

# ID Scan - Mobile



# The app for mobile ID check



Reading and verifying international identity documents with a smartphone is possible with the CII ID Scan - Mobile app from BPI. The coming years will be characterized by the further development and growth of digital mobility. At the beginning of 2015 there were more than 10 million smartphone owners in the Netherlands. Moreover, more than half of the Dutch are in possession of a tablet. This has led government organizations and companies to shift digital services to customers from PC applications to apps for smartphones and tablets. An important challenge here is to set up a reliable identification and authentication process.

ID Scan - Mobile integrates the latest technology for recording and verifying international travel and identity documents. The app uses standard smartphones with camera and NFC technology.

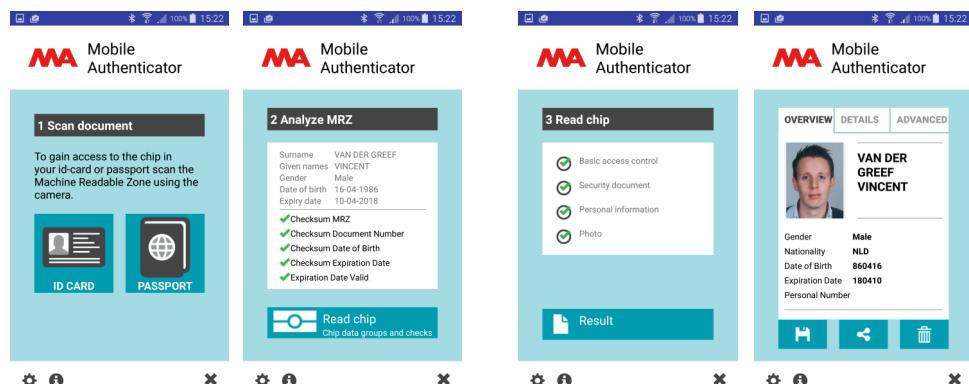
ID Scan - Mobile offers support to the (sub) processes: recording ID document, extraction data and characteristics, authentication characteristics, validation and processing.

## Recording ID document

The operation of the recording function is very intuitive and user-friendly. The user makes a recording of the identity document using an ICAO template.

ID Scan - Mobile ensures that the user always makes the recording in "landscape mode". The application provides an "capture" button and an "auto capture" function. If the smartphone or tablet has NFC technology (Samsung Galaxy, Google Nexus), the user can easily read the RFID chip from the passport or identity card.

The ID Scan - Mobile app takes care of the control and settings of the smartphone camera. This can prevent the user from making recordings with a high or low resolution.



## Extraction data and characteristics

ID Scan - Mobile has advanced image processing functions. In the development of these functions, BPI cooperates with experts who have a background with the Royal Military Police and the National Police.

After the document has been recorded, ID Scan - Mobile processes the image using unique filter technology.



For data extraction, ID Scan - Mobile converts the recordings to grayscale and the application provides the line patterns. This ensures ID Scan - Mobile reliable data processing.

With ICAO travel and identity documents, the data extraction provides the first name, last name, inserts, date of birth, nationality, document number, document type, expiration date, and possibly the Social Security number.

## Advantages

- ID check always available
  - User-friendly and reliable
  - Works on standard smartphones
  - Easy to integrate





## Authentication characteristics

BPI can implement a control process for various characteristics. The visual image of the identity document can be checked for the template, expiry date and check numbers. In addition to this, it is possible to check for substrate printing, micro text, pattern, and color recognition.

ID Scan - Mobile also provides verification of electronic security features. Basic Access Control (BAC), Passive Authentication (PA) and Active Authentication (AA) are available in the app.

## Holder verification

ID Scan Mobile can optionally also support the process of holder verification.

In that case, the app processes the recording of identity documents and a biometric modality such as face or fingerprint.

With a facial image, ID Scan can directly perform a comparison between the "live image" and the passport photo from the chip of the passport.

Pasfoto from ID chip



Live image:

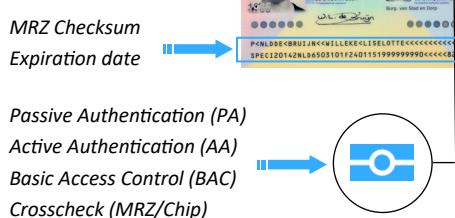


## About BPI

BPI specializes in electronic identification. Since 2002 we have been making products for reliable identification on the basis of proof of identity and biometrics.

Our product family, called ID Scan, is successfully deployed in organizations that set the highest requirements in the field of Safety & Security.

Examples are the Ministry of Security and Justice, the Dutch Police, various High Risk locations and Schiphol Airport.



## More information

Would you like more information or a demonstration? During a no-obligation introductory meeting we are happy to map out the options for your organization.

You can contact our sales department, through:

Tel: +31 (0)182 346 088

E-mail: [sales@bpiservices.eu](mailto:sales@bpiservices.eu)

## Processing information

As a final step in the process, ID Scan - Mobile processes the data. It is possible to process a limited or extensive data set.

The ID Scan - Mobile application can be integrated into an existing app or can process data with a secure web service.

