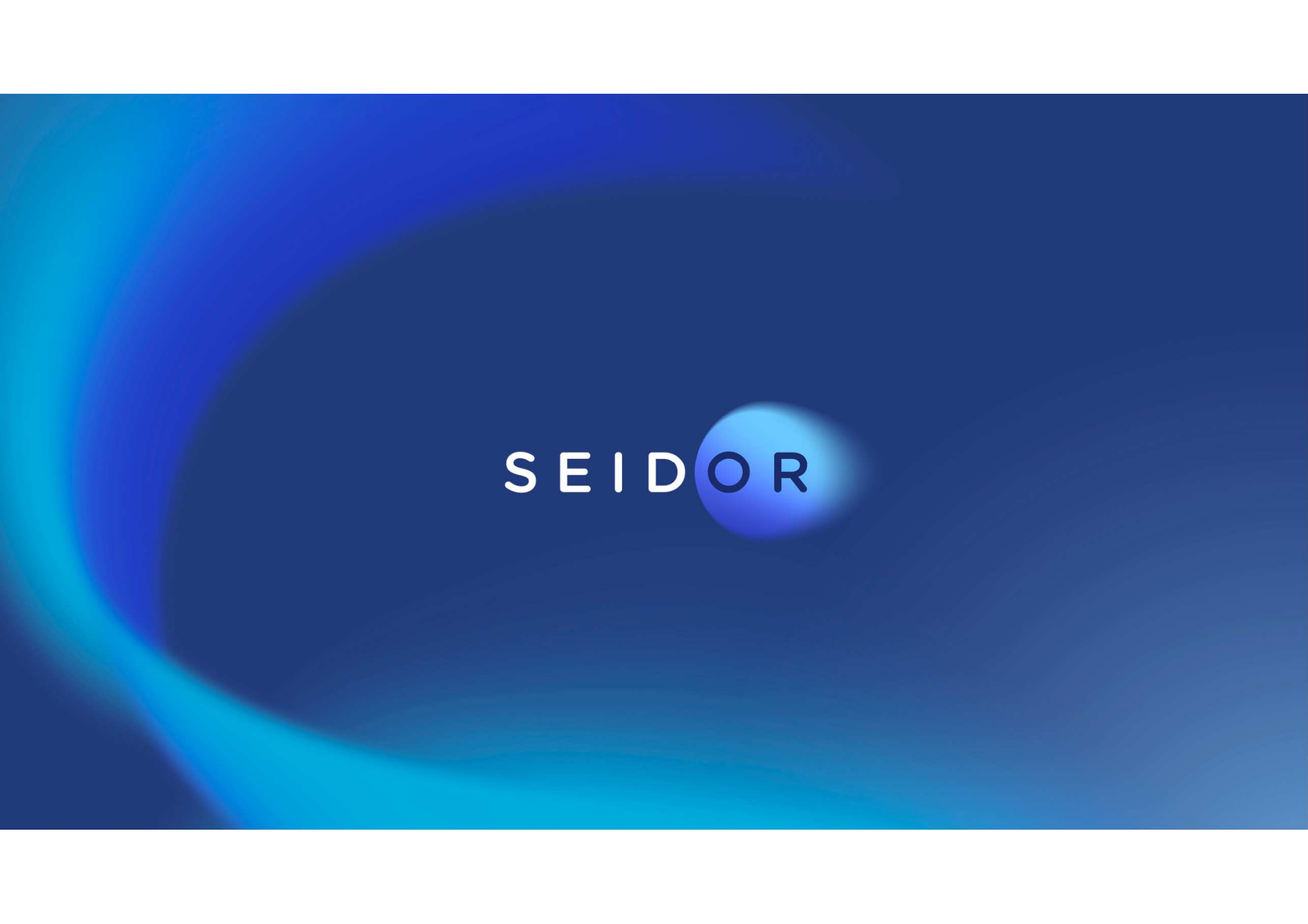


The background is a deep blue gradient. On the left side, there are several concentric, glowing blue rings or arcs that create a sense of depth and movement. In the center-right, there is a bright, glowing blue sphere that serves as a backdrop for the letter 'O' in the word 'SEIDOR'.

SEIDOR



Document downloader add-on for SAP Business ByDesign

Massive extractor for invoice documents





Introduction

SAP Business ByDesign contains documents for supplier invoices in attachment folder, and customer invoices in output history.

As a user, you can go through any invoice and download the documents related to it. When there are several invoices to download you must go 1 by 1 in a repetitive and time-consuming work.

With this add-on you will be able to download packages of invoice documents in few minutes, ready to send.

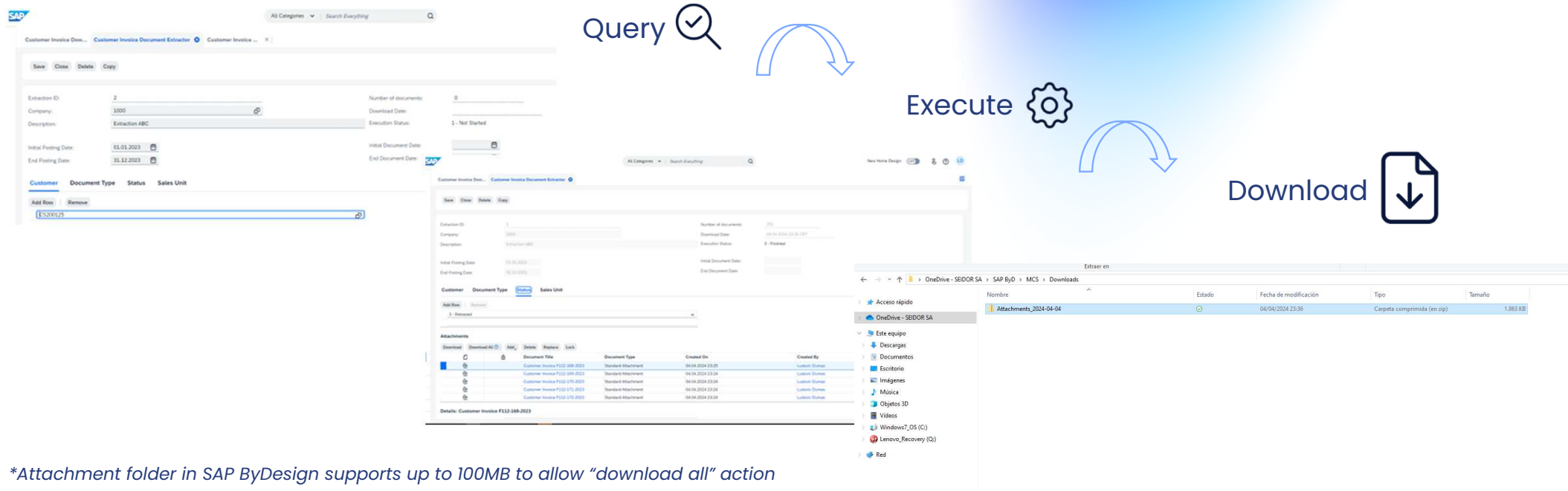
It supports supplier invoices and customer invoices, and it is ready to be extended to other Business Objects using the same process technology.



Extraction Scenario

1. Create a document query based on available search criteria.
2. Execute the extraction as a background job.
3. Check and Download all documents at once in a single zip file.

Tested up to 1000 files package



Supplier Invoices

Query by:

- Buyer company
- Posting Date
- Document Date
- Supplier
- Document type
- Status
- Cost assignment
- Attached document type
- File extension

SAP

All Categories Search Everything

New Home Design: OFF

Supplier Invoice Down... Supplier Invoice Document Extractor

Save Close Delete Copy

Extraction ID: 1

Company: 1000

Description:

Do you want to overwrite file name with invoice ID?: ☐

Start Posting Date: 01.04.2024

End Posting Date: 30.04.2024

Number of documents: 0

Download Date:

Execution Status:

Initial Document Date:

End Document Date:

Supplier Document Type Status Cost Assignment Type File Type File extension

Add Row Remove

S100200

Attachments

View Download All Add Delete Replace

Document Title	Document Type	Created On	Created By	File Size
No records found				

SAP

All Categories Search Everything

New Home Design: OFF

Supplier Invoicing - In... Invoice: F10-460-2024

Status: Posted Block: Not Blocked Supplier: S100200 - AMS SA Total Gross Amount: 740,00 EUR Created On: 20.03.2024 Created By: Ludovic Dumas

Post Save Close New Check Void Cancel Document Actions

General Items Deductions and Surcharges Approval Exceptions Document Flow Changes Notes Attachments Feed

Attachments

Download Download All Add Delete Replace Lock

Document Title	Document Type	Created On	Created By	File Size
Customer-Invoice_PTFV-1000000-2023_...	Standard Attachment	05.04.2024 00:22	Ludovic Dumas	23 KB

Details: Customer-Invoice_PTFV-1000000-2023_20230306-092910UTC.pdf

Document Title: Customer-Invoice_PTFV-1000000-2023_20230306-092910UTC.pdf

Document Type: Standard Attachment

Comment:

File Name: Customer-Invoice_PTFV-1000000-2023_20230306-092910UTC.pdf

Created On: 05.04.2024 00:22

Created By: Ludovic Dumas

Changed On: 05.04.2024 00:22

Changed By: Ludovic Dumas

Locked By/Since:

Downloaded documents can be renamed with supplier invoice ID given in SAP ByDesign or maintain original file name

Download attached supplier invoice document



Customer Invoices

Query by:

- Seller company
- Posting Date
- Document Date
- Customer
- Document type
- Status
- Sales Unit



Customer Invoice Dow... **Customer Invoice Document Extractor** Mass Data Run: 1 ...

Save Close Delete Copy

Extraction ID:	2	Number of documents:	0
Company:	1000	Download Date:	
Description:	Extraction ABC	Execution Status:	1 - Not Started
Initial Posting Date:	01.01.2023	Initial Document Date:	
End Posting Date:	31.12.2023	End Document Date:	

Customer Document Type Status Sales Unit

Add Row Remove

CS200128

Customer Invoicing - L... Invoice: F112-168-2023

Status: Released Account: Calefacción y Calor de Lugo Invoice Date: 17.07.2023 Total: 240.00 EUR Approval Status: Approval not Necessary

Release Save Close Preview New Cancel Withdraw Approval Web Services

General Items Pricing Involved Parties Approval Process Document Flow Changes **Output History** Feed

File Type	Document Name	Status	Recipient	Sent By	Sender	Submitted On	Output On	Retained Until
Customer Invoice	Customer Invoice F112-168-2023	Pending	8000000011 Patricia Martinez	Printer	8000000005 Ludovic Dumas	28.09.2023 23:58 CET	29.09.2023 00:02 CET	01.01.10000 00:59 CET

Details: Customer Invoice F112-168-2023

Output Details Attachments

Document Details	Output Details	Recipient Details
Document Name: Customer Invoice F112-168-2023	Template: Customer Invoice	
Status: Pending	Sent By: Printer	
Submitted On: 28.09.2023 23:58 CET	Print Queue: DEFAULT	
Sender: 8000000005 Ludovic Dumas	No of copies: 1	
Output On: 29.09.2023 00:02 CET		
Retained Until: 01.01.10000 00:59 CET		

Download output customer invoice document



Capabilities 1/3

✓ **Possible to extend** the add-on to include other BO in future releases under customer demands.

✓ Dedicated WoC and Views for each Business Object to split to different **Business Roles**.

✓ Access context enabled to set **access restrictions by company**, like standard SAP ByDesign views.

The screenshot displays the SAP Business ByDesign user interface. On the left is a navigation menu with various application areas. The main content area shows the 'Access Restrictions' configuration for a user named Ludovic Dumas. The 'Assigned Work Center Views' table lists several views with their respective access contexts and permissions. The 'Detailed Restrictions' table below shows access rules for different access groups.

Work Center View ID	Work Center View Name	Work Center ID	Work Center Name	Access Context	Read Access	Write Access
YOS32NXY002TRAC_WCVIEW.WC...	Execute document extraction	YOS32NXY002TINVDOCEXT_WCF...	Customer Invoice Download	1007 - Company	Unrestricted	Unrestricted
YOS32NXY002TRAC_WCVIEW.WC...	Execute document extraction	YOS32NXY002PINVDOCEXT_WCF...	Supplier Invoice Download	1007 - Company	Unrestricted	Unrestricted
YOS32NXY002PINVDOCEXT_WC...	Supplier Invoice Documents	YOS32NXY002PINVDOCEXT_WCF...	Supplier Invoice Download	1007 - Company	Restricted	Restricted
YOS32NXY002CUSTINVDOCEXT_WC...	Customer Invoice Documents	YOS32NXY002TINVDOCEXT_WCF...	Customer Invoice Download	1007 - Company	Restricted	Restricted

Access Group ID	Description	Proposed	Read Access	Write Access
1000	Almika SA	☒	☒	☒
CE1000			☐	☐
ES1000	Demo Seidor		☒	☒
4000	Empresa PT S.A		☐	☐
A1000	EMPRESA SL		☐	☐
ES2000	ES2000		☐	☐



Capabilities 2/3

✓ **Copy** extractions and adjust only needed filters.

✓ **Delete** obsolete extractions.

✓ **Track results** by status, download date, requestor user, and number of downloaded documents.

Supplier Invoice Down... Supplier Invoice Document Extractor Application Log: 7... X

Save Close Delete Copy

Extraction ID: 3
Company: 1000
Description:
Do you want to overwrite file name with invoice ID?: ☒
Start Posting Date: 01.02.2023
End Posting Date: 30.04.2024

Number of documents: 8
Download Date: 05.04.2024 00:16 CET
Execution Status: 3 - Finished

Initial Document Date:
End Document Date:

Supplier Document Type Status Cost Assignment Type Cost Assignment File Type File extension

Add Row Remove

P1100

Attachments

Download Download All Add Delete Replace Lock

		Document Title	Document Type	Created On	Created By	File Size
		F112-11-2023	Standard Attachment	05.04.2024 00:16	Ludovic Dumas	23 KB
		F112-13-2023	Standard Attachment	05.04.2024 00:16	Ludovic Dumas	24 KB
		F112-34-2023	Standard Attachment	05.04.2024 00:16	Ludovic Dumas	24 KB
		F112-35-2023	Standard Attachment	05.04.2024 00:16	Ludovic Dumas	10 KB
		F112-36-2023	Standard Attachment	05.04.2024 00:16	Ludovic Dumas	10 KB
		F112-37-2023	Standard Attachment	05.04.2024 00:16	Ludovic Dumas	24 KB



Capabilities 3/3

Customer Invoice Download - Execute document extraction Mass Data Run: 1 ... ×

Mass Data Runs

Search

Edit New Export Delete Schedule View Jobs Refresh Actions Group By None

Status	Mass Data Run ID	Run Description	Created By	Created On
Active	1	Customer invoice document extractor run	Ludovic Dumas	04.04.2024 23:19 CET

Execution Details: 1 - Customer invoice document extractor run

Processing Status	Maximum Severity	Application Log ID	Created By	Date/Time
Finished	✖	723884	Ludovic Dumas	04.04.2024 23:19 CET

✓ **Background jobs** executing extractions while user continues daily work.

✓ **Execution log** for every extraction.

✓ User friendly, fully integrated and with the **same UX of standard SAP ByDesign**.



General Settings **Results**

The application log is structured as a hierarchy of messages.
The sums of error, warning, and information messages at the top of the table reflect only the highest level of the hierarchy.

Errors: ✖ 1 Warnings: ⚠ 0 Information: ✔ 0

Expand All Collapse All

Description	Status	Created On	1%
▼ Action getDocuments processed in 1 packages	✖	04.04.2024 23:26 CET	
▼ Work package 1: Finished; messages raised	✖	04.04.2024 23:26 CET	
Objects included: 1	✔	04.04.2024 23:26 CET	
▼ Messages (Count: 2)	✖	04.04.2024 23:26 CET	
Document Duplicate Factura de cliente F112-86-2023 already exists	✖	04.04.2024 23:24 CET	
Document Factura de cliente F112-91-2023 already exists	✖	04.04.2024 23:24 CET	



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