



VALIDA - Print Detection

AI-based printed document detection for fraud prevention

VALIDA - Print Detection assesses whether documents are presented directly in the capture phase of an online identity verification process, preventing fraud in KYC scenarios.

VALIDA Print Detection allows companies to offer an extra level of security and prevent fraud by detecting recaptured images of documents through AI-based forensic techniques. VALIDA print Detection verifies whether the captured image of a document actually corresponds to a photo of the document itself or a printed recapture of the document being displayed.

- ✓ **Fast, compatible with scenarios that require response in real time.**
- ✓ **Agnostic to the type, content and language of the document: VALIDA - print Detection analyses ID documents, passports, driving licences, etc.**
- ✓ **Adjustable working points and thresholds.**
- ✓ **Easy and fast integration via API.**



Performance

Accuracy

VALIDA print Detection performance has been measured on several datasets comprising real-world data. The achieved working points in terms of detection rate and FRR (False Rejection Rate) are:

Detection rate	FRR
67.2%	1%
74.1%	3%
79.6%	5%

Recommended requirements

- ✓ OS: Linux 64 bits (Ubuntu 18.04 or higher) with Docker installed.
- ✓ Hardware: Google Cloud c2-standard-4¹ 4 CPUs@3.8GHz, 16 GB RAM) or equivalent machine.

For this setup the estimated **processing time** is **~0.8s**.

Integration

- ✓ REST API with sample code for multiple platforms and languages: Shell, HTTP, JavaScript, Node.js, Ruby, Python, Java, and Go.
- ✓ SaaS / Dedicated Cloud / On-Premises dockerized Deployment.

¹ <https://cloud.google.com/compute/docs/machine-types>