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BLINKID - REAL-TIME ID SCANNER



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www.microblink.com

PROBLEM ADDRESSED BY THIS INNOVATION:

SDK (Software Development Kit) for mobile apps for scanning various identity documents (ID, passports, driver licenses, all documents with MRZ or barcode).

KEY BENEFITS:

- Fast and accurate data extraction
- Works offline (without internet connection) for maximum security. All data is processed locally on a device.
- Simple integration into existing mobile app and designed according to client's needs.
- Improves user experience by eliminating manual data input and speeds up business processes.

PREVIOUS AND EXISTING CUSTOMERS:

Our worldwide customers' network in over 60 countries includes banks & financial institutions, telecoms, retailers, insurance, system integrators, startups and other service and production oriented companies. Some of the references in banking: Santander, Commerz bank, Intesa Sanpaolo, ABN Amro, Raiffeisen Group, ERSTE group, Sparkasse, Unicredit etc. Photomath app – mobile real-time math solver that has over 40M downloads and world's first that recognizes handwriting – is powered by Microblink's OCR technology based on neural networks and machine learning.

INNOVATION DESCRIPTION:

BlinkID is easily integrated into an existing mobile/tablet/desktop application that needed ID cards scanning. BlinkID is invoked during a registration or validation process when a data from ID cards should be read and transferred to other bank's IT systems (e.g. CRM, core banking app, self-care app). BlinkID uses a mobile device embedded camera (or any other camera) to extract in real-time all necessary information. It's simple API, works offline and a low memory footprint makes it very easy to integrate.

HOW DOES THIS INNOVATION ADD VALUE?

BlinkID enables scanning a vast range of identity documents with or without PDF417 barcode (present on South African ID cards and driving licenses) but also all documents with MRZ (Machine Readable Zone) according to ISO/IEC 7501 standard, which is found on most travel passports worldwide.

BlinkID is using a smartphone camera to replace manual data entry. Identity cards, passports or driver licenses are scanned in just a few seconds. BlinkID SDK is easily integrated into existing apps, providing a functionality of extracting all data from documents. SDK is constantly developed to include more formats without a barcode or MRZ (machine-readable zone). Scanning of both sides of ID cards is available for some countries as well as photo extraction.

Main advantages of the solution:

- Works in real-time, locally on a device, without Internet connection.
- High precision in extracting all data.
- A great tool to improve user experience in mobile apps.

For USA and Canada we support scanning of driver licenses for all states. Recently we made upgrades for Malaysian market. Besides MyKad now we can scan and read data from visas, work permits and iKad. From MyKad and iKad we extract all data, and for visas and work permits we make MRZ parsing.

Most popular use-cases for blinkID:

- simple mobile onboarding
- voters registration (USA)
- visitors and access management
- conferences and events registration
- airport check in and boarding
- hotels check in
- law enforcement