Invoice extraction with UiPath and Rossum

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Many organizations try to automate **Accounts Payable processes** with **UiPath** robots. To achieve automation benefits, it is necessary to reduce or eliminate the human effort associated with data capture from invoices.

Agenda

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Reference Accounts Payable process

What you will need

Plug&Play solution

Basic description
Provided source-codes
Credentials
Sending documents
Human verification
Receiving data
Optional step: Automated human verification

Wrap up

Q & A

Reference AP process

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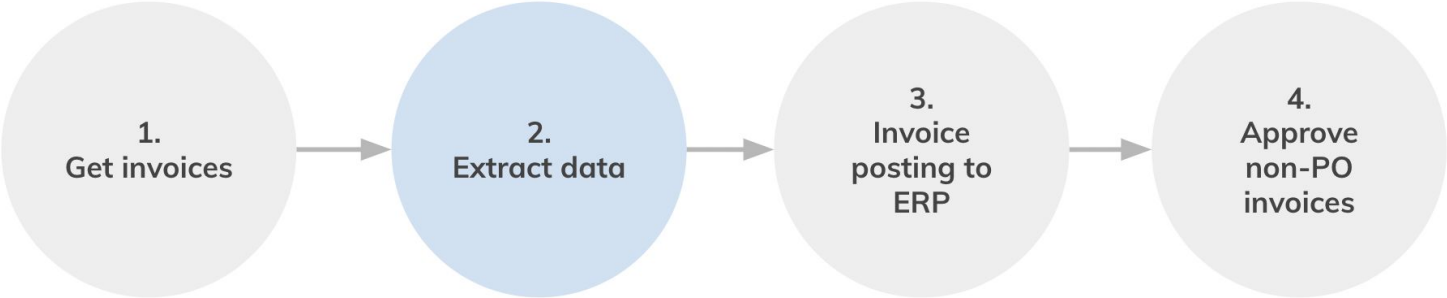

Reference AP process

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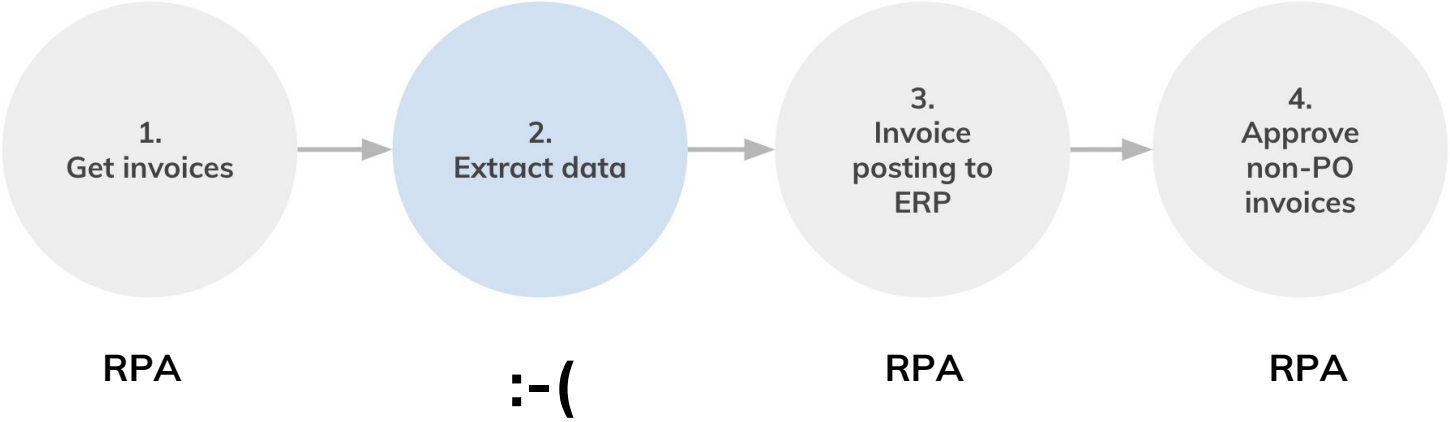

Reference AP process

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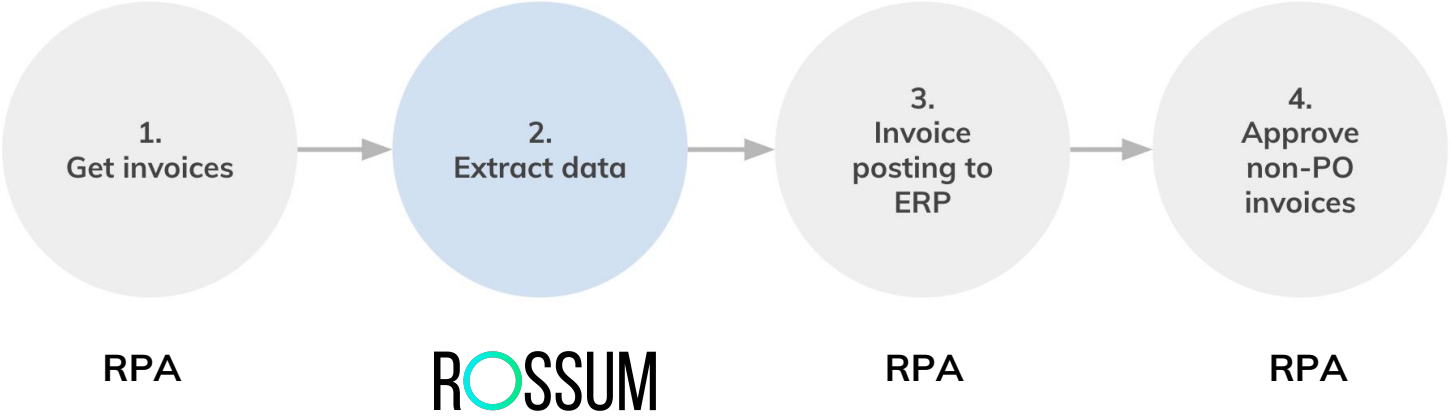

ELIS: Cognitive data capture

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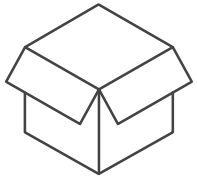
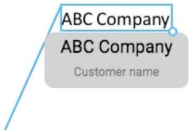
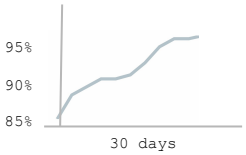


No templates,
works out of the box

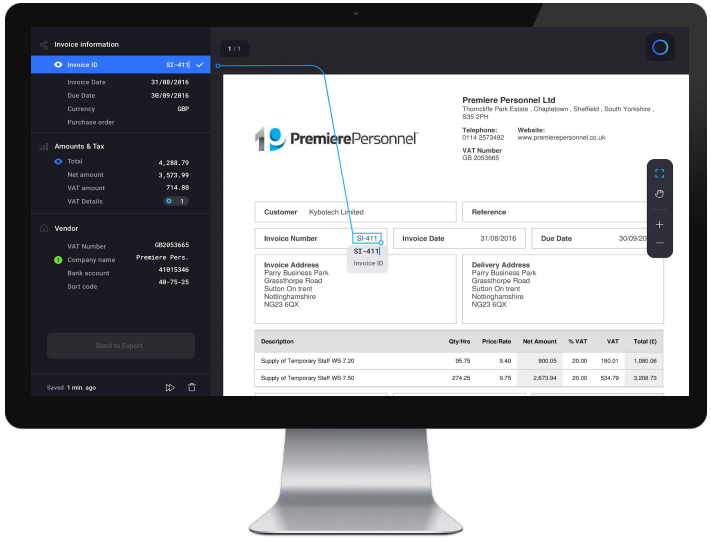


Easy to use UI

Easy to integrate, deploy
& customize.



Self-learning
= no maintenance



What you will need

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Elis basic account

https://elis.rossum.ai/registration/

UiPath Studio

https://www.uipath.com/developers/community-edition-download

Integration source codes

https://github.com/rossumai/rossum-uipath-integration/archive/master.zip

Plug&Play solution

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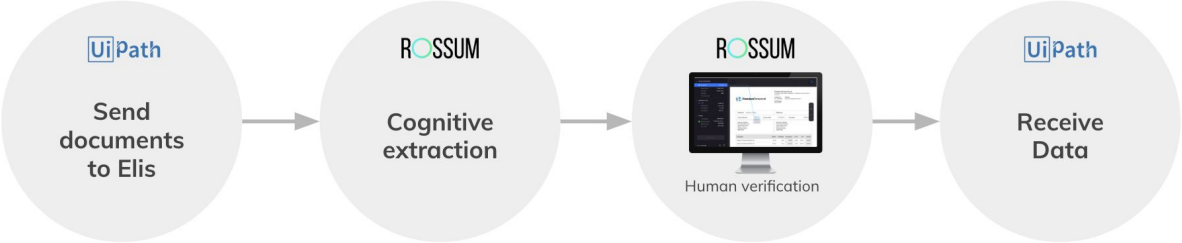
In this demo, you can find 2 sample workflows that connect UiPath robot to Elis Cognitive platform. The basic version of the data processing workflow is depicted below and contains 4 steps:



1. **Send documents** from local folder to Elis.
2. **Elis processes documents** (it can take several minutes)
3. **Elis online user interface** is used for human verification
   (this step can be skipped by using *Optional_AutomatedVerification.xaml* workflow)
4. **Receive data** from Elis and store the results in .xlsx file

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Step 1: Decompress the source code file
Step 2: Insert your Elis credentials

Name	Date modified	Type	Size
a_Input files	20/03/2019 14:18	File folder	
b_Processing files	20/03/2019 14:10	File folder	
c_Processed files	20/03/2019 14:18	File folder	
d_Output data	20/03/2019 14:11	File folder	
01_Import.xaml	16/03/2019 20:11	Windows.XamlDo...	24 KB
02_Export.xaml	16/03/2019 20:12	Windows.XamlDo...	42 KB
credentials.json	20/03/2019 13:41	JSON File	1 KB
LICENCE.txt	07/02/2019 20:26	Text Document	2 KB
Optional_AutomatedVerification.xaml	20/03/2019 11:53	Windows.XamlDo...	55 KB
project.json	19/03/2019 20:12	JSON File	1 KB
readme.txt	07/02/2019 21:06	Text Document	1 KB

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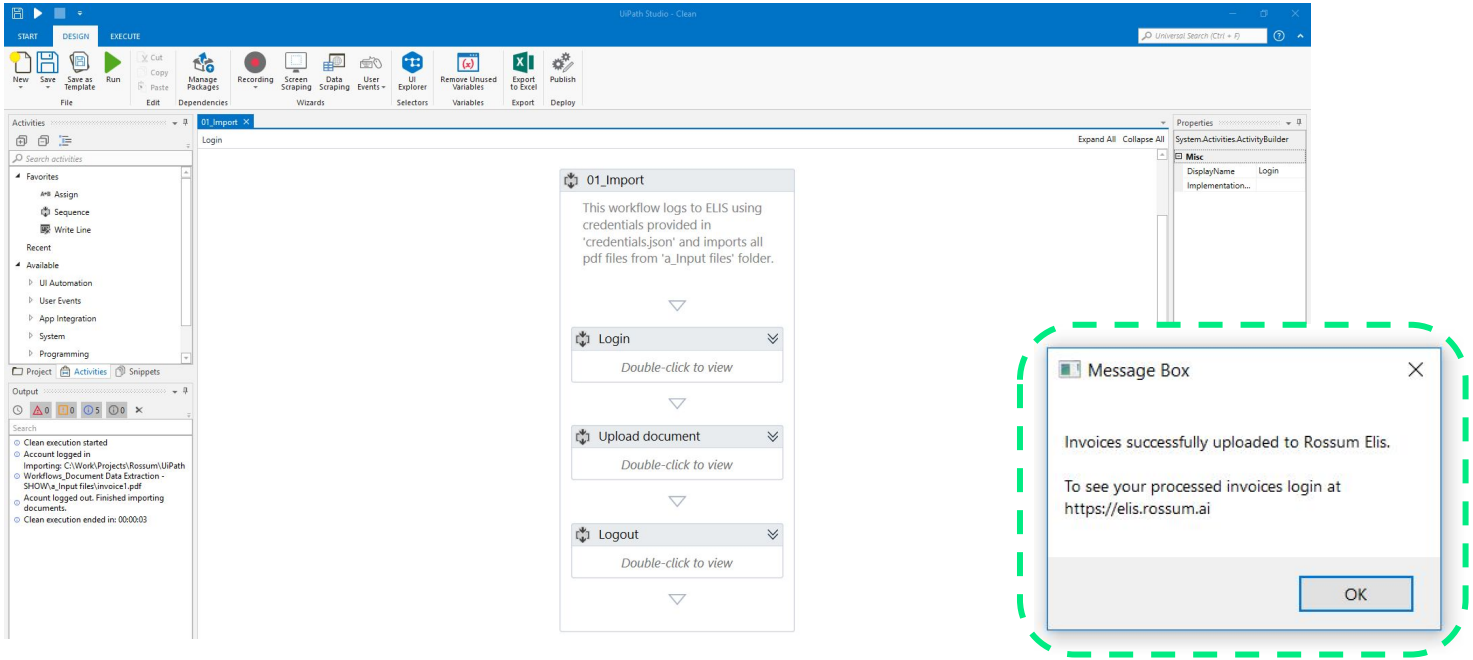
Step 3: Send documents

01_Import.xaml



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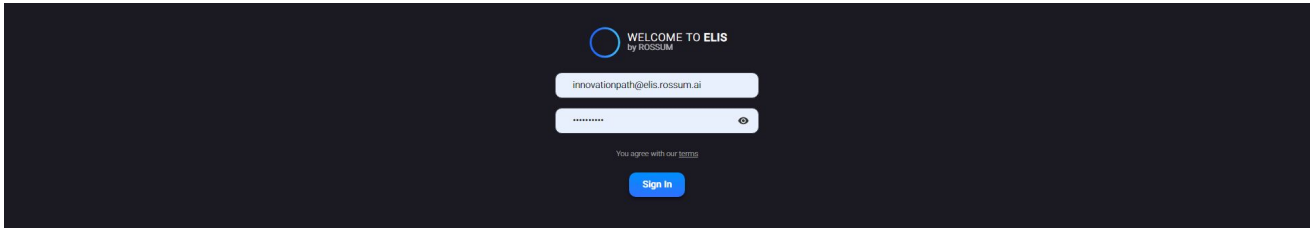
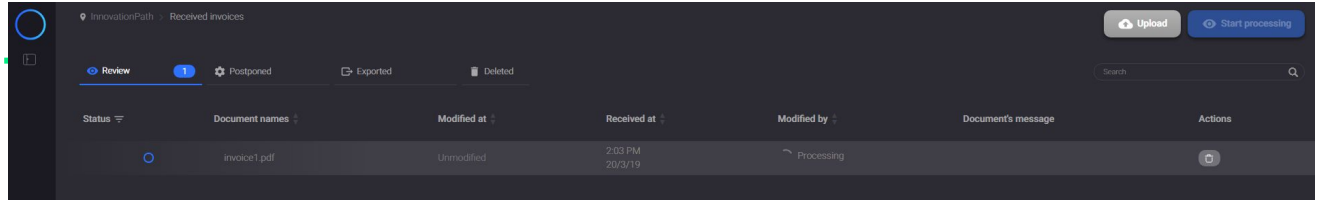
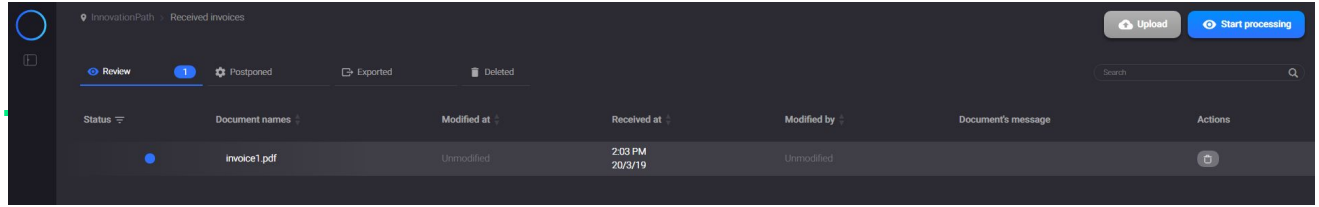
Step 4: Human verification

ELIS







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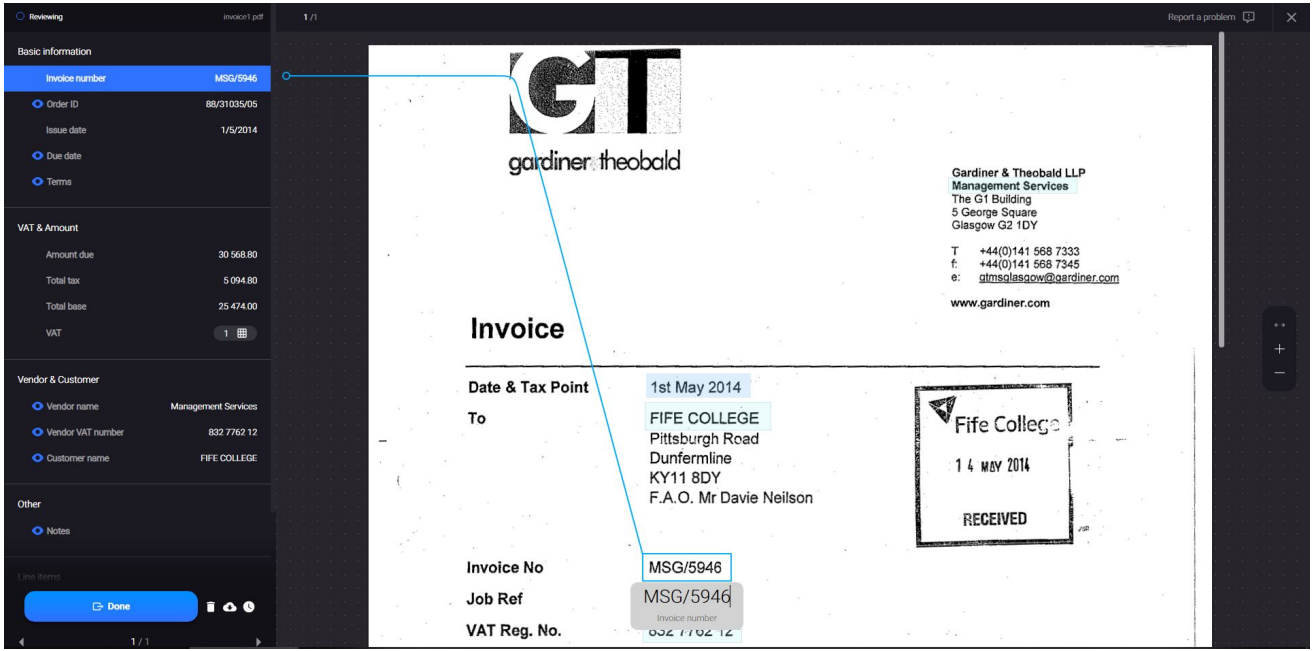
ELIS

Step 4: Human verification



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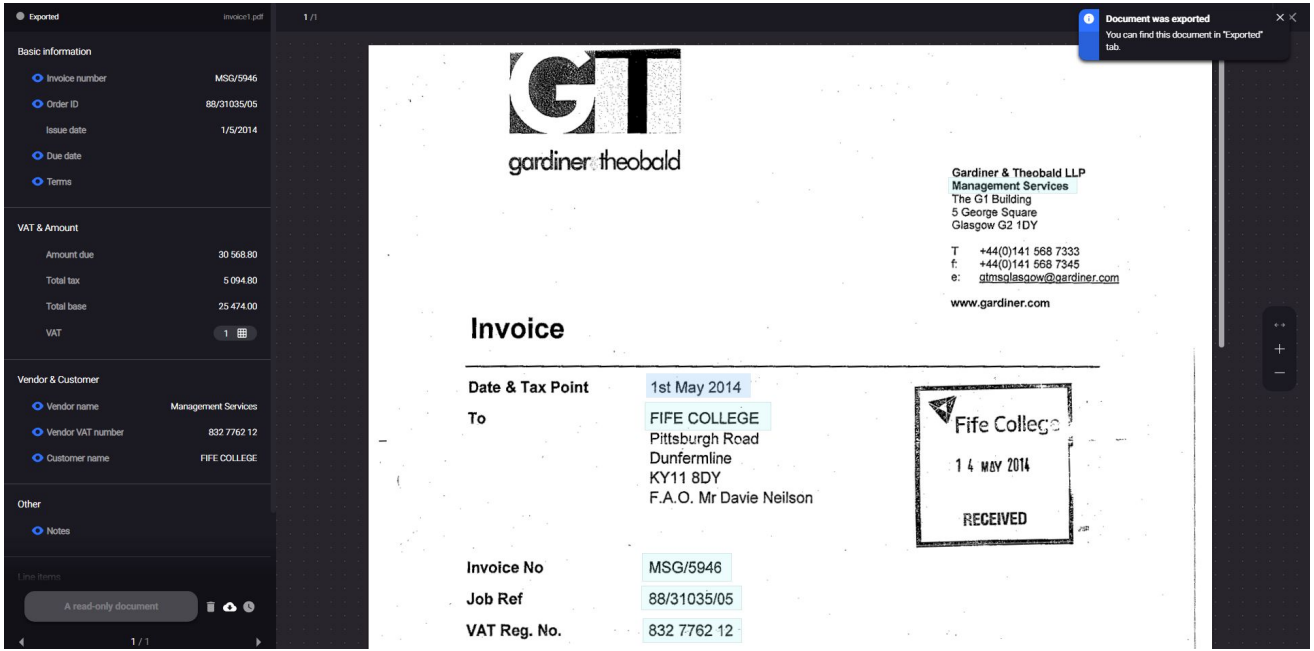
ELIS

Step 4: Human verification



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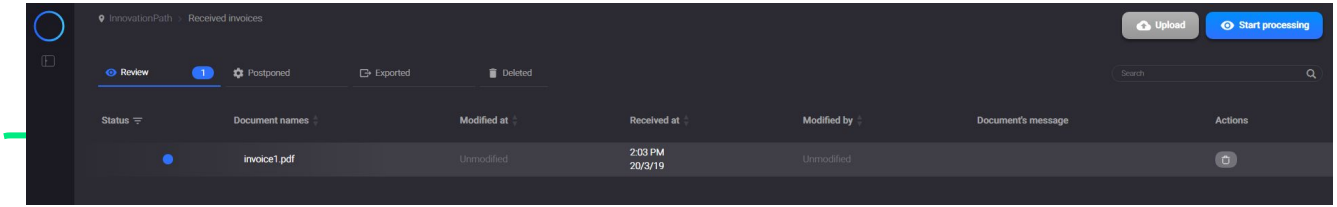
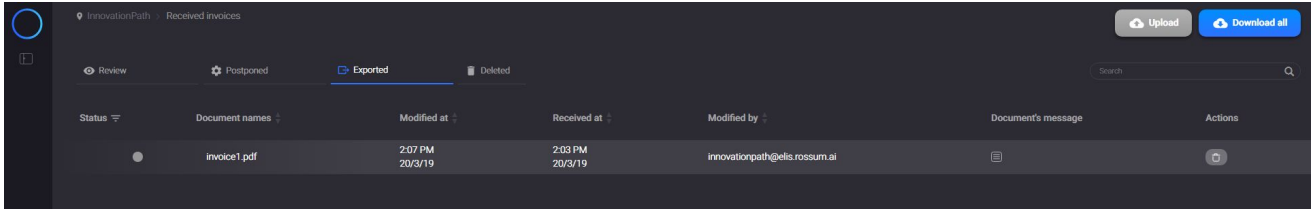
Step 4: Human verification

ELIS





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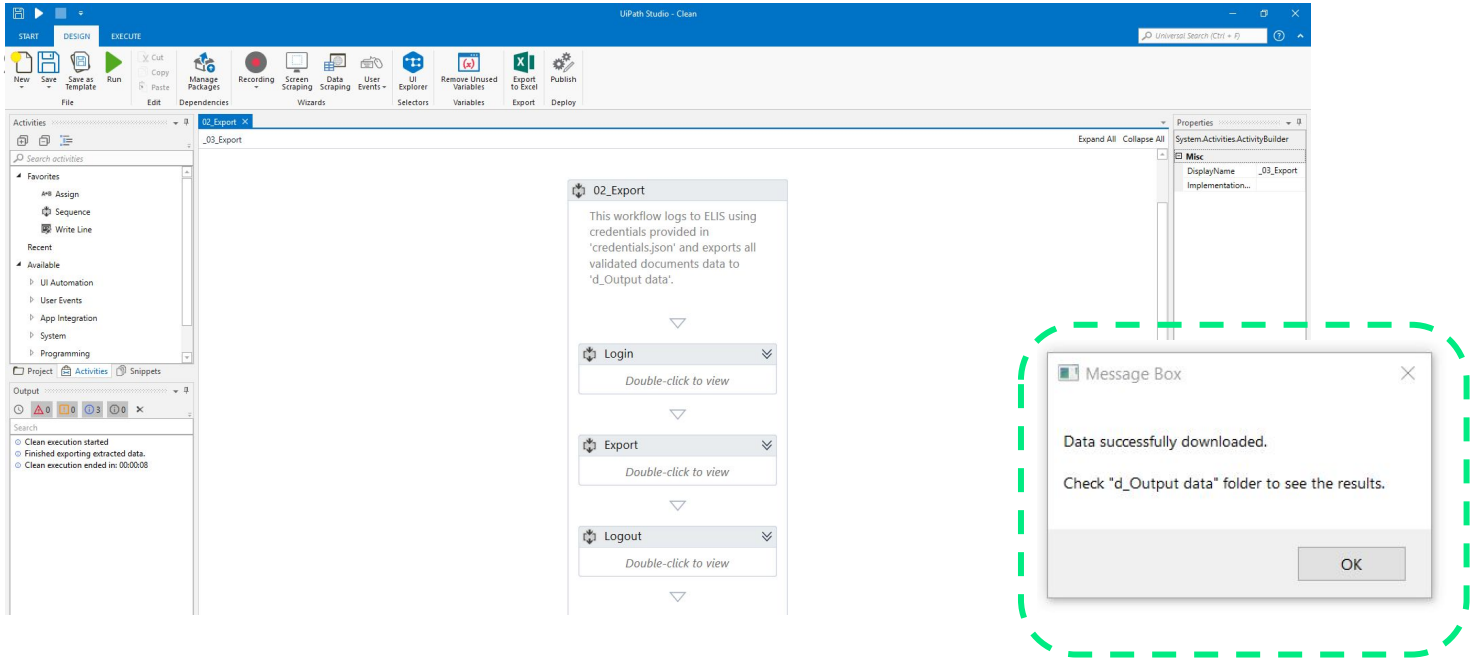
Step 5: Export data

02_Export.xaml



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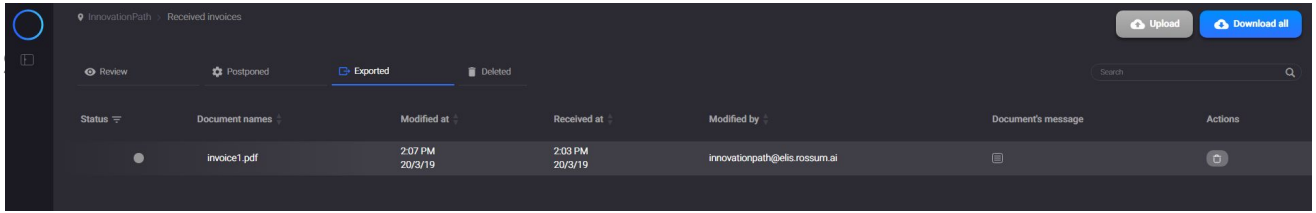
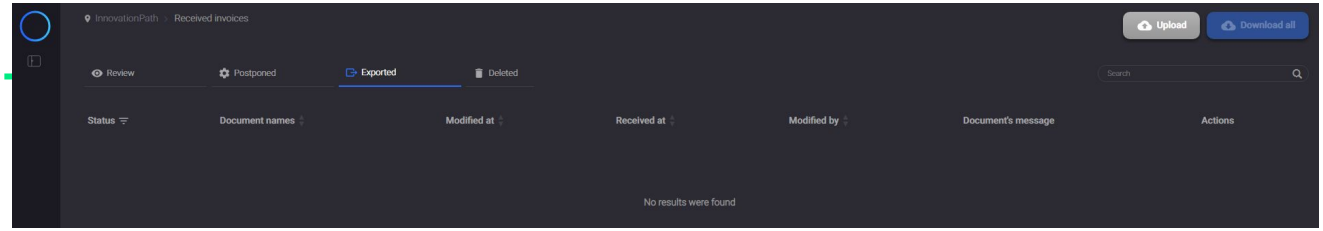
Step 5: Export data

ELIS





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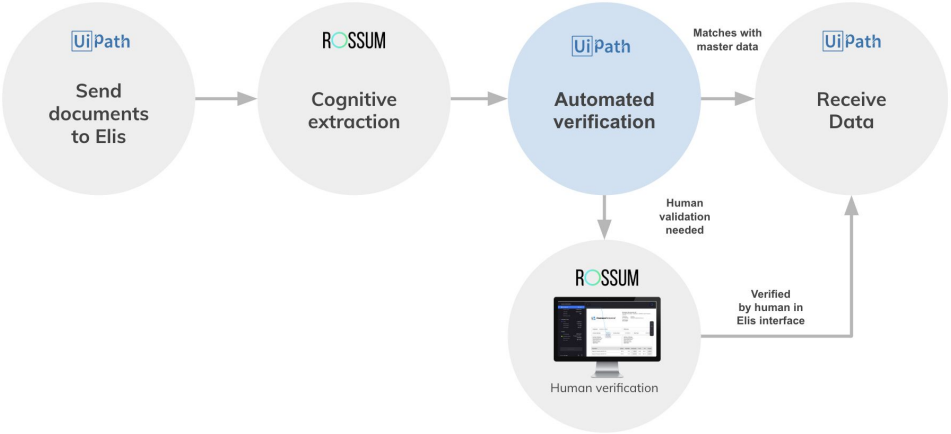
Optional step: Automated human verification

In the previous steps, we've implemented a very basic flow with human verification. However, it is possible to implement custom logic that allows you to skip the manual check.



We provide you UiPath workflow Optional_AutomatedVerification.xaml that can verify extracted data instead of a human (ex. PO matching, Vendor matching, etc.).

Wrap-up

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- We showed you a simple integration between **Rossum** and **UiPath**
- We welcome feedback (**webinars@rossum.ai**)
- These **slides**, **video** and **detailed instructions** will be available in your inbox

Additional materials

- Elis homepage
- Elis documentation
- Technical Webinar recordings

Q&A

Thank you

Feedback and additional questions:

webinars@rossum.ai

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