

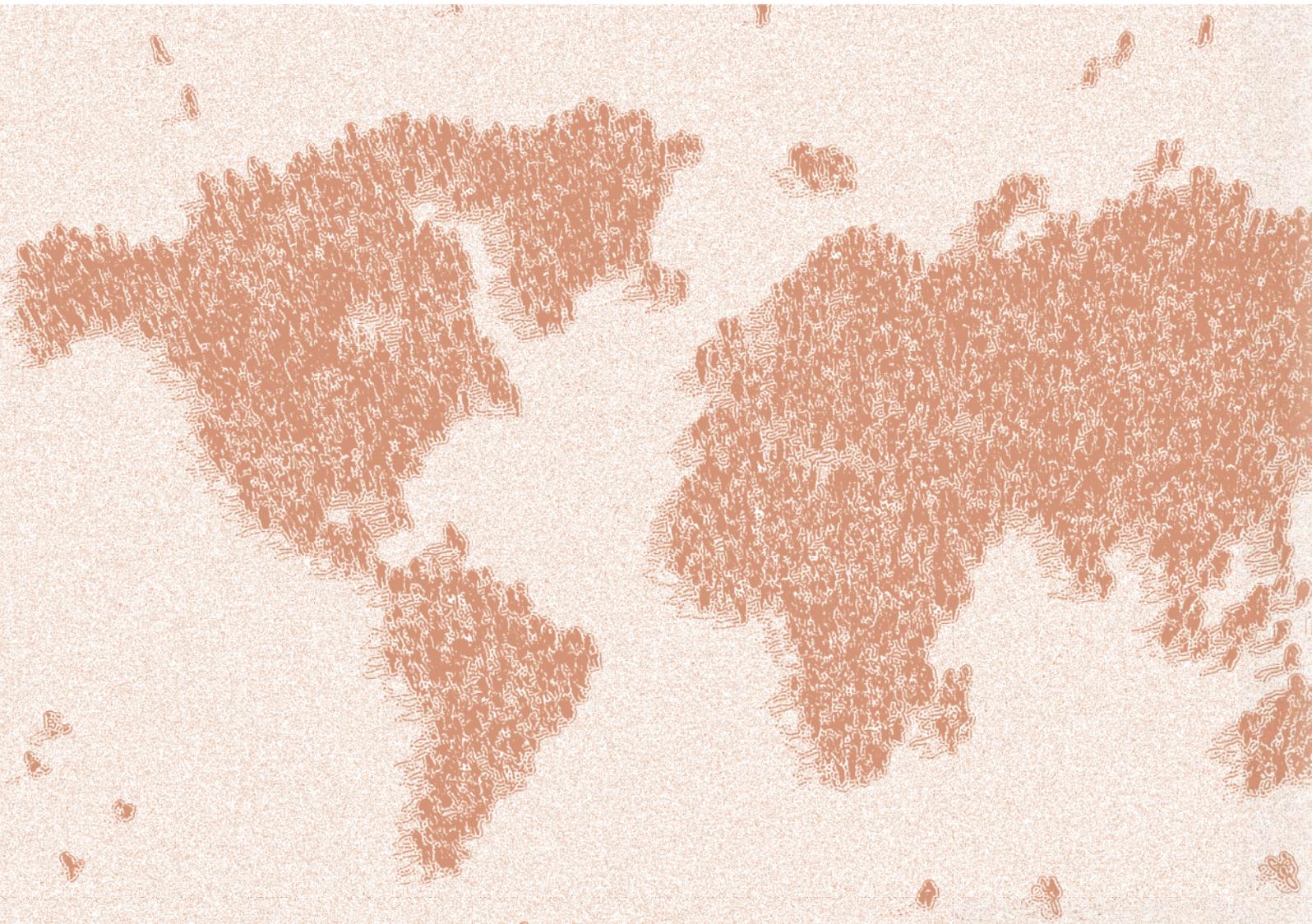


Electronic Identity Card

Production and personalisation

eID

production and personalisation





ANY Security Printing Company PLC has a diverse portfolio of products, among others in the range of document cards such as residence permit, refugee card, driving licence, student card, voter's card, etc. A special type of document cards is identity cards, 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 tax payer 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. But behind the spectacular exterior, we can hide the requirements that guarantee the maximum security and tamper-proofness of our products.

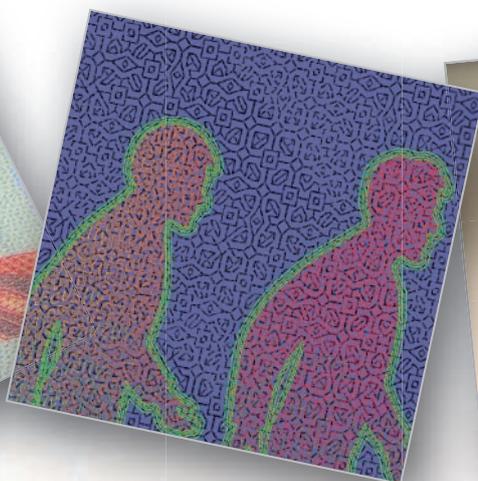
In our Document Security Laboratory, our experts work every day to incorporate the highest level of protection and the easiest-to-verify, proprietary security features into our documents, making life easier for authorities and individuals. Our services include also the delivery of security solution for decentralized and centralized issuance of documents.

We know that the creation of a new document is an extremely complex process, which requires joint reflection with the representatives of the relevant areas of public administration. Our comprehensive consultancy and complex production process has been trusted by over 50 countries around the world, which are all using at least one of ANY's products!

ANY PLC has the technological and professional background for the production and personalisation of electronic identity cards. We offer fully ICAO compliant ID cards carrying much more security elements than it is obligatory.

About the production

ANY PLC 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. The know-how and experience of our experts enable us to provide a complete service from effective production of security documents including design, printing, up to end-products packaging and verification solution.



Security graphics

may include national symbols and texts, multi-level security feature

Offset, screen printing

UV prints, rainbow printing, self-developed security inks, IR absorbing and OVI™ print

Hologramming and laminating

application of holograms, tactile embossed elements, CLI/MLI feature

Personalisation and chip embedding

ICAO compliant chip module, laser engraving, thermal direct transfer, thermal retransfer technology

OUR LATEST DEVELOPMENTS FOR POLYCARBONATE CARDS

ANYsilhouette



The transparent window can be considered a security feature as it is, but it opens space for placing other security features.

The print is invisible both in normal and in UV light. But its presence can be very easily checked by placing the window onto a simple copy paper and illuminating it with a simple UV lamp. The printed frame-like design becomes clearly visible as a dark image at the edge of the window. This provides the simplicity of check like a usual second level device. Meanwhile, it is deeper hidden than a usual fluorescent print for example.

Security fibres in polycarbonate

Position of the security fibres are determined within the layers of the card. The fibres are fixed to the foil while its laminating. Specific area of the surface containing the fibres is approximately 3 cm², range of the fibres' number is from 3 to 15 pieces per card with random distribution.

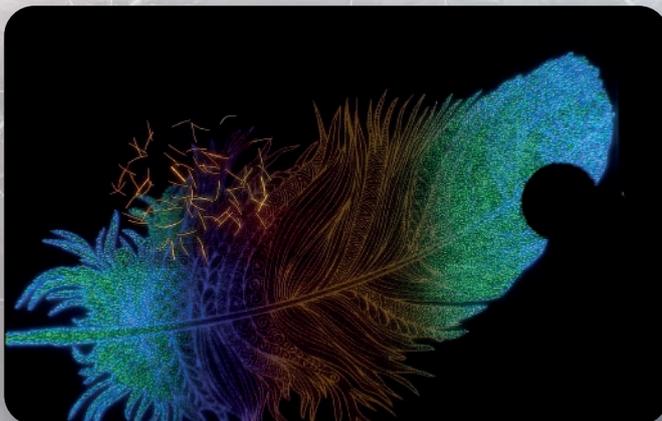
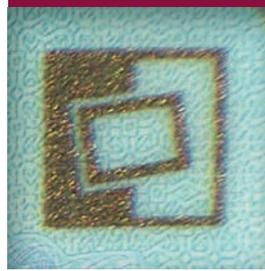
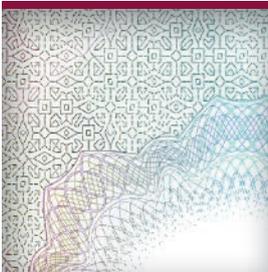




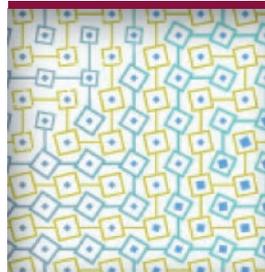
Photo protecting transparent hologram



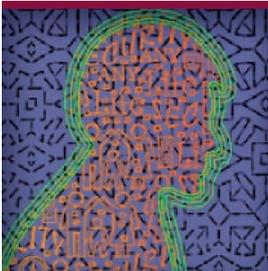
Optically variable print combined with up-converting feature



Guilloche with line thickness modulation



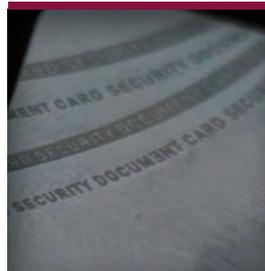
Modulated linework pattern



UV graphics built up from micro sized elements



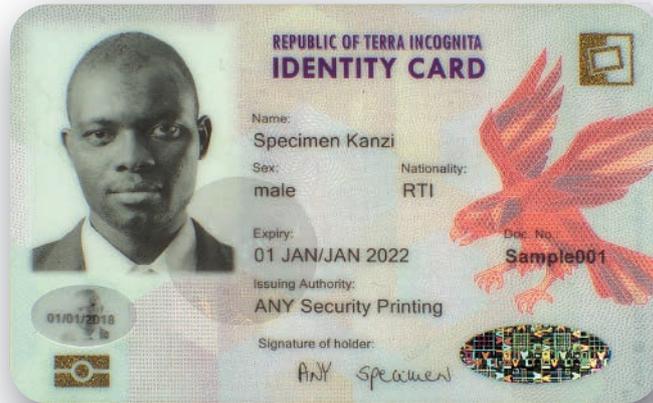
Braille



Embossed and debossed tactile script

Front side

Daylight

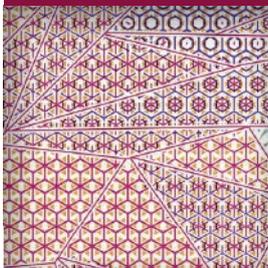


UV-A

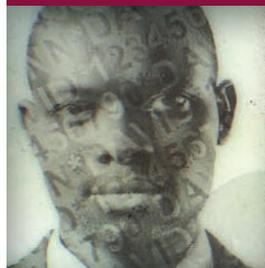


UV-B





3 color interconnected hexagonal linework pattern with shape and thickness modulation



JURA IPI™
Hidden personal data in the photo



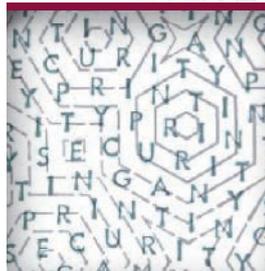
Optically variable print combined with up-converting feature



Doc No. Sample001
Metallized hologram



CLI/MLI feature

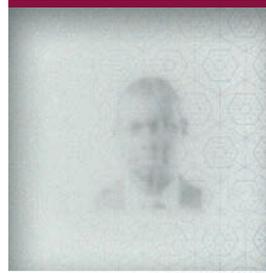


Waving microtext with thickness modulation





Colour changing print

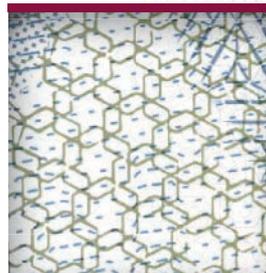


Hidden ghost image

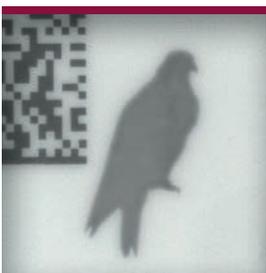
Invisible image under the colour changing print verifiable by IR cameras



Microtext with rotating letters



Hexagonal linework pattern with size modulation, line thickness modulation and Engraving-style dashing



Invisible IR absorbing image



Security fibres

ANY Security Printing Company PLC

About ANY

ANY Security Printing Company PLC was founded in 1851. The Company is one of the leader security printing companies and identity solution provider in the Central Eastern European region. Its head office is located in Budapest, Hungary. With more than 1000 employees in 4 countries at 9 premises, our 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.

We do not only produce documents, we also provide secure personal identification, innovative product identification and data logistics in large volumes.

We specialise in delivering products and providing solutions for state administrations. These products and solutions provided for governments are varying on numerous fields: identity cards (residence permit, refugee card, driving licence, student card, voter's card), paper based documents such as passport, breeder documents and visa for personal identification, ballot printing, excise and tax stamps as a fight against shadow economy. ANY PLC offers modular products and complex services in the process of document issuing. Our references, special technology, security preparedness, more than 170 years of experience and 11 domestic and international certificates guarantee that we can offer the best possible products for our Customers.

At ANY Security Printing Company PLC we believe in taking a comprehensive approach to security. That is why we strive to provide secure, durable and innovative solutions.

References

- Hungarian electronic identity card
- Sri Lankan ID card
- 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 Burundian vehicle registration certificate
- Georgian sea services book, seafarer's documents

Domestic and international certificates

- certified bidder and securities producer of Hungary
- authorized 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)
- 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 delivery



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

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