

ONESOURCE™ E-Invoicing

SAP S4/HANA Integration

CONFIGURATION AND USER GUIDE

PRODUCT VERSION 1.1.0.0

Document Version 1.0



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DOCUMENT HISTORY

VERSION NUMBER	VERSION DATE	SUMMARY
1.0.0.0	Oct 2023	First Release MVP 1.0
1.1.0.0	Dec 2023	Release MVP 1.1 ~ Support for countries with clearance model ~ Support for Supplier e-invoices

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Integration Overview

There is a rapid growth in countries mandating e-invoicing or continuous transaction control requirements globally as governments prioritize tax reform and real-time reporting, creating challenges for businesses to comply.

To help customers achieve complete e-invoicing compliance, Thomson Reuters has integrated with Pagero, a provider of an open business network that allows businesses all over the world to send and receive e-invoices using one single connection. ONESOURCE E-Invoicing is a centralized platform designed to streamline electronic invoicing management for multinational businesses who are being mandated to comply with e-invoicing regulations around the world.

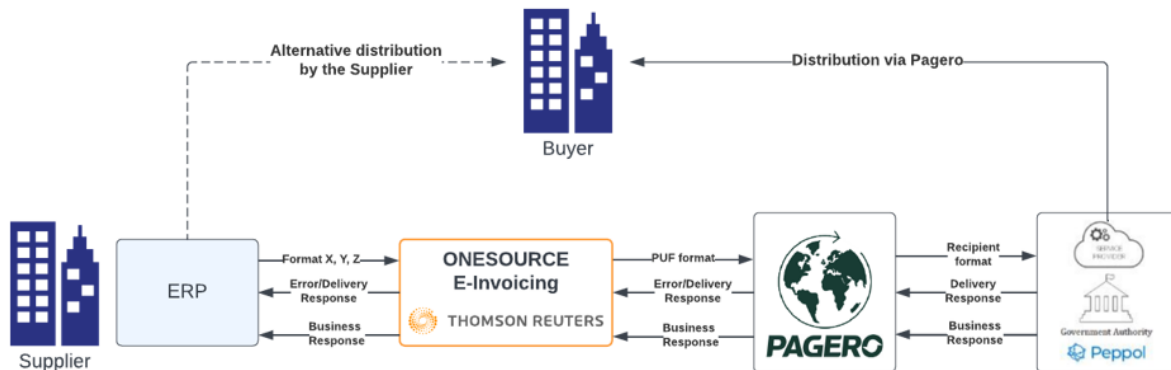
ONESOURCE E-Invoicing also gives customers a single access point to manage e-invoicing compliance. It offers pre-built integrations that connect businesses' financial systems, including SAP S/4HANA, minimizing cost and effort to comply.

ONESOURCE E-Invoicing benefits customers managing e-invoice mandates, providing:

- **Centralized control** – E-invoicing compliance supported across networks and borders, managed within a single platform.
- **Reduced cost** – Lower implementation costs, effort, and ongoing maintenance with pre-built integrations for SAP, in addition to other direct API integrations.
- **Simplified data management** – Economies of scale across countries with universal data mapping.
- **Time saved** – Maximized invoice flow supporting a faster time to payment, with automated e-invoice validation and data enrichment.

The addition of e-invoicing enhances the ONESOURCE suite, and Thomson Reuters now provides businesses with an end-to-end solution for indirect tax compliance, from tax determination and e-invoicing to compliance filing.

Architecture and Design Overview



- The ONESOURCE E-Invoicing Integration for SAP S/4HANA will utilize SAP's e-document framework (Basic Solution) which allows Thomson Reuters to extract Financial Accounting (FI) or Sales and Distribution (SD) data. A corresponding e-document will be created and for processing from the e-document cockpit for further processing.
- TR's solution will perform the following functions:
 - ✓ Map the data to the required ONESOURCE E-Invoicing (OEI) JSON Structure.
 - ✓ Submit the payloads to the ONESOURCE E-Invoicing (OEI) Component.
 - ✓ Process responses & statuses
- Upon submission, the e-invoice will be sent to the Thomson Reuters ONESOURCE Electronic Invoice integration for validation and processing by Pagero and other electronic exchange authority e.g., PEPPOL.

Prerequisites

Please take the following into account before installing the ONESOURCE E-Invoicing Integration for SAP S/4HANA:

- Minimum supported SAP system version is S/4HANA 2021
- You have made the Customizing settings required in SAP S/4HANA for the country you are implementing; For more information, refer to country-specific customizing specific for each country.

Supported Business Process

Electronic Customer Invoices

This section describes the supported processes for this integration using the eDocument Cockpit (EDOC_COCKPIT) transaction.

Processing Customer Invoices

This process supports the creation of electronic documents for invoices created in the SD or FI module and submit them electronically to the ONESOURCE E-Invoicing Integration for SAP S/4HANA

Procedure:

1. Post an invoice (SD or FI) in SAP S/4HANA
When an invoice gets posted, the solution will automatically create a corresponding e-Document record in the eDocument Cockpit

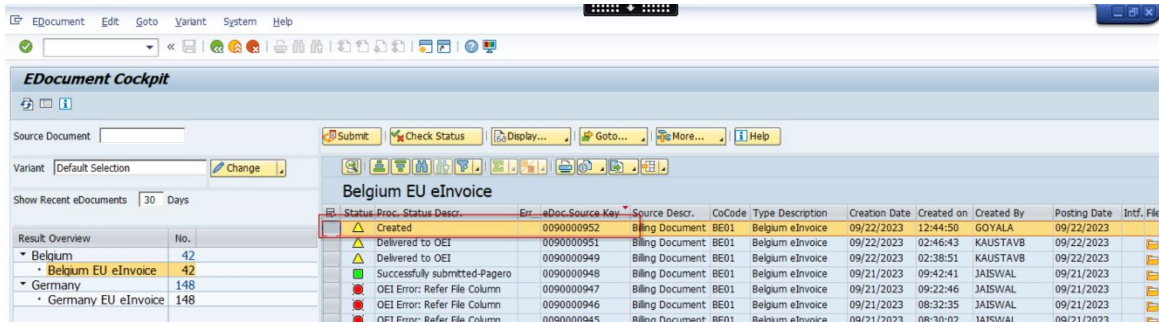
Example: Call Up Transaction VF01, enter delivery number and hit enter. Billing 90000952 generated.

Document	Item	SD Document Category	Processing Status	Billi
30000003				

A sales document is posted.

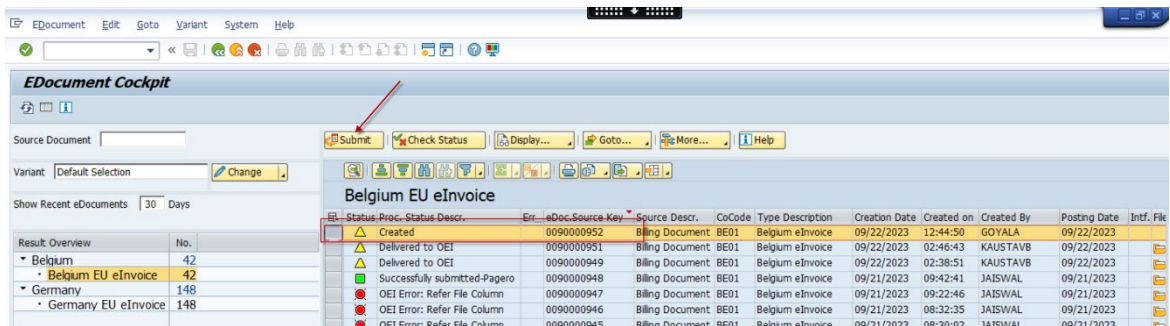
✓ Document 90000952 has been saved.

Open the transaction EDOC_COCKPIT. A corresponding e-document with the same Billing document is created and ready for processing.

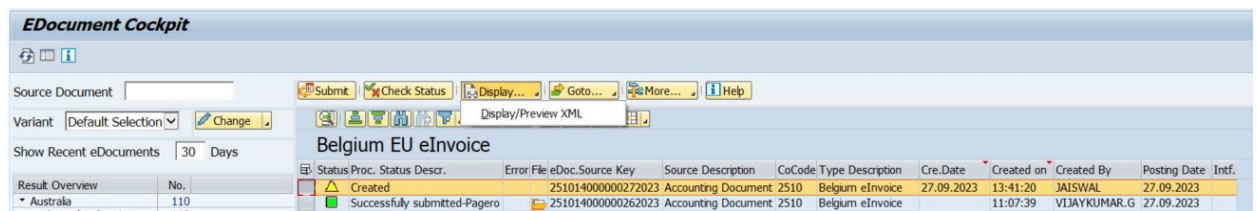


2. Select the e-Documents and submit to ONESOURCE E-Invoicing (OEI) Solution for further processing by clicking "Submit"

The solution creates a JSON payload according to the ONESOURCE E-Invoicing (OEI) format and forwards it to ONESOURCE E-Invoicing (OEI)



Xml file display: Select the document line, Hit Display -> Display



EDocument Cockpit

```
<?xml version="1.0" encoding="UTF-8"?>
- <asx:abap xmlns:asx="http://www.sap.com/abapxml" version="1.0">
  - <asx:values>
    - <SOURCE>
      <ID>0E8978F1268B1EDE96A92ACBEBF88352</ID>
      <DOCUMENTNUMBER>0090000955</DOCUMENTNUMBER>
      <DUEDATE>2023-09-22</DUEDATE>
      <ISSUEDATE>2023-09-22</ISSUEDATE>
    - <EDOCUMENTTYPE>
      <NAME>INVOICE</NAME>
      <VALUE>INV</VALUE>
    - </EDOCUMENTTYPE>
      <CUSTOMERTYPE>B2B</CUSTOMERTYPE>
      <TAXPOINTDATE>2023-09-22</TAXPOINTDATE>
      <EDOCUMENTCURRENCYCODE>EUR</EDOCUMENTCURRENCYCODE>
    - <ACCOUNTINGSUPPLIERPARTY>
      - <PARTY>
        - <PARTYENDPOINTID>
          <VALUE>BE0999999999</VALUE>
          <SCHEMEID>9925</SCHEMEID>
        - </PARTYENDPOINTID>
        - <PARTYIDENTIFICATIONID>
          <VALUE>BE015196782</VALUE>
          <SCHEMEID>0088</SCHEMEID>
        - </PARTYIDENTIFICATIONID>
          <PARTYNAME>Belgium Global Tax</PARTYNAME>
        - <POSTALADDRESS>
          <POSTBOX>143</POSTBOX>
          <STREETNAME>Route de Neufchateau</STREETNAME>
          <ADDITIONALSTREETNAME/>
          <BUILDINGNUMBER/>
          <DEPARTMENT/>
          <PLOTIDENTIFICATION/>
          <CITYSUBDIVISIONNAME/>
          <CITYNAME>Heks</CITYNAME>
```

Once the e-document is submitted, the status changes to "Delivered to OEI"

Submit

Check Status

Display...

Goto...

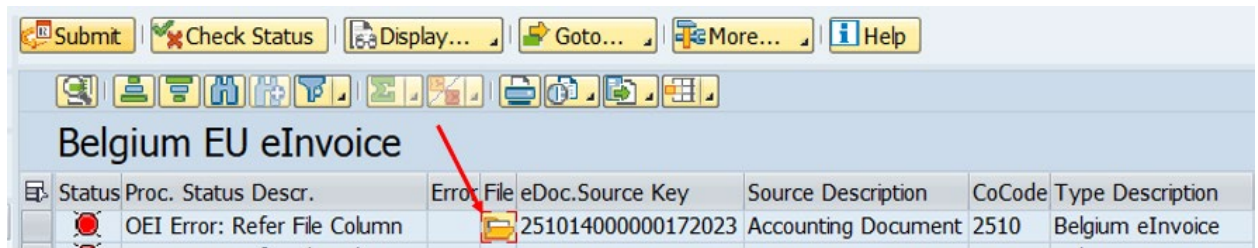
More...

Help


Australia eInvoice


	Status	Proc. Status Descr.	Error	File	eDocument Source Key	Source Description	CoCode
	⚠	Delivered to OEI		📁	0090000477	Billing Document	3010

1. ONESOURCE E-Invoicing (OEI) performs the required validations and if the payload fails the OEI validations, it will return an OEI Error Message. Click on the attachment under the column "File" to view and analyze the error messages.



4. SAP S/4HANA updates the process status of the eDocument.

 Submission of the electronic documents to ONESOURCE E-Invoicing (OEI) can be automated using background programs and jobs.

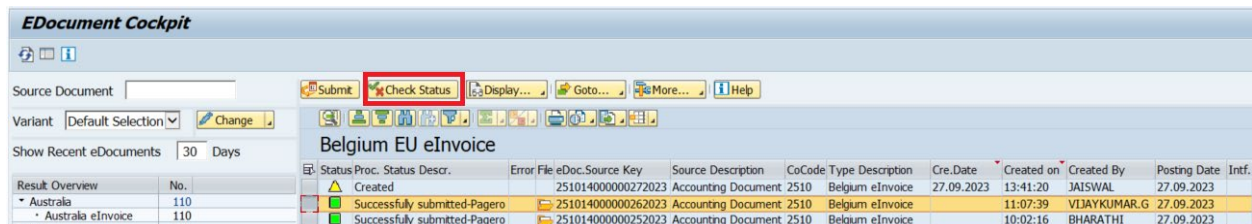
 Other supported document types for electronic documents include Credit Memos, Debit Memos and Pre-Payments.


Checking Status of Electronic Documents

Throughout the lifecycle of the electronic document from the time of invoice submission from SAP to the Thomson Reuters ONESOURCE E-invoice component, you may be able to check and receive statuses of electronic documents.


Procedure:



Select the e-Document and click on the **CHECK STATUS** button from the e-Document transaction.



 Checking statuses of the electronic documents can be automated using background programs and jobs.

The table below shows the possible statuses of electronic documents and their corresponding resulting actions.

Status	Description	Required Action
INP  In Progress - Pagero	In Progress by ONESOURCE E-Invoicing (OEI)	None

SUB  Successfully submitted-Pagero	Success. Electronic document has been received by the government or another assigned authority	None
ERR  Error - Pagero	Validation error by ONESOURCE E-Invoicing (OEI)	Refer to the error description and make the necessary corrections. Refer to the section Statuses and Error Handling .

Receiving Business Responses

In this process, you will be able to receive business responses from resulting actions of the receiver (the buyer) of the electronic document. These responses will be received as part of the CHECK STATUS process.

For example, a technically correct invoice may have been received, however, the buyer decides to reject the invoice due to a business reason e.g. incorrect reference, missing PO numbers, etc.

The table below shows the possible statuses of electronic documents and its corresponding resulting actions.

Status	Description	Required Action
BUA	Business Acceptance	None
BUR	Business Rejection	Refer to the section Statuses and Error Handling .

Electronic Supplier Invoices

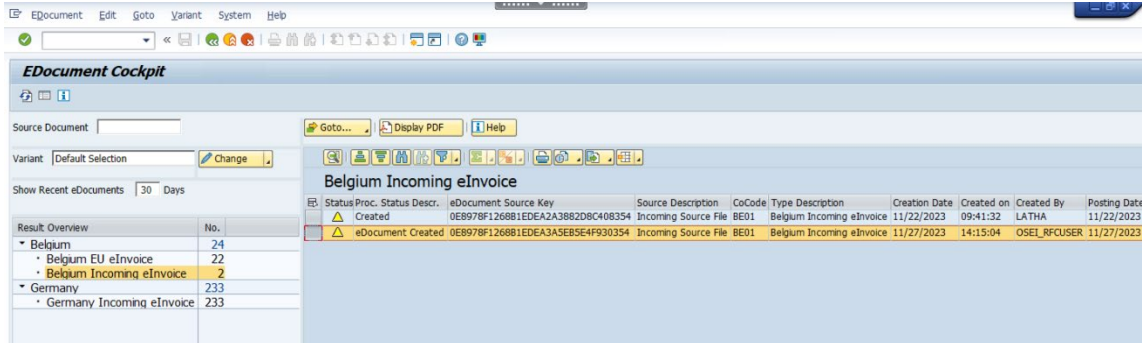
Receiving Supplier Invoices

This process supports the creation of electronic documents for invoices sent by supplier to Pagero through ONESOURCE E-Invoicing Integration for SAP S/4HANA

Procedure:

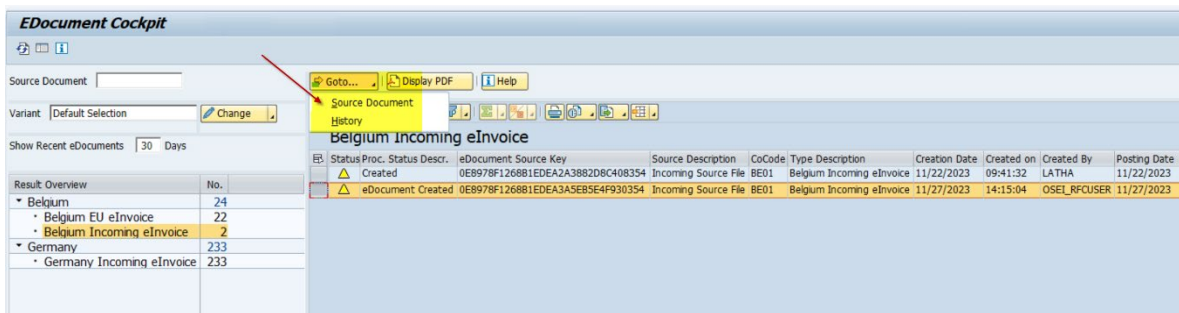
1. Receiving Supplier Invoice from ONESOURCE E-Invoicing,
When an invoice is received, the system will automatically generate a corresponding e-Document record in the eDocument Cockpit

Go to transaction EDOC_COCKPIT. A corresponding e-document document is created.



3. Select the e-Document and submit to ONESOURCE E-Invoicing (OEI) Solution for further Display”

To display the XML file, select the document line, Click on Goto->Source Document



EDocument Cockpit

```
<?xml version="1.0" encoding="UTF-8"?>
- <asx:abap xmlns:asx="http://www.sap.com/abapxml" version="1.0">
  - <asx:values>
    - <SOURCE>
      <ID>ac4c3f7a-e00a-4be0-a24f-6e76210d5ce1</ID>
      <DOCUMENTNUMBER>SAK_1701094209</DOCUMENTNUMBER>
      <SOURCESYSTEM/>
      <ISSUEDATE>2023-11-02</ISSUEDATE>
      <ISSUETIME/>
      <DUEDATE>2023-07-20</DUEDATE>
    - <EDOCUMENTTYPE>
      <NAME/>
      <VALUE>INV</VALUE>
    </EDOCUMENTTYPE>
    <CUSTOMERTYPE>B2B</CUSTOMERTYPE>
    <DESCRIPTIONS/>
    <TAXPOINTDATE/>
    <EDOCUMENTCURRENCYCODE>AED</EDOCUMENTCURRENCYCODE>
    <TAXCURRENCYCODE>USD</TAXCURRENCYCODE>
    <ACCOUNTINGCOST/>
    <BUYERREFERENCE/>
    <EDOCUMENTPERIODS/>
    - <ORDERREFERENCE>
      <ID/>
      <SALESORDERID/>
      <ISSUEDATE/>
    </ORDERREFERENCE>
    <BILLINGREFERENCES/>
    <DESPATCHDOCUMENTREFERENCES/>
    <RECEIPTDOCUMENTREFERENCES/>
    <ORIGINATORDOCUMENTREFERENCES/>
    <CONTRACTDOCUMENTREFERENCES/>
    <ADDITIONALDOCUMENTREFERENCES/>
    <PROJECTREFERENCES/>
    - <ACCOUNTINGSUPPLIERPARTY>
      - <PARTY>
        - <PARTYENDPOINTID>
          <VALUE>BE0999999991</VALUE>
          <SCHEMEID/>

```

- To display the invoice in a human readable format, select the e-Documents and click Display PDF for Display.

The screenshot shows the EDocument Cockpit interface. On the left, the 'Result Overview' table lists documents, with 'Belgium Incoming eInvoice' selected. The main area shows the document details for 'Belgium Incoming eInvoice'. A red arrow points to the 'Display PDF' button in the top toolbar. On the right, the PDF preview shows a 'Commercial Invoice' for 'Company Code 3010'. The invoice includes details for the buyer (EInvoice Customer AU 2) and the delivery information (EInvoice Customer AU 2). The item table lists four items with quantities, net prices, tax rates, net amounts, tax amounts, and totals.

Item	Name	Quantity	Net price	Tax rate	Net Amount	Tax amount	Total
10	KWM Default Carton with SSCC generation	1.00 H87	33 AUD	10.00%	33.000	3.3	39.60
20	KWM Default Carton with SSCC generation	2.00 H87	33 AUD	0.00%	66.000	0	66.00
30	KWM Default Carton with SSCC generation	2.00 H87	33 AUD	10.00%	66.000	6.6	79.20
40	KWM Default Truck	1.00 H87	33 AUD	0.00%	33.000	0	33.00
Total					198.00	9.90	207.90

Implementing Incoming Automatic Invoice Solution

At this point, we are not offering an incoming invoice solution to automatically post the electronic supplier invoice.

You may, however, implement your own incoming automation solution by Implementing the BAdI eDocument Incoming Automation (EDOC_INCOM_CONNECTOR).

Installation and Set Up

Importing Transport Objects

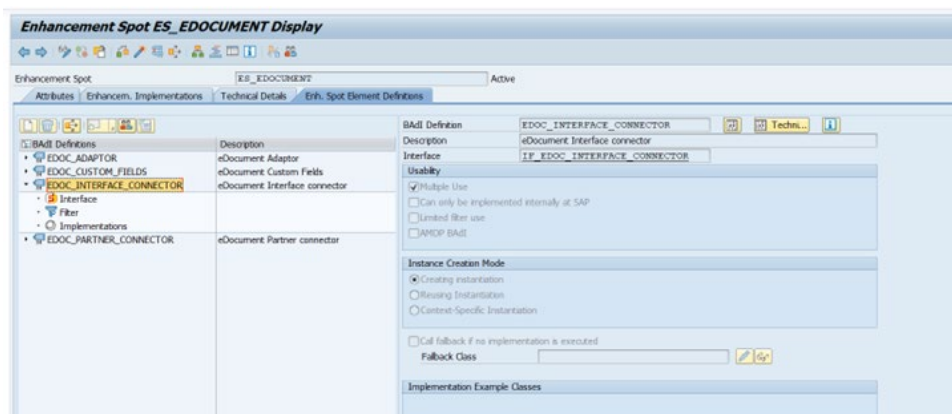
As part of the setting up of this Integration, you will have to import the Thomson Reuters provided transports. Import the provided transports in the following order:

Transport	Content
GN4K900827	ONESOURCE E-Invoicing Integration SAP S/4HANA 1.1.0.0 - Code
GN4K900831	ONESOURCE E-Invoicing Integration SAP S/4HANA 1.1.0.0-Config
GN4K900811	ONESOURCE E-Invoicing Integration SAP S/4HANA 1.1.0.0 - Role

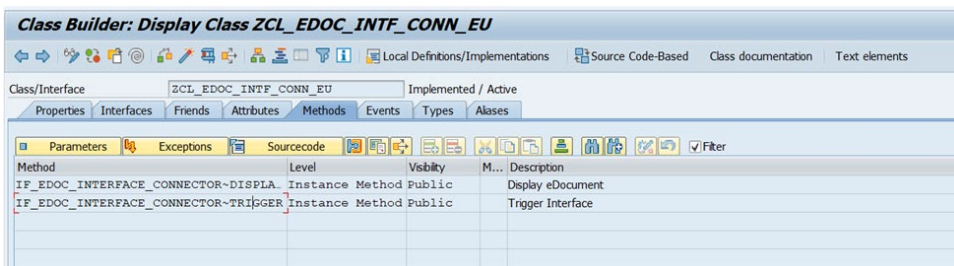
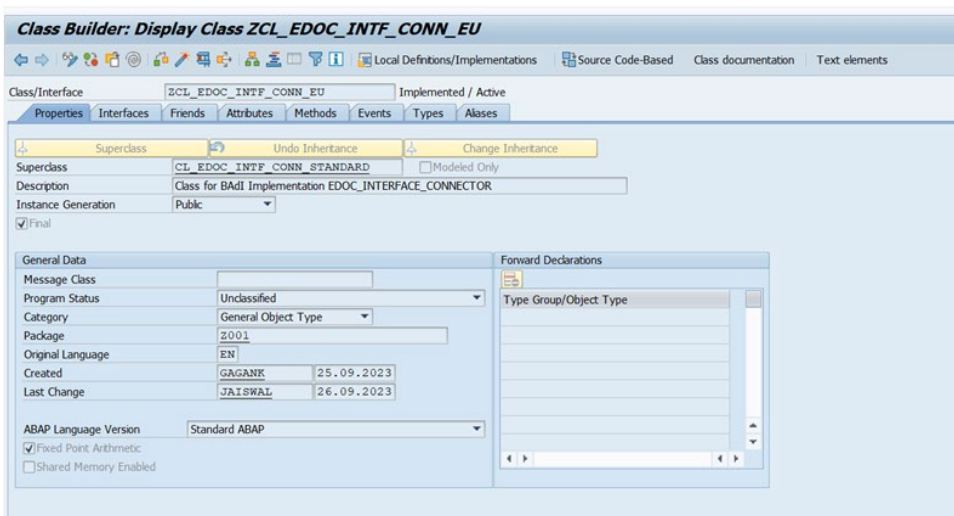
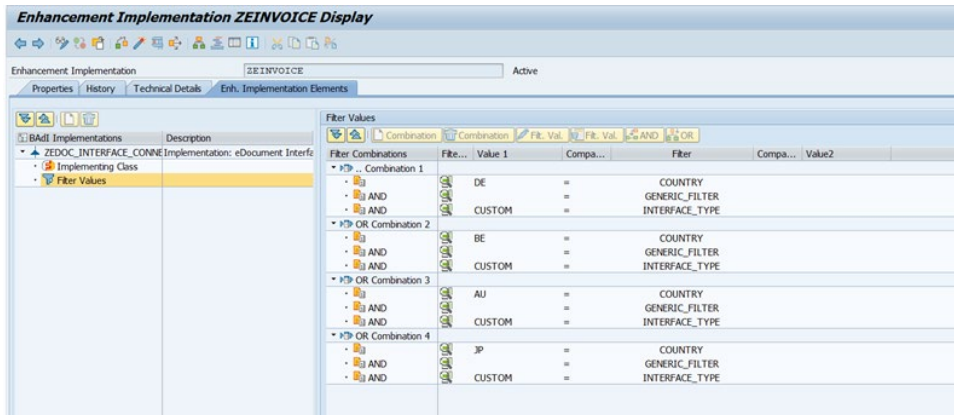
BADI Implementation

Procedure:

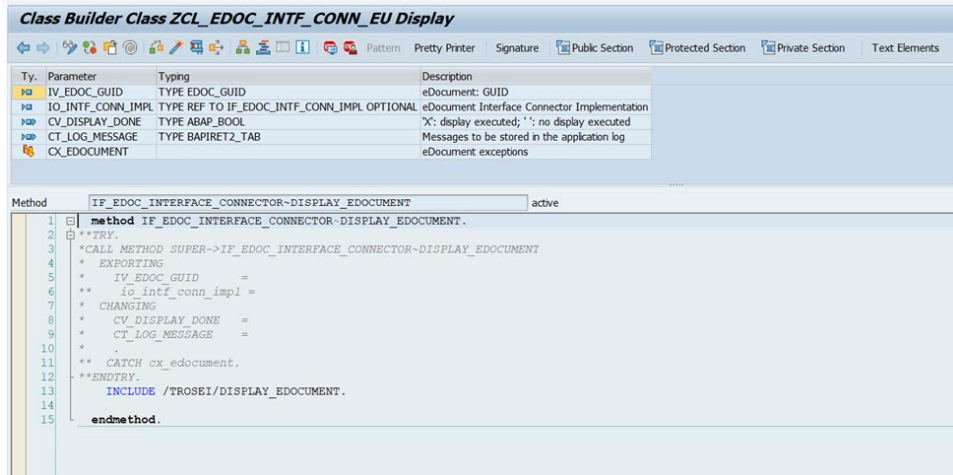
Create custom implementation of the BADI **EDOC_INTERFACE_CONNECTOR** in transaction **SE18**.



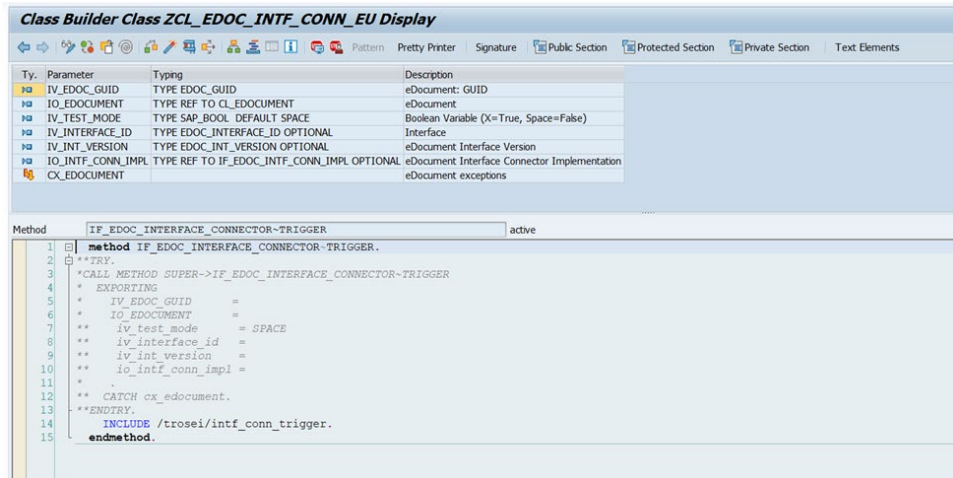
Maintain filters for the countries in scope. As an example, it would be countries Australia (AU), Belgium (BE) or Japan (JP).



Add include – /TROSEI/DISPLAY_EDOCUMENT in the method DISPLAY_DOCUMENT.



Add include – **/TROSEI/INTF_CONN_TRIGGER** in the method TRIGGER.



Change Field BADI

A custom BADI **/TROSEI/BADI_EDOC_COCKPIT** is provided as part of the TR standard package.

This BADI is used to adjust/modify the customer (AR or FI) e-invoice request which is sent to OEI. This BADI has a changing parameter which is in the request with the implementation class method - “add_custom_field_value”.

Changes carried out in this implementation method will overwrite the values of the standard mapping of the source (SAP) to target (ONESOURC E-invoicing) fields.



This BADI implementation is independent of any filter values and is not designed as a multi-use BAD.

The screen below shows an illustration of the BADI implementation -

BAdI Builder: Initial Screen for Definitions

☐ Enhancement Spot

☒ BAdI Name: /TROSEI/BADI_EDOC_COCKPIT

Display Change Create

Enhancement Spot /TROSEI/ES_EDOC_COCKPIT Display

Enhancement Spot: /TROSEI/ES_EDOC_COCKPIT Active

Attributes Enhancem. Implementations Technical Details Enh. Spot Element Definitions

BAdI Definitions	Description
/TROSEI/BADI_EDO	Enhancement for Edoc_cockpit

BAdI Definition: /TROSEI/BADI_EDOC_COCKPIT

Description: Enhancement for Edoc_cockpit

Interface: /TROSEI/IF_BADI_EDOC_COCKPIT

Usability

- ☐ Multiple Use
- ☐ Can only be implemented internally at SAP
- ☐ Limited filter use
- ☐ AMDP BAdI

Instance Creation Mode

- ☒ Creating instantiation
- ☐ Reusing Instantiation
- ☐ Context-Specific Instantiation

☐ Call fallback if no implementation is executed

Fallback Class:

Implementation Example Classes:

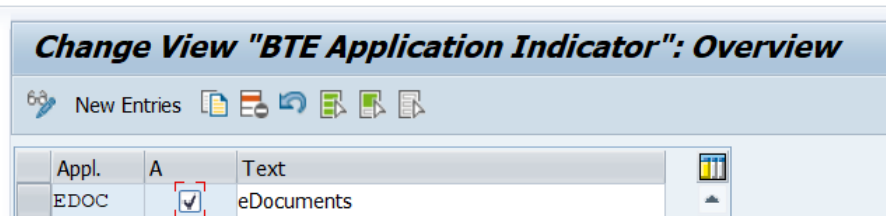
Reviewing BTE Events

Business Transaction Event (BTE) is required to enable the creation of electronic documents using the **eDocument Cockpit** (EDOC_COCKPIT) transaction. You may already have this pre-installed on your system, this step is to review the configuration for completeness.

Procedure

1. Go to transaction **FIBF**.

2. choose **More > Settings > Identification > SAP Applications**.
3. Ensure the application **EDOC** is checked.



Review also the supported functions for e-documents.

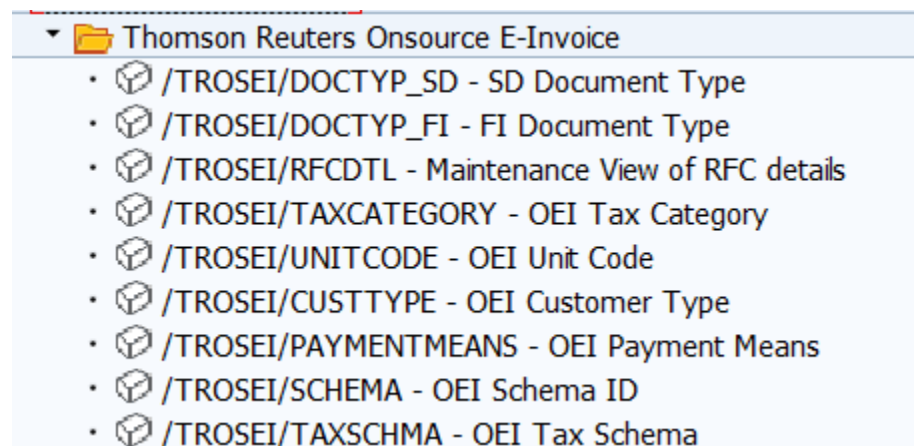
Procedure

1. From transaction FIBF, go to **More > Settings > P/S Modules...** of an SAP Application.
2. Register the following function modules:

Business Tr.	Event	Ctrl	Appl.	Indtr	Function Module
00001025			EDOC		EDOC_BTE_00001025
00001030			EDOC		EDOC_BTE_00001030
00001042			EDOC		EDOC_BTE_00001042
00001050			EDOC		EDOC_BTE_00001050

Adding User Menu to a Role

For users to be able to access the setup and configurations for this integration, we delivered an SAP User Menu. You would need to provide users with access to the /TROSEI/GENERAL role.



S/4 HANA 2022 Compatibility

If you are on S/4HANA 2022 version and above, additionally you are required to activate the document compliance business function CA_EDOC.

Procedure

1. Go to T-code **SFW5** and expand the ENTERPRISE_BUSINESS_FUNCTIONS node and navigate to the item **CA_EDOC**.
2. Select this item, click on the Planned Status checkbox and click on Activate Changes. This will trigger a background process to activate the switch.

Business Function Set: <input type="text"/>						
Check Discard Changes Activate Changes Switch Framework Browser Display Legend More ▾						
Business Function Set: <input type="text"/>						
<input type="checkbox"/>	Name	Description	Planned Status	Depend...	Docume...	Software Com...
<input type="checkbox"/>	AUTO_GEN_CI_1	Generic Automotive Innovations	<input type="checkbox"/>			S4CORE
<input type="checkbox"/>	AUTO_LOC_IN_1	IS-Auto Localization for India and Japan	<input type="checkbox"/>			S4CORE
<input type="checkbox"/>	AUTO_LOC_JP_1	IS-Auto Localization for Japan	<input type="checkbox"/>			S4CORE
<input type="checkbox"/>	BC_SRV_STW_01	Enable SAP StreamWork ABAP Integration 1 (Reversible)	<input type="checkbox"/>			SAP_BASIS
<input type="checkbox"/>	BC_SRV_STW_02	Enable SAP StreamWork ABAP Integration 2 (Reversible)	<input type="checkbox"/>			SAP_BASIS
<input type="checkbox"/>	BC_SRV_STW_03	Enable Social Media ABAP Integration 3 (Reversible)	<input type="checkbox"/>			SAP_BASIS
<input type="checkbox"/>	BF_BEH_INS	Business function for Behavioral Insights product (Reversible)	<input type="checkbox"/>			S4CEXT
<input type="checkbox"/>	BF_TM_LOCL_BR01	TMS - Brazilian Localization Business Function	<input type="checkbox"/>			S4CORE
<input type="checkbox"/>	BS_PERIOD_1	Period Toolset, Custom Period (Reversible)	<input type="checkbox"/>			S4FND
<input type="checkbox"/>	BUPA_ILM_BF	ILM-Based Deletion of Business Partner Data	<input type="checkbox"/>			S4FND
<input type="checkbox"/>	BUSINESS_FN_PPMG	Business Function for Prepayment	<input type="checkbox"/>			S4COREOP
<input type="checkbox"/>	BW_DPP_GEN_EXT	Data Privacy : Generic Extractor for Notifications (Reversible)	<input type="checkbox"/>			SAP_BW
<input type="checkbox"/>	CA_CATS_CE	CATS classic for Concurrent Employment	<input type="checkbox"/>			S4CORE
<input type="checkbox"/>	CA_CATS_CPR	CATS regular: cProjects Details	<input type="checkbox"/>			S4HCMGXX
<input type="checkbox"/>	CA_CATS_CPR_CORE	CATS classic: cProjects Details	<input type="checkbox"/>			S4CORE
<input type="checkbox"/>	CA_CIF_INILOAD_01	Enhanced Initial Data Transfer via Core Interface (CIF)	<input type="checkbox"/>			S4CORE
<input type="checkbox"/>	CA_DTINF_FW	Information Framework Business Function (Reversible)	<input type="checkbox"/>			SAP_ABA
<input checked="" type="checkbox"/>	CA_EDOC	Document Compliance Business Function (Reversible)	<input checked="" type="checkbox"/>			S4CORE
<input type="checkbox"/>	CA_FINANCIALS_SOA_SEM	Financials SOA for SEM, EhP6	<input type="checkbox"/>			S4COREOP
<input type="checkbox"/>	CA_FSBP_MIGRATION_ID	FS-BP Migration of Additional Partner Numbers	<input type="checkbox"/>			SAP_ABA
<input type="checkbox"/>	CA_FSBP_TAX_C	FS Business Partner Tax Compliance (Reversible)	<input type="checkbox"/>			SAP_ABA
<input type="checkbox"/>	CA_HAP_CI_1	CA, Evaluations, Appraisals, and Surveys 01	<input type="checkbox"/>			SAP_ABA

Setting Up the Connection

To establish connectivity to ONESOURCE E-Invoicing (OEI) system, the following configuration activities need to be set in in SAP S/4HANA:

Create OAUTH Profile



This configuration is transportable via Transport Request

Procedure

1. Go to T-code **SE80**
2. Choose the appropriate package, right-click and choose **Create > Others > OAuth 2.0 Client Profile**

3. Enter name: ZONESOURCE, Type: Default, Scope: urn:tr:onesource:auth:api:invoicing.v1.documents

The screenshot shows a web interface for configuring ZONESOURCE. At the top, there are two input fields: 'Profile' with the value 'ZONESOURCE' and 'Type' with the value 'DEFAULT'. To the right of these fields is a 'Saved' button. Below this is a tabbed interface with two tabs: 'Administration' and 'Scopes'. The 'Scopes' tab is active, showing a table with a header 'SCOPE' and a single row containing the value 'urn:tr:onesource:auth:api:invoicing.v1.documents'. The table has a vertical scrollbar on the right side.

4. Save the configuration.

Create OAUTH Configuration



This configuration needs to be done manually for every client.

Procedure

1. Open transaction code **OA2C_CONFIG**
2. Click on Create
3. You will need to input the following information:
 - Service Provider Type: DEFAULT
 - Profile: ZONESOURCE
 - Configuration Name: ZOSEL
 - Client ID: <Provided by TR during on-boarding>
 - Client Secret: <Provided by TR during on-boarding>
 - Authorization endpoint: <Provided by TR during on-boarding>
 - Token endpoint: <Provided by TR during on-boarding>
 - Client Authentication: Basic
 - Grant Type: Client Credentials
4. Save. In the end, it should look like the following:

SAP

OAuth 2.0 Clients

Overview

Edit

Save

Create ...

Delete

SAML 2.0 Disabled

SAML 2.0 Settings

SAML 2.0 Settings

	Service Provider Type	Profile	Configuration Name	OAuth 2.0 Client ID
<input checked="" type="radio"/>	DEFAULT	ZONESOURCE	ZOSEI	euCuyCGcZtzj3y3ipwQOYGOGzkaOYpN
<input type="radio"/>				
<input type="radio"/>				
<input type="radio"/>				
<input type="radio"/>				
<input type="radio"/>				
<input type="radio"/>				
<input type="radio"/>				

Details

Administration

Scopes

Enhancement Settings

Created By

FABI0B

Created On

05.09.2023

Created At

12:23:21

Changed By

FABI0B

Changed On

05.09.2023

Changed At

12:23:21

General Settings

Service Provider Type:

DEFAULT

Profile:

ZONESOURCE

Configuration Name:

ZOSEI

OAuth 2.0 Client ID:

euCuyCGcZtzj3y3ipwQOYGOGzkaOYpN

OAuth 2.0 Client ID (Internal):

0E8978F1268B1EDE92FCD768AC660351

Client Secret:

Authorization Server Settings

Authorization Endpoint:

https://api-cloud-dev2.ONESOURCEtax.com/oaauth2/v1/token

Token Endpoint:

https://api-cloud-dev2.ONESOURCEtax.com/oaauth2/v1/token

Revocation Endpoint:

https://

Access Settings

Client Authentication:

☒ Basic

☐ Form Fields

☐ Client Certificate

Resource Access Authentication:

☒ Header Field

☐ Form Field

Selected Grant Type:

☐ Current user related

☐ Resource Owner Password Credentials

☒ Client Credentials

Grant Type (Current User related):

☐ Authorization Code

☐ SAML 2.0 Bearer Assertion

Redirection URI Server:

https://gn4hanaapp.int.thomsonreuters.com:8553

Redirection URL:

https://gn4hanaapp.int.thomsonreuters.com:8553/sap/public/bc/sec/oaauth2/client/redirect?sa...

Target Endpoint:

/sap/bc/webdynpro/sap/OA2C_GRANT_APP

SAML 2.0 Audience:

SAML 2.0 Recipient:

https://api-cloud-dev2.ONESOURCEtax.com/oaauth2/v1/token

User E-Mail for SAML 2.0 Name ID:

000

Resource Owner Password Credentials:

☒ Request Tokens ...

Refresh Token Validity:

-1

[In days]

Clock Skew Tolerance:

5

[In seconds]

Proxy Host:

Proxy Port:

Proxy User:

Proxy Password:

SSL Client PSE:

mTLS Token Endpoint Alias:

https://

mTLS granttype = client_x509 (SAP XSUAA):

☐

Establish RFC Connections


Procedure

Go to transaction **SM59** and create RFC connections with type “G” for each ONESOURCE E-Invoicing (OEI) endpoint as shown below:

1. EINVOICE_OSEI_SEND

- a. Host: api-cloud-dev2.onesourcetax.com
- b. Port: 443
- c. Path Prefix: /einoicing/v1/documents/documents/eap/processDocument
- d. Oauth Settings
 - i. Profiles: ZONESOURCE
 - ii. Configuration: ZOSEI

RFC Destination	EINVOICE_OSEI_SEND		
Connection Type	G	HTTP Connection to External Server	Description
Description			
Description 1	<fill in description>		
Description 2			
Description 3			
<hr/>			
Administration Technical Settings Logon & Security Special Options			
<hr/>			
Target System Settings			
Host	api-cloud-dev2.onesourcetax.com		Port
Path Prefix	/einoicing/v1/documents/documents/eap/processDocument		
<hr/>			
HTTP Proxy Options			
Global Configuration			
Proxy Host			
Proxy Service			
Proxy User			
Proxy PW Status	is initial		

Connection Test 

RFC Destination

Connection Type HTTP Connection to External Server Description

Description

Description 1

Description 2

Description 3

Administration Technical Settings **Logon & Security** Special Options

Logon Procedure

Logon with User

☒ Do not use a user

☐ Basic Authentication

User

PW Status

Logon with Ticket

☒ Do not send logon ticket

☐ Send ticket without reference to target system

☐ Send assertion ticket for dedicated target system

System ID Client

Logon with MQTT/AMQP

User

PW Status

Security Options

Status of Secure Protocol

SSL ☐ Inactive ☒ Active

SSL Certificate Cert. List

☐ Do not use certificate for logon

Authorization for Destination

OAUTH Settings

Profiles

Configuration

2. EINVOICE_OSEI_OAUTH2

- a. Host: api-cloud-dev2.onesourcetax.com
- b. Port:
- c. Path Prefix: /oauth2/v1/token/

RFC Destination	EINVOICE_OSEI_OAUTH2		
Connection Type	G	HTTP Connection to External Server	Description
Description			
Description 1	EINVOICE_OSEI_OAUTH2		
Description 2			
Description 3			
<div>Administration Technical Settings Logon & Security Special Options</div>			

Target System Settings		
Host	api-cloud-dev2.onesourcetax.com	Port
Path Prefix	/oauth2/v1/token/	

HTTP Proxy Options	
Global Configuration	
Proxy Host	
Proxy Service	
Proxy User	
Proxy PW Status	is initial

RFC Destination	EINVOICE_OSEI_OAUTH2		
Connection Type	G	HTTP Connection to External Server	Description
Description			
Description 1	EINVOICE_OSEI_OAUTH2		
Description 2			
Description 3			
<div>Administration Technical Settings Logon & Security Special Options</div>			

Logon Procedure	
Logon with User	
<input checked="" type="radio"/> Do not use a user	OAuth Settings
<input type="radio"/> Basic Authentication	
User	
PW Status	is initial
Logon with Ticket	
<input checked="" type="radio"/> Do not send logon ticket	
<input type="radio"/> Send ticket without reference to target system	
<input type="radio"/> Send assertion ticket for dedicated target system	
System ID	Client
Logon with MQTT/AMQP	
User	
PW Status	is initial

Security Options	
Status of Secure Protocol	
SSL	<input type="radio"/> Inactive <input checked="" type="radio"/> Active
SSL Certificate	ANONYM SSL Client (Anonymous) Cert. List
<input type="checkbox"/> Do not use certificate for logon	
Authorization for Destination	

3. EINVOICE_OSEI_CANC

- a. Host: api-cloud-dev2.onesourcetax.com
- b. Port: 443
- c. Path Prefix: /einoicing/v1/documents/documents/eap/documents/

RFC Destination	EINVOICE_OSEI_CANC		
Connection Type	G	HTTP Connection to External Server	Description
Description			
Description 1	EINVOICE_OSEI_CANC		
Description 2			
Description 3			

Administration

Technical Settings

Logon & Security

Special Options

Target System Settings

Host	api-cloud-dev2.onesourcetax.com	Port	443
Path Prefix	/einoicing/v1/documents/documents/eap/documents/		

HTTP Proxy Options

Global Configuration

Proxy Host	
Proxy Service	
Proxy User	
Proxy PW Status	is initial

RFC Destination	EINVOICE_OSEI_CANC	
Connection Type	G	HTTP Connection to External Server
Description		
Description 1	EINVOICE_OSEI_CANC	
Description 2		
Description 3		

Administration	Technical Settings	Logon & Security	Special Options
----------------	--------------------	------------------	-----------------

Logon Procedure

Logon with User

☒ Do not use a user
☐ Basic Authentication

OAuth Settings

User

PW Status is initial

Logon with Ticket

☒ Do not send logon ticket
☐ Send ticket without reference to target system
☐ Send assertion ticket for dedicated target system

System ID Client

Logon with MQTT/AMQP

User

PW Status is initial

Security Options

Status of Secure Protocol

SSL

☐ Inactive
☒ Active

SSL Certificate
ANONYM SSL Client (Anonymous)
Cert. List

☐ Do not use certificate for logon

Authorization for Destination

- d. EINVOICE_OSEI_STATUS
- e. Host: api-cloud-dev2.onesourcetax.com
- f. Port: 443
- g. Path Prefix: /einvoiceing/v1/documents/documents/eap/documents/

RFC Destination	EInvoice_OSEI_STATUS_RFC		
Connection Type	G	HTTP Connection to External Server	Description
Description			
Description 1	Check Status RFC OEI		
Description 2			
Description 3			

Administration Technical Settings Logon & Security Special Options

Target System Settings			
Host	api-cloud-dev2.onesourcetax.com	Port	443
Path Prefix	/einoicing/v1/documents/documents/eap/documents/		

HTTP Proxy Options	
Global Configuration	
Proxy Host	
Proxy Service	
Proxy User	
Proxy PW Status	is initial

RFC Destination	EInvoice_OSEI_STATUS_RFC		
Connection Type	G	HTTP Connection to External Server	Description
Description			
Description 1	Check Status RFC OEI		
Description 2			
Description 3			

Administration Technical Settings Logon & Security Special Options


Logon Procedure	
Logon with User	
<input checked="" type="radio"/> Do not use a user OAuth Settings	
<input type="radio"/> Basic Authentication	
User	
PW Status	is initial
Logon with Ticket	
<input checked="" type="radio"/> Do not send logon ticket	
<input type="radio"/> Send ticket without reference to target system	
<input type="radio"/> Send assertion ticket for dedicated target system	
System ID	Client
Logon with MQTT/AMQP	
User	
PW Status	is initial

Security Options	
Status of Secure Protocol	
SSL	<input type="radio"/> Inactive <input checked="" type="radio"/> Active
SSL Certificate	ANONYM SSL Client (Anonymous) Cert. List
<input type="checkbox"/> Do not use certificate for logon	
Authorization for Destination	

4. EINVOICE_OSEI

- a. Host: onesource-dev.it-cpi002-rt.cfapps.ap10.hana.ondemand.com
- b. Port:443
- c. Path Prefix:

RFC Destination EINVOICE_OSEI

Connection Test 

RFC Destination

Connection Type ☒ HTTP Connection to External Server Description

Description

Description 1	<input type="text" value="EINVOICE_OSEI"/>
Description 2	<input type="text"/>
Description 3	<input type="text"/>

Administration **Technical Settings** Logon & Security Special Options

Target System Settings

Host	<input type="text" value="onesource-dev.it-cpi002-rt.cfapps.ap10.hana.o..."/>	Port	<input type="text" value="443"/>
Path Prefix	<input type="text"/>		

HTTP Proxy Options

Global Configuration

Proxy Host	<input type="text"/>
Proxy Service	<input type="text"/>
Proxy User	<input type="text"/>
Proxy PW Status	<input type="text" value="is initial"/>

RFC Destination:

Connection Type: HTTP Connection to External Server Description

Description

Description 1:

Description 2:

Description 3:

Administration Technical Settings **Logon & Security** Special Options

Logon Procedure

Logon with User

☒ Do not use a user

☐ Basic Authentication

User:

PW Status:

Logon with Ticket

☒ Do not send logon ticket

☐ Send ticket without reference to target system

☐ Send assertion ticket for dedicated target system

System ID: Client:

Logon with MQTT/AMQP

User:

PW Status:

Security Options

Status of Secure Protocol

SSL: ☐ Inactive ☒ Active

SSL Certificate: Cert. List

☐ Do not use certificate for logon

Authorization for Destination:

Maintain the required entries by calling transaction **/TROSEI/RFCDTL** with the RFC destinations created above. For each API Type maintain the RFC Destinations you have created in the steps above.

< **SAP** Display View "Maintenance View of RFC details": Overview

Select All Select Block Deselect All More ▾

Maintenance View of RFC details

API Type	RFC Dest..	Type	Sort Order	Active
<input type="checkbox"/> Cancel API	✓ EINVOICE	HTTP Connection to External Server	✓ 0000000002	X
<input type="checkbox"/> Check Status API	✓ Invoice_	HTTP Connection to External Server	✓ 0000000001	X
<input type="checkbox"/> Submit API	✓ EINVOICE	HTTP Connection to External Server	✓ 0000000004	X
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

Receiving Supplier electronic invoices

This section lists out the steps required to connect your SAP S/4 HANA system to ONESOURCE E-Invoice (OEI) for receiving and processing of supplier electronic invoices.

ODATA for Supplier Electronic Invoices

As part of the transport package an API(OData) will be available in the SAP S4 system.

OData service name is - **/TROSEI/EINV_PROJ_SRV.**

Supported authentication method - **Basic Authentication.**

After importing the transport objects into your SAP S/4HANA system, perform the following steps:

- 1) Register and activate the OData service mentioned above, using transaction **/IWFND/MAINT_SERVICE.**
- 2) Using the same transaction, add any missing System Alias.

The screenshot displays the 'Activate and Maintain Services' transaction in SAP. The top section, 'Service Catalog', lists various services with columns for Type, Technical Service Name, Version, Service Description, External Service Name, Namespace, OAuth, Soft State, Status, and Processing. The service '/TROSEI/EINV_PROJ_SRV' is highlighted. The bottom section, 'System Aliases', shows a table with columns for Status, ICF Node, Session Time-out, Soft State, Description, SAP System Alias, and Default System. The 'LOCAL' alias is listed.

Type	Technical Service Name	Version	Service Description	External Service Name	Namespace	OAuth	Soft State	Status	Processing
	/IWFND/SG_MED_CATALOG	1	Catalog Service	CATALOGSERVICE	/IWFND/	✓		Not Supported	Routing-bi
	/IWFND/SG_MED_CATALOG	2	Catalog Service Version 2	CATALOGSERVICE	/IWFND/	✓			Routing-bi
BEP	/BDTS/COMMAND_SRV	1	/BDTS/CL_ODATA_CMD_DPC_EXT	COMMAND_SRV	/BDTS/				Routing-bi
BEP	ZEASY_ACCESS_MENU	1	Easy Access Menu service	EASY_ACCESS_MENU	/UI2/				Routing-bi
BEP	ZEDOC_DCC_SRV	1	Document Compliance Cockpit Service	EDOC_DCC_SRV				Not Supported	Routing-bi
BEP	/TROSEI/EINV_PROJ_SRV	1	Invoicing AP	EINV_PROJ_SRV	/TROSEI/			Not Supported	Routing-bi
BEP	ZESH_SEARCH_SRV	1	ESH Search	ESH_SEARCH_SRV					Co-deploy
BEP	ZFCLM_BAM_ACCOUNTTWD_SRV	1	Manage Bank Account with Draft	FCLM_BAM_ACCOUNTTWD_SRV				Not Supported	Routing-bi
BEP	/UI2/FDM_PAGE_REPOSITORY_CUST_SRV	1	Fiori Data Model: Page Repository Customizing Service	FDM_PAGE_REPOSITORY_CUST_SRV	/UI2/			Not Supported	Co-deploy
BEP	/UI2/FDM_PAGE_REPOSITORY_SRV	1	Fiori Data Model: Page Repository Service	FDM_PAGE_REPOSITORY_SRV	/UI2/			Not Supported	Co-deploy
BEP	/UI2/FDM_PAGE_RUNTIME_SRV	1	SAP Fiori Data Model: Page Runtime Service	FDM_PAGE_RUNTIME_SRV	/UI2/			Not Supported	Co-deploy
BEP	/UI2/FDM_SPACE_REPOSITORY_CUST_SRV	1	SAP Fiori Data Model: Space Repository Customizing Service	FDM_SPACE_REPOSITORY_CUST_SRV	/UI2/			Not Supported	Co-deploy
BEP	/UI2/FDM_TRANSPORT_SRV	1	SAP Fiori Data Model: Transport Service	FDM_TRANSPORT_SRV	/UI2/			Not Supported	Co-deploy

Status	ICF Node	Session Time-out	Soft State	Description	SAP System Alias	Description	Default System	Metadata
✓	ODATA	00:00:00		Standard Mode	LOCAL	Local System Alias	✓	

- 3) Create SAP user credentials with all the required authorization to call the service.
- 4) Configure the OData service endpoint and user credentials **within the ONESOURCE E-Invoice application**. Refer to section [Maintaining connectivity settings in ONESOURCE E-Invoice Application](#)

Example of the OData service endpoint:

https://gn4hanaapp.int.thomsonreuters.com:8553/sap/opu/odata/TROSEI/EINV_PROJ_SRV/eInvoiceSet?

Maintaining Connectivity Settings in ONESOURCE E-Invoice Application

On the ONESOURCE Electronic platform, go to **ERP and Other Integrations > SAP Settings** page and configure the SAP username, password and OData Service URL.

The screenshot shows the 'SAP settings' page in the Thomson Reuters E-Invoicing application. The left sidebar contains navigation options: Documents, Companies, Pagero integration, ERP and other integrations (highlighted), and Unified logging. The main content area is titled 'SAP settings' and includes a note: '* Indicates required field'. The settings are as follows:

- SAP username***: OSEI_RFCUSER
- SAP password***: [Redacted]
- SAP ERP site***: https://hs4hanaapp.int.thomsonreuters.com:8443/sap/opu/odata/TROSEI/EINV

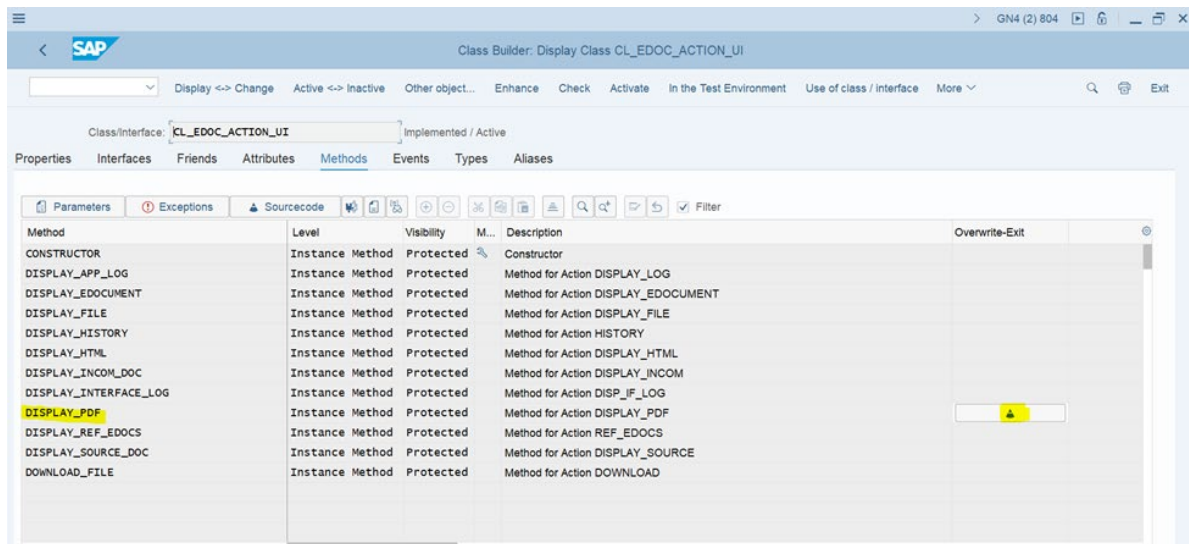
Setting Up Display of PDF

The display PDF option is enabled for electronic incoming invoices via the 'eDocument Process Toolbar Function Assignment'. This configuration is enabled as part of the transport objects provided by Thomson Reuters.

You will be able to see this Display PDF option on E-document Cockpit for Incoming Invoices.

The screenshot shows the SAP EDocument Cockpit interface. The top bar includes 'SAP' and 'EDocument Cockpit'. Below the bar, there's a 'Source Document' section with a 'Variant' dropdown set to 'Default Selector'. A toolbar contains buttons for 'Goto...', 'Display PDF' (highlighted), and 'Help'. The main area displays a list of incoming invoices for Australia, Belgium, Japan, and Poland. The 'Display PDF' button is visible in the toolbar, indicating that the configuration is successful.

Once the 'Display PDF' button is visible in the eDocument cockpit, create an overwrite exit for the method 'DISPLAY_PDF' of the class CL_EDOC_ACTION_UI.



In the overwrite exit, use the include program `'/TROSEI/AP_DISPLAY_PDF'`.



Master Data Configuration

Maintain the following master data for your customers and company codes:

Maintain VAT Registration Number for Company Code

Your company is identified in the Peppol network using the VAT Registration Number; therefore, you must maintain this information for each company code in the company global parameters.

This configuration is also used to identify the respective company code for electronic supplier invoices.

Procedure

- Transaction code **OBY6**. Search for company and double click on it.
- Under Accounting Organization, maintain value for VAT Registration No.
- Save entries.

Example: Company assigned to VAT number as party ID type (For Company 2510: Belgium)

Change View "Company Code Global Data": Details

Additional Data ◀ ▶ 🖨

Company Code Company Code 2510

Country/Reg. Currency Language Key

Accounting organization

Chart of Accts	<input type="text" value="YCOA"/>	Alternative COA	<input type="text" value="YCBE"/>
Company	<input type="text" value="2510"/>	FM Area	<input type="text"/>
Credit Control Area	<input type="text" value="1000"/>	Fiscal Year Variant	<input type="text" value="K4"/>
External CoCode	<input type="checkbox"/>	Global CoCde	<input type="text"/>
Company Code Is Productive	<input type="checkbox"/>	VAT Registration No.	<input type="text" value="BE0999999999"/>
Hide Company Code in F4	<input type="checkbox"/>		

Processing parameters

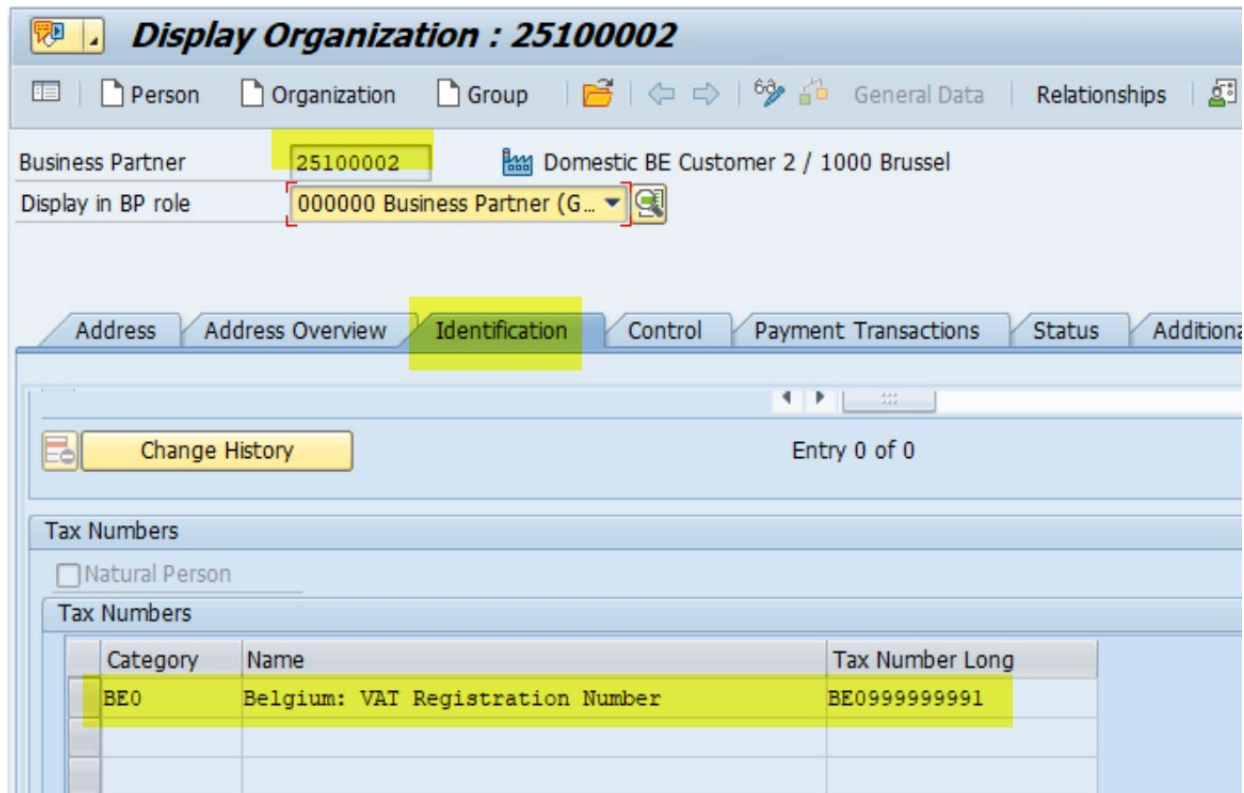
Maintain VAT Number for Customer

Your customers are identified in the Peppol network using the VAT Number; therefore, you must maintain this information in the customer master (business partner).

Procedure

- Transaction code **BP**. Open master data for customer.
- Under Identification tab, enter the corporate number (Category BE0: Belgium VAT Registration Number) and the Tax number.
- Save entries.

Example: Customer assigned to VAT number as party ID type (category BE0: Belgium VAT Registration Number)



The screenshot shows the SAP 'Display Organization' interface for organization 25100002. The 'Identification' tab is selected. In the 'Tax Numbers' section, the 'Natural Person' checkbox is unchecked. A table lists tax numbers with the following data:

Category	Name	Tax Number Long
BE0	Belgium: VAT Registration Number	BE0999999991

Assign Party ID Types to Business Partner

Companies exchanging electronic documents using the Peppol network must identify themselves. For each business partner, you specify by which ID type they're registered in the Peppol network. For example, some may use VAT, others, Global Number Identification, or any other identification required locally.

Procedure

- Search **EDOEUBUPAV** view using transaction SM30. Choose new entries.
- Create an entry for each customer and party ID type combination.
- Save entries.

Example: Customer assigned to VAT number as party ID type (For Country BE: Belgium)

Display View "eDocument - EU Business Partner": Overview				
eDocument - EU Business Partner				
Partner ID	Type	Party ID Type	Description	E-Mail
25100001	C Customer	BE:VAT	Belgium VAT number	E-Mail Process Inactive
25100002	C Customer	BE:VAT	Belgium VAT number	E-Mail Process Inactive

Assign Party ID Types to Companies

To identify your companies in the Peppol network, for each company code, you specify by which ID type they're registered. Use VAT, others, Global Number Identification, or any other identification required locally.

Procedure

- Search **EDOEUCOMPV** view using SM30. Choose new entries.
- Create an entry for company code and party ID type combination.
- Save entries.

Example: Company assigned to VAT number as party ID type (For Company 2510: Belgium)

Display View "eDocument - EU Company Identification Type": Overview			
eDocument - EU Company Identification Type			
CoCd	Company Name	Party ID Type	Description
2510	Company Code 2510	BE:VAT	Belgium VAT number


Define Bank Accounts for Company Code

To define the bank account for your company code that is displayed in the electronic document. If you have multiple bank accounts, you can maintain the ones relevant for the documents that are submitted using the Peppol network. If you don't maintain any bank account, all bank accounts that exist in your company master data are displayed.

Procedure

- Search **EDOEUBANKACCV** view using SM30. Choose new entries.
- Create an entry for company code, house bank, account ID and payment means.
- Save entries.

Example: Bank Account (For Company code 2510: Belgium)

Display View "Bank Accounts for Company Code": Overview of Selected Se									
									
Bank Accounts for Company Code									
CoCd	House Bk	Acct ID	Pay.Means	C/R	Bank Key	Bank Account	IBAN	Crcy	Description
2510	BESK1	BEAC1	Credit Transfer (SEPA/Non-S... ▼	BE	300	310-1112400-90	BE34310111240090	EUR	Dummy text

Configuring SAP S/4HANA

Activate Source Document Types Per Company Code

For a company code, you can define for which type of source document you want electronic documents to be created. You can define multiple entries for one company code.

Procedure

- Search **EDOCOMPANYACTIV** view using **SM30**. Choose new entries.
- Create entry for a combination of company code and source document, select the Active checkbox for each combination.
- Save entries.

Example: To activate accounting and billing document for your company code (BE01: Belgium as example), maintain below entries.

For customer electronic documents, assign source type **FI_INVOICE**, **INV_VERIF** and **SD_INVOICE**. For buyer electronic documents, assign source type **SRC_FILE**.

Display View "eDocument: Activation of Source Types per Company Code":

CoCd	Source Type	A...
BE01	FI_INVOICE	✓
BE01	INV_VERIF	✓
BE01	SD_INVOICE	✓
BE01	SRC_FILE	✓

Define Interface Type per eDocument Type

For each company code and eDocument type combination, you define the interface type that the system uses for the generation of e-Documents as well as for sending to the ONESOURCE E-Invoice component.

Procedure

- Go to **EDOINTTYPEV** view using SM30. Choose new entries.
- Create an entry for each combination of company code and eDocument type.
- Save entries.

Example: For your company code (BE01: Belgium as example), maintain below entries. Assign Interface Type **Customer-specific** to all company code/ eDocument type combinations.

eDocument: Interface Type				
CoCd	eDocument ...	Type Description	Interface Type	
BE01	BE_CRE	Belgium Credit Note	Customer-specific	
BE01	BE_INV	Belgium eInvoice	Customer-specific	
BE01	BE_INVIN	Belgium Incoming eInvoice	Customer-specific	

Assign eDocument Type to Accounting Document Type

This configuration is maintained to trigger generation of e-Documents when an accounting document is created.

Procedure

- Search **T003EDOCV** view using SM30. Select Country/Region, Choose new entries.
- Create an entry for a Source document type assign eDocument type.
- Save entries.

Example: For country (BE: Belgium as example), maintain below entries.

Display View "eDocument: Assign eDocument Type to Accounting Document"

Country/Region

Type	Description	eDocume...	Type Description	Deviating eDoc. ...	Deviating eDoc. Type Descr.
AB	Accounting Document	BE_CRE	Belgium Credit Note		
DG	Customer Credit Memo	BE_CRE	Belgium Credit Note		
DR	Customer Invoice	BE_INV	Belgium eInvoice		
RV	Billing Doc.Transfer	BE_INV	Belgium eInvoice		

e-Document Process Setup for Country

As a prerequisite, you must assign eDocument Process to Ref process and country.

Procedure

- Call up transaction SM30.
- Enter **EDOPROCESSV** in the Table/View field. Choose Maintain.
- Choose New Entries.
- Enter eDoc process, reference Process and country.
- Create entries for other countries.
- Save your entries

Example

For customer electronic invoices, assign Ref. Proc. **ZTROEI**

For supplier electronic invoices, assign Ref. Proc. **ZTROEIIN**

Display View "eDocument Process": Overview				
eDocument Process				
eDoc. Process	Process Description	Ref. Proc.	Service	Country/Region
BEINV	Belgium EU eInvoice	ZTROEI	<input checked="" type="checkbox"/>	BE
BEINVIN	Belgium Incoming eInvoice	ZTROEIIN	<input checked="" type="checkbox"/>	BE

e-Document Technical Settings per Country

As a prerequisite, you must assign the Country code to class and customer usage.

Procedure

- Call up transaction SM30.
- Enter **EDOCOUNTRYTCH** in the Table/View field. Choose Maintain.
- Choose New Entries.
- For each country code, assign an eDocument class name that begins with '/TROSEI' and ends with the respective country code, such as 'BE'.
- Select the Proc Mgr checkbox.
- Save your entries

Example

Display View "eDocument: Technical Settings per Country": Overview of			
eDocument: Technical Settings per Country			
Ctry ISO	eDocument Class Name	Customer Usage Feature Default	Pro...
AU	/TROSEI/CL_EDOCUMENT_AU		<input checked="" type="checkbox"/>
BE	/TROSEI/CL_EDOCUMENT_BE		<input checked="" type="checkbox"/>
JP	/TROSEI/CL_EDOCUMENT_JP		<input checked="" type="checkbox"/>
PL	/TROSEI/CL_EDOCUMENT_PL		<input checked="" type="checkbox"/>

Custom Tables / Configuration


Define SD Document Types

As a prerequisite, you must define SD Document Types. This is required to map the invoice and credit memos type codes (as per table TVFK) defined in your system with the external values accepted by ONESOURCE E-Invoicing (OEI).

Procedure

- a. Call up transaction **/TROSEI/DOCTYP_SD**
- b. Choose New Entries.
- d. Create entries for allowed billing types.
- f. Save your entries

Example

<i>Display View "SD Doc Types": Overview</i>			
			
SD Doc Types			
	BillT	Transform	Comments
	F2	INV	INVOICE
	G2	CRN	CREDIT NOTE
	L2	DBN	DEBIT NOTE

Define FI Document Types

As a prerequisite, you must define FI Document Types. This is required to map the invoice and credit memos type codes (as per table T003) defined in your system with the external values accepted by ONESOURCE E-Invoicing (OEI).

Procedure

- a. Call up transaction **/TROSEI/DOCTYP_FI**
- b. Choose New Entries.
- d. Create entries for allowed document types.
- f. Save your entries

Example

<i>Display View "FI Doc Type": Overview</i>			
FI Doc Type			
	Type	Transform	Comments
	DG	CRN	CREDIT NOTE
	DR	INV	INVOICE
	DZ	PIN	PREPAYMENT





Define Tax Category for ONESOURCE E-Invoicing (OEI)

As a prerequisite, you must define Tax Category for ONESOURCE E-Invoicing (OEI). This is required to map the country/region specific tax category codes in your system to the ones required by ONESOURCE E-Invoicing (OEI).

Procedure

- a. Call up transaction **/TROSEI/TAXCATEGORY**
- b. Choose New Entries.
- d. Create entries for allowed procedures.
- f. Save your entries

Example

<i>Display View "Tax Category OEI": Overview of Selected Set</i>				
   				
Tax Category OEI				
	Proc.	Tx Description	OEI Tax	OEI Description
	0TXBE	00 Sale BE Exempt art. 44 BE VAT Code-0%	E	
	0TXBE	11 Sale BE goods and serv.-6%	S	
	0TXBE	12 Sale BE goods and serv.-12%	S	
	0TXBE	13 Sale BE goods and serv.-21%	S	

Define Unit of measure mapping to ONESOURCE E-Invoicing (OEI)

As a prerequisite, you must define Unit code for ONESOURCE E-Invoicing (OEI). This mapping is used to convert internal unit of measure code to ONESOURCE E-Invoicing (OEI) network code where your system units and ONESOURCE E-Invoicing (OEI) unit are not same.

Procedure

- a. Call up transaction **/TROSEI/UNITCODE**
- b. Choose New Entries.
- d. Create entries for system units of measure (MU) mapping to ONESOURCE E-Invoicing (OEI).
- f. Save your entries

Example

Display View "Unit code maintenace view": Overview



Unit code maintenace view			
	MU	OEI Unit	Measurement Unit Txt
	%	H93	%
	DR	DR	Drum
	EA	EA	each
	KG	KG	kg
	PC	H87	Piece

To review the list of Unit of Measure used by Pagero refer to [PUF Unit of Measure](#)





Define Customer Type

This setting is to identify your customers as either a "Business to Business" or "Business to Government" party.

Procedure

- Call up transaction **/TROSEI/CUSTTYPE**
- Choose New Entries.
- Create entries for Customers for each company code. Identify your customer as either "Business to Business" or Business to Government".
- Save your entries

Example

<i>Display View "Customer type Business Identifier": Overview</i>			
   			
Customer type Business Identifier			
CoCd	Customer	Cust Type	
2510	251000001	B2B Business To Business	▼
2510	251000002	B2G Business To Government	▼





Define Payment method mapping to ONESOURCE E-Invoicing (OEI)

As a prerequisite, you must define payment methods to ONESOURCE E-Invoicing (OEI). This value mapping to map the payment means defined in your system with the external values accepted by ONESOURCE E-Invoicing (OEI) standard UNCL4461 code list subset BII2.

Procedure

- a. Call up transaction **/TROSEI/PAYMENTMEANS**
- b. Choose New Entries.
- d. Create entries for allowed payment methods.
- f. Save your entries

Example

<i>Display View "Payment method": Overview</i>			
   			
Payment method			
Payment Type	Method	OEI Value	
CASH	M	10	
CHEQUE	C	20	
CUSTOMER COLLECTION - ...	D	1	
TRANSFER	T	30	

To review the list of payment methods used by Pagero refer to [PUF Payment Methods](#)

Reviewing E-Document Process Manager Configuration



The following section describes the process manager configuration that is required to be set up to work with the ONESOURCE™ E-Invoicing Integration for SAP S/4HANA. These configuration steps are covered by the transport object listed in [Importing Transport Objects](#). The configuration items listed here are for your review.



The E-document Process Manager controls the processing and status framework used by this integration. Any modifications to the ONESOURCE enabled process will affect the overall functionality of the solution. It is recommended that access to these configuration objects be restricted to resources having knowledge and expertise in this area.

EDoc. Process “ZTROEI” shown with Process Status to support the customer e-invoice processes and “ZTROEIIN” for buyer e-invoice processes.

e-Document Process Steps

As a prerequisite, you must define the process steps. This configuration is pre-defined and made available in your system through Transports. Do not make changes to this configuration, this is shown for reference only.


Procedure

- a. Call up transaction SM34.
- b. Enter EDOC_PROCMGR in the View Cluster field. Choose Display.

Example : EDoc. Process “ZTROEI” shown with Process Status

Example: EDoc. Process “ZTROEI” shown with Function.

Display View "eDocument Process Toolbar Function Assignment":



eDoc. Process	Pos	Func. Type	Function	Parent Funct
ZTROEI		0 Button	▼ SUBMIT	
ZTROEI	15	3 Separator	▼	
ZTROEI	20	0 Button	▼ CHECK_STATUS	
ZTROEI	23	3 Separator	▼	
ZTROEI	25	2 Menu	▼ MENU_DISPLAY	
ZTROEI	27	0 Button	▼ DISPLAY_EDOC	MENU_DISPL
ZTROEI	29	3 Separator	▼	
ZTROEI	40	2 Menu	▼ GOTO	
ZTROEI	42	0 Button	▼ DISPLAY_SOURCE	GOTO
ZTROEI	45	0 Button	▼ HISTORY	GOTO
ZTROEI	46	0 Button	▼ DISPLAY_APP_LOG	GOTO
ZTROEI	50	3 Separator	▼	
ZTROEI	60	2 Menu	▼ MORE	
ZTROEI	62	0 Button	▼ CANCEL	MORE
ZTROEI	65	3 Separator	▼	MORE
ZTROEI	67	0 Button	▼ DELETE	MORE
ZTROEI	68	3 Separator	▼	MORE
ZTROEI	69	0 Button	▼ ZTROEI_CANCEL	MORE

e-Document Function Codes for the Process Toolbar

As a prerequisite, you must define the function codes for the process Toolbar. This configuration is pre-defined and made available in your system through Transports. Do not make changes to this configuration, this is shown for reference only.

Procedure

- Search **EDOFUNCTIONV** view using SM30.
- Click Display

Example:

Display View "eDocuments: Function Codes for the Process Toolbar": Ove

eDocuments: Function Codes for the Process Toolbar						
Func. Type	Function	eDoc.Action	ID	Icon name	Text	Tooltip
Button	ACCEPT	ACCEPT		ICON_ALLOW	Accept	Accept eDocument
Button	ACCP_NFE	ACCP_NFE		ICON_ALLOW	Accept NF-e	Accept NF-e
Button	ALLOW_CANCEL	ALLOW_CANCEL		ICON_STORNO	Allow Cancellation	Allow Cancellation
Button	CANCEL	CANCEL		ICON_STORNO	Cancel	Cancel eDocument
Button	CHANGE_STATUS	CHANGE_STATUS		ICON_CHANGE_TEXT	Change Status Manually	Change Status Manually
Button	CHECK	CHECK		ICON_CHECK	Check	Check eDocument
Button	CHECK_GR_QTY	CHECK_GR_QTY		ICON_DELIVERY	Check Quantity	Check Quantity
Button	CHECK_STATUS	CHECK_STATUS		ICON_STATUS_OVERVIEW	Check Status	Check Status
Button	COMPLETE_MANUAL	COMPLETE_MANUAL		ICON_COMPLETE	Complete Manually	Complete Manually
Button	CONFIRM_CANCEL	CONFIRM_CANCEL		ICON_SET_STATE	Confirm Source Doc. Cancelled	Confirm Source Doc. Cancelled
Button	CONFIRM_GR	CONFIRM_GR		ICON_OKAY	Goods/Service Received	Confirm Goods/Service Receipt
Button	CONF_INV	CONF_INV		ICON_SET_STATE	Confirm	Confirm
Button	CONF_SENT_CUST	CONF_SENT_CUST		ICON_SET_STATE	Confirm Sent to Customer	Confirm Sent to Customer
Button	CONTINUE	CONTINUE		ICON_SYSTEM_REDO	Continue	Continue Process
Button	CREATE	CREATE		ICON_CREATE	Create	Create eDocument
Button	DELETE	DELETE		ICON_DELETE	Delete	Delete eDocument
Button	DISPLAY_APP_LOG	DISPLAY_APP_LOG		ICON_ERROR_PROTOCOL	Application Log	Application Log
Button	DISPLAY_DACTE	DISPLAY_DACTE		ICON_PDF	Display DACTE	Display DACTE
Button	DISPLAY_DANFE	DISPLAY_DANFE		ICON_PDF	Display DANFE	Display DANFE
Button	DISPLAY_EDOC	DISPLAY_EDOC		ICON_DISPLAY_TEXT	Display	Display/Preview XML
Button	DISPLAY_HTML	DISPLAY_HTML		ICON_HTM	Display HTML	Display HTML
Button	DISPLAY_INCOM	DISPLAY_INCOM		ICON_IE_RECEIPTS	Target Document	Target Document

e-Document Action Step

As a prerequisite, you must define the Action Step. This configuration is pre-defined and made available in your system through Transports. Do not make changes to this configuration, this is shown for reference only.

Procedure

- Search **EDOACTIONSTEPV** view using SM30.
- Click Display

Example: EDoc. Process "ZTROEI" shown with Action Step.

Display View "eDocument Action Step": Overview



eDocument Action Step							
eDoc. Pro...	eDoc.Action	Action Variant	Pr...	SequenceNo	Process St...	Proc.Step Variant	Incl.
ZTROEI	CANCEL		1	10	CANCEL		<input type="checkbox"/>
ZTROEI	CHECK_STATUS		1	10	CHECK_STAT		<input type="checkbox"/>
ZTROEI	CREATE		1	10	CREATE		<input type="checkbox"/>
ZTROEI	CREATE	HOOK	1	10	CREATE	HOOK	<input type="checkbox"/>
ZTROEI	DELETE		1	10	DELETE		<input type="checkbox"/>
ZTROEI	RESUBMIT		1	10	RESTART		<input type="checkbox"/>
ZTROEI	RESUBMIT		1	20	REQ_SEND		<input type="checkbox"/>
ZTROEI	RESUBMIT		1	30	TRIGG_SEND		<input type="checkbox"/>
ZTROEI	SUBMIT		1	10	REQ_SEND		<input type="checkbox"/>
ZTROEI	SUBMIT		1	20	TRIGG_SEND		<input type="checkbox"/>
ZTROEI	ZTROEI_CANCEL		1	10	TROEI_CANC		<input type="checkbox"/>

e-Document Process Step Determination

As a prerequisite, you must define the process step determination. This configuration is pre-defined and made available in your system through Transports. Do not make changes to this configuration, this is shown for reference only.

Procedure

- Search **EDOPROCSTEPDETV** view using SM30.
- Click Display

Example: eDoc. Process "ZTROEI" shown with process Step.

Display View "Process Step determ.: interface shall execute this step"							
Process Step determ.: interface shall execute this step							
eDoc. Process	Vers	Interface ID	eDoc Type	Source Type	Process Step	Direction	Interface Description
ZTROEI	1	UBL_GET_RESPONSE_RE...	AU_CRE		GET_MDN_R	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	UBL_GET_RESPONSE_RE...	AU_INV		GET_MDN_R	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	UBL_GET_RESPONSE_RE...	BE_CRE		GET_MDN_R	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	UBL_GET_RESPONSE_RE...	BE_INV		GET_MDN_R	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	UBL_GET_RESPONSE_RE...	JP_CRE		GET_MDN_R	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	UBL_GET_RESPONSE_RE...	JP_INV		GET_MDN_R	I Inbound	▼ UBL Credit Note Transmission

e-Document Process Step Interface Determination

As a prerequisite, you must define the process step interface determination. This configuration is pre-defined and made available in your system through Transports. Do not make changes to this configuration, this is shown for reference only.

Procedure

- Search **EDOPROCSPINTDETV** view using SM30.
- Click Display

Example: EDoc. Process "ZTROEI" shown with process Step Interface.

Display View "Process Step Interface determination": Overview								
Process Step Interface determination								
eDoc. Process	Vers	Process Step	eDoc Type	Source Type	Proc.Step ...	Interface ID	Direction	Interface Description
ZTROEI	1	GET_MDN_R	AU_CRE			UBL_GET_RESPONSE_RESPONSE	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	GET_MDN_R	AU_INV			UBL_GET_RESPONSE_RESPONSE	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	GET_MDN_R	BE_CRE			UBL_GET_RESPONSE_RESPONSE	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	GET_MDN_R	BE_INV			UBL_GET_RESPONSE_RESPONSE	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	GET_MDN_R	JP_CRE			UBL_GET_RESPONSE_RESPONSE	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	GET_MDN_R	JP_INV			UBL_GET_RESPONSE_RESPONSE	I Inbound	▼ UBL Credit Note Transmission
ZTROEI	1	REQ_SEND	AU_CRE			UBL_CREDIT_NOTE_TRANSM	O Outbound	▼ UBL Credit Note Transmission
ZTROEI	1	REQ_SEND	AU_INV			UBL_INVOICE_TRANSM	O Outbound	▼ UBL Invoice Transmission
ZTROEI	1	REQ_SEND	BE_CRE			UBL_CREDIT_NOTE_TRANSM	O Outbound	▼ UBL Credit Note Transmission
ZTROEI	1	REQ_SEND	BE_INV			UBL_INVOICE_TRANSM	O Outbound	▼ UBL Invoice Transmission
ZTROEI	1	REQ_SEND	JP_CRE			UBL_CREDIT_NOTE_TRANSM	O Outbound	▼ UBL Credit Note Transmission
ZTROEI	1	REQ_SEND	JP_INV			UBL_INVOICE_TRANSM	O Outbound	▼ UBL Invoice Transmission

Define ONESOURCE E-Invoicing (OEI) Schema

As a prerequisite, you must define ONESOURCE E-Invoicing (OEI) Schema. This configuration is pre-defined and made available in your system through Transports. Do not make changes to this configuration, this is shown for reference only.

Procedure

- Call up transaction **/TROSEI/SCHEMA**
- Display the entries

Example

Display View "OEI Schema": Overview		
OEI Schema		
C/R	Schema ID	OEI ID
BE	ACCOUNTINGCUSTOMERPARTY-PARTYIDENTIFICATIONID-SCHEMEID	0088
BE	ACCOUNTINGCUSTOMERPARTY-PARTYLEGALENTITIES-SCHEMEID	0088
BE	ACCOUNTINGCUSTOMERPARTY-PARTYTAXSCHEMES-TAXSCHEMEID	VAT
BE	ACCOUNTINGSUPPLIERPARTY-PARTYIDENTIFICATIONID-SCHEMEID	0088
BE	ACCOUNTINGSUPPLIERPARTY-PARTYLEGALENTITIES-SCHEMEID	0088
BE	ACCOUNTINGSUPPLIERPARTY-PARTYTAXSCHEMES-TAXSCHEMEID	VAT
BE	BUYERCUSTOMERPARTY-PARTYIDENTIFICATIONID-SCHEMEID	0088
BE	BUYERCUSTOMERPARTY-PARTYLEGALENTITIES-SCHEMEID	0088
BE	BUYERCUSTOMERPARTY-PARTYTAXSCHEMES-TAXSCHEMEID	VAT
BE	DELIVERIES-DELIVERYLOCATION-ID-SCHEMEID	0088
BE	DOCUMENTLINES-ITEM-CLASSIFIEDTAXCATEGORIES-TAXSCHEMEID	VAT
BE	DOCUMENTLINES-ITEM-STANDARDITEMIDENTIFICATION-SCHEMEID	0088
BE	DOCUMENTLINES-TAXTOTALS-TAXSUBTOTALS-TAXSCHEMEID	VAT
BE	TAXTOTALS-TAXSUBTOTALS-TAXCATEGORIES-TAXSCHEMEID	VAT

Define ONESOURCE E-Invoicing (OEI) Tax Schema

As a prerequisite, you must define ONESOURCE E-Invoicing (OEI) Tax Schema. This configuration is pre-defined and made available in your system through Transports. Do not make changes to this configuration, this is shown for reference only.

Procedure

- Call up transaction **/TROSEI/TAXSCHMA**
- Display Entries

Example

<i>Display View "OEI Tax Schema": Overview of Selected Set</i>	
OEI Tax Schema	
OEI ID	Description
0088	BELGIUM
VAT	VALUE ADDED TAX.


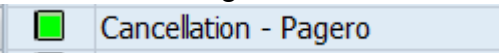
To review the list of Tax Schema used by Pagero refer to [PUF Tax Schema](#)

Statuses and Error Handling

This section lists all the possible statuses and required error handling steps to be taken to address the errors for Accounts Receivable e-invoice processing.

ONESOURCE E-invoicing processes and statuses

Action	Initial Status	Possible Status (any of the below)
Submit	Created	<div>Delivered to OEI Delivered to OEI</div> <div>OEI Error: Refer File Column OEI Error: Refer File Column</div>
Check Status	Delivered to OEI	<div>INP – In Progress Pagero In Progress - Pagero</div> <div>SUB – Successful submission by Pagero Successfully submitted-Pagero</div>

		<ul style="list-style-type: none"> • ERR 
TROEI Cancellation	ERR – Pagero	Cancellation Pagero 

Error Statuses and Handling

This section lists out the Error Statuses and Handling processes for Customer electronic invoices.


Action	Allowed Action	Final Status	Description
Created	More -> Cancel eDocument	Cancelled	Refer to section Cancellations from SAP
“OEI Error” Refer File Column	More -> Cancel eDocument	Cancelled	Refer to section Cancellations from SAP
Error: Pagero	More -> TROEI Cancellation	Cancellation - Pagero	Refer to section Cancellations from Thomson Reuters ONESOURCE E-Invoicing (OEI)

Cancelling Electronic Documents (Seller)

Cancellations from SAP for invoices not yet sent to OEI

Cancellation of electronic documents, such as electronic invoices or credit memos in SAP which **were not sent to ONESOURCE E-Invoicing (OEI)** yet. You can only cancel electronic documents (eDocuments) if they are in any of the following statuses:

1. **Status: Created**

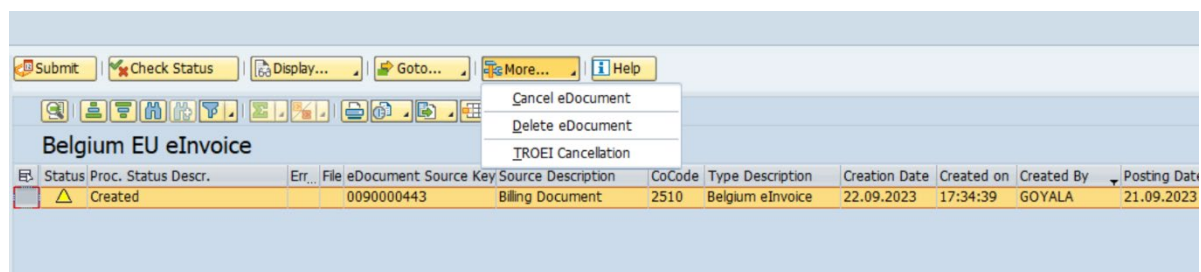
Initial Status	Action Allowed	Final Status
Created	More > Cancel eDocument	Cancelled  Cancelled

Do the following to Cancel:

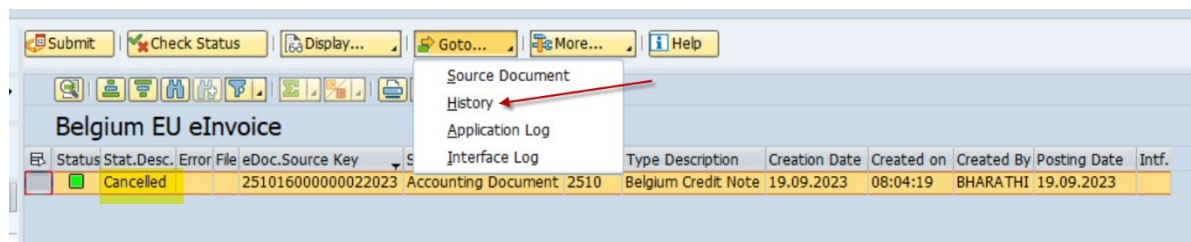
- Call up transaction EDOC_COCKPIT
- Choose respective e invoice process on left side.
- Select one or more eDocuments and choose More => Cancel eDocument.

The system cancels the electronic document. To keep the data consistent in your system, ensure that you reverse or cancel the corresponding source document manually.

Before Cancellation:




After Cancellation: Select the line, Click Goto -> History



Document Log: Showing Process Status first as CREATED and then CANCELLED

eDocument History														
eDocument GUID	SequenceNo	CoCode	C/R	Source Type	eDocument Source Key	eDocType	Process Status	Changed By	Changed On	Cha.Time	Process	Ref. Proc.	Last Step	Variant
0E8978F126881EDE95D8644098AD4352	1	2510	BE	FI_INVOICE	251016000000022023	BE_CRE	CREATED	BHARATHI	19.09.2023	08:04:19	BEINV	EUIINV	CREATE	HOOK 1 X
0E8978F126881EDE95D8644098AD4352	2	2510	BE	FI_INVOICE	251016000000022023	BE_CRE	CANCELLED	LIZAK	20.09.2023	19:06:03	BEINV	EUIINV	CANCEL	1 X

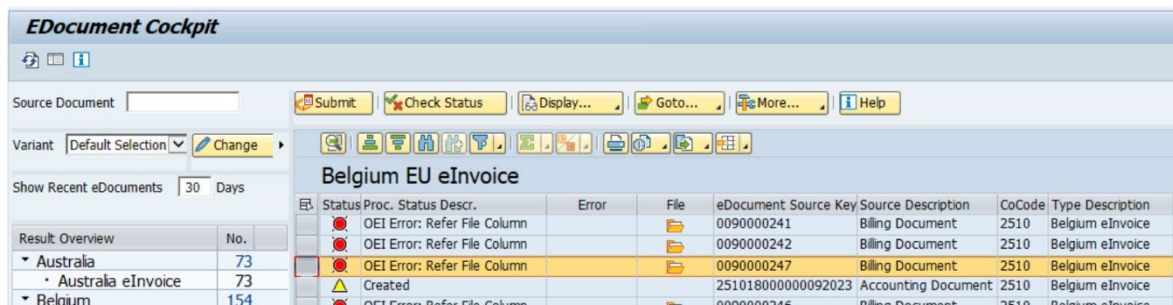
2. Status: “OEI Error” Refer File Column

Initial Status	Action Allowed	Final Status
“OEI Error” Refer File Column	More > Cancel eDocument	Cancelled  Cancelled

For this status electronic documents haven’t been received by the ONESOURCE E-Invoicing (OEI) system due to error. To view the error, Select the line and double click icon in “File” Column. This will open the .xml file, scroll down to see the error.

Example: Against eDocument “0090000247” the address of customer is incomplete.

Resolution: Cancel the document by selecting the line and hit More-> Cancel eDocument. The final status would be Cancelled.



The screenshot shows the 'EDocument Cockpit' interface. On the left, there's a sidebar with 'Source Document' and 'Variant' fields. The main area displays a table titled 'Belgium EU eInvoice'. The table has columns: Status Proc., Status Descr., Error, File, eDocument Source Key, Source Description, CoCode, and Type Description. One row is highlighted in yellow, showing an 'OEI Error: Refer File Column' for eDocument Source Key '0090000247'. Below the table, there's a 'Result Overview' section showing a summary of documents by country (Australia, Belgium) and type (eInvoice).

Status Proc.	Status Descr.	Error	File	eDocument Source Key	Source Description	CoCode	Type Description
●	OEI Error: Refer File Column			0090000241	Billing Document	2510	Belgium eInvoice
●	OEI Error: Refer File Column			0090000242	Billing Document	2510	Belgium eInvoice
●	OEI Error: Refer File Column			0090000247	Billing Document	2510	Belgium eInvoice
▲	Created			251018000000092023	Accounting Document	2510	Belgium eInvoice

Result Overview	No.
▼ Australia	73
• Australia eInvoice	73
▼ Belgium	154


```

</TELEPHONE/>
<ELECTRONICMAIL/>
</CONTACT>
</RECEIVERPARTY>
- <DOCUMENTRESPONSES>
  - <item>
    <RESPONSECODE>ERR</RESPONSECODE>
    - <STATUSES>
      - <item>
        <REASONCODE>BAD_REQUEST</REASONCODE>
        - <REASON>
          - <item>
            <DESCRIPTION>deliveries[0].deliveryLocation.address.postalZone: Is a required field, cannot be null.</DESCRIPTION>
          </item>
          - <item>
            <DESCRIPTION>deliveries[0].deliveryLocation.address.countryIdentificationCode: Is a required field, cannot be null.</DESCRIPTION>
          </item>
          - <item>
            <DESCRIPTION>deliveries[0].deliveryLocation.address.streetName: Is a required field, cannot be null.</DESCRIPTION>
          </item>
          - <item>
            <DESCRIPTION>deliveries[0].deliveryLocation.id: Is a required field, cannot be null.</DESCRIPTION>
          </item>
          - <item>
            <DESCRIPTION>deliveries[0].deliveryLocation.address.addressLines[0].line: Is a required field, cannot be null.</DESCRIPTION>
          </item>
          - <item>
            <DESCRIPTION>deliveries[0].deliveryLocation.address.cityName: Is a required field, cannot be null.</DESCRIPTION>
          </item>
        </REASON>
      </item>
    </STATUSES>
  </item>
</DOCUMENTRESPONSES>

```

Cancelling invoices from SD/FI already sent to buyer

1. SD Billing Documents

You want to cancel an electronic document that has already been received by the customer. You must create a SD credit memo.


2. FI Billing Documents

You want to cancel an electronic document that has already been received by the customer. You must create a credit memo.

Cancellations from Thomson Reuters ONESOURCE E-Invoicing (OEI)

1. Status: “Error: Pagero” Refer File Column

Cancellation of electronic documents, such as electronic invoices or credit memos from ONESOURCE E-Invoicing (OEI) that has been sent to Pagero, however it has failed validations from Pagero. You can only cancel electronic documents (eDocuments) if they are in any of the following statuses:

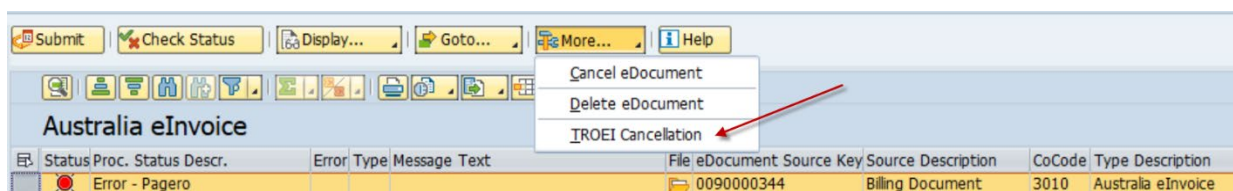
Initial Status	Action Allowed	Final Status
Error: Pagero	More -> TROEI Cancellation	Cancellation - Pagero  Cancellation - Pagero

Do the following to Cancel:

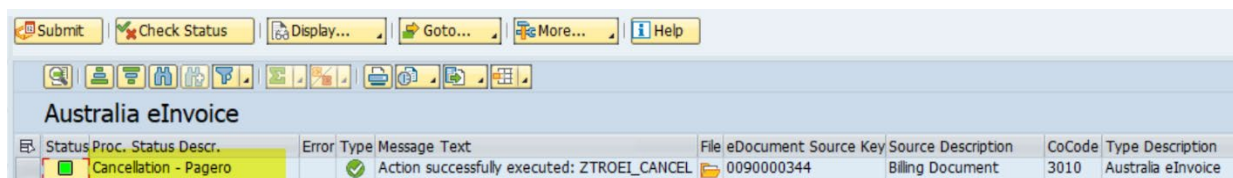
- a. Call up transaction EDOC_COCKPIT
- b. Choose respective e invoice process on left side.
- d. Select one or more eDocuments and choose More => TROEI Cancellation.

The system cancels the electronic document. To keep the data consistent in your system, ensure that you reverse or cancel the corresponding source document manually.


















































Before Cancellation:



After Cancellation: Select the line, Click Goto -> History



Document Log: Showing Process Status first as CREATED and then ERR_PAGERO and finally CAN_PAGERO

E-Document History																		
<div><div></div></div>																		
eDocument GUID	SequenceNo	CoCode	C/R	Source Type	eDocSrcKey	eDocType	Process Status	Changed By	Changed On	Cha.Time	Process	Ref. Proc.	Last ProcStep	Variant	Vers	Stat	Overv	In
0E8978F126881EDE95F80C3783D12352	1	3010	AU	SD_INVOICE	0090000344	AU_INV	CREATED	LIZAK	20.09.2023	14:17:16	AUINV	ZTR_EUINV	CREATE	HOOK	1	X		
0E8978F126881EDE95F80C3783D12352	2	3010	AU	SD_INVOICE	0090000344	AU_INV	SEND_REQ	LIZAK	20.09.2023	14:17:39	AUINV	ZTR_EUINV	REQ_SEND			1	XX	
0E8978F126881EDE95F80C3783D12352	3	3010	AU	SD_INVOICE	0090000344	AU_INV	ACCEPTED	LIZAK	20.09.2023	14:17:40	AUINV	ZTR_EUINV	GET_MDN_R			1	XX	X
0E8978F126881EDE95F80C3783D12352	4	3010	AU	SD_INVOICE	0090000344	AU_INV	ERR_PAGERO	LIZAK	20.09.2023	14:34:04	AUINV	ZTR_EUINV	CHECK_STAT			1	XX	X
0E8978F126881EDE95F80C3783D12352	5	3010	AU	SD_INVOICE	0090000344	AU_INV	ERR_PAGERO	GOYALA	26.09.2023	17:13:11	AUINV	ZTR_EUINV	CHECK_STAT			1	XX	X
0E8978F126881EDE95F80C3783D12352	6	3010	AU	SD_INVOICE	0090000344	AU_INV	CAN_PAGERO	GOYALA	26.09.2023	17:13:19	AUINV	ZTR_EUINV	TROEL_CANC			1	XX	X

Appendix (Country Specific)

Japan OSS Notes

In your SAP S/4HANA system, you may find that implementation of the e-invoice solution requires additional OSS notes to be implemented for Japan. We have listed

here the known OSS notes that are required, however there may be additional notes that are not identified.

Note Number	Short Text
3071425	eDocument EU: Corrections
3085941	eDocument EU: Corrections
3109533	eDocument EU: Corrections
3109609	eDocument EU: Interface Connector BAdI Filter
3119850	eDocument EU: Prerequisite for SAP Note 3109533
3134550	eDocument EU: Corrections
3170418	eDocument EU: Corrections
3181533	eDocument EU: Prerequisite for SAP Note 3134550
3210223	eDocument EU: Corrections
3247510	eDocument EU: Prerequisite for SAP Note 3210223
3270592	eDocument Japan - eInvoicing