

Identifying needs ... surpassing expectations

- + Cash Payment Solution
- + National Identification Solution
- + Electoral Solution
- + Driving Licence and Motor Vehicle Registration Solutions
- + AFIS Product
- + Mobile Registration Station
- + Solar Power Kit

FACE TECHNOLOGIES

IDENTIFYING NEEDS ... SURPASSING EXPECTATIONS

We develop, supply and implement business solutions for effective identification, focusing on biometrics and card technologies



IN A WORLD WHERE ACCESS CONTROL AND IDENTIFICATION MANAGEMENT ARE OF TANTAMOUNT IMPORTANCE TO COUNTRIES AND COMPANIES ALIKE, THE SERVICES AND PRODUCTS OFFERED BY FACE TECHNOLOGIES ARE BECOMING MORE VALUABLE BY THE DAY.

STRATEGY

Face Technologies, or Face as the company is commonly referred to, is an IT systems integrator specialising in card technology and biometrics. Founded in 1993, we have many years' experience in this specialised field.

Based in South Africa, Face has gained international respect over the years, having been the recipient of numerous international awards. We have clients in the welfare, government, telecommunications and financial services sectors, in both developed and emerging markets across multiple continents.

We focus on empowering businesses, organisations and governments to effectively identify personnel, clients and assets, and take pride in providing them with customised, seamless solutions. This, we believe, has placed us in a position to offer unrivalled experience in our industry. We have taken the time to establish and nurture strategic partnerships with international technology vendors, whilst choosing to remain product independent, so as to truly offer our clients the very best solutions the industry has to offer.

MISSION

We aim to develop, supply and implement business solutions for effective identification focusing on biometrics and card technologies.

BUSINESS VALUES

We take our commitment to our clients very seriously. We are customer-focused and strive to become a trusted technology partner and advisor to our clients. We not only provide them with appropriate solutions, but also empower them with relevant training and skills transfer, helping them to understand specific technology and how it applies to their situation.

We have served numerous clients for several years and these clients will attest to the fact that we forge long-term relationships with them. We have also worked hard at getting to know their business challenges inside out in order to provide them with effective and cost-effective solutions.

COMPREHENSIVE SUPPORT GOES FULL CIRCLE

Face is all about delivering business value and applicable, cost-effective solutions. We view our offering in terms of a circle of life ... we offer support and solutions for every stage of your organisation's journey throughout its lifetime.

Years of dedicated research led us to design our 'Circle of Life and Beyond ... Framework'. Our vision is to provide citizen-centred service delivery solutions. This framework specifically recognises the requirement for an integrated, single, logical, individual identification and authentication database.

At the centre of the framework is a single, integrated database of basic information on people. Government and non-government organisations are given the opportunity of interfacing with this data and, in return, permit interfacing with their own databases by means of a common key, such as a unique national identity number allocated to each registered person.

Face not only provides customised solutions for the various components within this framework, but facilitates integration with solutions in external environments.

The following diagram illustrates how the **Face Circle of Life and Beyond... Framework** operates:



A practical way in which to explain the Circle of Life is that:

- + Life starts with **birth** which is registered in the national population register and a birth certificate is issued.
- + **Education** follows birth and in this phase, student cards are issued to students.
- + In the **coming of age** phase a person might require an identity card, a driving licence, a vehicle registration certificate, a firearm licence and a bank card.
- + Prior to **elections**, voter registration takes place and votes are cast.
- + For **travelling** purposes, people need passports, as well as visas for passage through international borders.
- + The **marriage and family** phase necessitates the registration of marriages and the issuing of certificates. Social assistance grants, including disability and foster child grants, are also governed by this stage of the Circle of Life.
- + **Non-citizens** are also managed by this solution. Refugee cards and work permits may be issued.
- + During **retirement**, social assistance grants and pension payments are dealt with.
- + **Death** is recorded in the national population register.



FACE TECHNOLOGIES' SOLUTIONS INCLUDE THE FOLLOWING:

Experience has taught us that each country's context is unique and, therefore, each project necessitates an in-depth understanding of your country's particular requirements. We also appreciate the importance of data integrity and security when it comes to gathering national information, as well as putting the system in place. This is why we use a partnership approach for each project, from the initial identification of your requirements and defining system specifications, through to implementation.

All our solutions are customised to meet each client's individual requirements. We provide end-to-end solutions which can include all our client's requirements. These can include components such as project/programme management, business requirement analysis, software development, building refurbishment, provision of hardware, and training and skills transfer.

We have carefully positioned ourselves to be vendor-independent by not entering into exclusive agreements with any technology supplier. This long-term strategy has enabled Face over many years to evaluate the requirements of the customer and then source the most appropriate solution for our valued customers. Therefore, we are able to interpret our customer's unique requirements and then carefully select the most appropriate, applicable and cost-effective components that will meet each client's unique business requirements.

As an independent system integrator, Face is not bound to specific products and can implement turnkey solutions tailored to meet your specific needs.

+ Identification solutions

Face provides solutions that extend from a single stand-alone identification (ID) system to large integrated national ID systems. We at Face are biometric experts and we, therefore, incorporate biometrics in the ID solutions we offer. This ensures secure, credible and true identification of groups of people, whether they be citizens or employees.

Face is not restricted with regard to card technology and can provide a range of card products, from laminated paper cards to PVC and other state-of-the-art materials, including smart cards.

+ Electoral solutions

Face has vast expertise in designing, developing and implementing customised, integrated election and voters' registration solutions internationally. We offer a single, comprehensive solution for hosting local and national elections in their entirety. Our efficient project management team will ensure quality of work according to predetermined requirements and will see to it that targets are met in terms of deliverables, timing and cost. Through consultation, planning and design, Face will support your government in the process of identifying its requirements and defining system specifications.

+ Driving licences

Face has developed a core solution for driving licences which is customised to meet the client's local legislation requirements, as well as other unique requirements. To date, this solution has been adopted by several countries. The major benefits of our secure card are that it is impossible to reproduce without special equipment. It has visible security features to facilitate a quick visual check and it contains invisible and/or confidential security features for a second-level check.

+ Motor vehicle registration

Apart from using this solution to register motor vehicles, it is also used, amongst others, for the purpose of issuing registration plates and motor vehicle permits, deregistration of motor vehicles, change of vehicle particulars, change of ownership of a motor vehicle, financial information and accountability, transaction auditing and management information reports.

+ Cash payment

Face has extensive experience in designing, developing and implementing integrated mobile cash payment systems for social security welfare purposes. This solution includes the creation of a secure database, as well as the personalisation and issuing of cards. The cash payment solution ensures fast, efficient payments to large groups of people. Payments are made on-site and reconciliation of all payments is made electronically after payment days.

PRODUCTS

Face has developed a host of products that can be easily included in our solutions above, or be provided separately. These products are customised to meet each client's individual requirements.

+ Automated Fingerprint Identification System (AFIS)

The AFIS package comprises all aspects required for setting up complex identification applications such as a high-speed matching engine, fingerprint search-database management and client-server architecture. The AFIS has a scalable architecture, allowing the matching server component to be installed on several matching computers to distribute the workload and increase matching speed. Therefore, the AFIS can search large-scale databases ranging from hundreds of thousands to hundreds of millions of fingerprints.

Unlike other more costly AFIS systems, Face's AFIS runs on standard PC hardware and is easy to set up. The matching server can be installed either on one computer or on several computers, facilitating workload distribution and increased matching speed.

+ Mobile Registration Station (MRS) and Solar Power Kit

The mobile registration station (MRS) is used for the capturing or verification of citizens'/voters' information for registration purposes.

The station is fully mobile and has its own built-in batteries providing power for up to 12 hours of operation, without the need for mains power. The customisable MRS allows for the capturing of data such as photo, fingerprints, iris, signature and text data, using customised software. The MRS is built into a ruggedised, lockable IP67 carry case.

The ruggedised solar panel uses solar energy to charge internal batteries that are used to charge the MRS batteries. The solar panel is designed to meet urban or rural

conditions and is custom-built to meet clients' individual requirements. The panel folds up for easy transportation. The batteries and power management are built into a ruggedised, lockable IP67 carry case.

+ FT200 Handheld Device

The Face Technologies FT200 is a mobile handheld device that, together with our customised software applications, provides solutions for rapid, on-the-spot identification, verification and law enforcement connectivity to central databases. The FT200 offers secure communication with local printers via Bluetooth and remote computers via GPRS, 3G or Wi-Fi. An integrated fingerprint reader allows reliable biometric verification. Applications such as voter authentication, driving licence verification and other law enforcement activities have been developed for use with the FT200.

+ Card Production Facility (CPF)

The actual card printing technology is also customised to meet each individual client's requirements. Card output can range from 100 per hour to 1500 cards per hour.

A secure card personalisation facility is established to ensure controlled entry to the facility. Computer hardware maintains the various processes such as:

- Database management
- Card printing scheduling
- Card printing
- Quality assurance
- Card dispatch
- Technical support
- Reporting.

+ Live Capture Unit (LCU)

The LCU consists of a PC/notebook, mounted camera, lights, fingerprint reader, signature pad, printer and customised software.

The LCU software application is designed according to the functional specifications agreed on between Face and our client.



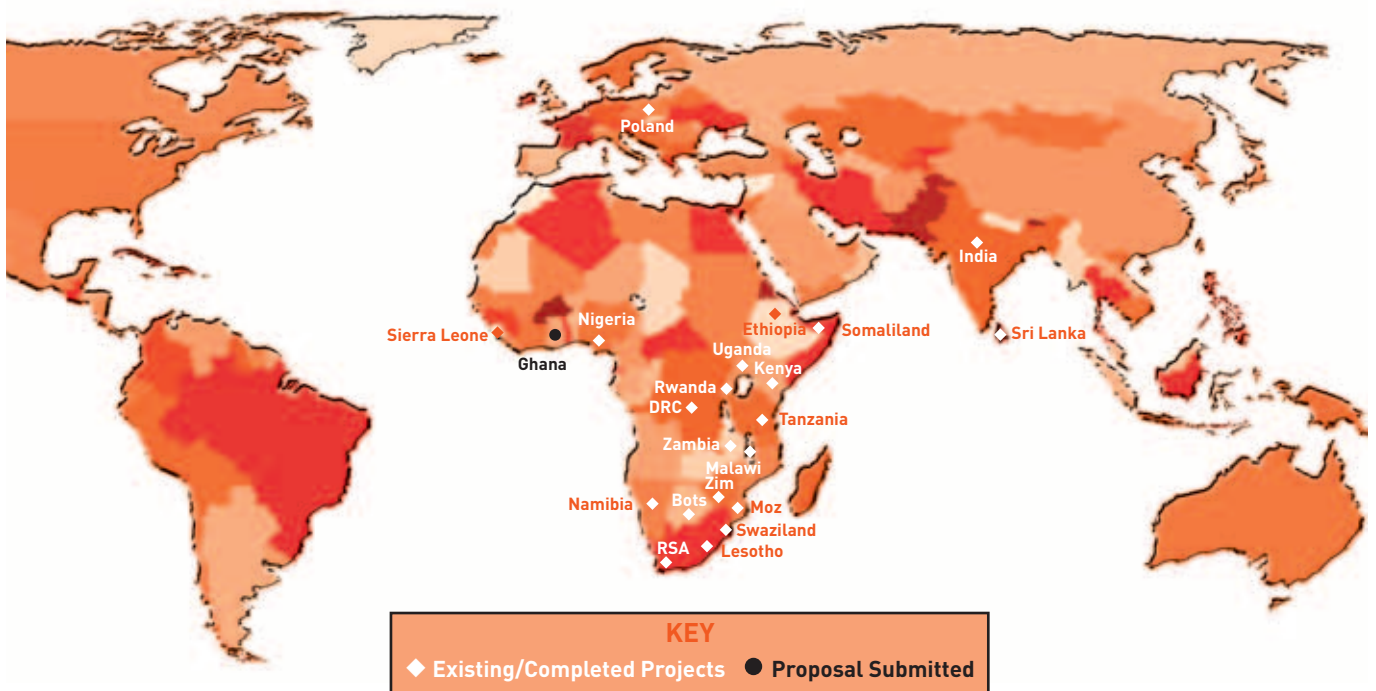


TRACK RECORD

- + South Africa**
1994 Temporary Voters' Cards; Driving Licence Production (ISO9001:2008 Certified); eNaTIS Traffic Information System (ISO9001 Certified)
- + Botswana**
National ID and AFIS; Pension Payments
- + DRC**
Police ID; Civil Workers' Registration and AFIS; Military Census; Driving Licences and AFIS
- + Ethiopia**
Taxpayers' Biometrics Registration and AFIS
- + India**
Bihar State NREGS and AFIS
- + Kenya**
Voter Authentication Devices

- + Lesotho**
Electoral Registration System and AFIS
- + Malawi**
Driving Licences; Motor Vehicle Registration System and AFIS
- + Mozambique**
Driving Licences; Motor Vehicle Registration System; Voters' Registration and AFIS
- + Nigeria**
Taxpayers' Biometrics Registration and AFIS
- + Namibia**
Welfare Payments; Driving Licences; Voters' Registration
- + Somaliland**
Voters' ID Cards
- + Sierra Leone**
Voters' Registration System
- + Sri Lanka**
Driving Licences (ISO9001:2008 Certified)
- + Swaziland**
Electoral Management System
- + Uganda**
Driving Licences and AFIS; Police ID and AFIS
- + Zambia**
Driving Licences; Motor Vehicle Registration System

INTERNATIONAL FOOTPRINT



SAMPLES FROM EXISTING CLIENTS



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