



Identity Document Capture and Authentication Solutions

Using Travel & ID Documents for Identity Verification



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AUTOMATE THE PROCESS OF CAPTURING AND AUTHENTICATING TRAVEL & IDENTITY DOCUMENTS

With increasing population mobility and international migration, the utilisation of ID readers and validation technologies to capture and authenticate travel & ID documents is becoming standard practice. Technologies that were previously limited to governmental applications are being more frequently adopted for commercial use to strengthen security and help prevent incidences of fraud.

More sophisticated criminality has led to changes in government legislation and business practices that lengthen Know Your Customer (KYC) and Anti-Money Laundering (AML) procedures. These additional steps add strain to the enrolment process and affect both customer and employee experiences.

The operational use of travel & ID documents to register for access to public, private and financial sector services is becoming ever more common. ID readers and validation technologies enable individuals, companies and organisations to follow the highest level of assurance standards in accordance with ICAO, NIST and other governmental bodies.

HID Global empowers people to access services, places and data through secure interactions. With its identity document and ticket reading business focussed on enabling the swift and secure verification of people's identities, payments and tickets.

Combining our specialist passport and ID card readers with proprietary and partner software, we help to automate and speed up the process of capturing and authenticating all major types of identity documents, including:

- Passports
- ID Cards
- Driving licences
- Biometric residence permits
- Machine-readable visas

Together, the use of modern identity documents and advanced document readers reduces the need for trained border security and identity document specialists, saving time and operating costs.

DOCUMENT SECURITY FEATURES

Travel and identity documents contain information such as the holder's name, place and date of birth, photograph, date of issue and other information.

Advanced security features, sophisticated printing techniques and the inclusion of biometric information embedded on passport microchips make them machine-readable and difficult to counterfeit.

SOFTWARE SOLUTIONS

SDK - Our Document Reader Software Development Kit contains all the necessary tools required to take advantage of the identity document readers' full functionality. The SDK contains sample code, demo applications as well as programmer guides to help speed up integration.

ADRS - Access-IS Document Reader Software offers a front end application for capturing images, machine readable zone (MRZ) and barcode data, while simultaneously reading contactless RFID chip data and biometric images – allowing standard document checks of ePassport and eID documents.

Scan & Fill - Helps clients to capture data from machine readable travel documents (MRTD) quickly and accurately – to populate user-defined data fields on web forms and applications without the need for software development or integration.

Data Capture - Retrieve information from Visual Inspection Zone found on non-ICAO compliant identity documents and international driving licences using Visual Inspection Zone OCR that supports multiple languages.

Automated Authentication - Verifies the authenticity of a document by performing tests on scanned images produced using visible, infrared and ultraviolet illumination. A wide range of authentication techniques are used for supported documents, performing tests on the printed security features and RFID chip certificate tests, cross-checking data from MRZ, RFID and Visual Inspection Zone.

Passport & ID Card Readers

KEY BENEFITS

- Automated, instant authentication of customer travel and ID documents
- Provides a Know Your Customer and Anti-Money Laundering compliant electronic record
- Speeds up and enhances customer buy-in and the enrolment process
- Eliminates errors from manual data entry
- Reduces the need for trained border security and ID document specialists, saving time and operating costs



ATOM Reader

- Ultra-fast operation
- Captures high-resolution images in visible, IR and UV
- Reads MRZ from ICAO 9303 compliant documents and ISO 18013 compliant driving licences
- ISO 14443 contactless RFID reader/writer
- Barcode reading
- 2 additional USB ports and 2 SAM modules
- Contact smart card & MSR reading with optional Expansion Dock
- Compatible with VIZ OCR and Authentication software

ADR100 Photo ID Reader

- ID-1 (credit card) sized documents
- OEM & Kiosk Integration
- Captures high-resolution images in visible, IR and UV
- Reads MRZ from ICAO 9303 compliant documents and ISO 18013 compliant driving licences
- Indoor and outdoor use
- Barcode reading
- Compatible with VIZ OCR software





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