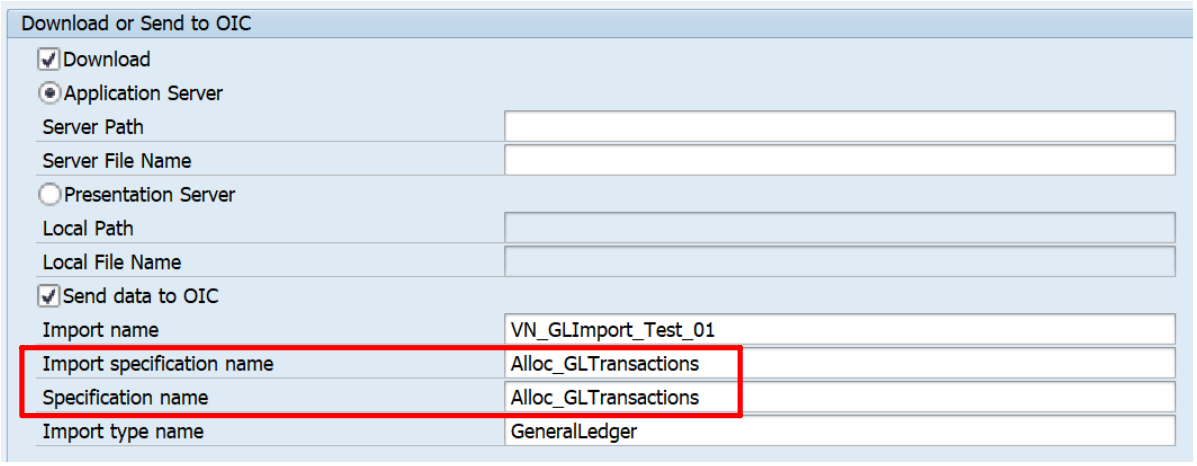
When report type is selected as 'VAT-ESL'



When report type is selected as 'INTRASTAT'



When report type is selected as 'G/L Transactions'



When Report type is selected as 'SAF-T' and Dataset which we want to send to OIC Should be selected.

Send data to OIC

For sending the data to OIC, the specification details are required. User can maintain these details in 'OIC Import Specification' configuration table by clicking '/TROIC/IMPSPEC – OIC SPEC Mapping'

Display View "OIC Import Specification": Overview

OIC Import Specification

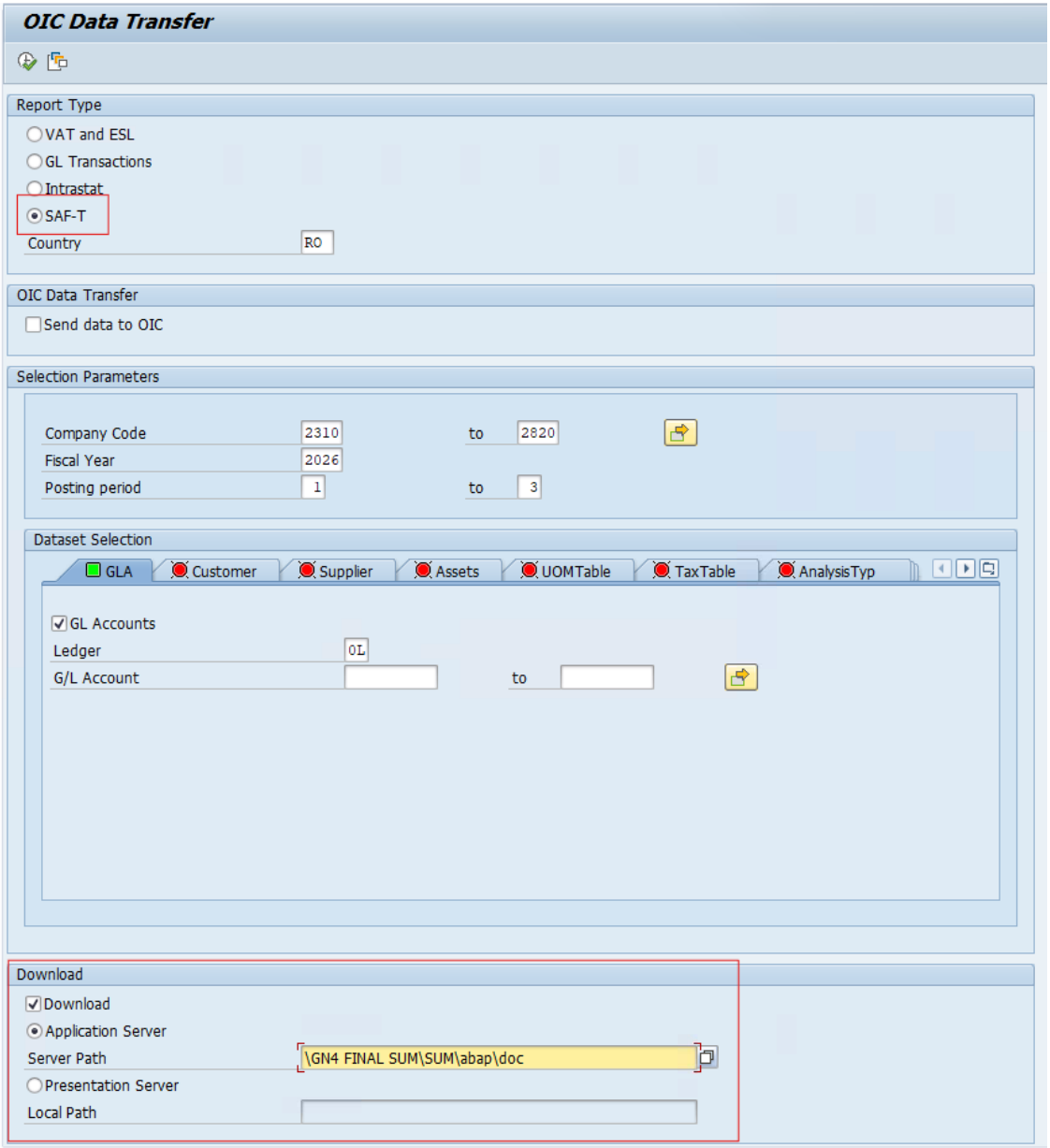
Report Type	Country	Sort Order	Active	Import Name	Import Specification	Specification Name
SAFT-ASSET TRA	RO	000010	☑	SAFT_ASSEST_TRANSACTIONS	AssetTransactions_Connector	DTR2
SAFT-ANALYSI...	RO	000010	☑	SAFT_ANALYSIS_TYPE	AnalysisType_Connector	DTR2
SAFT-CUSTOME...	RO	000010	☑	SAFT_CUSTOMERS	Customers_Connector	DTR2
SAFT-GL ACCO...	RO	000010	☑	SAFT_GL_ACCOUNTS	GLAccounts_Connector	DTR2
SAFT-GENERAL...	RO	000010	☑	SAFT_GLE	GLEntries_Connector	DTR2
SAFT-MOVEMEN...	RO	000010	☑	SAFT_MOVEMENT_TYPE	MovementTypeTable_Connector	DTR2
SAFT-MOVEMEN...	RO	000010	☑	SAFT_MOVEMENT_OF_GOODS	MovementOfGoods_Connector	DTR2
SAFT-OWNERS	RO	000010	☑	SAFT_OWNERS	Owners_Connector	DTR2
SAFT-PAYMENTS	RO	000010	☑	SAFT_PAYMENTS	Payments_Connector	DTR2
SAFT-PURCHAS...	RO	000010	☑	SAFT_PURCHASE_INVOICES	PurchaseInvoices_Connector	DTR2
SAFT-PRODUCTS	RO	000010	☑	SAFT_PRODUCTS	Product_Connector	DTR2
SAFT-PHYSICA...	RO	000010	☑	SAFT_PHYSICAL_STOCK	PhysicalStock_Connector	DTR2
SAFT-SALES I...	RO	000010	☑	SAFT_SALES_INVOICES	SalesInvoices_Connector	DTR2
SAFT-SUPPLIE...	RO	000010	☑	SAFT_SUPPLIERS	Suppliers_Connector	DTR2
SAFT-TAX	RO	000010	☑	SAFT_TAX_TABLE	TaxTable_Connector	DTR2
SAFT-UOM	RO	000010	☑	SAFT_UOM_TABLE	UOM_Connector	DTR2
VAT ESL		000001	☑	SAP Integration Test 01	Auto_Upload Test Spec	Auto_5C upload

Download

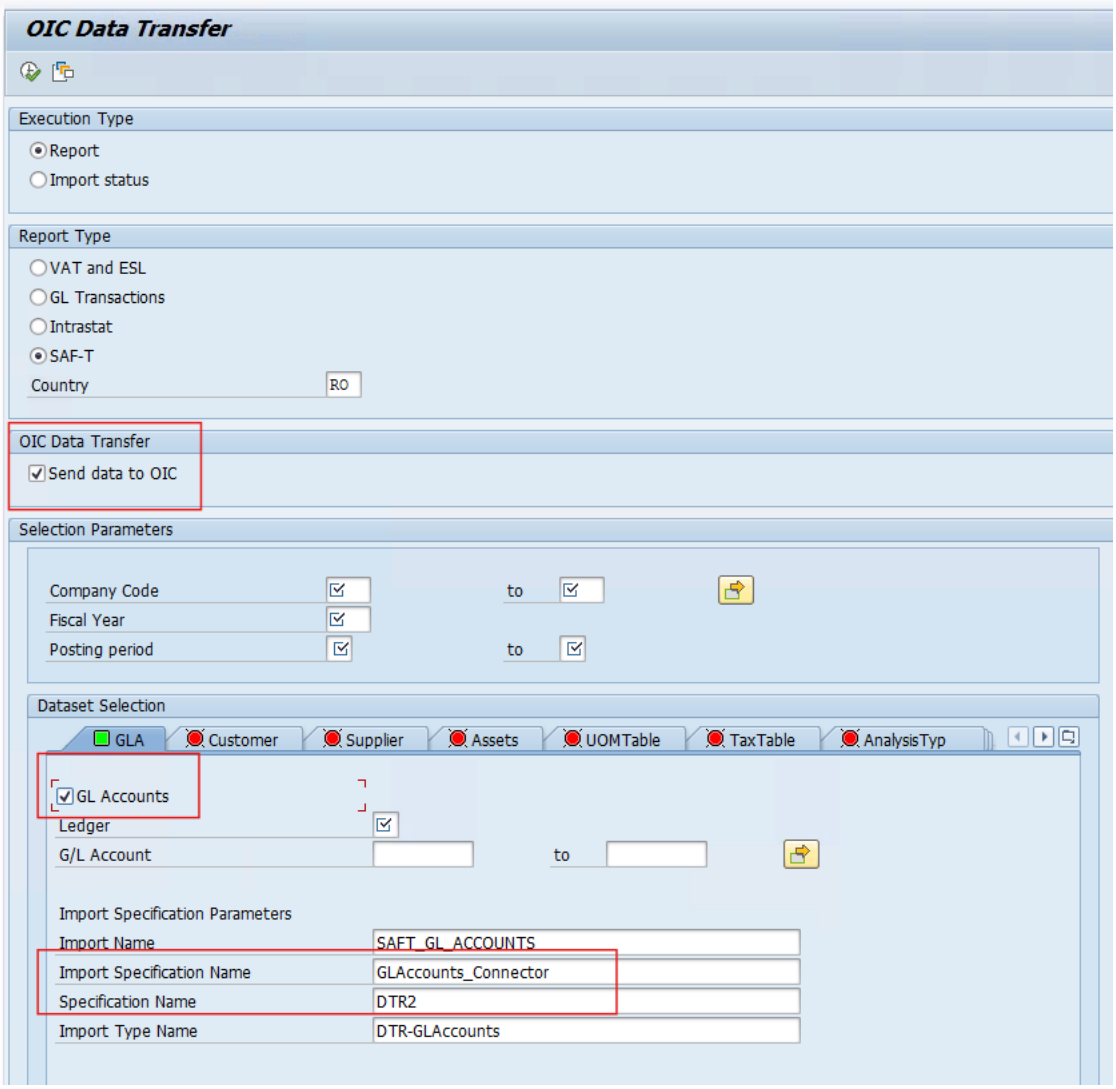
Users have two options to download the data.

For downloading, follow below steps.

1. Application Server- Choose this option to save the files of all the selected datasets in the directory (AL11 Transaction code) while executing in the background or foreground.
2. Presentation Server- Choose this option to download the files of all the selected datasets to your local folder while executing in the foreground only.

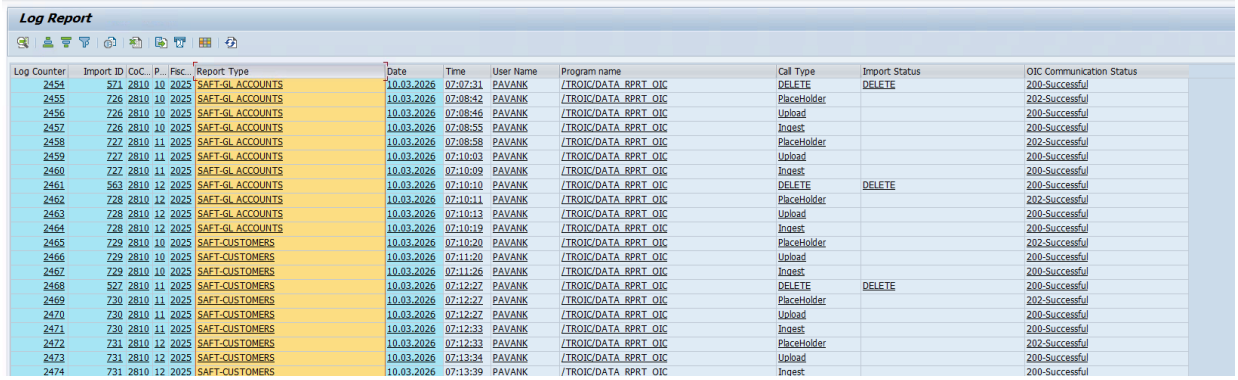


NOTE: For SAF-T report, directly specify the path.



Once executed per the above selection screen, the file will be downloaded to the specified File Path, data is sent to OIC and the status of each call will be displayed at the end with a unique 'import id'.

Based on OIC import specification configuration table, the specification details are fetched automatically when user clicks 'Send data to OIC'.



Log Report

Log Counter	Import ID	CoC...	P...	Fisc...	Report Type	Date	Time	User Name	Program name	Call Type	Import Status	OIC Communication Status
2454	571	2810	10	2025	SAFT-GL ACCOUNTS	10.03.2026	07:07:31	PAVANK	/TROIC/DATA_RPRT_OIC	DELETE	DELETE	200-Successful
2455	726	2810	10	2025	SAFT-GL ACCOUNTS	10.03.2026	07:08:42	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful
2456	726	2810	10	2025	SAFT-GL ACCOUNTS	10.03.2026	07:08:46	PAVANK	/TROIC/DATA_RPRT_OIC	Upload		200-Successful
2457	726	2810	10	2025	SAFT-GL ACCOUNTS	10.03.2026	07:08:55	PAVANK	/TROIC/DATA_RPRT_OIC	Ingest		200-Successful
2458	727	2810	11	2025	SAFT-GL ACCOUNTS	10.03.2026	07:08:58	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful
2459	727	2810	11	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:03	PAVANK	/TROIC/DATA_RPRT_OIC	Upload		200-Successful
2460	727	2810	11	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:09	PAVANK	/TROIC/DATA_RPRT_OIC	Ingest		200-Successful
2461	563	2810	12	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:10	PAVANK	/TROIC/DATA_RPRT_OIC	DELETE	DELETE	200-Successful
2462	728	2810	12	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:11	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful
2463	728	2810	12	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:13	PAVANK	/TROIC/DATA_RPRT_OIC	Upload		200-Successful
2464	728	2810	12	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:19	PAVANK	/TROIC/DATA_RPRT_OIC	Ingest		200-Successful
2465	729	2810	10	2025	SAFT-CUSTOMERS	10.03.2026	07:10:20	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful
2466	729	2810	10	2025	SAFT-CUSTOMERS	10.03.2026	07:11:20	PAVANK	/TROIC/DATA_RPRT_OIC	Upload		200-Successful
2467	729	2810	10	2025	SAFT-CUSTOMERS	10.03.2026	07:11:26	PAVANK	/TROIC/DATA_RPRT_OIC	Ingest		200-Successful
2468	527	2810	11	2025	SAFT-CUSTOMERS	10.03.2026	07:12:27	PAVANK	/TROIC/DATA_RPRT_OIC	DELETE	DELETE	200-Successful
2469	730	2810	11	2025	SAFT-CUSTOMERS	10.03.2026	07:12:27	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful
2470	730	2810	11	2025	SAFT-CUSTOMERS	10.03.2026	07:12:27	PAVANK	/TROIC/DATA_RPRT_OIC	Upload		200-Successful
2471	730	2810	11	2025	SAFT-CUSTOMERS	10.03.2026	07:12:33	PAVANK	/TROIC/DATA_RPRT_OIC	Ingest		200-Successful
2472	731	2810	12	2025	SAFT-CUSTOMERS	10.03.2026	07:12:33	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful
2473	731	2810	12	2025	SAFT-CUSTOMERS	10.03.2026	07:13:34	PAVANK	/TROIC/DATA_RPRT_OIC	Upload		200-Successful
2474	731	2810	12	2025	SAFT-CUSTOMERS	10.03.2026	07:13:39	PAVANK	/TROIC/DATA_RPRT_OIC	Ingest		200-Successful

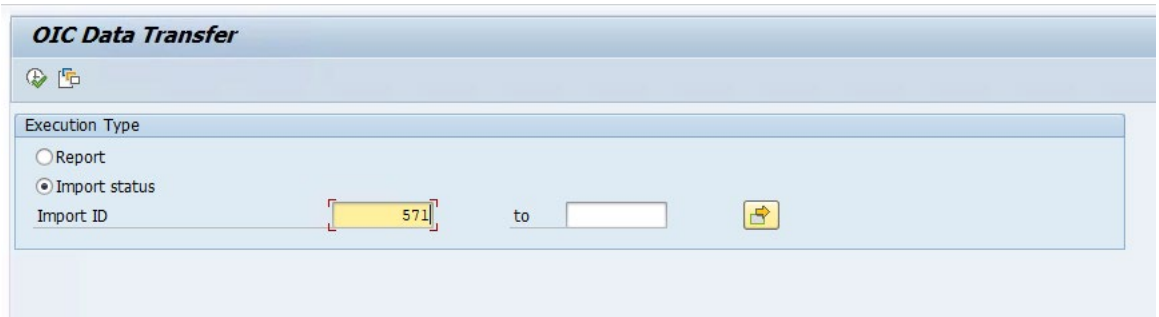
NOTE

The format for currency fields is sent as per below in the export file/CSV:

- Thousand Separator as Comma (,)
- Decimal Separator as Dot (.)

Import status

Import status can be obtained by selecting the 'Import status' radio button on the selection screen and entering the corresponding import ID.

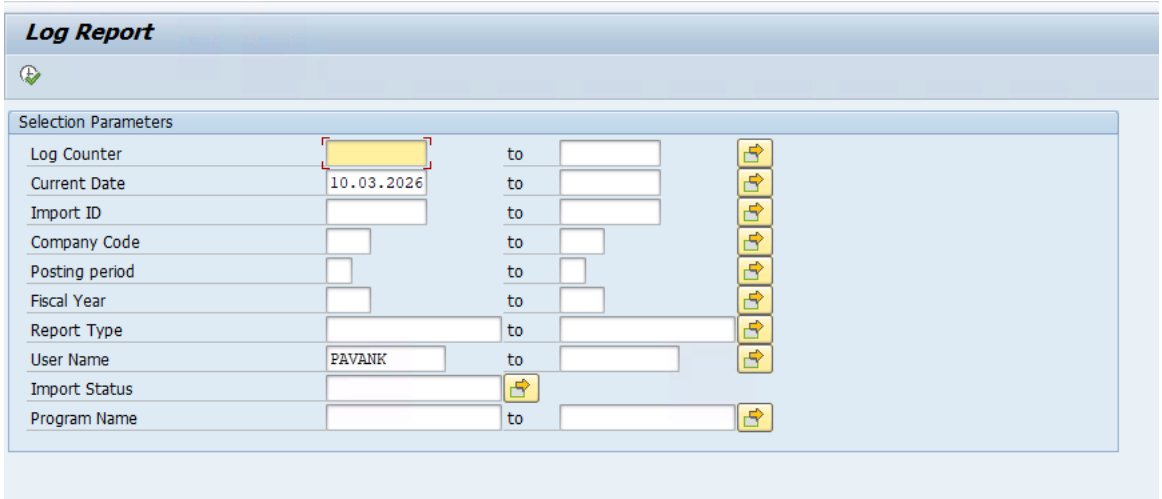


NOTE: The same 'Status' Call Type is updated with the latest status for that specific import ID each time the import status is executed.

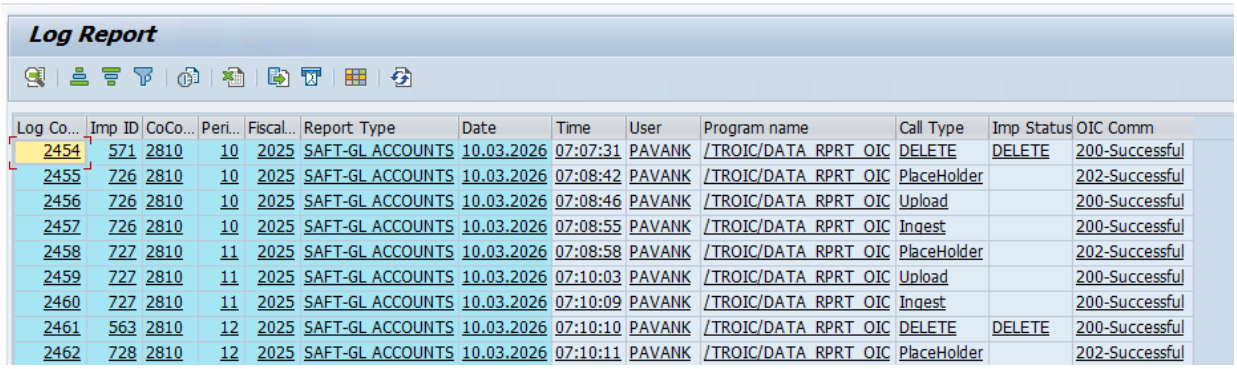
Log viewer

You can also view the logs of each call made to OIC, using tcode: /N/TROIC/LOG or directly from the OIC user menu.

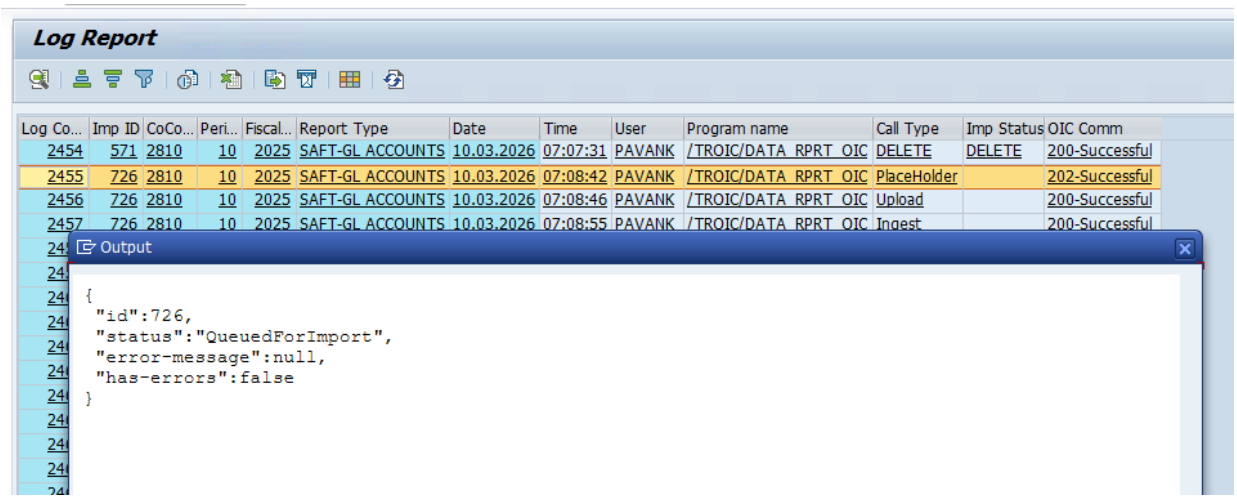
Users can filter specific logs using selection parameters within the log report.



On execution, the below screen is displayed where users can access the JSON response for each call made to OIC.



Log Co...	Imp ID	CoCo...	Peri...	Fiscal...	Report Type	Date	Time	User	Program name	Call Type	Imp Status	OIC Comm
2454	571	2810	10	2025	SAFT-GL ACCOUNTS	10.03.2026	07:07:31	PAVANK	/TROIC/DATA_RPRT_OIC	DELETE	DELETE	200-Successful
2455	726	2810	10	2025	SAFT-GL ACCOUNTS	10.03.2026	07:08:42	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful
2456	726	2810	10	2025	SAFT-GL ACCOUNTS	10.03.2026	07:08:46	PAVANK	/TROIC/DATA_RPRT_OIC	Upload		200-Successful
2457	726	2810	10	2025	SAFT-GL ACCOUNTS	10.03.2026	07:08:55	PAVANK	/TROIC/DATA_RPRT_OIC	Ingest		200-Successful
2458	727	2810	11	2025	SAFT-GL ACCOUNTS	10.03.2026	07:08:58	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful
2459	727	2810	11	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:03	PAVANK	/TROIC/DATA_RPRT_OIC	Upload		200-Successful
2460	727	2810	11	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:09	PAVANK	/TROIC/DATA_RPRT_OIC	Ingest		200-Successful
2461	563	2810	12	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:10	PAVANK	/TROIC/DATA_RPRT_OIC	DELETE	DELETE	200-Successful
2462	728	2810	12	2025	SAFT-GL ACCOUNTS	10.03.2026	07:10:11	PAVANK	/TROIC/DATA_RPRT_OIC	PlaceHolder		202-Successful



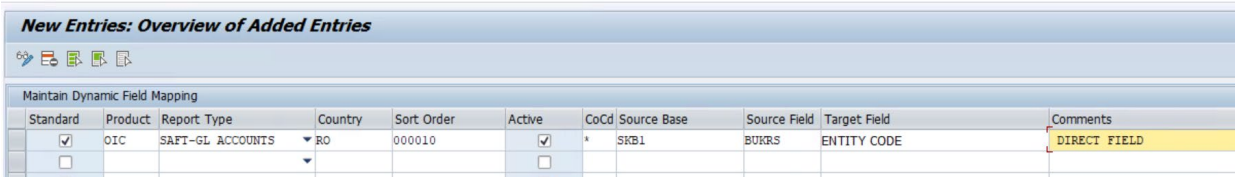
‘OIC Communication status’ indicates the response code for each call made from SAP to OIC. On the other hand, ‘Import Status’ reflects the status of the import file sent to OIC.

Customize using field mapping

Users have the flexibility to utilize the field mapping framework, in case any customizations are needed. You can either override an existing field mapping or add a new field in the communication structure.

Highest sort order takes precedence in case of multiple entries with the same target field and company code.

In the example below, a new field mapping is added to the communication structure.

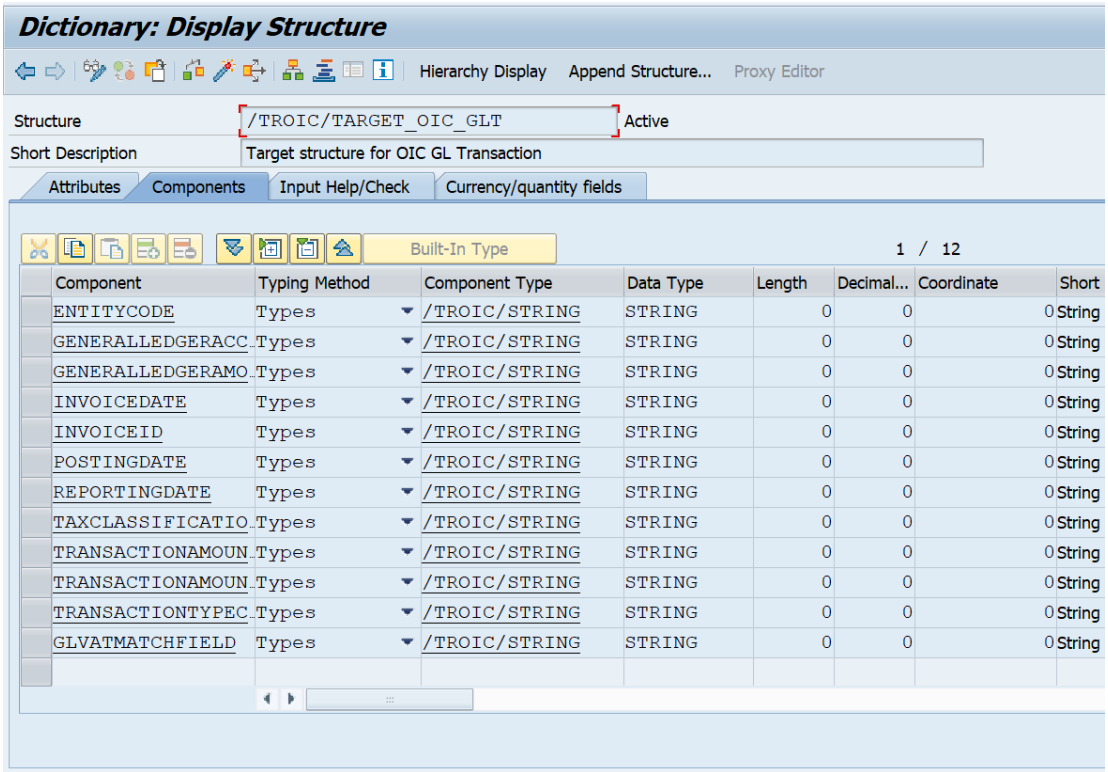


Standard	Product	Report Type	Country	Sort Order	Active	CoCd	Source Base	Source Field	Target Field	Comments
☑	OIC	SAFT-GL ACCOUNTS	RO	000010	☑	*	SKB1	BUKRS	ENTITY CODE	DIRECT FIELD
☐					☐					

A new target field has to be appended to the back-end communication structure

(/TROIC/TARGET_OIC_GLT)

when using Data Set - G/L Transactions.



Component	Typing Method	Component Type	Data Type	Length	Decimal...	Coordinate	Short
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String
GENERALLEDGERACC	Types	/TROIC/STRING	STRING	0	0	0	String
GENERALLEDGERAMO	Types	/TROIC/STRING	STRING	0	0	0	String
INVOICEDATE	Types	/TROIC/STRING	STRING	0	0	0	String
INVOICEID	Types	/TROIC/STRING	STRING	0	0	0	String
POSTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String
TAXCLASSIFICATIO	Types	/TROIC/STRING	STRING	0	0	0	String
TRANSACTIONAMOUN	Types	/TROIC/STRING	STRING	0	0	0	String
TRANSACTIONAMOUN	Types	/TROIC/STRING	STRING	0	0	0	String
TRANSACTIONTYPEC	Types	/TROIC/STRING	STRING	0	0	0	String
GLVATMATCHFIELD	Types	/TROIC/STRING	STRING	0	0	0	String

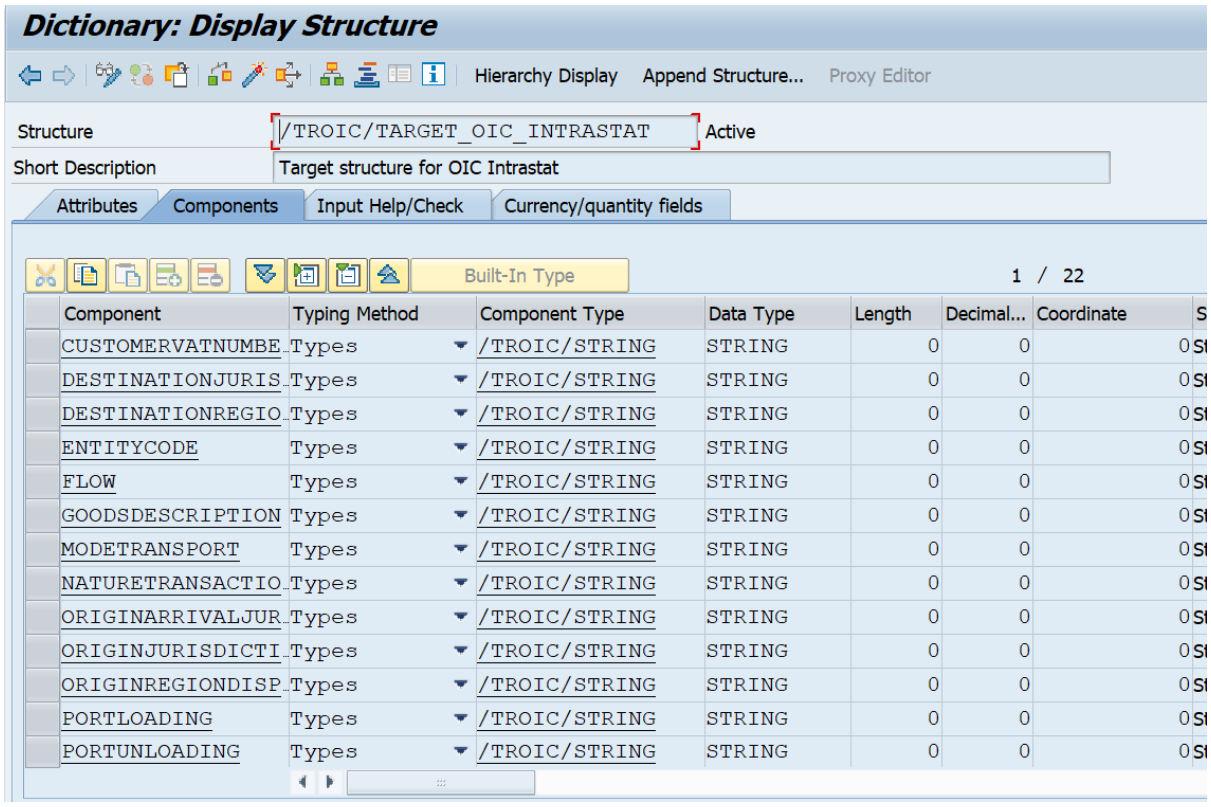
If you are using CALC_BSEG OR CALC_BSET to customize the field mapping, make sure these structures have the desired source fields. If you cannot make use of existing fields in these structures, you can append your own fields to these structures.

NOTE

Implement BADIs if the customization is made to the CALC_BSEG OR CALC_BSET fields.

A new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC_INTRASTAT)

when using INTRASTAT.



Component	Typing Method	Component Type	Data Type	Length	Decimal...	Coordinate	S
CUSTOMERVATNUMBE	Types	/TROIC/STRING	STRING	0	0	0	St
DESTINATIONJURIS	Types	/TROIC/STRING	STRING	0	0	0	St
DESTINATIONREGIO	Types	/TROIC/STRING	STRING	0	0	0	St
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	St
FLOW	Types	/TROIC/STRING	STRING	0	0	0	St
GOODSDESCRIPTION	Types	/TROIC/STRING	STRING	0	0	0	St
MODETRANSPORT	Types	/TROIC/STRING	STRING	0	0	0	St
NATURETRANSACTIO	Types	/TROIC/STRING	STRING	0	0	0	St
ORIGINARRIVALJUR	Types	/TROIC/STRING	STRING	0	0	0	St
ORIGINJURISDICTI	Types	/TROIC/STRING	STRING	0	0	0	St
ORIGINREGIONDISP	Types	/TROIC/STRING	STRING	0	0	0	St
PORTLOADING	Types	/TROIC/STRING	STRING	0	0	0	St
PORTUNLOADING	Types	/TROIC/STRING	STRING	0	0	0	St

If you are using CALC_RPHD OR CALC_RPIT to customize the field mapping, make sure these structures have the desired source fields. If you cannot make use of existing fields in these structures, you can append your own fields to these structures.

Along with this, a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset - GLA**.

Dictionary: Display Structure

Hierarchy Display | Append Structure... | Proxy Editor

Structure: /TROIC/TARGET_OIC_SAFT_GLA — Active

Short Description: Target structure for OIC SAFT GLA

Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type — 1 / 13

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTDESCRIPT...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STANDARDACCOUNT...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
GROUPINGCATEGORY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
GROUPINGCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTCREATION...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
OPENINGDEBIT	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
OPENINGCREDIT	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CLOSINGDEBIT	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CLOSINGCREDIT	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset -CUS**.

Dictionary: Display Structure

Hierarchy Display | Append Structure... | Proxy Editor

Structure: /TROIC/TARGET_OIC_SAFT_CUS — Active

Short Description: Target structure for OIC SAFT CUSTOMER

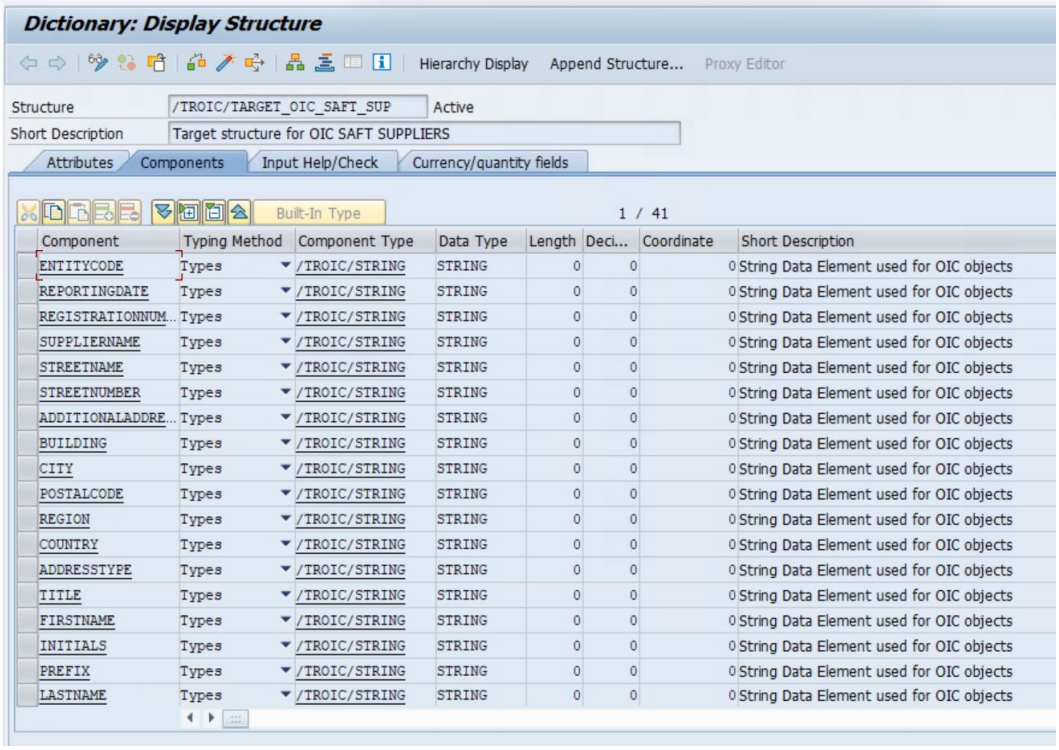
Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type — 1 / 41

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REGISTRATIONNUM...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDITIONALADDRE...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BUILDING	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CITY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
POSTALCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REGION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
COUNTRY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDRESSTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TITLE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
FIRSTNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
INITIALS	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PREFIX	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
LASTNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

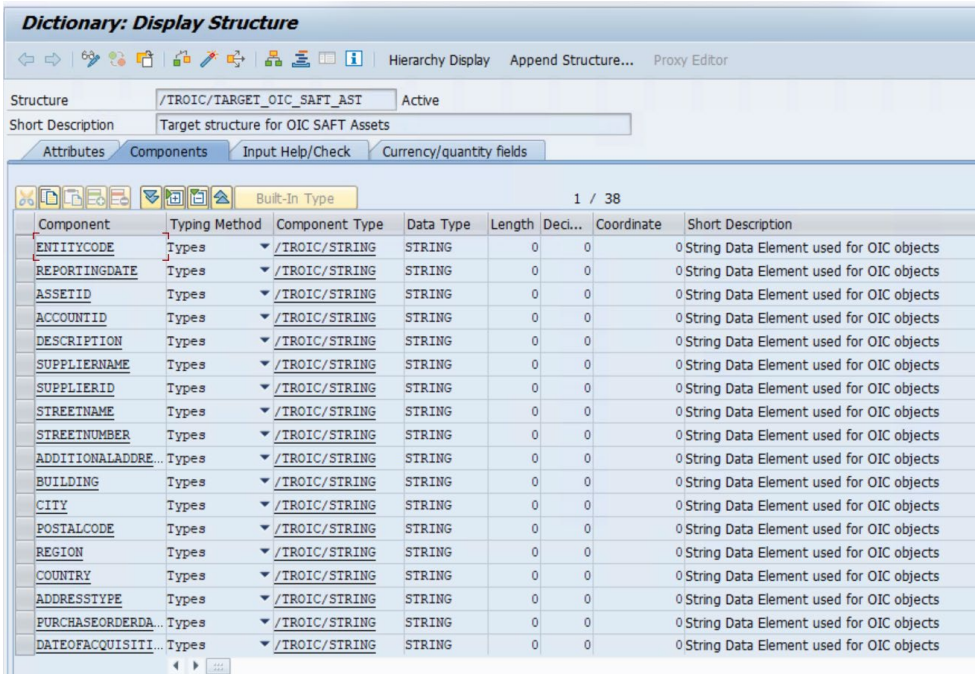
when using **SAFT Dataset – SUP.**



Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REGISTRATIONNUM...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDITIONALADDRE...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BUILDING	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CITY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
POSTALCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REGION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
COUNTRY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDRESSTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TITLE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
FIRSTNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
INITIALS	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PREFIX	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
LASTNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

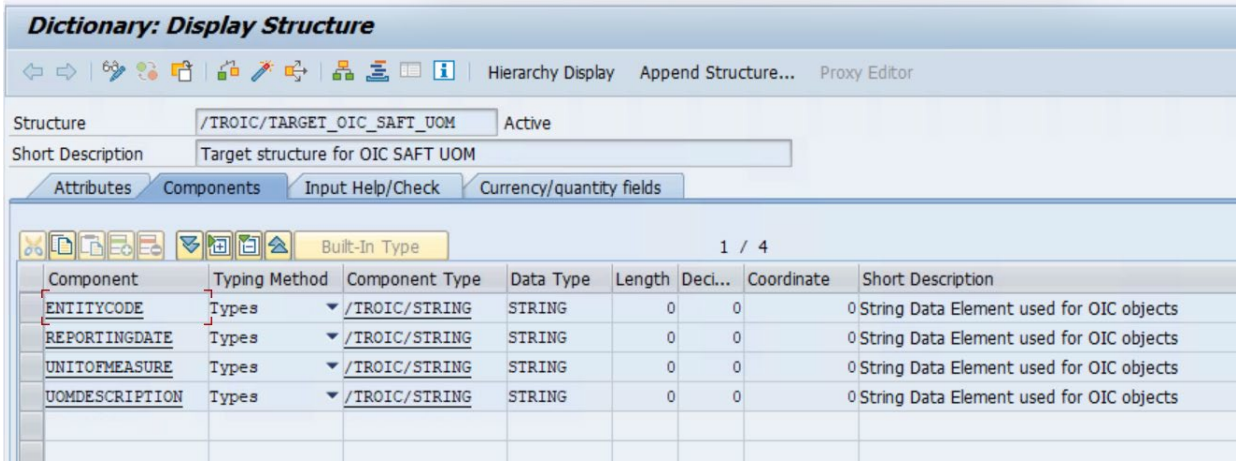
when using **SAFT Dataset -AST**.



Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ASSETID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DESCRIPTION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDITIONALADDRE...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BUILDING	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CITY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
POSTALCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REGION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
COUNTRY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDRESSTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PURCHASEORDERDA...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DATEOFACQUISITI...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

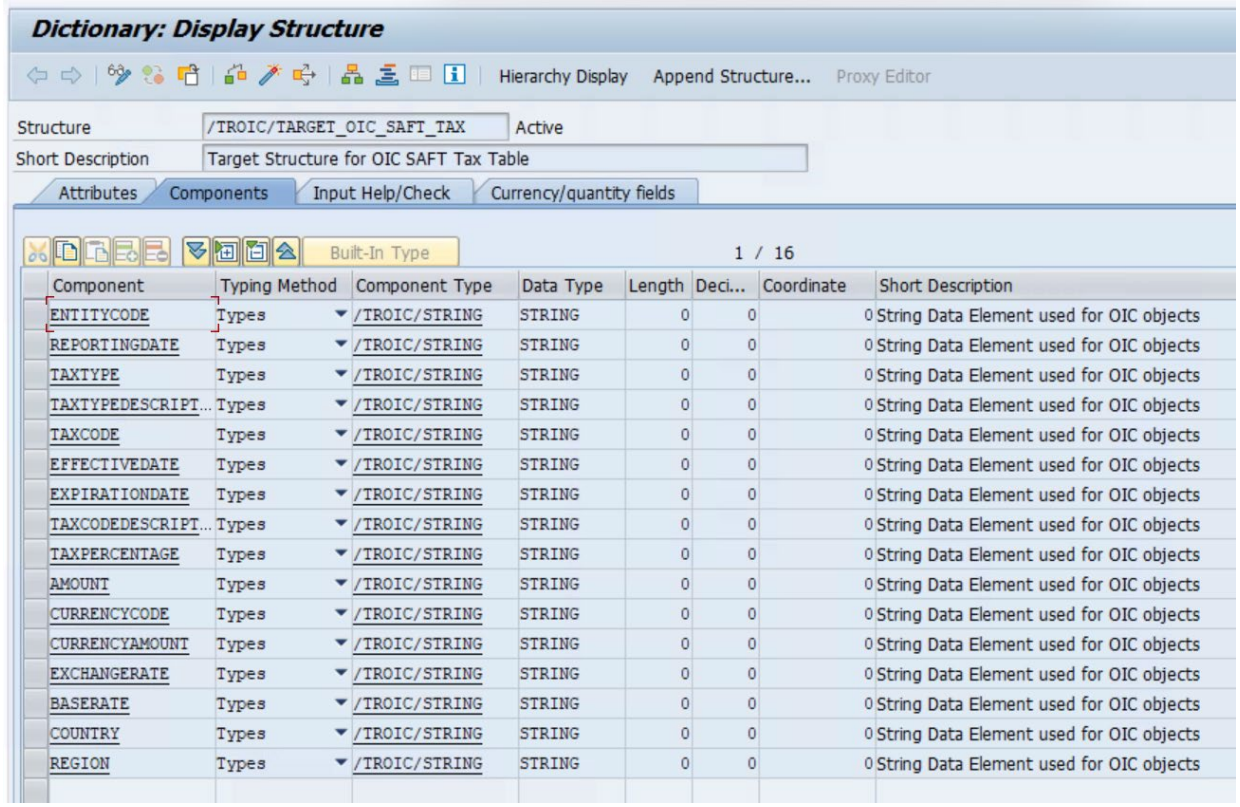
If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset -UOM**.



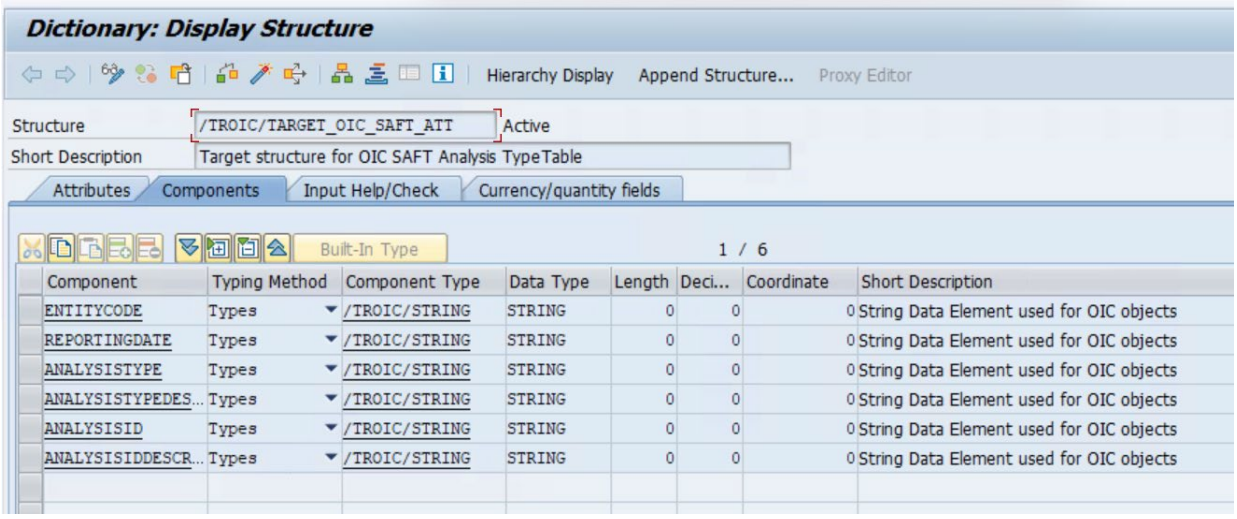
If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset -TAX**.



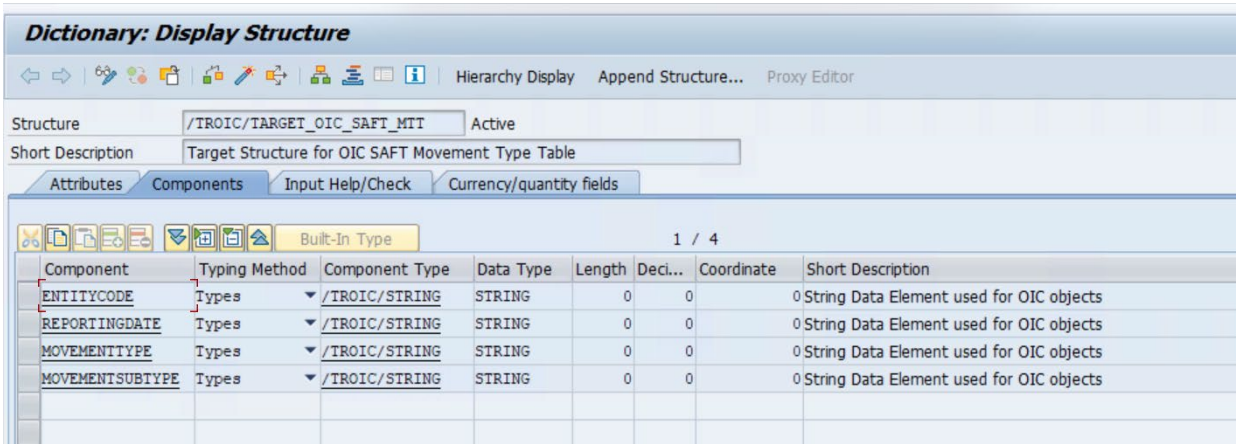
If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset - ATT**.



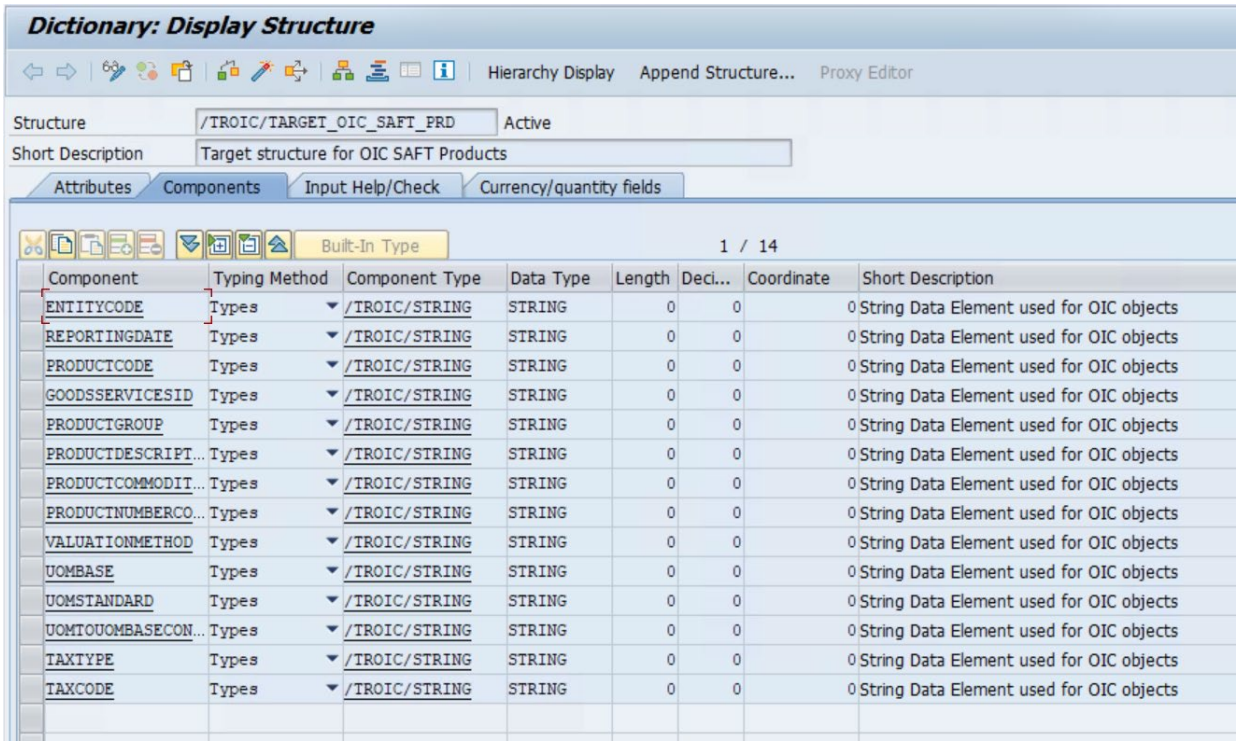
If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset - MTT**.



If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

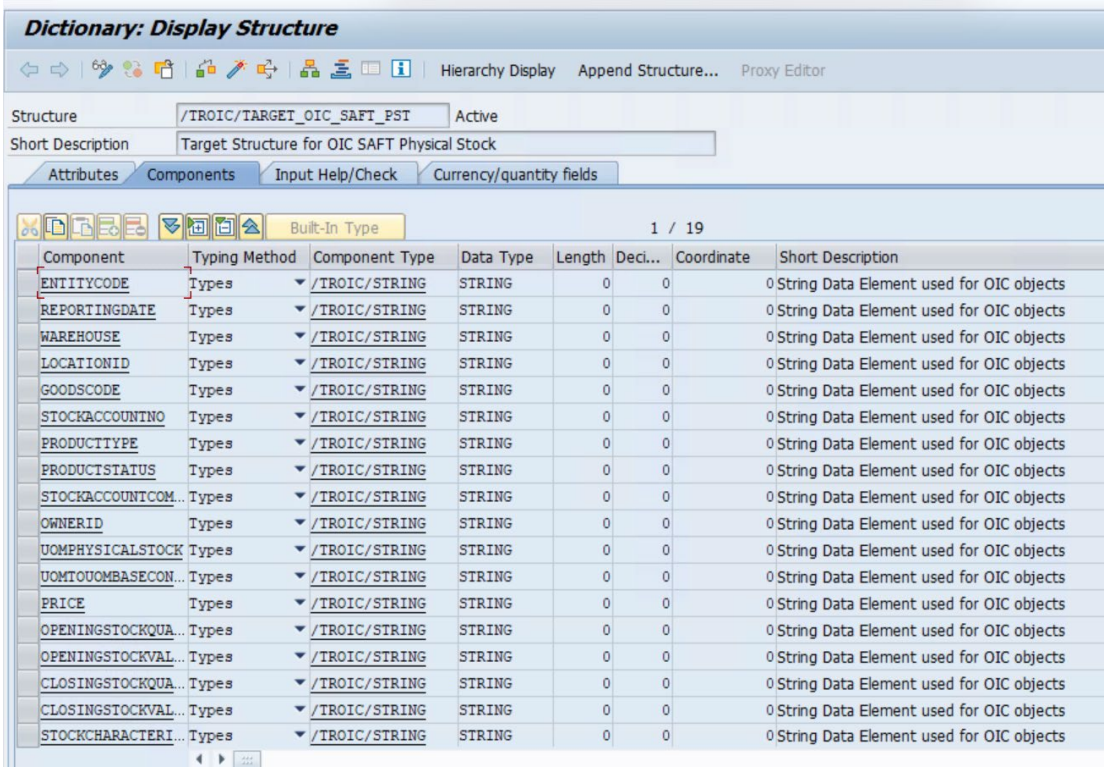
when using **SAFT Dataset -PRD**.



Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PRODUCTCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
GOODSSERVICESID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PRODUCTGROUP	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PRODUCTDESCRIPT...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PRODUCTCOMMODIT...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PRODUCTNUMBERCO...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
VALUATIONMETHOD	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
UOMBASE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
UOMSTANDARD	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
UOMTOUOMBASECON...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TAXTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TAXCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

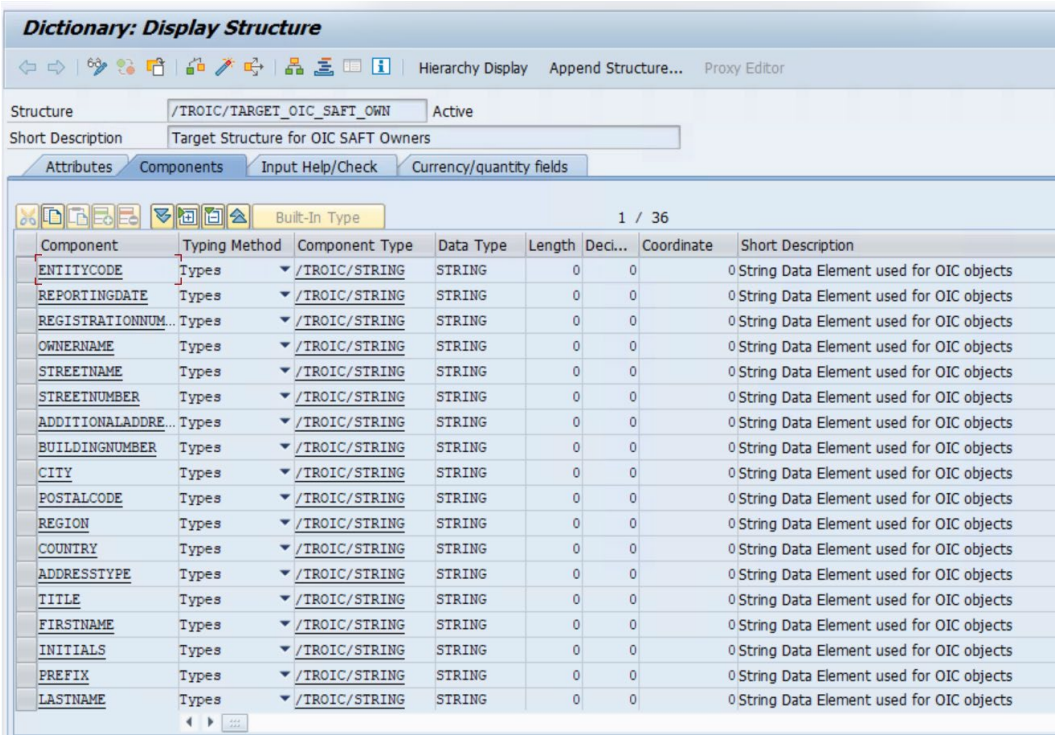
when using **SAFT Dataset -PST**.



Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
WAREHOUSE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
LOCATIONID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
GOODSCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STOCKACCOUNTNO	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PRODUCTTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PRODUCTSTATUS	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STOCKACCOUNTCOM...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
OWNERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
UOMPHYSICALSTOCK	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
UOMTOUOMBASECON...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PRICE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
OPENINGSTOCKQUA...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
OPENINGSTOCKVAL...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CLOSINGSTOCKQUA...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CLOSINGSTOCKVAL...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STOCKCHARACTERI...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset -OWN**.



Dictionary: Display Structure

Hierarchy Display | Append Structure... | Proxy Editor

Structure: /TROIC/TARGET_OIC_SAFT_OWN Active

Short Description: Target Structure for OIC SAFT Owners

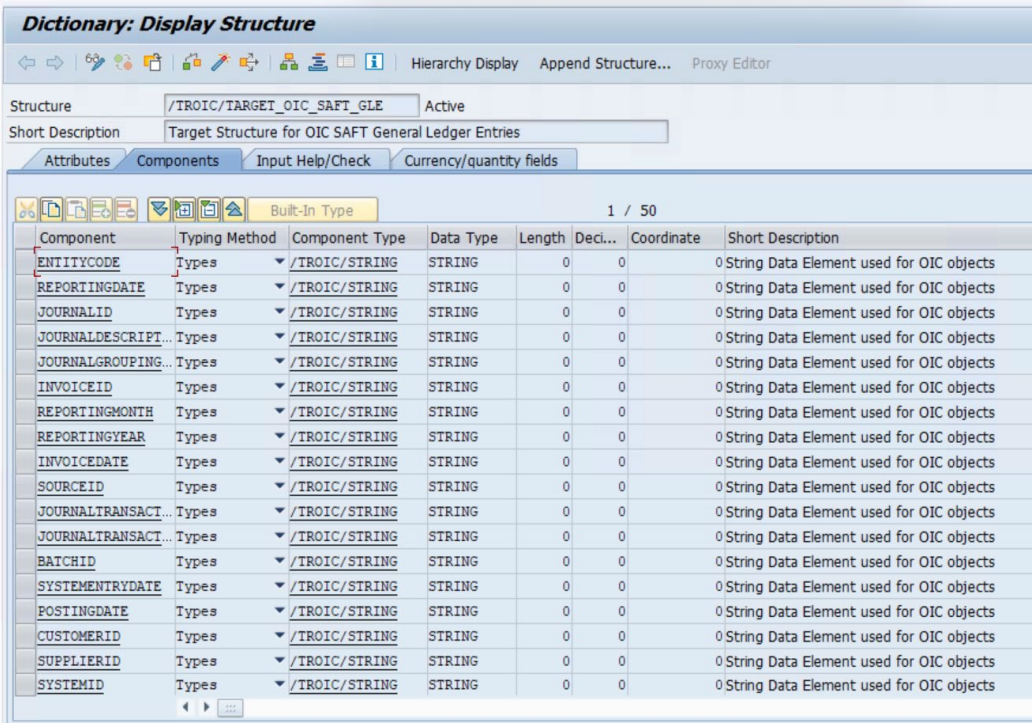
Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type 1 / 36

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REGISTRATIONNUM...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
OWNERNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDITIONALADDRE...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BUILDINGNUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CITY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
POSTALCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REGION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
COUNTRY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDRESSTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TITLE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
FIRSTNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
INITIALS	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PREFIX	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
LASTNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset -GLE**.



Dictionary: Display Structure

Hierarchy Display | Append Structure... | Proxy Editor

Structure: /TROIC/TARGET_OIC_SAFT_GLE Active

Short Description: Target Structure for OIC SAFT General Ledger Entries

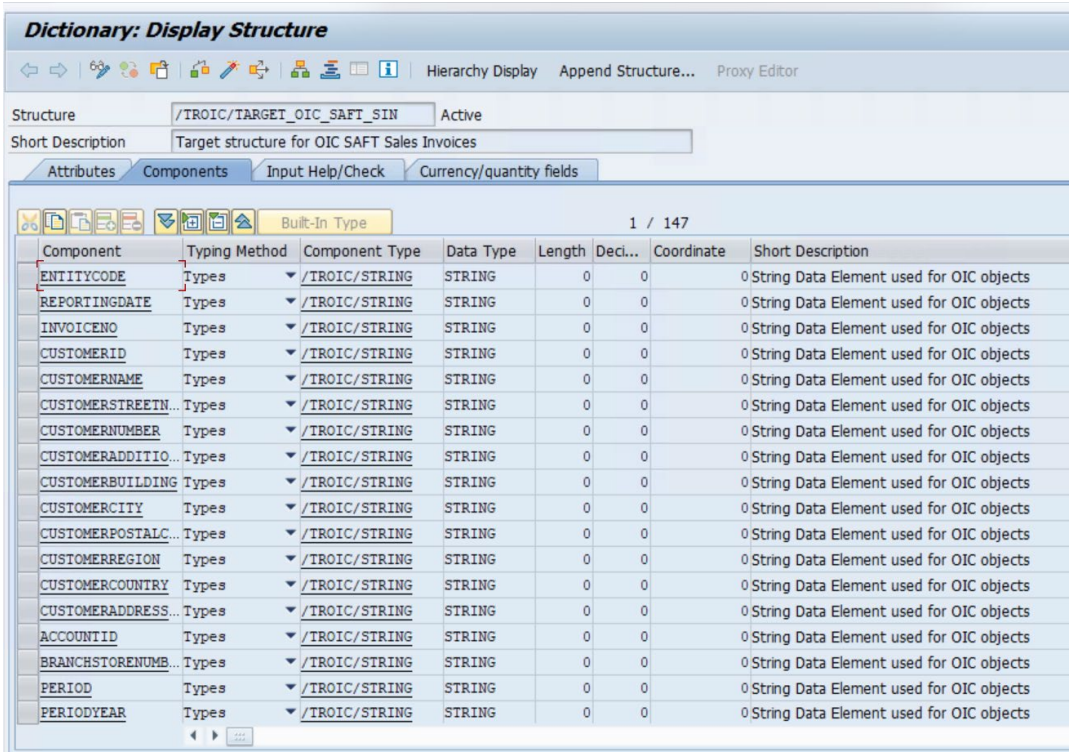
Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type 1 / 50

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
JOURNALID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
JOURNALDESCRIPT...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
JOURNALGROUPING...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
INVOICEID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGMONTH	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGYEAR	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
INVOICEDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SOURCEID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
JOURNALTRANSACT...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
JOURNALTRANSACT...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BATCHID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SYSTEMENTRYDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
POSTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SYSTEMID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset - SIN**.



Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
INVOICENO	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERSTREETN...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERNUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERADDITIO...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERBUILDING	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERCITY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERPOSTALC...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERREGION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERCOUNTRY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERADDRESS...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BRANCHSTORENUMB...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PERIOD	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PERIODYEAR	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset - PIN**.

Dictionary: Display Structure

Hierarchy Display | Append Structure... | Proxy Editor

Structure: /TROIC/TARGET_OIC_SAFT_PIN Active

Short Description: Target structure for OIC SAFT Purchase Invoices

Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type 1 / 147

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
INVOICENO	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERSTREETN...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERNUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERADDITIO...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERBUILDING	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERCITY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERPOSTALC...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERREGION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERCOUNTRY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERADDRESS...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BRANCHSTORENUMB...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PERIOD	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PERIODYEAR	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset - PAY**.

Dictionary: Display Structure

Hierarchy Display | Append Structure... | Proxy Editor

Structure: /TROIC/TARGET_OIC_SAFT_PAY Active

Short Description: Target Structure for OIC SAFT Payments

Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type 1 / 49

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PAYMENTREFNO	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PERIOD	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PERIODYEAR	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TRANSACTIONID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TRANSACTIONDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
PAYMENTTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DESCRIPTION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BATCHID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SYSTEMID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SOURCEID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ORIGINALLINENUM...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SOURCEDOCUMENTID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ANALYSISTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ANALYSISID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ANALYSISAMOUNT	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset -ATR**.

Structure: /TROIC/TARGET_OIC_SAFT_ATR Active

Short Description: Target Structure for OIC SAFT Asset Transactions

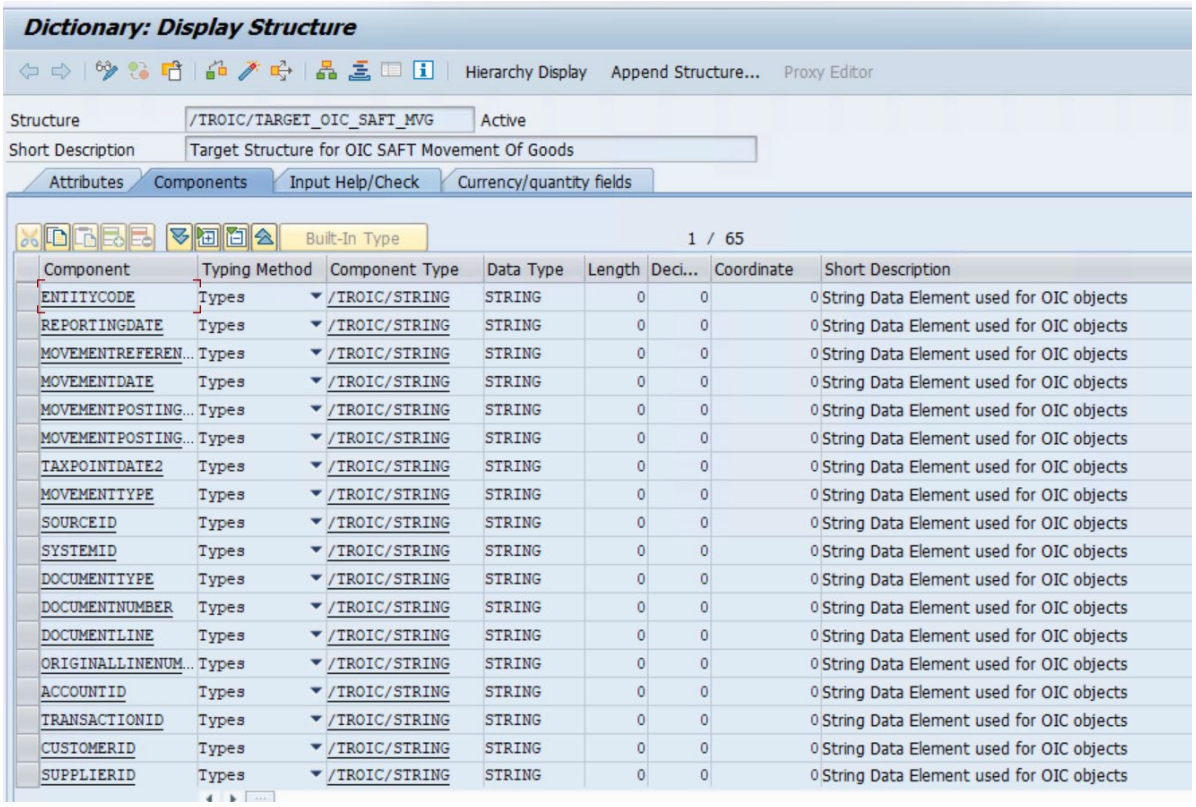
Attributes | Components | Input Help/Check | Currency/quantity fields

Built-In Type 1 / 24

Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
NUMBEROFASSETTR...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ASSETTRANSACTIO...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ASSETID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ASSETTRANSACTIO...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DESCRIPTION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ASSETTRANSACTIO...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
STREETNAME	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
NUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ADDITIONALADDRE...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
BUILDING	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CITY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
POSTALCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REGION	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
COUNTRY	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

If a new target field has to be appended to the back-end communication structure (/TROIC/TARGET_OIC)

when using **SAFT Dataset - MVG**.



Component	Typing Method	Component Type	Data Type	Length	Deci...	Coordinate	Short Description
ENTITYCODE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
REPORTINGDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
MOVEMENTREFEREN...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
MOVEMENTDATE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
MOVEMENTPOSTING...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
MOVEMENTPOSTING...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TAXPOINTDATE2	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
MOVEMENTTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SOURCEID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SYSTEMID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DOCUMENTTYPE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DOCUMENTNUMBER	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
DOCUMENTLINE	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ORIGINALLINENUM...	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
ACCOUNTID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
TRANSACTIONID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
CUSTOMERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects
SUPPLIERID	Types	/TROIC/STRING	STRING	0	0	0	String Data Element used for OIC objects

OIC General Configuration for Field Separator

This manual provides step-by-step instructions for configuring and maintaining the OIC (OneSource Indirect Tax Compliance) integration with General Setup, with the respective values, field separators, and amount field handling in SAP so as to generate the output csv correctly with the required field separators, and the conversion of the amount fields format are recognized and converted by the integration with required formats so as to match the setup in OIC.

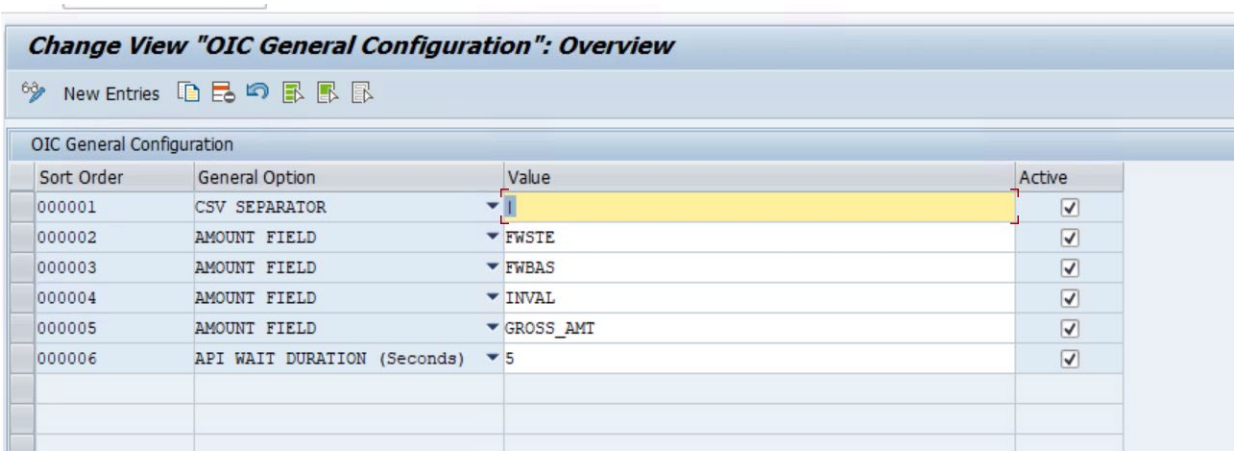
If both lines are active, highest sort order takes precedence for the same username.

Note: Amount field values for few currency/countries have different SAP internal format than SAP display format. Hence conversion of the amount fields is implemented as part of General configuration.

1. Accessing the OIC General Configuration

Transaction Code: /TROIC/GENERAL

1. Log in to SAP.
2. Enter transaction code /TROIC/GENERAL in the command field.
3. Press Enter to open the OIC General Configuration screen.



Sort Order	General Option	Value	Active
000001	CSV SEPARATOR	|	☑
000002	AMOUNT FIELD	FWSTE	☑
000003	AMOUNT FIELD	FWBAS	☑
000004	AMOUNT FIELD	INVAL	☑
000005	AMOUNT FIELD	GROSS_AMT	☑
000006	API WAIT DURATION (Seconds)	5	☑

2. Setting up Sort Orders and Field Separators

Purpose: Sort Orders shown above define the primary interpretation for the precedence and execution order of tax rules and settings, which directly impacts the accuracy of tax calculations and also formatting of fields in the OIC file output. The field separator determines how columns are separated in the CSV output file.

Steps:

1. On the OIC General Configuration screen, locate the Sort Orders section.
2. As in above screen, Column General option with value “CSV Separator” is maintained with value; (Pipe Operator) is used to define the field separator for the CSV file output.
    a. By default, the separator is set to a semicolon (|)
    b. Users can maintain separator according to their necessity, to change the separator:
        i. Edit the separator value to your preferred character (e.g., ***(comma)*** or \t ***(tab)***, etc.) and make sure the “Active” checkbox is checked.
        ii. Inform the OIC team of the new separator so it can be updated in the OIC import specification configuration.
        iii. If multiple separators are maintained, the system will consider whichever is maintained in the OIC general configuration, it will select the first active one.
3. Save your changes.

NOTE: The chosen separator will be used as a column in the generated CSV file output and at OIC.

3. Configuring Amount Fields for SAP Display

Purpose: Rows with Amount field have values with Amount field names maintained referring to the amount fields from SAP tables which we use in the OIC. These ensure

that amounts are displayed in SAP's specific standard format, converting internal SAP values to SAP display values.

Example:

- In the SAP document display (e.g., FB03), a tax value might show as 250 for CLP currency.
- In the SAP table BSET for e.g. currency CLP, it is stored as 2.5 (SAP internal format).
- The configuration ensures 2.5 is converted to 250 for SAP display format.

Steps:

1. Users can add new amount-specific fields in the field mapping:
    a. Ensure to add the same field in the OIC General table, refer to screen shot above.
    b. This maintains consistency and correct conversion for SAP display.

4. Maintenance & Best Practices

- The same set up above needs to be maintained in OIC to recognize the field separator in the file.
- When adding new amount fields, update both the field mapping (T.Code: /TROIC/FIELD_MAP) and the OIC General table (T.Code: /TROIC/GENERAL)

5. Troubleshooting

- CSV Output Issues: If columns are not separated as expected, verify the field separator in Colum General option with value “CSV Separator” from the above screen.
- Amount Display Issues: If amounts appear in incorrect format, check that all relevant amount fields are correctly mapped in field mapping and maintained in the OIC General table.

FREQUENTLY ASKED QUESTIONS

Is the Integration compatible with SAP S/4HANA?

Yes.

Which S/4HANA versions are the Integration supported on?

This integration has been tested to be compatible with S/4HANA 2021 & support pack stack (SPS) 6 and onwards.

Is integration compatible with ECC?

For this integration to work with SAP ECC, a review of the field mapping and core object customization is required.

How many transactions can be processed on one csv file?

This solely depends on the customer's infrastructure and the resources allotted in that particular SAP landscape.

What are the report types supported for this integration?

Though standard field mappings are provided for VAT-ESL, G/L Transactions, INTRASTAT , SAF-T reports.

Users have the flexibility to customize the standard mappings and can be extended to other reports

by generating new TR transports that may require ABAP coding, field mapping for required data,

use of BADIs, and enhancement of current selection screens.

Are Multiple Field separators supported?

Only a single delimiter character can be specified per CSV file configuration, Multiple delimiter characters cannot be used together in the same file processing operation, hence multiple field separators are not Supported.