



GS519 – Managing Errors, Logs, and Submission History in Globalization Studio

Even with the best-designed formats and pipelines, issues can still occur. Maybe the government rejects a file, a certificate expires, or a field is missing. That's why understanding how to **read logs**, **review submission history**, and **respond to errors** is a critical part of working with Globalization Studio.

In this article, you'll learn:

- Where to find logs and submission status
- How to understand errors from processing steps
- How to trace failures in document generation, signing, or submission
- Real examples using Spain's **Facturae XML** submission to **FACe**

This article builds on [GS515 – Digital Signatures](#) and [GS516 – Government Web Services](#).



Why Logging and Error Handling Matters

When you're submitting financial data to a government portal:

- The submission must be complete, valid, and signed
- Errors must be quickly identified and resolved
- Auditors or finance teams may request proof of what was submitted and when

Globalization Studio gives you full visibility via **logs**, **submission history**, and **status reports**, so you're never left guessing.



Key Log Locations in D365

Log or Screen	What It Shows
Submission History (Globalization Studio)	File name, legal entity, status, timestamp, and error message if failed
Electronic Reporting Execution Log	Details of ER format run: parameters, preview, and output file
Processing History / Audit Logs	Step-by-step pipeline flow: Generate → Sign → Submit



Real Example: Spain's FACe Submission Error

Let's say you submit a **Facturae XML** file and processing pipeline fails in Dynamics.

1. See the Electronic submission log

Electronic document submission log

Standard view *[^]

Filter Document type

<input type="radio"/> InvoiceAccount	InvoiceDate	InvoiceID	<input type="checkbox"/> Submission status	External submissions	Log
<input type="radio"/> 342	6/29/2025 12:00:00 AM	SIN023410	Failed		

Electronic Document

Option	Purpose
Download File	Let's you download the actual electronic file (e.g., XML, JSON) that was submitted — this can be the signed file, transformed invoice, or a response payload. Useful for auditing, debugging, or external sharing.

Functions

Option	Purpose
Cancel Submission	Stops any in-progress or queued submission process. Useful if you realize the submission was triggered incorrectly or needs to be updated.
Proceed from Failed Action	Tries to resume the pipeline from the specific failed step (rather than restarting from the beginning). Helpful in pipelines with long multi-step processing like signature, transformation, submission.
Resubmit Action	Retrigger the entire submission from scratch for the selected document, including all pipeline steps. Use after correcting setup or master data issues.
Send Related Submission	Sends another message related to the current one — e.g., for corrections, cancellations, or status inquiry. This relies on linked message logic configured in the feature.

Inquiries

Option	Purpose
Submission Details	Opens a detailed view of the pipeline execution log (action-by-action) — shows which step failed, retry attempts, error codes, and timestamps.
Related Submission	Shows other messages linked to the current document. For example, a cancellation message linked to an original invoice, or status inquiry linked to the last submission.

2. Check failure



SC0342 : 6/29/2025 12:00:00 AM | Standard view

Submission details

Created date and time: 29/06/2025 02:26:51 | Execution state: Failed

Processing actions

Created date and time	Action result state	Action name
29/06/2025 02:26:51	Completed	Generate invoice
29/06/2025 02:28:03	Failed	Sign xml document (2)

Pipeline failed at step of Signing XML document with error message below

Action files

View

Action parameter Id: We didn't find anything to show here.

Processing action log

UTC timestamp	Message code	Message	Log level	Classification
29/06/2025 02:28:03	01	Element with name 'output.xml' cannot be found in the provided xml document	Error	Technical

3. Fix pipeline > published changes

SC0342 : 6/29/2025 12:00:00 AM | Standard view

Submission details

Created date and time: 13/07/2025 13:01:49 | Execution state: Completed

Processing actions

Created date and time	Action result state	Action name
13/07/2025 13:02:02	Completed	Generate invoice
13/07/2025 13:02:06	Completed	Send an Email (2)
13/07/2025 13:02:08	Completed	Sign xml document (3)

Pipeline processed successfully

Action files

Submitted files can be viewed from here

View

Action parameter Id: OutputFile

Processing action log

UTC timestamp	Message code	Message
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We didn't find anything to show here.

Real Example: Spain's SII submission to AEAT Rejected

4. Track electronic message by status



Electronic messages

Messages

Message	Description	Message status	From date	To date
MTD-003094		ParcialmenteCorrecto		

1. Track Message Status

Action log

Action	Status from	Status to	Created by	Created date and time	Response code	Response description
GenerateMessageVI	Generado	Generado		07/2025 13:14:31		
SendMessageVI	Generado	Expedido		07/2025 13:14:37		
ImportResponse	Expedido	ParcialmenteCorrecto		07/2025 13:14:43		

Message additional fields

Field name	Description	Field value
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Message items

Message item	Message item date	Message item time	Message item status	Transmission date	Document number	Account number	Company
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5. Check Detailed error message in Response received from AEAT

Attachments for Electronic messages - Message: MTD-003094, ParcialmenteCorrecto

Attachment

FILE INFORMATION	File type	FILE LOCATION
File name response	xml Original file name response.xml	File location

Preview

```
<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope
xmlns:env="http://schemas.xmlsoap.org/soap
/envelope/">
<env:Header/>
<env:Body Id="Body">
<siir:RespuestaLRFacturasRecibidas
xmlns:siir="https://www2.agenciatributaria.
gob.es/static_files/common/internet/dep/a
plicaciones/es/aeat/ssii/fact/ws/Suministro
Informacion.xsd"
xmlns:siir="https://www2.agenciatributaria
.gob.es/static_files/common/internet/dep/a
plicaciones/es/aeat/ssii/fact/ws/Respuesta
Suministro.xsd">
<siir:CSV>DS87FSAEKGU7PU5D</siir:CSV>
<siir:DatosPresentacion>
<siir:NIFPresentador>B86576790</siir:NIFPres
entador><siir:TimestampPresentacion>29-07-
2025 14:14:38</siir:TimestampPresentacion>
```

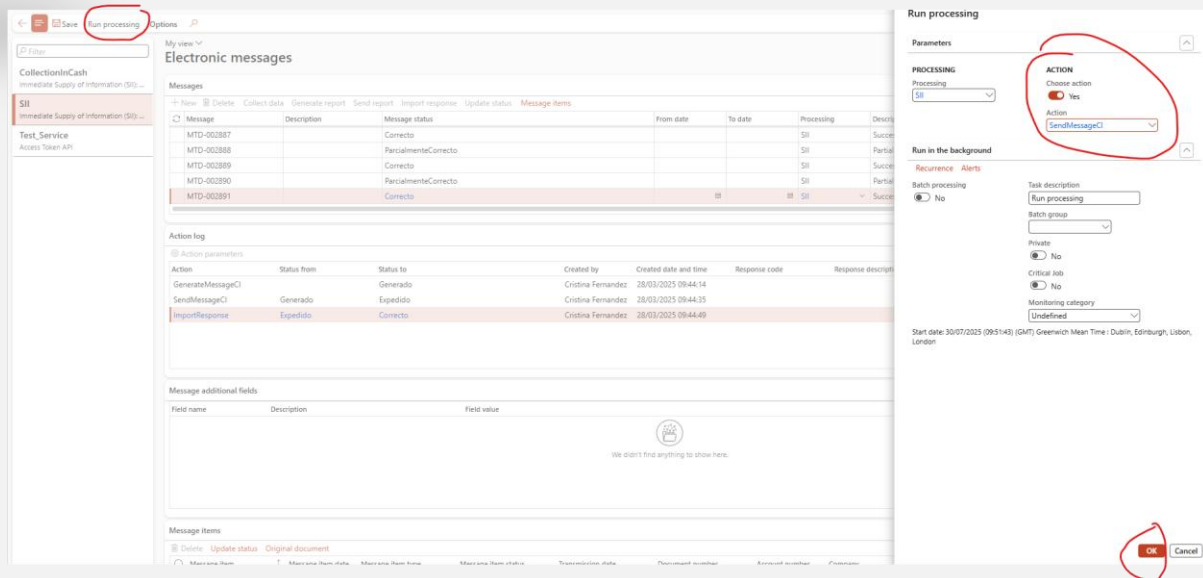
More details

IDENTIFICATION

Type
Archivo

Company account
cib

6. Fix issue and resubmit using new electronic message



Common Errors and What They Mean

Error Message

Likely Cause

Missing XML tag: NIF

Field mapping is incomplete or missing in ER format

Invalid digital signature

Certificate expired or incorrectly referenced in pipeline

Web service timeout

Portal was down or connection issue

Authentication failed

Key Vault or client ID misconfiguration

File not found for submit step Sign step failed, so file was never passed on

Optional: Retry or Reprocess the Submission

Some pipeline steps allow you to:

- Retry automatically after a delay (e.g., 5 mins)
- Manually trigger a resend from the **Submission History** screen
- Trigger resubmission using a batch job or Power Automate

✓ Tip: Always correct the root cause before retrying, resending a broken file won't help.



V3_Spanish electronic invoice (ES) 14 : Sales invoice gen... | Standard view

Feature version setup

Processing pipeline

Applicability rules

Variables

Parameters

Set up actions and parameters

Action	Action name	Description	Enable retry	Retry action	Export result	Update action
<input type="radio"/>	Transform document	Generate invoice	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	Sign xml document	Sign xml document (3)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="radio"/>	Send an Email	Send an Email (2)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="radio"/>	Send an Email	Send an Email (4)	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

This tells the system which previous action to retry if the current one fails.

Parameter	Description	Value
EMailSendingActionParameterPasswordSecre...	EMailSendingActionParameterPasswordSecreNameDescription	
Timeout	It limits the max time to wait for a response in milliseconds	60000
To	List of recipients. Use semicolon (;) to separate addresses	
Subject	Subject of the email	
Input file name	Input file name	
Input file	Input file with document that need to be sent	

By enabling this action, you consent to share your data with external systems. Data imported from external systems into this Dynamics 365 online service is subject to the Microsoft privacy statement. Please consult the feature technical documentation for more information.

[Microsoft Privacy statement](#)

[Feature technical documentation](#)

Parameter	Purpose
Retry interval	Wait time (in milliseconds) between retry attempts
Retry count	Maximum number of retry attempts allowed
Retry till	Total time (in milliseconds) allowed for retrying before giving up
Min backoff	Starting delay for exponential backoff (used when spreading retries)
Max backoff	Maximum delay for exponential backoff

Retry parameters

Parameter	Description	Value
Retry interval	Time interval between attempts to call and receive response from the web service. If not specified - no any retry attempts will be launched	0
Retry count	Maximum retry count of attempts to call webservice and retrieve response from web service	0
Retry till	Maximum time (in milliseconds) till the end of which retry calls can continue	0
Minimum backoff	Minimum of backoff rate for exponential calculation of retry intervals	0
Maximum backoff	Maximum of backoff rate for exponential calculation of retry intervals	0



Exporting Logs for Audits

You can export:

- Submission logs as Excel

Functions | Inquiries | Electronic document | Options

Electronic document submission log

Standard view

Document type: Customer invoice journal

Filter

InvoiceAccount | InvoiceDate | InvoiceID | Submission status | External submissions | Log

EXPORT TO EXCEL
Electronic document submission log

- Signed documents as downloadable XML/PDF

Functions | Inquiries | **Electronic document** | Options

Electronic document submission

Standard view

Document type: Customer invoice journal

Filter

Download file



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Proceed from failed action

Resubmit document

Options

🔍

Filter

14/07/2025 18:22:16

Completed

SC0442 : 3/27/2025 12:00:00 AM | Standard view

Submission details

Created date and time

Execution state

14/07/2025 18:22:16

Completed

Processing actions

Created date and time	Action result state	Action name
14/07/2025 18:22:45	Completed	Generate invoice
14/07/2025 18:22:47	Completed	Sign xml document (3)
14/07/2025 18:22:47	Completed	Send an Email (2)

Action files

View

Action parameter Id
OutputFile

Processing action log

UTC timestamp	Message code	Message
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- Full pipeline flow details



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Proceed from failed action

Resubmit document

Options

🔍

Filter

13/07/2025 13:01:49
Completed

29/06/2025 02:26:51
Failed

29/06/2025 02:17:28
Failed

29/06/2025 02:15:00
Failed

29/06/2025 02:12:46
Failed

29/06/2025 02:04:42
Failed

29/06/2025 01:56:26
Failed

SC0342 : 6/29/2025 12:00:00 AM | Standard view

Submission details

Created date and time

Execution state

13/07/2025 13:01:49

Completed

Processing actions

Created date and time	Action result state	Action name	⋮
13/07/2025 13:02:02	Completed	Generate invoice	
13/07/2025 13:02:06	Completed	Send an Email (2)	
13/07/2025 13:02:08	Completed	Sign xml document (3)	

Action files

View

Action parameter Id

⋮

OutputFile

ERFileName

Processing action log

UTC timestamp	Message code	Message
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We didn't find anything to show here.

💡 Tips for Managing Submission Issues

Tip	Why It Helps
Enable submission logs in all features	Ensures traceability
Use descriptive names for each pipeline step	Easier to identify what failed
Check submission history weekly	Stay proactive with rejections
Store signed output in SharePoint or Azure	Gives finance teams access without system access

🔗 Related Articles

- [GS506 – Pipeline Execution Flow](#)
- [GS514 – Routing Output to Storage](#)



- [GS515 – Signing & Certificates](#)
- [GS516 – Government Portal Submission](#)



Coming Up Next

In **GS520 – Tax Calculation Service Basics in Globalization Studio**, we'll explore how Microsoft's cloud-based tax engine lets you configure flexible VAT, GST, and reverse charge rules without writing code.

You'll learn how to:

- Enable and configure Tax Calculation Service (TCS)
- Create rule-based tax logic for countries like the UK and Spain
- Apply and test tax rules using Globalization Studio
- Review calculations using diagnostics tools in D365



Continue reading: [GS520 – Tax Calculation Service Basics →](#)