



Create Secure ID Cards Instantly In More Places

Secure ID Cards in Africa



Reaching Out to Remote Areas

As the African economy grows, an increasing number of governmental institutions and commercial organisations need secure ID card solutions to offer financial services, as well as healthcare and other Government services.

Issuing these cards can be challenging, they need to be issued to a widely dispersed population. The answer comes in the form of Zebra card printers that are mobile enough to be taken to remote areas, that can incorporate printing onto cards with advanced security features, and go through the entire production process quickly, in one session.

Tailored ID and Financial cards

Reduce Fraud and Serve More People

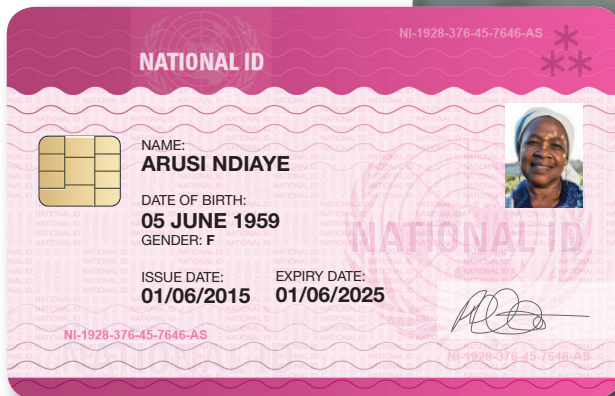
Secure mobile solutions enable financial and government institutions to offer their services to the public in remote areas. Advanced card security and technology features help minimise the misuse of these services and can, for example, help protect banks against money laundering. Zebra's solutions are extremely versatile and can be used in permanent offices as well as taken out into remote areas where flexibility is needed.

Technology now gives the opportunity to combine the needs of governments and financial organisations in a single bank and ID card. This minimises production and distribution costs while maintaining security, making it easier to open up access to yet more of the population.

Access to governments and financial service is crucial in rural areas and service providers can appoint Community Agents to gather proof of identity and issue cards securely, in line with KYC (Know Your Customer) policies and regulations.

A more affordable way forward

In remote regions, it's much more cost effective to send out mobile teams than to establish permanent branches. Organisations must also ensure that they can serve the needs of people who are remote from and unable to visit urban conurbations. Zebra solutions can help.

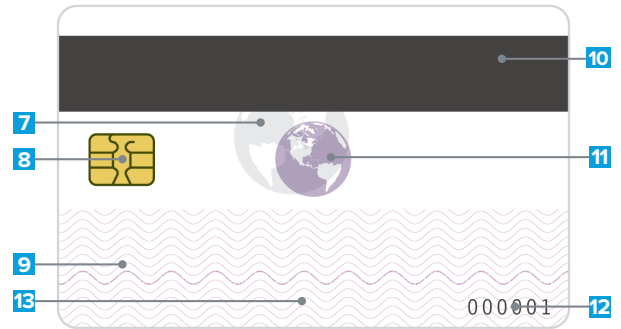
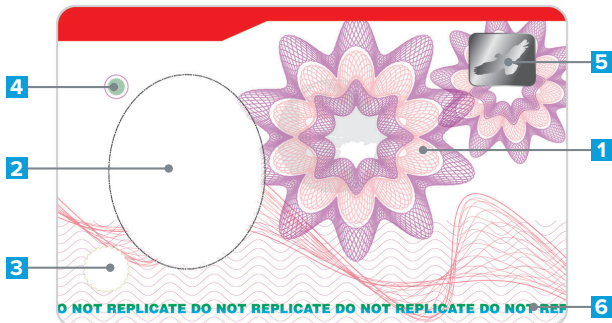


Zebra Secure Applications

For secure applications, Zebra also offers a rich choice of overt and covert security features including Guilloche patterns, photo boxes, clear windows, infrared ink printing, 2-D holographic foils, optical variable inks (OVI), opacity mark printing, contact chips and contactless chips, microtext printing, magnetic stripes, black light-reactive ink printing, and serialisation.

- 1 Guilloche pattern (overt)**
Highly complex, multiple-colour pattern generated by a mathematical formula. Virtually impossible to reproduce by copy machine or to re-create digitally.
- 2 Photo box (overt)**
A portion of the card design specifically allocated for the digital imaging of the card holder's photograph.
- 3 Clear window (overt)**
Card is constructed with a clear core material to deter any attempt to create a counterfeit card from common card stock.
- 4 Infrared ink printing (covert)**
Uses special ink that reacts (fluoresces) when subjected to a specific frequency of laser light.

- 5 2-D holographic foil (overt)**
Method of producing a two-dimensional image of an object by recording on a photographic plate or film the pattern of interference formed by a split laser beam, and then illuminating the pattern either with a laser or with ordinary light. 3-D holographic foil also available.
- 6 Optical variable ink (OVI®) (overt)**
Optical variable ink is a high-security feature showing different colours as the angle of view changes. Optical variable ink can have a support printing by a dark colour shade to get a deep colour effect.



- 7 Opacity mark printing (covert)**
An image is printed on the inner layers of the card material, making it visible only via the direct application of an intensely focused light source.
- 8 Contact chip (overt)**
An embedded microchip within the card layers that allows for large amounts of data storage and management. The chip is protected by a contact plate available in gold or silver.
- 9 Microtext printing (covert)**
Small text that is only visible with an 8x or 10x magnifying lens; typically has a deliberate misspelling or transposed character.

- 10 Magnetic stripe (overt)**
Magnetic band capable of storing data by modifying the magnetism of tiny iron-based particles.
- 11 Black light-reactive ink printing (covert)**
Uses ink that glows under an ultraviolet light. Available in red for added security.
- 12 Serialisation (overt)**
Unique numbering printed on the card specified by the customer.
- 13 Contactless chip (overt)**
An embedded microprocessor chip within the card layers that is read via radio signals rather than physical contact.

High security printing in more places

Whether in a permanent office or out in remote areas, Zebra card printers are the ideal tool for the job. They're easy to transport and can be used with a laptop or Android device.

They print ID and financial cards with finely detailed graphics, personal information, professional branding and secure encoded data. For extra protection, and increased card life, covert security features are available with our laminating solutions. Printer cover locks are also available to prevent unauthorised access to cards and ribbons.

Importantly, operators only need minimal training, so you can put your Zebra printers to work in a short timescale.



Zebra ZC300 Series

The small size of ZC300 Series printers makes them easy to carry out to remote locations, even on the back of motorcycles. Then it's simply a matter of connecting a laptop or Android mobile device for vivid full-colour printing with smart card and magnetic stripe encoding options.

Zebra processing technology makes the process fast and efficient – without sacrificing quality. Zebra offers the latest ribbon technology to provide extra durability and security. Overlays and watermarking provide added longevity or security options often needed for applications such as banking or government services.



Zebra ZXP Series 7

The ZXP Series 7 is Zebra's highest performance printer for any direct-to-card printing application and can include lamination, allowing you to add holographic and forensic security features onto a printed card. With colour coded guides and a clear multi-language LCD control panel, it's easy for anyone to use. Combining ID for government and banking services into one card can save time and resources.

Additional card security can be added with invisible text or graphics on the cards which ensure that printed information is only visible under a special light. To prevent fraudulent use of the printer the ZXP Series 7 printer driver offers host authentication and data encryption via user-defined keys.

Make It Happen With Our Trusted System Integrators In Africa

You can make the most of the technology offered by Zebra, by working with our African Systems Integrators (SI) partners. Professional organisations working in the Government and Banking sectors, offer you card issuing solutions that deliver enhanced operational efficiencies and the opportunity to build a complete, connected solution.

Find out how Zebra Technologies can help you reach more people across Africa with secure ID cards, visit our website www.zebra.com/cardprinters or contact us via zebra.com/contact

Alternatively, to discuss your needs in more detail, contact Zebra using the details below.



NA and Corporate Headquarters
+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters
+65 6858 0722
contact.apac@zebra.com

EMEA Headquarters
zebra.com/locations
contact.emea@zebra.com

Latin America Headquarters
+1 847 955 2283
la.contactme@zebra.com