

Passpor

ANY OD SECURITY PRINTING COMPANY

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SECURITY SINCE 1851

## ePassport

key to the world

COMPLETE SYSTEM FROM CONCEPT TO VERIFICATION

# ePassport production and personalisation

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ANY Security Printing Company PLC has a diverse portfolio of products, among others in the range of documents used to identify citizens. 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. Creating a new document is an extremely complex process, which requires joint reflection with representatives of the relevant areas of public administration. 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. ANY has the technological and professional background to produce and personalise ePassports and visas. ANY offers fully ICAO 9303 compliant passport booklets, carrying much more security elements than it is obligatory.

# **About the process**

# The design and manufacturing process includes the following elements

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. The know-how and experience of our experts enable us to provide a complete service from concept planning and system implementation to effective production of security documents including design, printing, up to final products' packaging and verification solution.



### CONCEPT

ENROLMENT

### DATA MANAGEMENT

consultation document and system planning, document design



raw material in-house developed security additives, multitoned watermark, chemical protection, overlay foils, hologram

### offset, screen and intaglio printing in-house developed security inks, unique special security elements



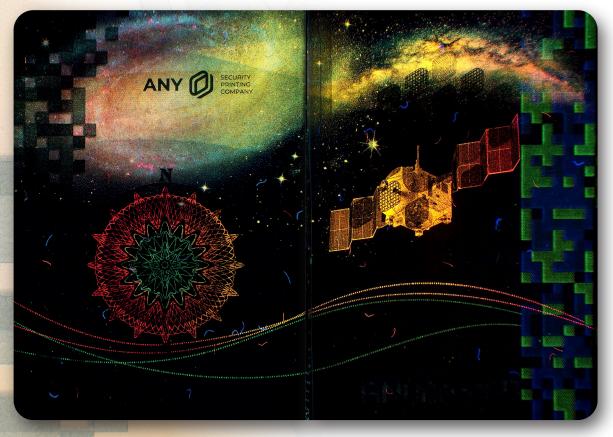
# The booklet

### eCover

The innovative, colourful graphic elements on the cover, which are unique in the market, are our new developments. The variety of colours provides even more opportunities to express cultural identities and diversify an international document. The cover of the passport is hot stamped, which may be either monochrome or multicoloured and may also contain custom UV graphics. This is a spectacular feature, which is also hard to counterfeit.



### Inside front/rear cover



under UV light





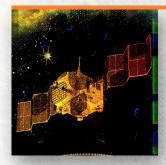


Latent image

MA (mark advanced)



Colour-changing intaglio print



UV rainbow print

### Visa pages

The pages are designed with high-security graphics – displaying symbols defined by the customer, printed with our in-house developed, unique security inks – to protect the document against copying, counterfeiting, or fraudulent alteration.



Bi-fluorescent print in-house developed security inks



### IR taggant

The print contains an IR luminescent marker (taggant) with a unique spectral property that is invisible to the naked eye and can only be identified with a device programmed to detect this material (VerifIR mini).



VISA

UV rainbow printing



# Polycarbonate Data page





Tactile hinge



MLI



### ColorShift ink

ColorShift is ANY's own development that optically changes the colour between gold and green. It can be easily combined with other safety features (UV, AS, ANYfluo). It can be used both on paper and on card-based documents.



### Hidden image

This watermark-like feature becomes visible when the datapage is illuminated with a bright light.



### Dual-Glow window

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

# 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.

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.

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