Moving towards modern identity programs

Securing identities
Protecting privacy
Enabling trusted eServices
Challenges of modern national identity schemes
Allowing citizens' identification and personal data protection, but also the duty to protect their identity, are perfect examples of the responsibilities that come with a State’s right of sovereignty. Today citizens need to be empowered with modern identification means that give them the opportunity to access on-line services in a secure way without disclosing more data than what is necessary.

Moreover, the fight against cybercrime and the creation of a framework of trust for the digital world, are also challenges for security in relation to official, legal and guaranteed forms of identification. The promotion of the widest possible dissemination of electronic exchanges can drive effectiveness for the public sector with e- and m-Government but also contribute to private sector competitiveness and overall digital economy growth in the country.

KEY PILLARS OF MODERN IDENTITY PROGRAMS

THE MAIN OBJECTIVES OF GOVERNMENTS TODAY

- **Build a modern, secure civil register** on which public services and administrations can confidently and sustainably rely
- **Establish a reliable biometric electoral register** to strengthen transparency and democracy
- **Modernize identity documents** in order to help actively combat document fraud and increase levels of trust at both national and international levels
- **Ensure compliance** with international identity and travel document standards
- **Help to strengthen the bond** between public services and citizens
- **Optimize costs and modernize services using a shared and future-proof platform** for the creation of identity documents and the delivery of public services for all government authorities
- **Lay the foundations** for a modern, digital economy adapted to the country’s development and priorities
- **Provide citizens with a guarantee** that their data is protected and can be exchanged in confidence
How much does it really cost? According to recent figures, ID theft is escalating and the consequential costs to national economies are skyrocketing. The most serious examples of document fraud are crimes against residence, asylum as well as many fraudulent attempts to gain social welfare benefits. In Germany in 2011, for the State of Hesse for example, each forged document (2011 Police Crime Statistics, German Ministry of Interior) accounted for losses of about €50 000.

Gemalto’s approach to identity
Improving security, slashing ID fraud and theft and creating a secure infrastructure for on-line public and private services are high on every government’s agenda, with a call for greater security and privacy features and the necessary legislation to implement them.

Gemalto believes that a modern digital economy will rely on the implementation of a reliable digital identity for citizens, ensuring a good level of trust in the internet and the mobile devices of the future, with interoperable authentication and signature solutions, through the implementation of secure portable devices (“secure elements”), such as identity cards & driving licenses with microchips, SIM cards as well as many other innovative devices.

Our worldwide experience has shown that the implementation of these secure mobile devices is essential for the unreserved adoption of solutions by citizens, who must carry this physical object with them – a digital safe containing their identity, personal data and rights – enabling strong authentication through up to three factors: “who I am” (my identity, my biometric data), “what I have” (my secure mobile device) and “what I know” (my confidential code).

Considering the positive changes, it seems essential to rapidly encourage the widespread deployment of such reliable and secure identifications systems, while protecting identity, personal data and private lives.

eIDs for residents
The European electronic Residence Permit (eRP) is now widely implemented in Europe. It provides temporary residency entitlement for non-EU citizens. Governments are registering significant cost savings and slashing identity fraud as well as illegal immigration.

In 2014, Gemalto has become the largest supplier of these eID cards with the UK and France new references.
At the crossroads of secure printing and embedded software development

Gemalto has a unique combined expertise in security printing and digital security.

Gemalto has a background of secure government printing dating back to 1886 with the acquisition of Setec, formerly Finland’s National Printing House in 2005. Printing expertise includes banknotes, stamps and identity documents with a long track-record in innovation.

In 1989, the company issued the first polycarbonate ID document (the Finnish driving license) and the first passport with a polycarbonate data page in 1995 (Finnish passport). In 2001, Gemalto was the first to produce the Department of Defense Common Access Card (CAC) and we continue to provide these credentials today. The first multi-application Java-based national eID card was launched in 2003 in Oman by Gemalto. In 2005, we began producing the Swedish, Norwegian and Danish e-Passports. Our innovation and the long term relationships we establish with our customers have led to more than 80 references across the world, the latest being the issuance of the contactless South African eID in 2013 using biometrics and new security features such as Edge Sealer.

Gemalto is working closely with national polices and printers on aspects of security features and document design.

2014 innovation

The security printing industry has long pursued to unite the benefits of laser-personalized polycarbonate ID with the detail and richness of color photography. Color photo protected with overlay resulted in compromised card integrity, while personalization at the time of manufacturing made issuance entirely inflexible. Now Gemalto makes it possible to print a high-resolution color photo directly inside the card body using post-production technology.

Gemalto Color in Polycarbonate is the first laser printing solution to deliver an unalterable color image combined with the high security and exceptional durability of polycarbonate.
Our operating system lies at the heart of the security of every electronic ID program. Gemalto’s product range is constantly evolving, with both security enhancements and performance improvements, through microchip multi sourcing and introduction of new generation silicon platforms.

We have a recognized expertise in cryptography, through an industry-leading group of crypto-analysts, several hundred patents in cryptography and security and over 40 products with Common Criteria and ITSEC certification. We also develop our own crypto libraries to ensure timely counter measure updates to guarantee resistance to latest-known attacks. Intense tests and component qualification are done by our R&D team - from radio frequency performance to security and cryptographic performance.

Gemalto is also actively contributing to the work of standardization bodies and organizations such as ISO, CEN, and others. As a result, our products are in full conformance with the latest standards.

In April 2013, Gemalto ID Motion earned the EAL7 assurance level—the highest attributed to IT security evaluations meeting the Common Criteria standard. No other smart card software has ever met such a stringent and exhaustive set of requirements providing unparalleled security levels.

Gemalto is a leading provider of PIV certified products and the preferred choice for a number of government customers and contractors wanting to comply with HSPD-12. We have more than 10 products in our portfolio approved by NATO and published in the official GSA FIPS 201 AP List.
Innovation and design expertise to help you create your ID

The new UK Driving license introduced in 2013 and the new eID card of the Republic of South Africa are using Gemalto’s eco-friendly Gemalto polycarbonate portfolio of secure documents, fitted with unique security features such as Gemalto Edge Sealer, a laser engraving process applied during the production stage to the edge of the polycarbonate document, adding an additional layer of security.

True to Gemalto’s longstanding tradition of innovation, the Gemalto Window counterfeiting deterrent presents an all-new breakthrough in ID, driver license and Passport security. Its ingenious design incorporates a transparent opening that is impossible to delaminate or fake.
Strength of a reliable and trusted partner

Expertise under a single roof:
> Card body manufacturing
> Secure printing and other graphical security features
> In-house software, secure software and crypto libraries development
> Expertise in Common Criteria certification and intellectual property
> Personalization solutions and issuance services
> Development and deployment of enrolment and verification infrastructures
> Choice of applications from e-purse to secure voting enabling many use cases
> Design expertise to help you create your secure document

Industrial leadership
With a world-class supply chain, Gemalto has the capability to deliver large volumes to support national rollouts of secure electronic identity documents:
> A multi-sourcing policy, leveraging several different manufacturers
> In-house manufacturing for maximum efficiency and reduced lead times
> High-capacity manufacturing and disaster recovery facilities.

EMPOWERING GOVERNMENT PROGRAMS AROUND THE WORLD

> Government programs very often require partners with industrial strength. Gemalto’s global presence is key to the way we serve governments and authorities, with 15 manufacturing sites and 34 personalization facilities strategically spread across every continent. Beyond this, it’s our 12,000 employees of some 113 nationalities who make the difference.
When issuance means trust and quality of services for citizens

**eDocument issuance**
Gemalto Issuance Platform, Gemalto’s solution is equipment-agnostic and works with all major brands of personalization equipment. Its flexible design is suitable for both centralized and decentralized issuance and works with both desktop and industrial personalization machines. It can also be easily linked to one of the many Gemalto personalization sites around the world to enable business continuity and disaster-recovery policies.

This solution was initially developed to serve Gemalto’s own needs and is used in our factories to issue over 1.5 billion secure documents per year. This guarantees a clear roadmap for new features, support for new mechanisms and new personalization equipment.

**Card Management System**
Registration and issuance are bundled so that the status of a document can be followed up throughout its life cycle. The workflow is flexible and when a document is reported lost or stolen, it can be added to a watch list (such as the Interpol database of lost or stolen documents) while an automated renewal is processed.

In order to facilitate the citizen’s experience, we offer SMS gateway services to provide SMS notification (to let them know their passport is ready for pick up) and delivery and renewal services through self-service kiosks.

**PKI infrastructure**
With Gemalto PKI, Gemalto can also support governments in setting up their PKI infrastructure, the backbone of eID documents security.

**SMS-based citizen services: simpler, faster, safer**
SMS bring high level of convenience for citizens by replacing communications usually done through postal mail. Information is carried in real-time, anywhere and anytime. Mobile telephony being so pervasive, SMS-based services benefits a very large base of population.

For governments, SMS bring cost savings and increase the quality of services.

We can help your project be even more effective with our rich experience in:
- SMS-based notifications (ID or certificate renewal requests, issuance information)
- PIN delivery
- PIN reminders

Your national eID card has just been sent to you
Modernizing the civil register

Civil Register
Each state has a responsibility for issuing identity documents that ensure citizens exercise their rights and benefits from all legal entitlements – from voting rights, healthcare cover and social benefits such as education and freedom to travel. Civil registration provides the basis for individual legal identity.

For most governments the national civil register is the primary way to manage the records and rights of their citizens and is an increasingly key matrix in the issuing of different identification documents. It plays an important role in security, by increasing the reliability of information relating to the identity of citizens within a single, central database, and reducing potential identity theft and fraud in areas like social security and taxation.

The Gemalto solution for civil registers takes into account a diagnostic of the legacy procedures in place. Gemalto’s offer is based on a set of technological building bricks (enrolment, central database, biometric database) each of which can be tailored to the individual needs of each country.

From Gabon to the Sultanate of Oman, Gemalto has been delivering solutions that enables a sustainable use a national civil register for the benefits of public services and administrations.

Gemalto has the capacity to mobilize the human and production resources, as well as the multi-disciplinary project teams, necessary for state modernization programs. As a result, Gemalto can make a clear commitment to its government clients, guaranteeing the successful implementation of an efficient, reliable and secure civil register.

The modernization of the civil register guarantees the reliability of the bond between the citizen as an individual and society as a whole. When modernizing the civil register, the objective for the state is to:

> Manage its demographics more effectively
> Generate and protect the identities and personal data of its citizens more effectively
> Manage archives and the history of the nation more effectively
More reliable voting processes

Biometric Voter registration
Electoral commissions have the delicate task of maintaining reliable, up-to-date electoral registers as part of the preparations for an election, from acquiring data (voter’s name, surname, date/place of birth, etc) in the field, to processing the data locally, then centrally and searching for and eliminating duplicates.

Gemalto has a wealth of experience in electoral enrolment, through deployment of various centralized or decentralized solutions.

Biometric voter registration in Burkina Faso, Africa
On December 2, 2012, the people of Burkina Faso elected 127 members of parliament together with 18,584 municipal officials in the first concurrent elections to be held in the small West African nation. Some 4.4 million Burkinabés cast their votes at 14,687 polling places.

ELECTORAL ENROLMENT SOLUTION

Its solution sets itself apart from the rest of the market in the following ways:
> Robust mobile units, tested to US military standards (MIL-STD-810)
> A high level of ergonomics
> Flexible interfaces to build the best suited data flows
> A dedicated supply chain capable of managing rapid supply of components, assembly of kits, quality control and delivery within the shortest lead-times.
> Knowledge transfer using specific training methods

Gemalto’s electoral enrolment solutions have been tested in real-life situations in the context of several international calls for tender.
Securing voter authentication for more transparency

The voting process is still predominantly manual and paper-based. As a result, it is often labor-intensive, time-consuming and vulnerable to fraud. However, modern technology can deliver significant improvements such as speed and reliability to a critical phase of an election process: voter authentication just before a ballot is cast.

For election commissions, numerous benefits can be reaped from the modernization of authentication methods. In particular they can:

- Take advantage of investment in enrollment campaigns, leveraging biometrics to improve voter check-in at polling stations on the day of an election
- Ensure the “one voter, one vote” principle and therefore enhance the credibility of elections
- Provide additional tools to validate election results
- Generate electronic audits and reports
- Discourage opposition groups from contesting election results

Gemalto Mobile Voter Authentication Terminal

The Gemalto Mobile Voter Authentication Terminal is an easy-to-use, handheld, high performance Android-based device that provides an efficient and reliable method of authentication at voting stations.

The Gemalto Terminal will help answer these three key questions:

- Is the voter registered on the electoral list?
- Is the voter the person he or she claims to be?
- Has the person in question already voted?

THE COESYS TERMINAL OFFERS:

- Clear notification of voter authentication results : green/red LED indication plus an audible warning
- Laser for quick and efficient reading of voter ID barcodes
- Ergonomic handheld design with potential for desk-based use as well
- Secure Access Modules (SAM) to ensure fully protected data management and storage
- Robust solutions to protect and secure terminal access

Designed for the election process

Security, ease of use and transparency are key elements of the voting process. Particular attention has been paid to readability and autonomy.
From ID to Mobile ID

What is Mobile Identity?
As Government agencies and companies need to provide access to online services on mobile devices, they are facing the challenge to offer the same security level currently available with cards on desktops or laptops. Mobile Identity offers convenience and security. It enables people to sign documents via mobile digital signature, perform business transactions, access medical records, submit taxes and engage in a wide array of personalized online services wherever they are, over their mobile network.

Gemalto Mobile ID solutions
One of the greatest assets of Gemalto Mobile ID solutions is the ability to extend usage of smart card based national eID schemes and leverage on new devices such as tablets or smart phones for more convenience and increased mobility.

Complementing the national eID card, Gemalto Mobile ID solutions add the true mobility factor into the eGovernment services.

Gemalto mobile technology enables NFC smart phones and tablets to act as a reader of the contactless eID card: citizens can therefore use their identity document to access e/m-services in a secure way from the same device or from a PC without the need of any additional equipment.

In addition, to cope with user acceptance challenge, Gemalto can also use the mobile phone as a signing and authentication device. Using their mobile phone is natural for almost all users and using a SIM card makes secure access available to anyone who has a mobile phone even a basic one.

Gemalto leverages on its Valimo Wireless activities. It is the leading solution provider for mobile user authentication and digital signatures with over 20 on-going projects and enabling millions of users to start accessing government services with enhanced security. Among those projects, 8 are used specifically in national eID schemes to secure the access to eGovernment services.

Gemalto Mobile Solutions can add even more integration and ease of use by adding authentication services in the embedded Secure Element (eSE, TEE) of many modern phones.

Moldova
Moldova is introducing an innovative range of mobile-based eGovernment services called Mobile ID. This program offers citizens the speed, privacy, convenience and transparency of digital access to numerous government services and information sources, including online applications and copies of official documents. They will be able to confirm their identity and sign documents directly from their mobile phone by entering a unique PIN that they can choose themselves. Gemalto is providing Orange (which has more than 50% of the country’s mobile subscribers) with an end-to-end solution that is compatible with all types of mobile phones – not just smartphones – and that will offer its subscribers in Moldova seamless access to Mobile ID.
In 2013, TDC, a major Nordic mobile operator, started offering its subscribers secure online and mobile access as part of the local BankID solution used in Norway for secure identification and signing online. The new Mobile ID feature works across all networks and phone types, and has already been adopted by over 270 service providers in the country including major banks, numerous other commercial organizations and government agencies. Valimo, a Gemalto company and leading solution provider for mobile user authentication and digital signatures has been chosen by TDC in for its Mobile ID secure login solution.

In 2014, Gemalto’s Mobile ID solution is enabling all mobile users in Iceland to use strong authentication and legally-binding signatures that are essential to securing banking and eGovernment services.

Derived identities
Derived identities enable citizens to use additional identity credentials on different platforms to secure their digital transactions. Security is guaranteed because the trusted common root to generate these credentials is their official eID document. For example, a citizen can use its secure eID to create a trusted mobile ID onto his/her mobile. The derived credential could then be used to identify, authenticate or even sign directly via the handset. That is precisely what Oman is doing with Gemalto solutions.
Recognizing that not everyone has the same level of technology proficiency, Gemalto has taken a citizen-centric approach to smart card-based web service delivery with an eservice solution that has plug-and-play connectivity from any computer. Users have only to make a simple mouse click at their first connection.

Gemalto eGov 2.0 enables strong authentication, centralized signature and identity federation to form the basis of a national eGovernment infrastructure. It provides a shared future-proof platform for the use of electronic identity and the delivery of secure public services.

To make access to eGovernment services even more inclusive, the solution is compatible with all the world’s most widely used browsers. Engineered to deliver the highest possible level of online security, Gemalto eGov 2.0 enables digital signatures for both PDF documents and online forms. It’s a multi-authentication solution that supports OTP, PKI, Mobile PKI and login/password schemes.

**Solutions for online authentication and signature**
By offering the capacity for secure electronic authentication and digital signature, Gemalto’s solutions can prove the eID versatility for use in a multitude of everyday activities – travel, online declarations, payment for public services.

Complementing the national eID card, the Gemalto Mobile ID enables governments to put the citizen electronic ID into every pocket that holds a mobile phone. Gemalto Mobile ID enables governments to put the citizen electronic ID into every pocket that can hold a mobile phone.

**SECOND-GENERATION EGOVERNMENT DEPLOYMENT FOR OMAN**

Citizens and residents of Oman can securely access eGovernment services using the authentication method that best suits their lifestyle. The solution works on any personal computer and does not require the end user to install additional software. Acting as a turnkey solution provider and systems integrator, Gemalto is delivering the complete Gemalto eGov2.0 software suite together with related services including training, support and maintenance. The full solution encompasses strong authentication and digital signature using the eID card, as well as mobile authentication using a mobile handset.
Secure e/m-Government: transforming the nation

A 2014 study from the Secure Identity Alliance (SIA) and the Boston Consulting Group reveals that eServices rollout and a trusted digital identity are intrinsically linked. It is impossible for the former to be successful without the development of the latter.

According to the Secure Identity Alliance’s survey, it’s a task that would allow governments around the world to realize some $50bn annual savings through effective eServices provision by 2020.

We will see our trusted digital identity as a key enabler of our everyday life. Not only that, we will also use our digital identity or a derivation of this root identity in a host of timesaving applications from signing a contract to unlocking a rental car booking in our name. This opportunity will create a wealth of new services pushing the boundaries of what is possible today.

mGovernment in Finland

Gemalto Mobile ID is transforming the Finnish eID scheme into a mobile success story by delivering a comprehensive mobile PKI platform to the leading Finnish MNOs. Rollout of the mobile PKI and PKI SIM cards began early 2012. Today, every mobile phone user has the option of activating an eID credential for their mobile phone.

The strong authentication device is in the palm of every Finn’s hand. Many financial and government services exploiting the mobile PKI are already active.

The Tax Administration of Finland managed to reduce its cost per transaction from €10-50 to 0,20-0,50
The deployment of secure identity systems and applications comes with the introduction of solutions to securely and efficiently manage the identity document during all its life cycle: from data collection and issuance phase to verification and usage in the field.

To support customers in their deployment program, Gemalto has developed a complete set of services. As every customer environment and needs are unique, our solution comes with end to end consulting and integration services to support the customer in all the steps of the Government program.

Alongside with our own products and solutions, Gemalto brings together best-in-class partner Hardware and Software products to deliver a solution perfectly matching with customer needs and environment. In addition, Gemalto can leverage on a large network of local partners in a wide range of applications and services.

Whatever the needs are (deploy enrollment stations countrywide, set up a personalization center for your secure document or e-government services), Gemalto will mobilize the right team and the right partners to support you throughout your project.

With more than 20 years of experience in identity solution integration, Gemalto is your reliable system integrator for your Identity project.

Gemalto services:
results with peace of mind

GEMALTO DOCUMENT DESIGNERS WILL HELP DESIGN YOUR NEW NATIONAL DOCUMENTS FOR THE LONG TERM.
Operating on your behalf
The deployment of secure identity systems and applications requires governments to structure a range of operations – from data collection, issuance to verification and usage in the field. Many have looked to outsourcing elements, like production and personalization services, or engaging a partner to manage the entire service in order to gain technical and operational expertise and the latest technology.

Results with peace of mind – Gemalto Services
To support customers in their secure identity programs, Gemalto’s Services provide a complete set of solutions covering enrolment, issuance, eVerification and eGovernment applications. It allows governments to focus on core competencies, simplify interfaces and outsource operations like secure ID issuance to a reliable partner capable of providing local facilities, infrastructure and operational teams. This flexible solution delivers significant cost savings (for example eliminating investments in facilities, IT infrastructure and hardware), lowers operational costs and optimizes human and financial capital by turning fixed costs into variable costs.

Benefit from our full experience without financial nor operational risks
Gemalto Services come with end-to-end consulting and integration services to support customers in all the steps of their government programs. Whatever the needs, Gemalto will mobilize the right teams and the right partners.

SWEDEN: OPTIMIZING INVESTMENT FOR QUALITY PUBLIC SERVICE

With the aim of providing a quality service and optimizing taxpayers’ money, Sweden turned to Gemalto to set up and manage an operation center in Stockholm for national eIDs. The increasing complexity of the technical environment, the difficulty hiring qualified IT and operational personnel and lengthy procurement cycles to upgrade technology were all strong reasons for the Swedish printer to outsource to Gemalto. This operated service has freed up national resources from non-core activities like printing ID documents, logistics management and issuance to focus on front line citizen services.

The Swedish eID under UV light – detail of microprinting on transparent polycarbonate edge.
Conventional mobile inspection is usually limited to visual inspection. The new Gemalto Mobile Verification Terminal delivers an extensive set of electronic verifications to check document authenticity and verify identity.

It is an Android-based mobile biometric device that combines a FIPS-201 certified, 500 DPI fingerprint sensor, a 5 MP Autofocus camera and contact/contactless smart card reader.

The terminal is designed for field operations, with protection against dust and water, high-capacity battery, secure data management (SAM card).

It is a fully mobile inspection system, with online/offline verification, biometric matching and the support of all security mechanisms defined for the electronic documents. The components feature a 1GHz processor and an integrated 4-in-1 connectivity combo that provides support for dual-SIM 3G communications, dual-band 802.11n Wi-Fi, Bluetooth 4.0 and GPS. This modular architecture allows the integration of additional devices (as MRZ reader ...) or the connection of additional devices such as a mobile printer.

**Tailored to your project and your implementation**

The Gemalto Mobile Verification Terminal can be customized for your inspection officers. It supports many languages and display modes. It displays citizen data (administrative data and facial image) and biometric verification status.

Linked to back-end infrastructure, the solution can work with any type of watch lists and network security infrastructure (textual and AFIS watch lists, immigration databases etc.) and linked to any type of information databases (document status, issuing or expiration date and all additional document information).

**All terminals are GO**

Gemalto makes estate management easy by providing a single central solution adapted to your fleet.

The Terminal Management System is a complete set of integrated tools that lets you manage your mobile devices cost-effectively, from anywhere.

You can control the devices remotely, check their status, generate asset and activity reports, install and update software, control and secure their physical access and application installation. You can also troubleshoot, diagnose and fix problems, configure and provision the system, manage the network and the security properties of every device. Most importantly you can lock or shut down a device if you need to.
References in over 80 Government Programs

Over 80 e-Identity projects, including 25 ePassport, 24 National eID/eRP, 7 eDriving License, 18 eHealth

Over 60 turnkey solutions / managed services 17 Enrolment, 38 Issuance, 7 e-Verification, 10 e-Gov

ePassports
- Algeria
- Belgium
- Burundi
- Cap Verde
- Czech Republic
- Denmark
- Gabon
- Estonia
- France
- Hong Kong
- India (diplomatic)
- Ivory Coast
- Korea
- Latvia
- Malta
- Moldova
- Morocco
- Norway
- Oman
- Poland
- Portugal
- Turkey
- Singapore
- Slovenia
- Sweden
- USA

Driving Licenses
- Australia eDL (Queensland)
- El Salvador (eDL)
- France (eDL)
- Greece (DL)
- India (eDL)
- Ireland (eDL)
- Mexico (eDL)
- Norway (DL)
- United Kingdom (DL)

eHealthcare
- Algeria
- Antigua
- Azerbaijan
- Bulgaria
- China
- France
- Gabon
- Germany
- Italy
- Mexico
- Puerto Rico
- Slovenia
- Spain
- Sweden (doctors)
- Turkmenistan
- United Kingdom (doctors)

ID & Resident Permits
- Bahrain (eID)
- Belgium (eID/eRP)
- Czech Republic (ID/eID)
- Denmark (eID)
- Ecuador
- Finland (eID, RP, Mobile ID)
- France (eID)
- Greece (eID)
- Hong Kong (eID)
- India (Mobile ID)
- Ireland (eID)
- Kuwait (eID)
- Lithuania (eID)
- Mongolia (eID)
- Oman (eID/eRP/Mobile ID)
- Portugal (eID/eRP)
- Qatar (eID/eRP)
- Saudi Arabia (eID)
- South Africa
- Singapore (ID)
- Spain (readers)
- Sweden (eID/eRP)
- Tunisia (ID)
- UAE (eID)
- UK (eRP – 2013)
- Benin (Voter Registration)
- Burkina Faso (Voter Registration)
- Gabon (Voter Registration)
- USA: DoD cards (military)
- Tachographs in 15 countries
About Gemalto

Gemalto, a Thales company, is a global leader in digital security, bringing trust to an increasingly connected world. We design and deliver a wide range of products, software and services based on two core technologies: digital identification and data protection.

Our solutions are used by more than 30,000 businesses and governments in 180 countries enabling them to deliver secure digital services for billions of individuals and things. Our technology is at the heart of modern life, from payment to enterprise security and the Internet of Things.

We have built a unique portfolio of technology and expertise including physical and digital identity credentials, multiple methods of authentication – including biometrics – and IoT connectivity as well as data encryption and cloud service protection. Together, these technologies help organizations protect the entire digital service lifecycle from sign-up to sign-in and account deletion with data privacy managed throughout.

Gemalto is part of the Thales group, a €19bn international organization with more than 80,000 employees in 68 countries worldwide.