



Safety and aesthetics hand in hand

electronic identity card
also in digital form

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ANY Security Printing Company PLC has a diverse portfolio of products, among others in the range of document cards such as residence permits, refugee cards, driving licences, student cards, voter's cards, etc. A special type of document card is identity card, used to identify citizens. Electronic identity cards in addition to being used for personal and electronic identification, as a travel document or a health insurance and taxpayer identification, can also be used for digital signatures on e-government services. Today's documents are both physical and digital data carriers with a range of security features and anti-counterfeiting protection, their decorative, colourful graphics also display national symbols in a country-specific way. However, behind the attractive exterior, hidden features ensure that the products have the highest levels of security and protection against counterfeiting.

In our Document Security Laboratory, our experts work every day to incorporate the highest level of protection and the easiest-to-verify, proprietary security features into the documents, making life more secure and easier for authorities and individuals.

Creating a new document is an extremely complex process, which requires joint reflection with representatives of the relevant areas of public administration.

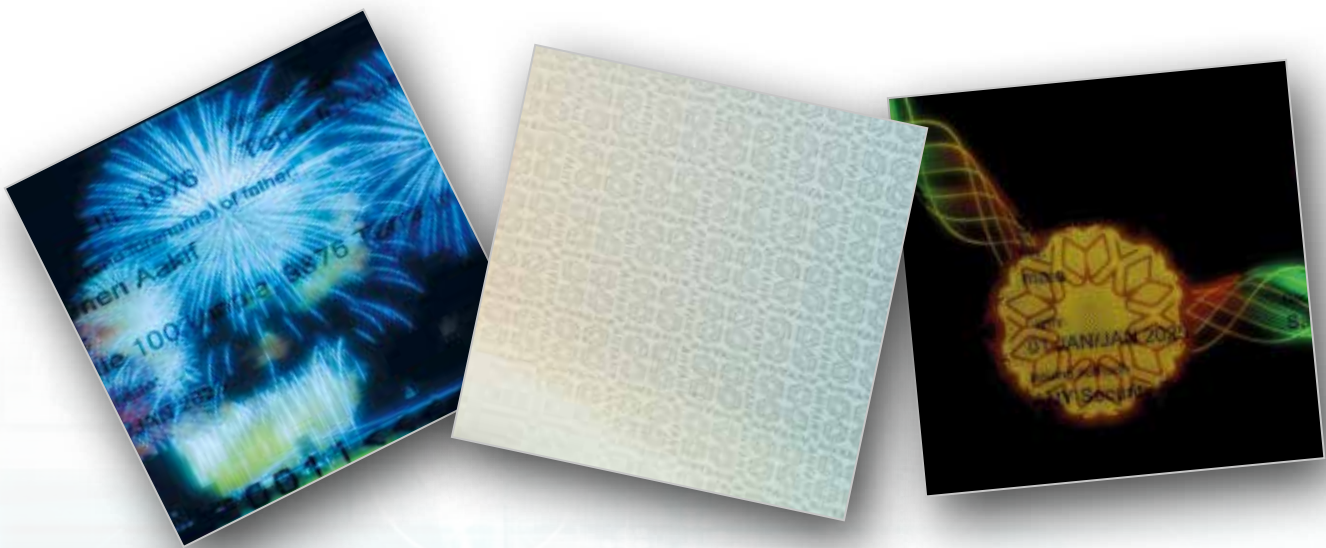
Our services include the complete issuance management, know-how, design, data capture, document production, personalisation, verification, the delivery of security solutions for the decentralised and centralised issuance of documents, even in a digital form.

ANY's comprehensive consultancy and complex production process have been trusted by over 50 countries around the world, which are all using at least one of the Company's products.

About the production

ANY undertakes the whole design and manufacturing process with safe, closed technology and a certified and ratified safety and production-technology system. The documents with unique, exclusive security solutions, developed by our Document Security Laboratory, are produced in an audited environment in accordance with the strictest data security regulations.

ANY offers fully ICAO compliant ID cards, carrying much more security elements than it is obligatory.



Security graphics

document design, may be recognisable in normal light and under UV view as well, multi-level security feature

Offset and screen printing

UV prints, rainbow printing, in-house developed security features, numerous IR absorbing, fluorescent and optically variable inks

Hologramming and laminating

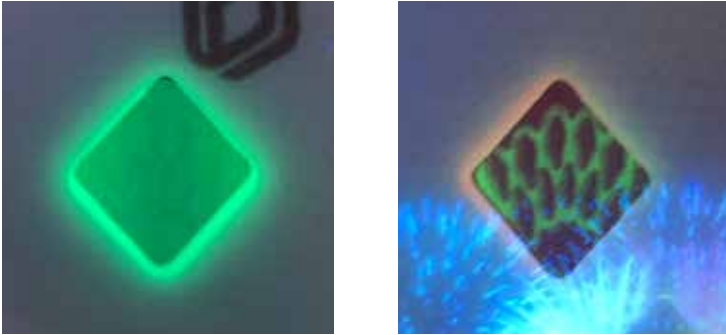
application of different types of holograms, tactile embossed elements and various special lamination features

Personalisation and chip embedding

high security, multi-application platforms, laser engraving, thermo transfer

IN-HOUSE DEVELOPED SECURITY FEATURES FOR POLYCARBONATE CARDS

Dual-Glow window



Invisible UV fluorescent clear window feature, which shows two different emission colours on the front and backside.

The Dual-Glow transparent window security design element is our Document Security Laboratory's latest development. Under daylight, the card's clear window is completely transparent. The invisible UV fluorescent clear window's feature shows two different UV emission colours on the front and backside. This unique solution combined with graphic patterns gives an easy tool to verify the document's authenticity.

MA – mark advanced

Invisible colourful fluorescent image. A unique printed feature that is completely invisible in normal light but becomes visible under UV 365 light.



Front side

Daylight



UV-A



UV-B





Matt finish
lamination
effect



Microtext



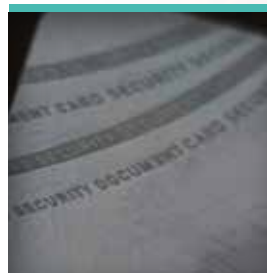
CLI/MLI
feature



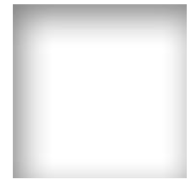
Photo
protecting
transparent
hologram



Braille



Embossed
and debossed
tactile script



Deliberate errors



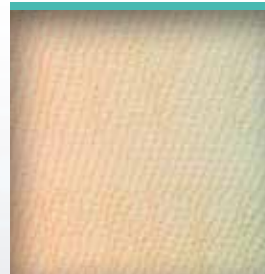
Colour - changing print



Line width modulation - protects against professional counterfeiting



Hidden ghost image
invisible image under the colour-changing print, verifiable by IR cameras



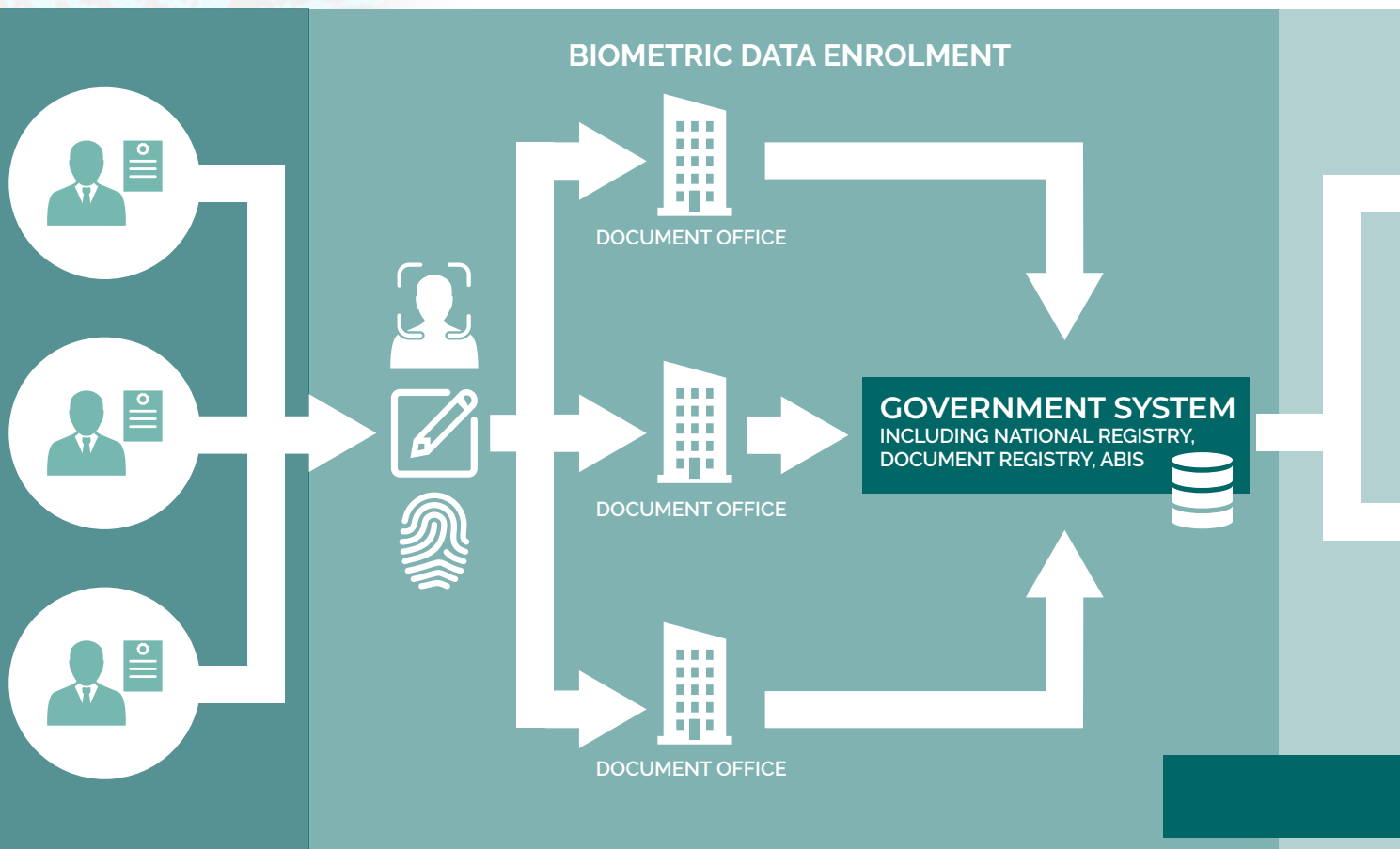
Rainbow printing

Document issuance system

ANY Document Issuance system is a unique and complex solution of ANY Security Printing Company PLC to execute the whole processes of any document issuance of public administration. The company implements the complete hardware and software solution consisting of biometric data capturing and enrolment, data management system, document production and personalisation, which is tailored to the customer's requirements and needs.

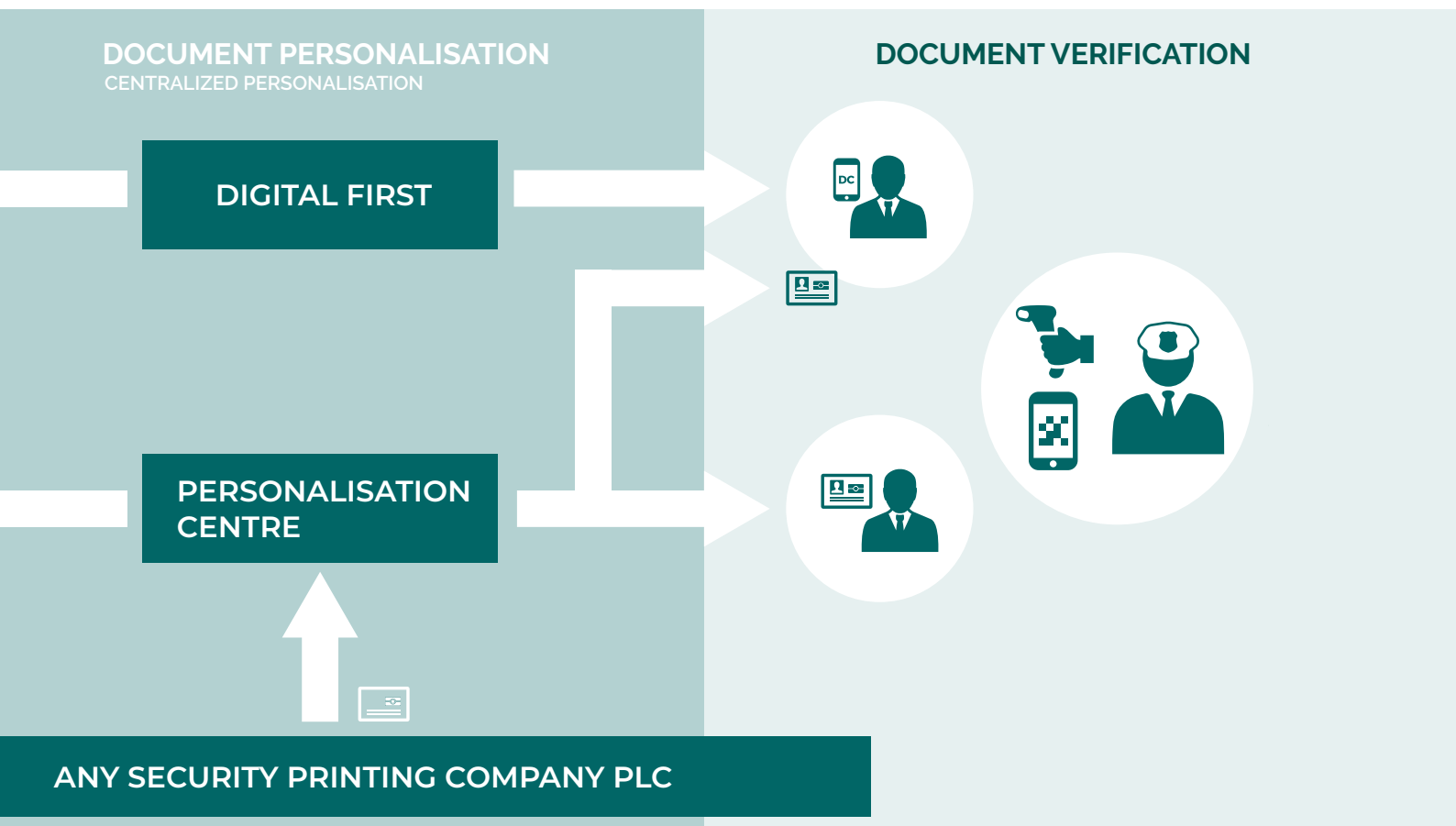
The document includes the proprietary software modules, integration with partner and 3rd party components and support services. The solution provides a central system with central database for application management, identity management connected to biometric database engines (fingerprints, face, etc.), stock management and production management.

ANY Document Issuance system solution has several functional modules, which can be implemented as a stand-alone, or as an integrated, complex document issuance system.



THE MODULES ARE:

- data enrolment (fixed and mobile devices; offline functionality as well)
- biometric data capturing
- case and data management including data verification and approval workflows
- identity management, including ABIS
- document register and management
- data validation and approval
- batch creation
- data preparation
- document production
- document personalisation
- quality assurance and control
- PKI Systems (if needed; ICAO/DS and GovCA; nPKD/SPOC, IS)
- inventory management
- logistics support
- Management Information System with dashboards
- distribution



Document Checker

customisable document checker and person authenticator application

Our latest development simplifies the verification of a document or the authentication of a person based on biometric, personal or document data. Identification based on biometric data (even without physical document).

The customisable document checker and person identification application can be a great tool in the hands of various authorities, which may include border control officers, law enforcement officials or even government agency administrators.

- low cost and easy implementation
- all-in-one, intuitive application
- connectable to both national and international databases
- complex background system for secure operation
- multiple authentication possibilities
- customisation for individual needs
- offline operation



MAIN AREAS OF USE



BORDER CONTROL

- passport renewal or border control system installation project
- easily identify people without using fixed terminals



LAW ENFORCEMENT

- check identity documents even in areas without an active internet connection
- compare the citizens' portrait with up-to-date criminal records



GOVERNMENTAL OFFICES

- applying for a new document or proving one's identity
- citizens identification by portrait photo or fingerprint

Digital Citizen

mobile identity platform

Our solution combines mobile identity with physical products, enabling documents besides being physically produced on paper or card, to be available and authenticated on mobile devices as well.



TICKETS Flight Festival/Concert Theatre/Movie Stadium/Arena Office	PERSONAL ID Personal ID - photo & signature Address card Social security Student ID Tax card	CAR DOCUMENTS Car certification Service book Accident diary
DOCUMENTS Contract Property data Certificate Diploma	FINANCIAL Bank card Account data Loyalty card Credit history	HEALTH Blood type Vaccination certificates Chronic diseases Inserted metal implant

Based on the partner's requirements - by creating a new system or adapting to the existing infrastructure and database - all different types of personal identification documents, such as identity card, driving licence, passport, visa, refugee's card, residence permit, work permit card, student ID card, employee registration, medical documents, shall be uploaded, stored, and authenticated with the use of ANY's application.

KEY CHARACTERISTICS, BENEFITS

- easy to use
- quick to implement
- ability to present multiple documents at the same time
- highly secure, forgery proof, unchangeable
- offline control with authentication result in the control device – ANYtime, ANYwhere
- sustainable alternative to traditional documents
- under intellectual protection all over the world



ANY Security Printing Company PLC

About the Company

ANY Security Printing Company PLC was founded in 1851. The Company is one of the leading security printing companies and an identity solutions provider in the Central Eastern European region. Its head office is located in Budapest, Hungary. With more than 1000 employees in 5 countries at 10 premises, its goal is to make people's everyday life more secure and more comfortable. The Company's shares have been listed on the Budapest Stock Exchange in the premium category since 2005.

ANY does not only produce documents, it also provides secure person identification, innovative product identification and data logistics in large volumes.

The Company specialises in providing products and solutions for state administrations. These products and solutions for governments are varying in numerous fields: identity cards (e.g. residence permit, refugee card, driving licence, student card, voter's card), paper-based documents (e.g. breeder document, election forms), documents for person identification (e.g. passport, visa) and other official documents as well as vouchers and excise and tax stamps. ANY offers modular products and complex services in the process of document issuing. Its references, special technology, security preparedness, more than 170 years of experience and 12 domestic and international certificates guarantee that it can offer the best possible products for its Customers.

References

- Hungarian electronic identity card
- Sri Lankan ID card, driving licence
- Hungarian ePassport
- Vanuatu passport
- Driving licences in more than 4 countries
- European and Ghanaian health insurance card
- Schengen (for 3 countries) and Guinean, Cameroonian, Angolan visa stickers, Ivorian diplomatic visa
- Hungarian, Ivorian and Yemeni excise, tax and revenue stamps
- EU residence permit
- Election forms in 3 countries
- Vouchers for Sodexo Group
- Norwegian and Burundi vehicle registration certificate
- Georgian sea services book, seafarer's documents

Domestic and international certificates

- certified bidder and securities producer of Hungary
- authorised supplier to NATO (up to NATO "Secret" level)
- Industrial Security Clearance up to NATO and EU "Secret" level, system licence for classified data management
- Industrial Security Clearance up to national "Strictly confidential" level, system licence for classified data management
- ISO 9001 quality management system certificate
- ISO 14001 environmental management system certificate
- ISO 27001 information security certificate
- ISO 14298 certificate (Central Bank level, Governmental level)
- ISO 45001 occupational health and safety management system certificate
- AQAP 2110 certificate
- MasterCard Card Quality Management certificate

Value-added services

- decades of experience in document production and issuing
- special inks and additives, printers and control devices developed by ANY
- full lifecycle management of issued documents
- know-how transfer



Our products are manufactured using cutting-edge technology coupled with our staff's innovative professional knowledge. Our references, special technology and security preparedness guarantee that we can offer the best possible product for our customers. Please do not hesitate to contact our colleagues if you have questions.

ANY SECURITY PRINTING COMPANY PLC

☎ +36 1 431 1200

🌐 www.any.hu/en/

@ info@any.hu

✉ Halom utca 5, Budapest 1102, Hungary

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