



Secure Documents Issuance System

system-ne™

Oberthur Technologies:

Your Unique Interlocutor

Oberthur Technologies provides secure documents issuance systems; system-One is available for enrollment, personalization and delivery, including hardware, software and services for deployment. This system is modular based for flexibility & adaptability to integrate most technologies and further evolutions. Oberthur Technologies customized systems are secured at different levels (process, application security...) and reliable.

Data Collection and secure enrollment

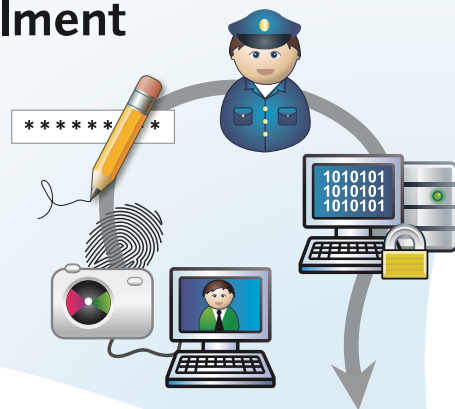
Oberthur Technologies helps customers to define the best way to enroll citizens and provides the corresponding hardware materials and software:

- Decentralized desktop enrollment stations
- Fully-automated enrollment stations
- Portable enrollment stations
- Centralized enrollment stations

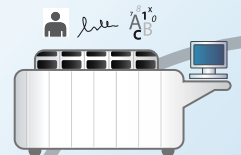
The software allows the following captures:

- Facial images relevant with ICAO standards
- Fingerprints
- Iris
- Personal data

The software integrates several biometrics technologies. An AFIS (Automated Fingerprint Identification System) can be added to compare the presented fingerprints to a central data base.



Document personalization



Secure Documents: ID-One products

Oberthur Technologies combines proven expertise in chip card manufacturing (over 20 years experience of development on secure microcontrollers) and secure printing (167 years high secure printing technologies for banknotes printers) to deliver the ultimate support for smart identification documents.



Our secure documents:

- Are passports, national identity cards, driving licenses, voting cards, military cards, secure access badges, health cards...
- Are available on all kind of substrates: secured paper, plastics: PC, PETF, PVC
- Include all printed security features: security inks, optically variable device, substrate & inclusions, laminate & overlay, security revelator and proprietary features are available
- Are compliant with international high security standards: PIV, ECC, ICAO, EAC
- Include high level technologies in their operating systems: biometric On-Card Comparison, contactless, advanced cryptography (elliptic curves)

Advantages of choosing system-One by Oberthur Technologies:

With worldwide issuance system references Oberthur Technologies proved its mastery in project management with its integration, maintenance and support services.

Oberthur Technologies guides its customers in defining the schedule and implementing the management tools required to complete customers identity projects on time.

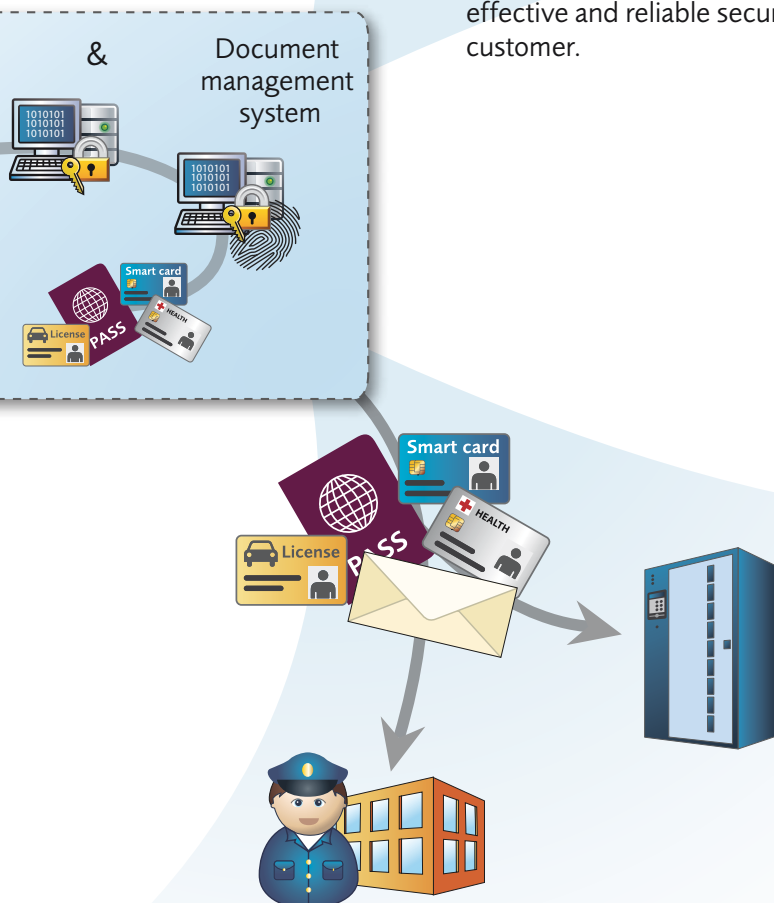
Oberthur Technologies customizes systems in the best secure and reliable way.

Issuance system references

- ePassport: Philippines, Belgium, Lithuania
- ePassport personalization system: Finland
- eID card: Monaco
- eHealth cards: France
- Passport: Andorra, Lesotho, Liberia, Georgia, Democratic Republic of Congo
- Visas: Burkina Faso, Costa Rica, Democratic Republic of Congo
- Resident's permit: Guinea

Personalization and document management

- system-One is flexible, modular-based and can integrate any outside solution of personalization modules, personalization equipments and/or workflow.
- The document personalization system is a key component of the overall system, deeply related to the specifications of the document. It includes files processing, data preparation, key management and interfacing with the electrical and graphical personalization equipment. In case of centralized personalization, the system must take into account the workflow of data and goods, stock management, work orders.
 - Oberthur Technologies chooses the best partners for its equipment and workflow software and fully integrates them to provide a coherent, effective and reliable secure personalization system as requested by the customer.



Document delivery

Oberthur Technologies provides modules to verify citizen's identity before delivering the document. It can be a live fingerprint comparison, a smart card + PIN code verification, a receipt application to be checked / barcode reading... This module can include different materials such as document checker, fingerprint reader, smart card reader and/or barcode reader.

Delivery can take place:

- face-to-face with an administration agent
- automatically at a vending machine

Global expertise, Local solutions

Why Oberthur Technologies?

Active in over 70 countries throughout the world, Oberthur Technologies is the ideal partner for any secure identity project.

Passports, national identity cards, driving licenses, voting cards, military cards, secure access badges, health cards – the Identity Division of Oberthur Technologies is present in all markets, both in public and private sectors.

In 2009 Oberthur Technologies personalized over 650 million electronic documents. Oberthur Technologies is a strong local partner: 6000 people at your service throughout the world.



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Oberthur Technologies respects the environment.

The number of printed brochures produced by the company has been significantly reduced to save paper. Printed documents are produced on FSC-certified paper using aqueous inks to reduce environmental impact. Datasheets are available in electronic format only.

Electronic documentation can be downloaded in PDF format from www.oberthur.com