



ABBYY® Proof of Identity 1.0

Release Notes

Table of Contents

| | |
|-------------------------------------------------------------------------|---|
| 1. Introduction..... | 2 |
| 1.1. About this document..... | 2 |
| 1.2. About ABBYY Proof of Identity | 2 |
| 2. About the release | 2 |
| 2.1. Purpose of the release | 2 |
| 2.2. Service URL | 2 |
| 2.3. Component versions..... | 2 |
| 3. Key features | 2 |
| 3.1. Document-centric identity proofing and affirmation solution..... | 2 |
| 3.2. Web UI for desktop and mobile use..... | 3 |
| 3.3. ABBYY® Vantage platform..... | 3 |
| 4. Limitations and known issues | 3 |
| 4.1. Scanning documents not working properly on iPad® with iOS® 13..... | 3 |
| 5. Technical specifications | 3 |
| 5.1. UI languages | 3 |
| 5.2. Identity document types | 3 |
| 5.3. Trailing documents for identity affirmation | 3 |
| 5.4. Device requirements | 4 |

1. Introduction

1.1. About this document

This document contains technical information about ABBYY Proof of Identity Release 1.

1.2. About ABBYY Proof of Identity

ABBYY Proof of Identity is a complete web portal solution for confirming the identity of an end customer with the help of a selfie photo and an ID document scan. Submit ID documents, verify the person who submitted the ID by sending in a selfie, add trailing documents for identity affirmation depending on the scenario, and pause the process at any step to come back to your saved progress.

2. About the release

2.1. Purpose of the release

This release provides the first version for Proof of Identity as a web application and solution. The service is available via cloud, based on ABBYY Vantage.

2.2. Service URL

The service is available at <https://poi-us.abbby.com>.

2.3. Component versions

- Proof of Identity: 1.0
- Vantage Application: 2.3
- Vantage Platform: 0.24.1

3. Key features

3.1. Document-centric identity proofing and affirmation solution

ABBYY Proof of Identity uses IDs and trailing documents to confirm the customer's identity, in addition to facial matching to prove the applicant is who they say they are. The documents are fully analyzed, extracting the data and ensuring their authenticity.

3.1.1. ID reading and data extraction

All information from the ID document is extracted and organized automatically, ready to be used on the next steps of customer onboarding.

3.1.2. ID verification

The ID is scanned not only for the text fields, but forensically examined to ensure the validity of the document. If our examination finds it likely that the document was tampered with, the result will be flagged for audit.

3.1.3. Facial matching

The customer's right to use the ID they upload will be checked by matching their selfie with their ID document photo. During selfie capture, the program automatically ensures that the face is captured live, to exclude the possibility of uploading a faked selfie.

3.1.4. Trailing documents processing

In addition to the customer's personal identity, you may need to get other documents from them, for example to prove their residency. The customer may upload these trailing documents within the same workflow, and a tenant administrator can set up the types of trailing documents you require on the admin portal.

3.1.5. Fully automated processing

The user experience is designed to be intuitive, with tips on every step and automatic image capture on mobile. All processing is fully automated and does not require human intervention, although it is available if desired.

3.1.6. Manually verifying the data

After the documents are captured, the end user can optionally review the extracted information. Additionally, the automatic verification process will also flag transactions for manual review in a back office, if the selfie capture process or the state of the ID raise any suspicions.

3.2. Web UI for desktop and mobile use

ABBYY Proof of Identity user interface works from a web browser both on PC and on mobile devices. No app download is required. The selfie should be taken with a smartphone camera, but all other steps can work on PC and mobile, although we highly recommend to only use mobile capture and not enable PC file uploads as a best practice to avoid fraud.

3.2.1. Integration into a larger portal

ABBYY Proof of Identity is designed to fit into your portal and provide the identity confirmation service within the larger infrastructure you are using.

3.2.2. Customizable appearance to fit your brand

Seamlessly build ABBYY Proof of Identity into your website. Use the Admin UI to change the color scheme of the embedded service.

3.2.3. API integration

Instead of using our UI, you may design your own and provide the service by calling the Proof of Identity REST API. All calls to the API are secured using tenant access tokens.

3.2.4. Admin UI

When you first log in as a tenant administrator, a streamlined onboarding procedure helps you to receive credentials necessary to run workflows and set up your work with Proof of Identity. You will need to specify the types of ID documents and trailing documents your scenario requires and set up secure communication to your system that is going to receive the processing results.

3.3. ABBYY® Vantage platform

ABBYY Proof of Identity leverages ABBYY Vantage platform and capabilities and shares its tenant architecture. To log in as a tenant administrator to Proof of Identity, you will need a Vantage tenant with Proof of Identity access enabled. Once a tenant is fully set up in ABBYY Vantage, the Proof of Identity admin interface will be available to the tenant administrator with the same credentials.

4. Limitations and known issues

4.1. Scanning documents not working properly on iPad® with iOS® 13

A third-party component **express-useragent** has [an issue](#) with Safari® browser on iPad® with iOS® 13 installed. As a result, Proof of Identity may be unable to scan documents in this browser.

5. Technical specifications

5.1. UI languages

The service user interface is in English. Other languages may be supported in future releases.

5.2. Identity document types

The following document types are supported for ID capture:

- Driver's license (US, many variations)
- Passport (Global)
- Identification Cards (many variations)

While many document types from around the world are supported, there is significant variance in the level of machine learning for different types. For specific document support, please consult with ABBYY.

5.3. Trailing documents for identity affirmation

These documents are processed with ABBYY Vantage skills. Many of the skills are predesigned and are ready to go out of the box. Please see Vantage documentation for further details regarding support of various document types.

5.4. Device requirements

ios®

- iOS 13 or later
- iPhone X or later

Android™

- Android™ 8 or later
- Rear camera 12 MP or more
- Video recording capabilities — 2160p@30fps or more
- CPU with multiple processing cores with 2.2GHz frequency or more

© ABBYY 2022. ABBYY, Vantage and ABBYY Vantage are registered trademarks or trademarks of ABBYY Development Inc. and/or its affiliates. This designation can also be a logo, product or company name (or part of any of the above) of ABBYY Development Inc. and/or its affiliates and may not be used without consent of its respective owners. All other trademarks are the sole property of their respective owners.