

# ONESOURCE E-INVOICING RELEASE NOTES

R1.2 – 29<sup>TH</sup> MAR 2024



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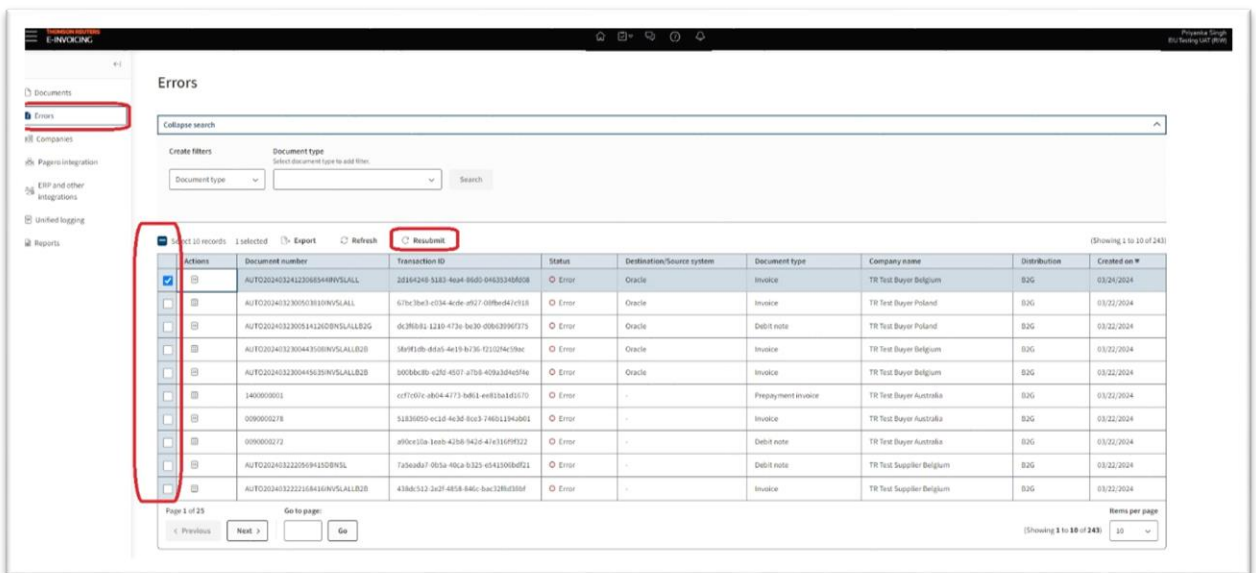
# ERROR HANDLING

**Error Handling Capabilities:** Introducing enhanced Error handling capabilities to streamline transaction management and resolution. Users can now efficiently navigate errors, access detailed process log, and resubmit transactions seamlessly within a dedicated Errors navigation menu.

**a) Key Features:**

- i) **Dedicated Error Navigation Menu:** Accessible via the "Error" navigation menu, providing a centralized hub for error management.
- ii) **Error Grid:** A comprehensive table mirroring document transactions, aiding users in identifying and managing errors effectively.
- iii) **Detailed Process Log:** Users can view detailed process logs for selected transactions, offering insights into error origins and resolution paths.
- iv) **Efficient Transaction Resubmission:** Users can easily select and resubmit specific transactions using select all checkbox. Facilitate resubmission at both row and grid levels, providing flexibility in error resolution workflows.
- v) **Flexible Filtering Options:** Apply date filters and additional search criteria to refine error displays, ensuring users can focus on relevant transactions efficiently.
- vi) **Pagination Support:** Seamlessly navigate through multiple pages of errors with built-in pagination controls, accommodating scenarios where the error count exceeds display limits.
- vii) **Export Functionality:** Enable users to export error data for further analysis or reporting purposes.

**b) How to Access:** Navigate to the "Error" menu within the application to access the Error Handling capabilities.



## EXTERNAL SYSTEMS

**Ability to Support AP Transactions - Multiple External Systems:** This release introduces the capability to support multiple external systems for Accounts Payable (AP) transactions in JSON/XML format. Users can now configure and define more than one external receiving systems, in addition to existing SAP and Oracle Integration settings, within the ERP and Other Integrations navigation. This enhancement allows users to share AP files in JSON and XML formats directly to customer locations, streamlining the integration process without requiring a dedicated integration layer. In addition, it allows users to assign ERP or multiple external receiving systems to specific legal entities as needed.

a) **Key Features:**

- i) **Addition of External Receiving System:** Users can now define multiple external receiving systems to receive AP documents alongside existing ERP integrations.
  - ii) **Configurable JSON/XML Format:** AP transaction files can be transmitted in configurable JSON/XML formats to suit diverse system requirements.
  - iii) **Streamlined Setup Process:**
    - From the "ERP Integrations" page, users can easily add external receiving systems by filling a form.
    - The form includes fields to input necessary information such as system name, type, and other required details.
    - Users have the option to save or cancel their inputs directly from the form.
  - iv) **Flexible Navigation:** After saving the information, users seamlessly transition to the next page where they can view ERP settings in grid view and add more external receiving systems if needed.
  - v) **Legal Entity Allocation:** Users can assign legal entities to respective ERP and external receiving systems effortlessly from the ERP integration's "Company Assignment" page/Tab.
- b) **How to Access:** Navigate to the "ERP and Other Integrations" section within the application to access the new functionality for supporting multiple external systems for AP transactions.





## MULTIPLE AUTHENTICATION

**Support for Multiple Authentication:** Introducing the capability to support multiple authentication methods within the ERP integration module, specifically focusing on the SAP and External System integration page. Users now have the flexibility to assign authentication configurations to SAP and External legal entities in OEI, choosing between Basic and OAuth2 authentication processes. This enhancement simplifies the authentication setup process, enabling users to enter necessary details effortlessly and efficiently manage authentication types for each legal entity.

a) **Key Features:**

i) **Authentication Configuration Section:**

- A new section for authentication configurations is available on the SAP and External system integration page.

ii) **Flexible Authentication Options:**

- Users can choose between Basic and OAuth2 authentication processes.
- For Basic authentication, users input Username, Password, and URL.
- For OAuth2 authentication, users provide Token Name, Grant Type, Access Token URL, Client ID, Client Secret, Username, Password, and URL. Default Grant Type is set to "Client Credentials."

iii) **Authentication Type Selection:**

- Users can select either Basic or OAuth2, authentication processes for a legal entity.
- A fourth column named "Authentication Type" is displayed under the legal entity grid, where users can see the authentication type for each legal entity.

iv) **Token Validity Configuration:**

- Users can store configuration for CSRF token validity in Basic authentication and Access Token validity in OAuth2 authentication.
- New fields named "CSRF Token Validity" and "Access Token Validity" allow users to specify token expiry frequency in free fields.
- The selected value reflects under both Basic and OAuth2 authentication forms.

b) **How to Access:** Navigate to the SAP/External integration page within the ERP integration module to access the new authentication configuration section. From there, users can set up authentication options and manage authentication types for SAP/External legal entities.



The screenshot shows the Thomson Reuters E-Invoicing configuration interface. The left sidebar contains navigation options: Documents, Errors, Companies, Pagero integration, ERP and other integrations (highlighted with a red box), Unified logging, and Reports. The main form area includes the following fields:

- System name\***: Enter a system name. Value: SAP Basic
- System type\***: Select a system type. Value: SAP
- Authentication type\***: Select an authentication type. Options:  Basic authentication,  OAuth2 authentication (highlighted with a red box)
- CSRF token validity frequency\***: Default frequency is every 1800 seconds (30 minutes). Adjust frequency in seconds. Value: 1800
- Username\***: Enter a username. Value: bharathi
- Password\***: Enter a password. Value: [Redacted]
- System site\***: Enter a system site URL in www.name.com format. Value: https://hs4hanaapp.int.thomsonreuters.com:8443/sap/opu/odata/TROSEI/EINV\_PROJ\_SI

Buttons: < Back, Save

## REPORTING

**Data Reconciliation Report:** Introducing the Data Reconciliation Report, a powerful tool for OEI users responsible for VAT & GST return reconciliations. This feature provides comprehensive transaction details including Tax Amount, Net Amount, Document Number/ID, Tax Jurisdiction, and more. Initially covering header-level information, with anticipated expansion to line-level details in future iterations, the report enhances transparency and accuracy in transaction reconciliation.

Please note that there will be a patch fix to this report on April 5<sup>th</sup> (TBC) which will populate the Tax amount and Net amount fields from the ERP.

This report will be enhanced based on customer feedback so please do discuss with a member of the ONESOURCE team and we can incorporate the feedback in future releases.

### a) Key Features:

#### 1. Streamlined Report Generation:

- Users can easily navigate to the "Data Reconciliation Report" option within the OEI interface.
- Upon selection, users are prompted to specify a date range for the report.

#### 2. Comprehensive Data Export:

- With a simple click, users can generate a CSV file containing essential header-level and line level details for the specified date range.
- The exported CSV includes Tax Amount, Net Amount, Document Number/ID, Tax Jurisdiction, and other relevant document grid fields.

#### 3. Export Queue:

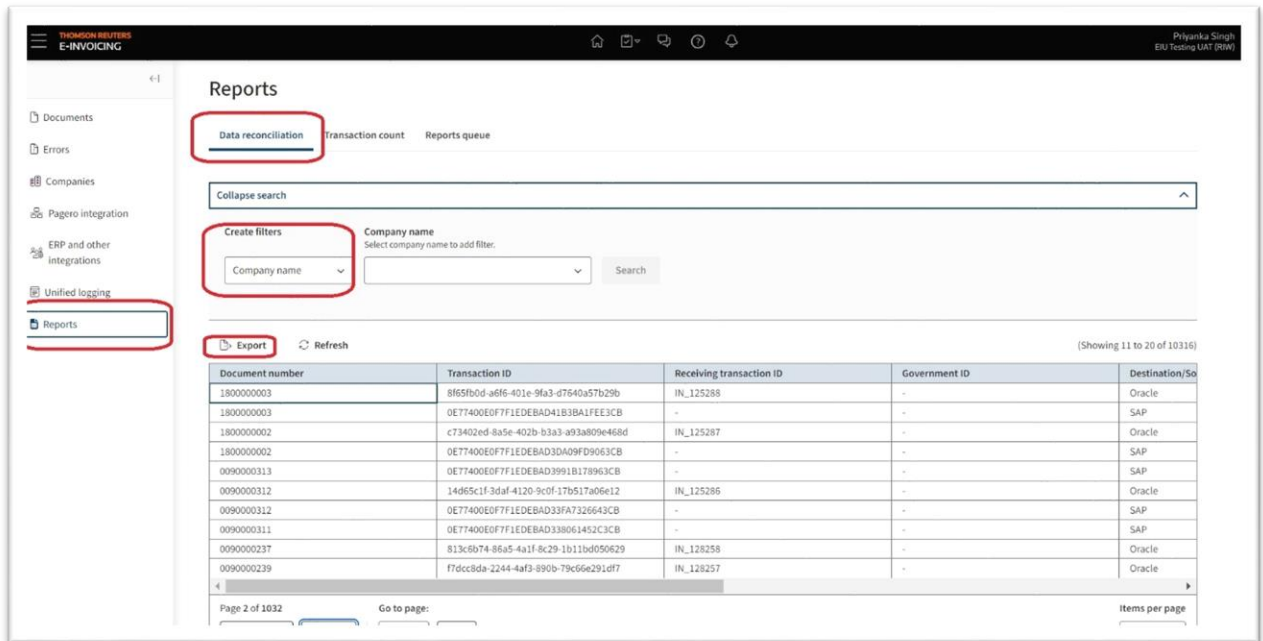
- Users can download the export file from the Export Queue tab once the file is ready for download.

### b) How to Access:

Navigate to the OEI interface, navigate to "Reports" menu and locate the "Data Reconciliation" option. Select the desired date range for the transactions to reconcile and initiate the



report generation. Download the CSV file containing comprehensive transaction details for thorough reconciliation.



**Transaction Count Report:** Introducing the Transaction Count Report, providing essential insights into the number of transactions executed within a specified period. This feature caters to users responsible for billing in OEI reconciliation, enabling accurate billing by considering both Accounts Payable (AP) and Accounts Receivable (AR) transactions, regardless of their success or error status. The report calculates transactions based on predefined criteria, ensuring comprehensive coverage.

a) **Key Features:**

1. **Accessing the Report:**

- Users can easily navigate to the "Report" section within the application's left-side navigation.
- Access the "Report Page" to initiate the transaction count report generation.

2. **Report Configuration:**

- Choose the "Transaction Count" report type to specify transaction count details.
- Select the desired date range option: per month, last 6 months, or define a custom date filter.

3. **Generating the Report:**

- Click on the "Search" button to initiate the report generation process.

4. **Viewing Report Details:**

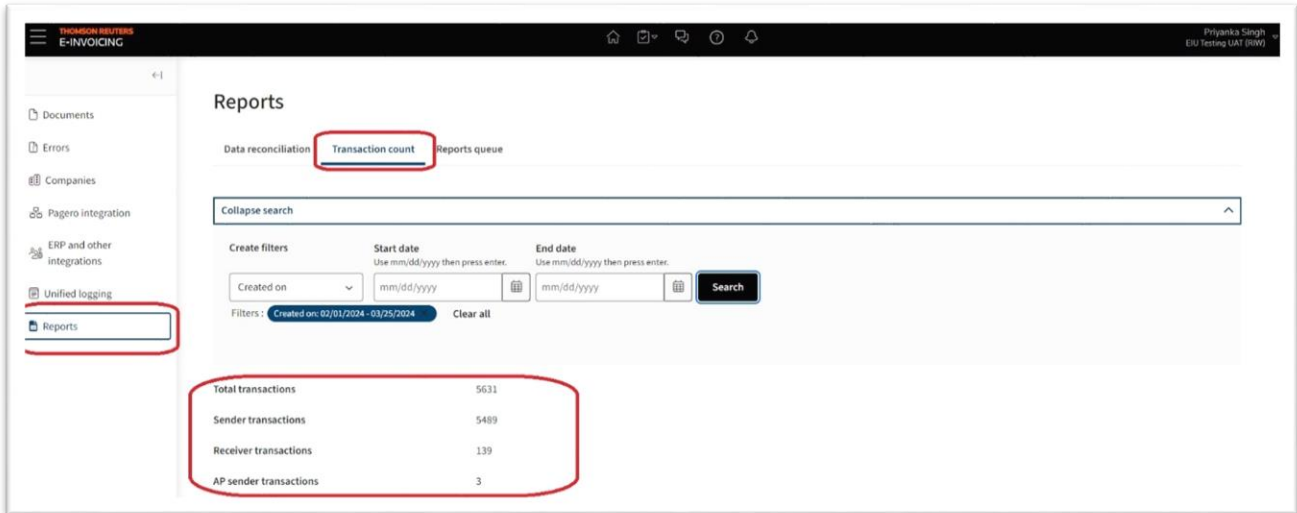
- The generated report provides a breakdown of transactions for the selected period: Shown sample data below.
  - Total Transactions: 2000
  - Sender Transactions (AR): 1000
  - Receiver Transactions (AP): 800
  - AP Sender Transactions (Italy): 200

b) **Additional Notes:**



a) **Tenant-Level Report:** This report is available at the tenant level, ensuring comprehensive visibility across the organization.

c) **How to Access:** Navigate to the "Report" section and select the "API Billing Account Management" report type. Configure the desired date range and submit the report to view transaction count details.



## USER INTERFACE ENHANCEMENT

**Enhancements in Document Grid:** This release introduces several enhancements to the Document Grid, enriching document management capabilities and improving user experience. Key improvements include displaying date and time stamps in the process log, adding a Government ID column for accounts receivable transactions, and introducing destination/source system display and filtering options for both accounts payable and accounts receivable transactions.

a) **Key Enhancements:**

1. **Process Log Timestamp:**

- Date and time stamps are now displayed in the Documents' process log, enhancing transparency and accountability in document processing.

2. **Government ID Column (AR):**

- A new Government ID column is added to the document grid for accounts receivable transactions, providing users with additional clarity and context.

3. **Destination/Source System Display (AP & AR):**

- Destination/source system information is now visible in the Documents grid for both accounts payable and accounts receivable transactions, improving data visibility and analysis.

4. **Filtering Options:**

- Filtering options based on destination/source systems are introduced, allowing users to streamline data analysis and focus on specific transaction types more efficiently.

b) **How to Access:** Users can access these enhancements directly within the Document Grid interface. Simply navigate to the Documents section to experience the improved functionalities.



THOMSON REUTERS E-INVOICING

Priyanka Singh EUU Testing UAT (R/W)

Documents

Errors

Companies

Pagero integration

ERP and other integrations

Unified logging

Reports

Collapse search

Create filters Government ID  
Type filter text and press enter.

Government ID  Search

Export Refresh (Showing 11 to 20 of 10195)

Document number	Transaction ID	Receiving transaction ID	Government ID	Destination/Source system	Document
AUTO20240324123068544INVSLLALL	2d164248-5183-4ea4-86d0-0463534bf0d8	IN_164198	-	Oracle	Invoice
230320240002	230320240002	-	-	Oracle	Invoice
POLAND0001	51f01028-7cc3-45e5-9af3-e9edcd06e185	IN_164182	-	Oracle	Invoice
230320240001	4bc5b0ea-cd6f-49de-ae19-2879b54c4f54	IN_164180	-	Oracle	Invoice
230320240001	230320240001	-	-	Oracle	Invoice
AUTO2024032300503810INVSLLALL	67bc3be3-c034-4cde-a927-08fbed47c918	IN_164191	-	Oracle	Invoice
AUTO2024032300514126DBNSLALLB2G	dc3f6b81-1210-473e-be30-d0b63996f375	IN_164192	-	Oracle	Debit note
AUTO2024032300514126DBNSLALLB2G	2024032300514126	-	-	Oracle	Debit note
AUTO2024032300503810INVSLLALL	2024032300503810	-	-	Oracle	Invoice
AUTO2024032300443508INVSLLALLB2B	5fa9f1db-dda5-4e19-b736-f2102f4c59ac	IN_164189	-	Oracle	Invoice

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Create filters Government ID  
Type filter text and press enter.

Government ID  Search

Export Refresh

Actions	Document number	Transaction ID	Receiving transaction ID	Government ID
	AUTO20240324123068544INVSLLALL	2d164248-5183-4ea4-86d0-0463534bf0d8	IN_164198	-
	230320240002	230320240002	-	-
	POLAND0001	51f01028-7cc3-45e5-9af3-e9edcd06e185	IN_164182	-
	230320240001	4bc5b0ea-cd6f-49de-ae19-2879b54c4f54	IN_164180	-
	230320240001	230320240001	-	-
	AUTO2024032300503810INVSLLALL	67bc3be3-c034-4cde-a927-08fbed47c918	IN_164191	-
	AUTO2024032300514126DBNSLALLB2G	dc3f6b81-1210-473e-be30-d0b63996f375	IN_164192	-
	AUTO2024032300514126DBNSLALLB2G	2024032300514126	-	-
	AUTO2024032300503810INVSLLALL	2024032300503810	-	-
	AUTO2024032300443508INVSLLALLB2B	5fa9f1db-dda5-4e19-b736-f2102f4c59ac	IN_164189	-

**Log for TR Test Buyer Belgium**

AUTO20240324123068544INVSLLALL | Receiver

Status: Error

Description: Sender not found. Contact your ERP support team. ONESOURCE E-Invoicing will try again later.

Activity

Ordered: newest to oldest

- ERP system - ORACLE
  - Sender not found. Contact your ERP support team. ONESOURCE E-Invoicing will try again later.
    - Monday, March 25, 2024 9:00 a.m. (UTC)
- ONESOURCE E-Invoicing
  - Document received from Pagero.
    - Sunday, March 24, 2024 12:35 p.m. (UTC)
- Pagero
  - Document submitted.
    - Sunday, March 24, 2024 12:35 p.m. (UTC)



## CLEARANCE COUNTRY MANDATE SUPPORT

In this release, OEI supports the clearance model country mandates, with country specific localisation for Italy.

### ITALY AP OUTBOUND

In this release OEI supports the clearance model for Italy so customers can comply with the current mandates. This feature ensures efficient AP data flow among ERP, OEI, and Pagero systems. This feature combines the creation of an Italy Invoice report for AP cross-border transactions. Additionally, it involves UI adjustments to reflect AP outbound processes, including enhancements to the process log and clearance status display, providing users with improved visibility and usability.



## SAP S/4HANA

This section lists out the enhancements supported in this release for the SAP S/4HANA integration to ONESOURCE E-Invoicing solution.

### SUPPORT FOR ITALY (CLEARANCE MODEL)

- New standard Mappings are supported – Company Registration Data, Tax Chargeability Indicators, Stamp Duty
- New Status Codes are supported – CCA and DDP

### ABILITY TO DYNAMICALLY MAP SAP FIELDS TO OEI FOR OUTBOUND PROCESS VIA DYNAMIC FIELD MAPPER

With this release, a Flexible Field Mapping feature has been introduced, allowing for the mapping of SAP fields to the target structure of the ONESOURCE E-Invoice Outbound payload without the necessity of writing custom code.

### REDEFINE CANCELLATION AND ERROR HANDLING PROCESS FOR OUTBOUND E-INVOICE (AR)

Additional support documentation and clarifications have been provided regarding cancellation and other error handling processes.

### ABILITY TO SUPPORT COUNTRIES NOT YET IN SAP SCOPE VIA CUSTOM E-DOCUMENT TYPES

For countries not currently covered by the standard SAP E-invoice framework, additional documentation has been supplied outlining the necessary configuration. Leveraging the SAP e-document framework alongside the Thomson Reuters E-Invoice solution for SAP S/4HANA, seamless support for additional countries can be readily facilitated through the adaptation of these configurations.

### ABILITY TO SUBMIT BUSINESS REPONSES FOR INBOUND E-INVOICE (AP)

With this release, the capability has been introduced to communicate acceptance or rejection statuses back to OEI and Pagero for subsequent processing.



## ABILITY TO SUPPORT OAUTH2 AUTHENTICATION FOR AP ODATA SERVICE VIA SAP CLOUD INTEGRATION

Additional support has been incorporated for OAUTH2 Authentication to facilitate the reception of Accounts Payable (AP) Inbound E-invoices into SAP through SAP Cloud Integration Flows..



## ORACLE UPDATES

Thomson Reuters is pleased to provide a new version release of **ONESOURCE E-Invoicing Integration for Oracle Cloud** on top of the original release 1.0 and 1.1. The 1.2 version supports the following enhancements and solutions:

- A. Implementation of a new Integration between Oracle and OEI using BIP Integration to support the Italy Invoice Report for Cross-Border Transactions. This solution enables the reporting of Import Transactions to SDI for Italian legal entities, facilitating seamless compliance with regulatory requirements for goods and services received from other country.
- B. Introduction of support for the storage and reporting of clearance response IDs (e.g., KSF ID) and statuses received from Tax Authorities for Accounts Receivable (AR) Outbound transactions. This enhancement ensures comprehensive tracking and management of clearance responses, aiding in compliance and audit readiness.
- C. Enhanced support for multiple Oracle instances within a single Tenant of OEI, catering to customers across different geographies and multiple Oracle instances. This capability streamlines management and ensures consistent invoicing processes across different regions.

