

South African drivers' license scanning

FRAUD DETECTION

All licenses are created using a public and private key thus making it near impossible for fraudsters to replicate cards.

ONE-TO-ONE IDENTIFICATION

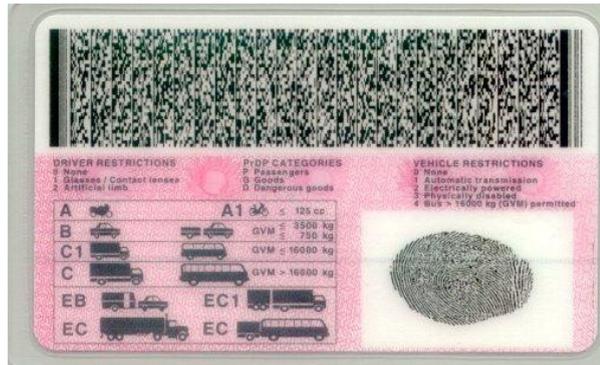
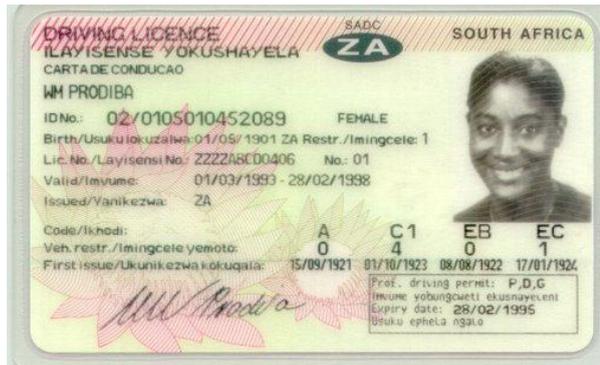
Each card contains photographic representation of the holder allowing for an immediate identity check. The photograph is also contained within the barcode.

AGE VERIFICATION

As the date of birth is contained on not only the face of the card but the barcode too, age -related lookups can easily be achieved. This information can prove invaluable when dispensing alcohol , tobacco etc.

AARTO VERIFICATION

With new legislation soon to be in place it is the responsibility of the owner of a vehicle to prove who was driving that vehicle at the time of infringement. Create a database of drivers for your fleet or car rentals today!



Your South African national drivers' license is more than just a card which entitles you to drive a vehicle. It contains information that if used correctly can unlock massive potential in many industries and applications ranging from access control at office parks, age verification at public events, automated form population and much more.

Each license contains a barcode and although heavily encrypted, the information contained therein including the holder's names, ID Number, date of birth, gender, license restrictions, validity period etc. can all be captured and used in a myriad of ways to enhance current I.T. solutions.

Even the picture of the holder as represented on the front of the card is embedded in the barcode! This makes it near impossible to create cards that are fraudulent and thus offers immense value to sectors such as car & trailer rental, financial services, security & events management, equipment hire and many other industries where proof of identification is mandated.

- Easily scan and link the owner of a drivers' license to the vehicle they are driving via its license disk for use in access control or fines redistribution as per new AARTO act.
- Check the validity of a license before allowing the person to rent or drive one of your company's assets.
- Ensure that you and your company don't fall foul of identity theft.
- Create a loyalty program within your organization by providing customers with quick and efficient access to their records and accounts, thus removing the frustration of completing tiresome application forms.

By using a combination of the latest range of barcode scanners for deskbound applications like administration tasks, booking out of vehicles etc. and mobile solutions for activities such as vehicle inspection or returns, Bartrans is able to offer powerful solutions tailored to your functional requirements.

The facility to add information such as digitally captured signatures, photographs, GPS co-ordinates, vehicle registration numbers etc. can all be embedded into your chosen solution.

ACCESS CONTROL

Use of the cards for access control to buildings, events, schools, government institutions etc. can easily be setup by simply scanning the card and/or the carriers fingerprint or other biometric data data.

AUTOMATED FORM POPULATION

As the barcode contains relevant information such as the holder's names, national identification number, date of birth, gender etc. it can be used to speed up data capture in the completion of forms at the point of sale .

LOYALTY CARDS

Instead of printing and issuing costly loyalty cards why not use the customer's drivers' license as an optional alternative. One less card that your valued customer needs to carry!

For more information on any of our products or services please visit us on the Web at:

www.actek.co.za

System Features and Benefits



Increased efficiency will be only one of the byproducts of the system at control points in your system. By scanning the barcode and automating the data capture process you remove human error and increase accuracy. This in-turn will lead to increased productivity and allow for fewer users to complete the same number of tasks. This is especially relevant in the retail and financial sectors where customer service is key to repeat business.

Data collected can be stored on mobile devices or transmitted either live to a back-end system via WiFi or 3G, or in batch mode using an Ethernet cradle or connection to a PC on the network. Data integrity can thus be controlled according to your organization's I.T. guidelines.

Another strength of the Bartrans offering is that for companies with the technical ability to develop and integrate their own solutions we are in a position to offer solely the hardware and Codecs required for decryption of the licenses. In cases however where the customer either does not have the resources or would rather wish to take delivery of a complete system we deliver such a solution.

System Requirements

- The system comprises a software license, also called a Codec, which enables either the Industrial PDT [Portable Data Terminal], Tablet PC or Desktop PC to decrypt the barcode.
- Currently the Codec only supports the Microsoft Windows platforms and this includes their Windows Mobile and CE operating systems.
- Licenses are paid for per device and they can be purchased for a period of 1 year or at a reduced fee for 5 years.
- As not all barcode scanners have imagers capable of reading and decoding the licenses it is recommended that Bartrans be consulted as to the correct choice of devices.

SERVICES AVAILABLE

- System design & specification
- Installation and Setup
- Application Support
- Hardware Support
- National service level agreements



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