

## Background

ZealiD ID Document API (also an integral part of the ZealiD TRA service) is designed to instantly scan and provide validation scores of more than 80 government-issued EU ID Documents (non-EU countries such as Switzerland also available). See <a href="www.zealid.com/repository">www.zealid.com/repository</a> for coverage data. The technology used is proprietary with external suppliers on artificial intelligence. As a rule, ZealiD operates as a data processor in the ID Document API service. Where integrated into the ZealiD app, ZealiD is a data controller.

## Scanning

ZealiD provides either a hosted smartphone pictures taking version of the service (web or via ZealiD app) or as a pure API. ID Document machine analysis performs a set of sequential operations designed to achieve six purposes:

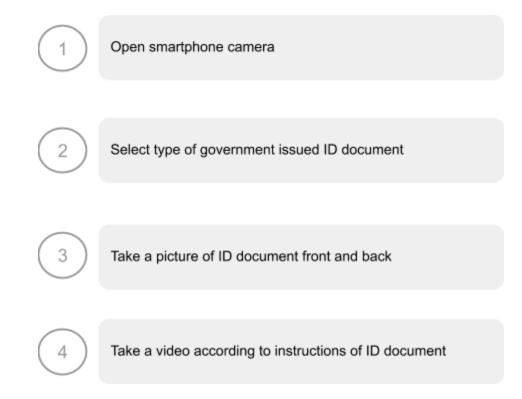
- 1. To assess what type of ID document a picture represents
- 2. To verify the ID document vs. model documents and produce a score
- 3. To read (optical character recognition, OCR) pre-printed ID document text and verify texts against templates
- 4. To read (OCR) the machine-readable zone (MRZ)
- 5. To read non structured data on the card
- 6. To compare and match ID data with other source data

## **User Journey**

The hosted version of the ID Document analysis will offer the user the following experience:







## Data Output

The ID Document API, or integrated versions of it, will output a number of data points:

- Personal Name (s)
- Nationality
- Date and Place of Birth
- Account information data
- Selfie picture where applicable
- ID Document Validation Score (1-100%)
- OCR Text Validation Score (1-100%)
- Cross-matching of data Score (1-100%)
- Optional Manual Vetting Step of ID document Picture and Selfie Match
- Optional Manual Vetting Step of ID document Secure (Kinetic) elements

