



# IDLive<sup>®</sup> Doc

## ID Document Liveness Detection



IDLive Doc is the first standalone solution for ID document liveness detection, an essential countermeasure to document-based presentation attacks. Preventing this type of attack is critical to ensuring the integrity of identity verification in a mobile or online onboarding process.

### Prevent ID Document Spoofs

IDLive Doc helps ensure that the ID document presented during mobile onboarding is live, present, and in the possession of its owner at the time of capture, and prevents bad actors from presenting an image of an ID document displayed on a screen. Without effective countermeasures to document-based spoofing, fraudsters pose the risk of conducting scalable attacks using easily-obtained images of ID documents.



**Live, present ID document in possession**

vs



**Digital screen display**

- Stops attacks that manual inspections miss
- Reduces time needed for manual review
- No capture-side software needed
- Works with a single image
- No OCR or collection of identity data

IDLive Doc applies artificial intelligence to detecting document spoof attacks that manual inspections cannot, and reduces the time needed for human visual review. IDLive Doc does not perform OCR or collect identity data, it does not require software on the device, and works with a single image of the document.

### Specifications

- Image orientation: Portrait or Landscape
- Minimum image size: 1080p
- Supported documents: Passports, ID Cards, Credit Cards, and other documents used for identification
- Allowed compression: Up to JPEG 70
- Operating systems: Linux and Windows

# IDLive Doc is the world's first solution dedicated to detecting ID document presentation attacks.

The product can be deployed with any ID document capture solution, and is compatible with any mobile device with a camera.

IDLive Doc is built on over 100 person-years of research and development focused on advanced machine learning algorithms, proper data collection and categorization, and training. The product uses computer vision techniques and extensive internal innovation to deliver unique liveness detection capabilities. With a single frame capture, we detect the document within the image, perform quality analysis on the image, and identify the presence of artifacts that are found in various types of presentation attacks.

-  Stops attacks that humans cannot detect
-  Reduces time needed for human visual review and inspection
-  No capture-side software
-  No OCR or identity data collected
-  Works with a single image without video or multiple image frames
-  Works with a variety of document types



## About Us

ID R&D is on a mission to replace fraud-prone onboarding and frustrating authentication practices with a frictionless user experience that is significantly more secure.

Founded in 2016, ID R&D is growing rapidly, with headquarters in New York City and staff based around the world. Our biometrics research and engineering teams are domain experts and industry veterans, with PhDs in speech, image processing, and machine learning.



Are you ready to learn more?  
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