

OSD

YOUNIQX

WE MAKE IDENTITY. SAFE.

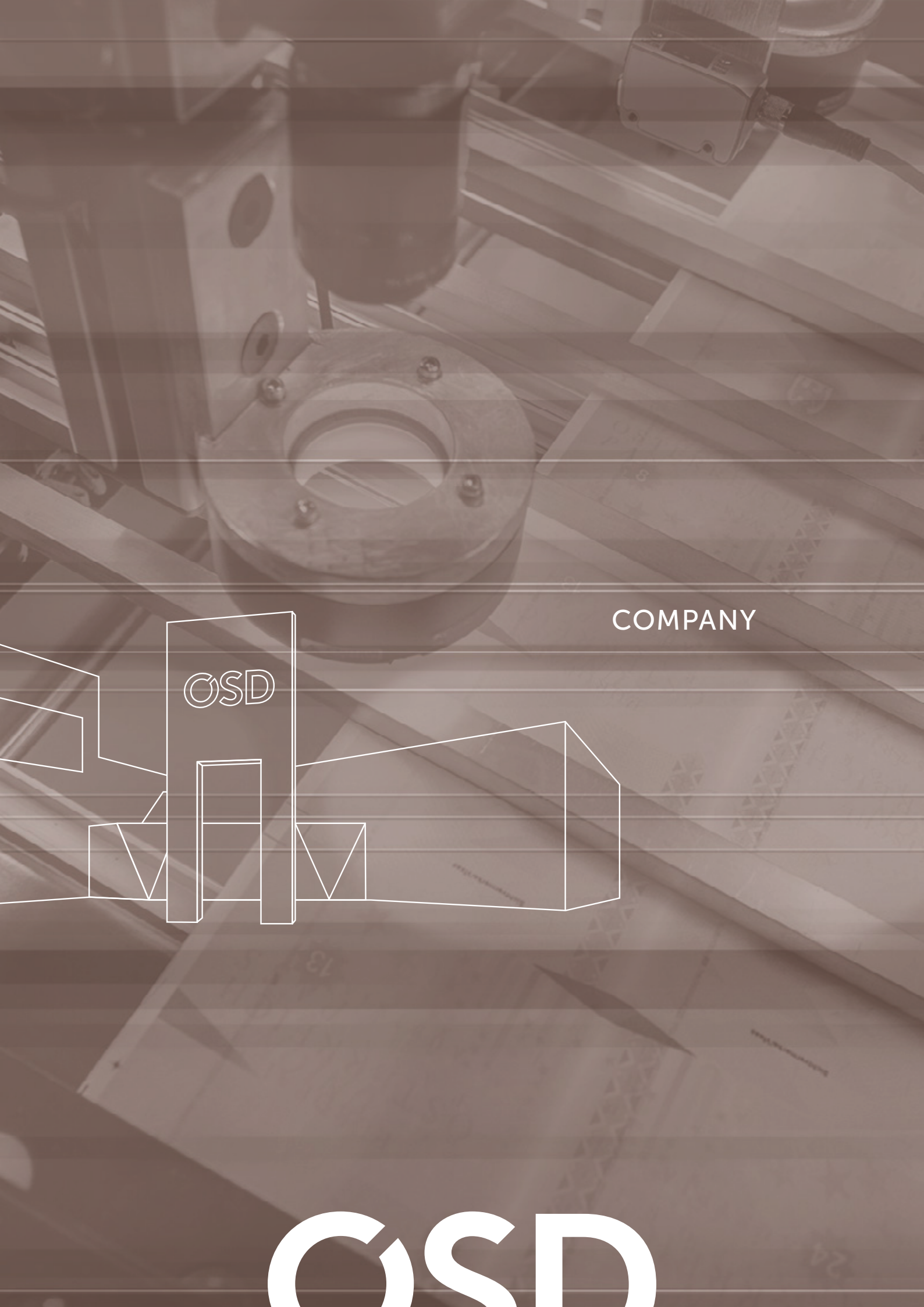
Mission

SECURE IDENTITY FOR MORE THAN 200 YEARS – AND IN THE DIGITAL FUTURE

In an interconnected world, secure identity is more important than ever for people, states, institutions and companies. The secure establishment of identity protects against abuse and crime because it always makes it clear who you are really dealing with.

Secure identity has been the mission of the Austrian State Printing House for more than 200 years – and at the same time its internationally highly valued core competence. As a recognised high-security company, the Austrian State Printing House successfully implements modern technical ID products and solutions for national and international customers.

As a high-performance company, the Austrian State Printing House realises the diverse requests of its customers individually and reliably. The service portfolio includes the development, production and administration of identity management systems – including data and IT security and biometrics as well as the personalisation of ID documents including the associated logistics. From passports and visa documents to modern digital ID cards and electronic identity, the Austrian State Printing House ensures that identity creates security. With products and services related to secure identity, the Austrian State Printing House sets the highest standards in both the analogue and the digital world. In this way, identity creates security. And that is what makes the difference.



COMPANY

OSD

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HIGHLY SECURE BY TRADITION

The Austrian State Printing House is a traditional company for secure documents in the heart of Europe.

It goes back to the "k.k. Hof- und Staatsdruckerei" founded by Emperor Franz I in 1804. After the end of the First World War and the founding of the First Republic, the company became the state-owned "Österreichische Staatsdruckerei" in 1918. Since 2000, the Austrian State Printing House has been a private high-security company serving the Republic.

More info

office@staatsdruckerei.at
staatsdruckerei.at
+43 1 206 66-0

Its services include the development, production and administration of identity management systems – including data and IT security and biometrics as well as the personalisation of ID documents including logistics. With products and solutions ranging from passports to visa documents, the Austrian State Printing House ensures that identity is secure for states, institutions, companies and people.

The Austrian State Printing House was the first security printing house worldwide to be audited by the International Confederation for Printing and Allied Industries (Intergraf) and certified ISO 14298 "Government Level". The company has customers on five continents and in more than 60 countries.



COMPANY

UNIQX YOU

YOUNIQX

INNOVATIVE WITH SECURITY

Youniqx Identity AG is a digital subsidiary of the Austrian State Printing House.

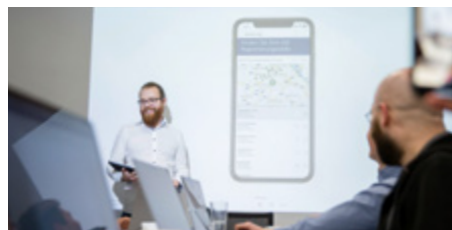
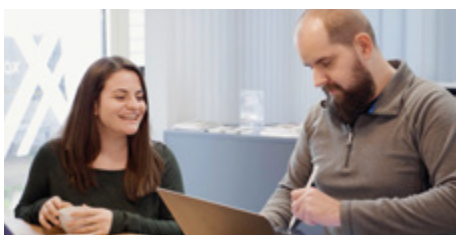
Its foundation is based on many years of research and innovation activity within the framework of its own research and development department. Founded in 2017, the digital subsidiary of the Austrian State Printing House consistently implements its mission of guaranteeing secure identities in the digital world – and develops highly innovative and highly secure solutions for this purpose.

More info

office@younix.com
younix.com
+43 1 206 66-0

The company is a driving force in the development of the ever-growing digital identities industry. Within the framework of the international FIDOAlliance (Fast IDentity Online), younix Identity AG is developing alternatives to passwords with companies such as Google. With European Trust Services GmbH, integrated trust centre services are also offered.

In the segment of providers of e-identities (eID), younix Identity AG is a much respected player worldwide today. The company has already received numerous national and international awards for its highly secure innovative products and services.





PASSPORT

OSD

SECURITY THROUGH HIGH-TECH

With the Austrian ePassport, the Austrian State Printing House produces one of the most secure identity documents in the world.

For the highest possible protection against forgery, the document combines more than 120 security features from all 3 levels of verification (i.e. by the naked eye as well as with a device and through forensic methods) and adds a digital inspection component. Some features are kept strictly secret. The publicly known features include:

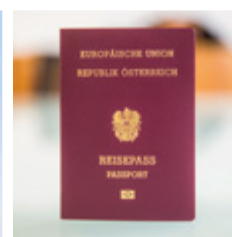
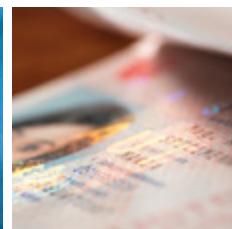
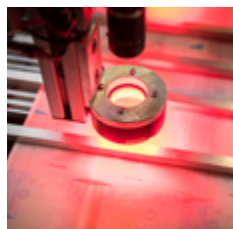
- Chip as a digital security layer
- Biometrics to link each passport to its holder
- Tactile intaglio printing with Latent Image
- Multitonal and electrotone watermark differentiating data page from visa pages
- Multi-colour UV-fluorescent print

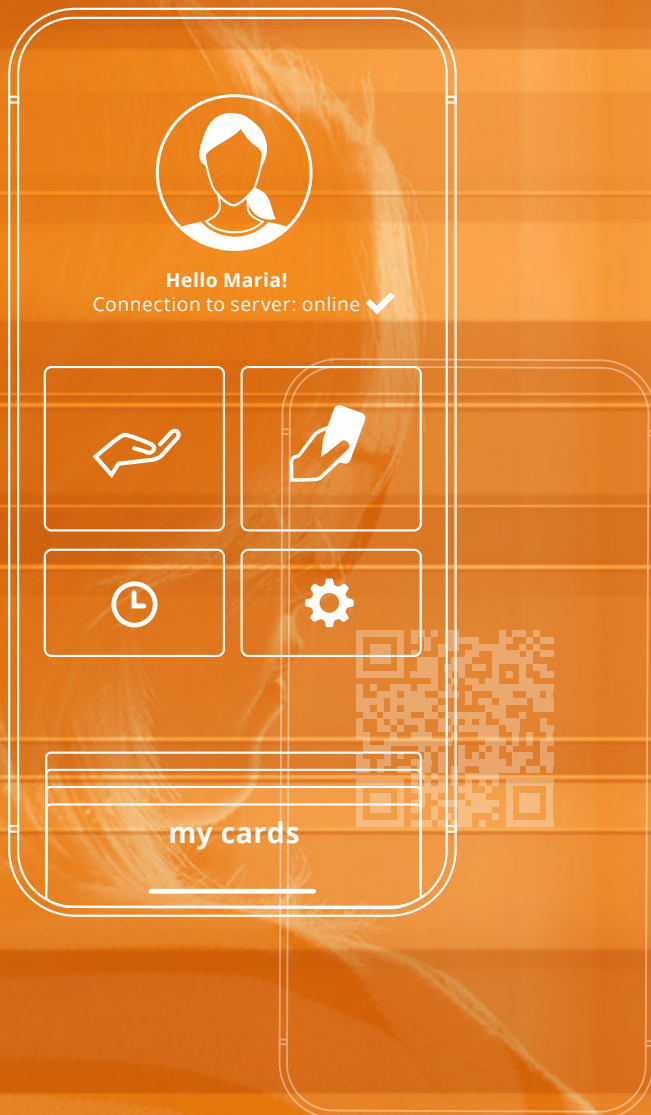
- Passport number conically burned into visa pages in round shape
- Holographic features of 3 levels protecting the personal data
- Personalisation in highly restricted, EU-Secret certified environment

The Austrian State Printing House offers highly secure ePassports, designed, produced and personalised to perfection, which is guaranteed by strict quality control procedures. The Austrian State Printing House completes the ePassport solution with specially developed enrolment and personalisation software, as well as ICAO-compliant Public Key Infrastructure.

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MIA –
MY IDENTITY
APP

YOUNIQX

MY IDENTITY APP HOW DIGITAL IDENTITY BECOMES REALITY

My Identity App (MIA) is a state-of-the-art identity management solution based on a highly secure, innovative approach.

It combines traditionally printed ID documents and electronic identities (eID) in a secure and user-friendly smartphone app, and supports states on their way to digitalisation. The internationally award-winning solution combines security with data protection and user-friendliness.

MIA enables transparent identification and authentication vis-à-vis people as well as on the Internet. This makes MIA particularly attractive for states that are taking the next step towards a modern, digital state and need a highly secure

and efficient ID solution as an add-on to their established ID documents. MIA can also be used as an eID for states and businesses (e.g. financial, gaming or leisure industries, etc.) to provide them with a user-friendly identification and two-factor authentication service.

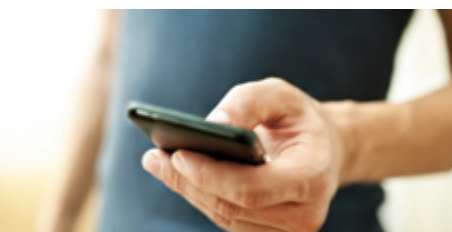
As a user, MIA can be used, for example, to

- show your ID card at an official checkpoint
- share your vehicle registration with someone else
- prove your age without having to disclose other data
- check into a hotel
- open a bank account
- log in to third-party apps
- use driving licences internationally (ISO 18013-5)
- authenticate securely on websites using FIDO

MIA makes everyone secure: The solution is in data minimisation mode by default and allows users to decide what personal data is shared with other users. MIA uses existing, reliable database sources and offers real-time data retrieval. In addition, MIA is ISO 18013-5 compliant and enables secure storage of data on the smartphone.

More info

office@youniqx.com
youniqx.com
+43 1 206 66-0





VISA/PERMIT

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WHAT MAKES A BORDERLESS WORLD SAFER

International travel and cross-border migration have become indispensable in an interconnected world.

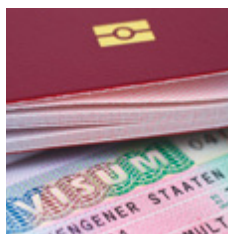
The downside is illegal immigration and identity fraud, which can often be linked to criminal or even terrorist activities. Because a borderless world needs more security, especially in times of temporary restrictions or pandemics, securely issued visas and residence permits are indispensable key element to grant or deny access to your country.

More info

office@staatsdruckerei.at
staatsdruckerei.at
+43 1 206 66-0

The Austrian State Printing House has developed solutions for eVisa, emergency visas issued at airports, as well as highly secure machine-readable visa stickers. The online pre-registration allows travellers to conveniently apply for a travel authorisation in advance before they are issued with the forgery-proof visa containing a colour photo and MRZ, which clearly identifies them. Unauthorised removal of the visa sticker results in its destruction, thus making it useless for criminals and counterfeiters.

The Austrian State Printing House produces the Schengen visa for several member states, the EU residence permit as a contactless chip card with photo and fingerprint, as well as various visas for many non-European states.





DRIVING LICENCE
AND REGISTRATION
CERTIFICATE

OSD

PROTECT YOUR IDENTITY ON THE ROAD

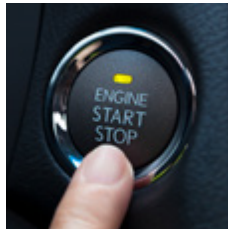
Old-fashioned paper documents are history.

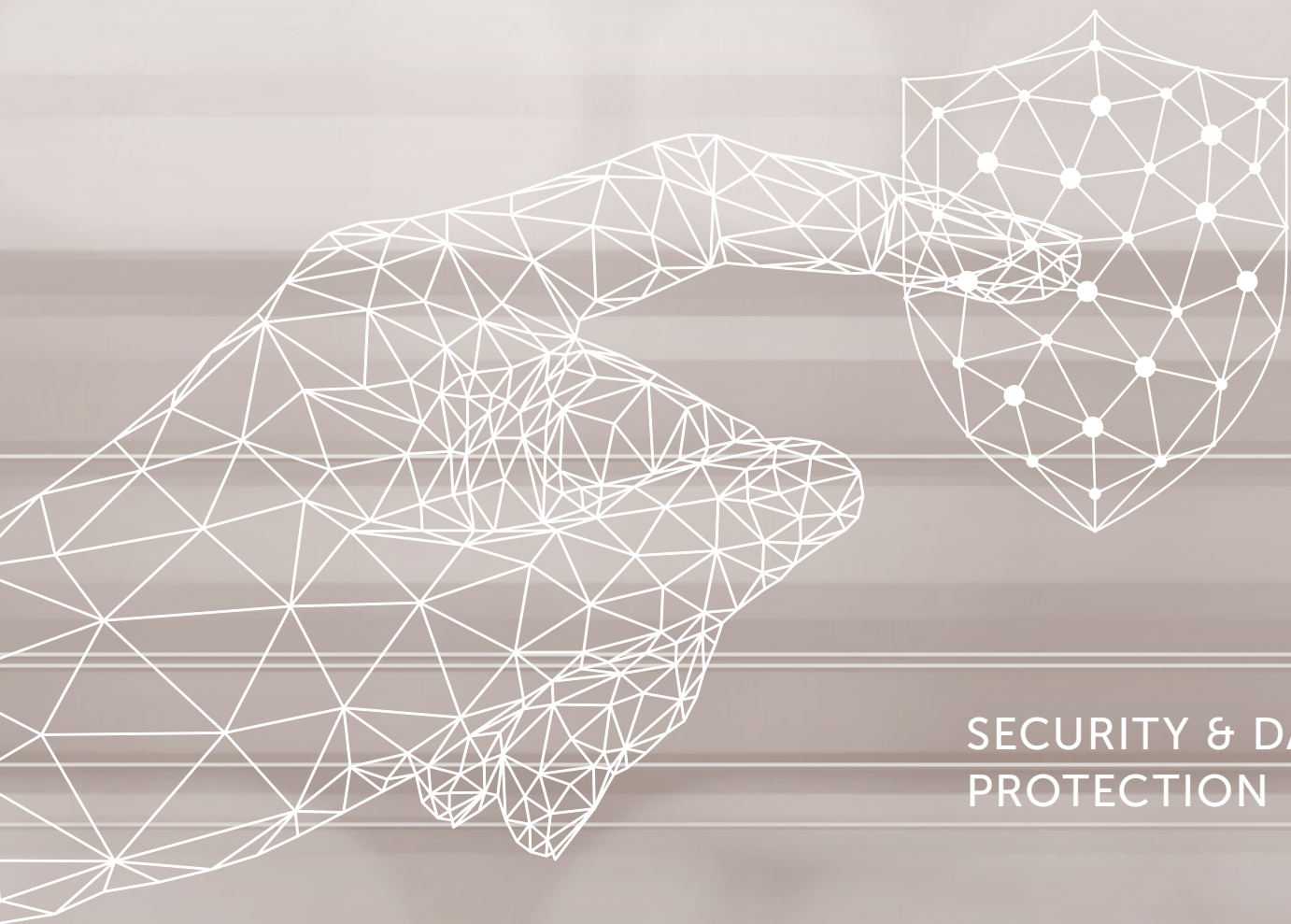
As a modern high-security manufacturer, the Austrian State Printing House produces driving licences and vehicle registration certificates in a/the practical card format on durable polycarbonate. The data on the chip of the registration certificate are protected against manipulation by a digital signature. Additional security

features, such as changing colour effects, tactile elements with microprinting on the surface or tilting images of the card holder are elements of a holistic security concept. The personalisation of these modern documents is carried out according to strict regulations in the restricted access facility of the Austrian State Printing House. With these features and workflows, personal identity is secured also in the automobile world.

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SECURITY & DATA
PROTECTION

OSD

CLEARLY TESTED AND INTERNATIONALLY RECOGNISED

Security and data protection have top priority at the Austrian State Printing House.

As a renowned high-security company, the Austrian State Printing House pays the utmost attention to compliance with and continuous development of security standards. To this end, the Austrian State Printing House has implemented various management systems which are continuously reviewed according to internationally recognised standards.

Quality management system

in accordance with ISO 9001: Quality management according to ISO 9001 focuses on customer satisfaction and guarantees the control and transparency of operational processes. In this way, the efficiency of all processes is ensured and trust is created.

Information security management system

according to ISO 27001: The information security management system according to ISO 27001 ensures the confidentiality, integrity and availability of information. Due to the high level of confidentiality of the information processed at the Austrian State Printing House as well as the processes and services operated, the protection of all information against threats such as unauthorised access or manipulation is of considerable importance.

Business Continuity Management System

according to ISO 22301: The Austrian State Printing House is comprehensively prepared to cope with incidents by being certified according to ISO 22301. Important business processes are not or only temporarily interrupted even by critical situations or emergencies.

Data protection management system

according to DPA/GDPR/ISO 27701: Through the implemented data protection management system, the Austrian State Printing House demonstrates that all legal and operational data protection requirements are systematically planned, organised, controlled and reviewed. This ensures a high level of data protection in the processing of personal data.

Environmental management system

according to ISO 14001: With a certified environmental management system, the Austrian State Printing House is committed and dedicated to operational environmental protection and to improving environmental performance through environmentally conscious and sustainable business practices. Regular analysis of our environmental impact enables us to reduce costs, optimise processes and minimise risks.

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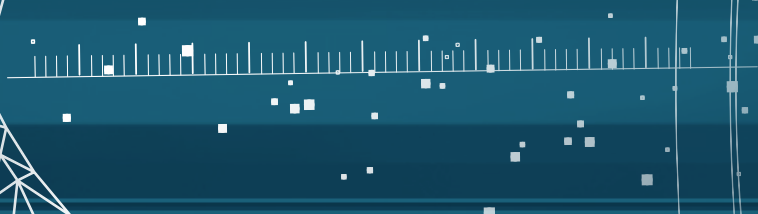
ISO
9001

ISO
27701

ISO
14001

ISO
22301

ISO
27001



CRVS CIVIL REGISTER/
PERSONALISATION

OSD

CLEAR PRINCIPLES FOR EFFICIENT IMPLEMENTATION

The Austrian State Printing House has extensive expertise in the implementation of civil registers for states.

These are either combined from existing registers or completely newly designed. The central database of all persons registered in a country is organised according to the principle of "one person – one file" and all births, marriages and deaths are recorded. Access and use of a civil registry are based on local legislation, as well as hierarchical user rights to prevent abuse. A functioning central register is an indispensable basis for rapid, tamper-free and trustworthy public administration.

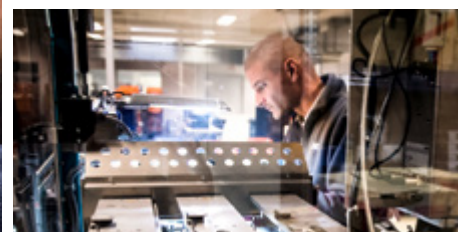
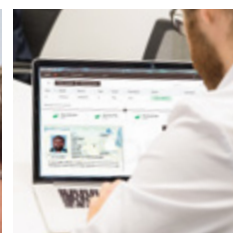
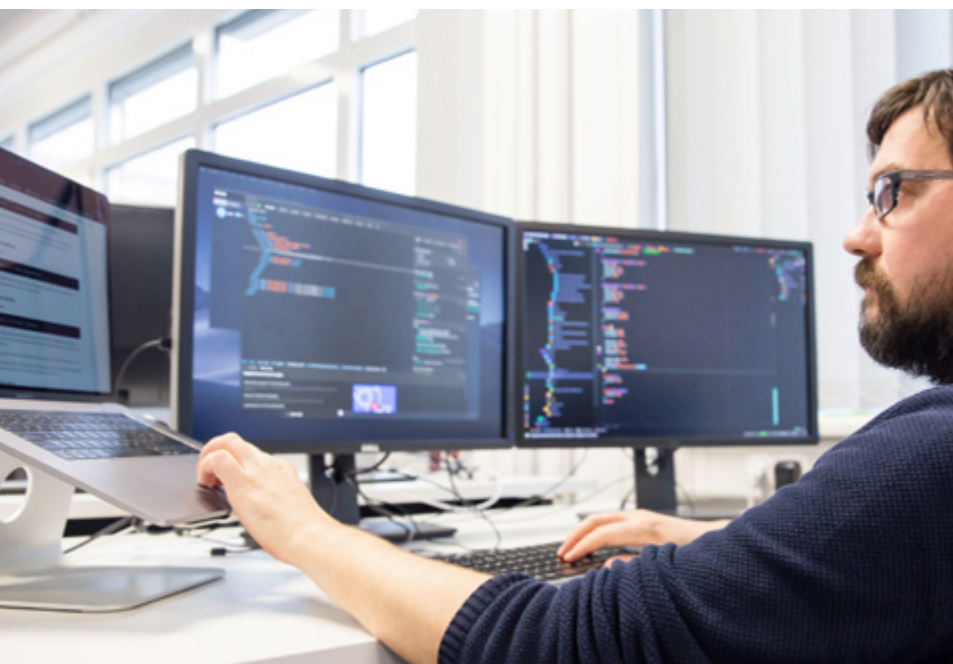
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Personalisation: tailored solutions for all requirements

The heart of personalisation by the Austrian State Printing House is the specially developed personalisation software PIA (Personalisation In Action): It enables the implementation of all ICAO documents, whether card, visa or passport by means of inkjet printing or laser engraving.

For decades, the Austrian State Printing House has enjoyed the trust of the Austrian State in the highly secure personalisation of all Austrian identity documents. This expertise is also available to customers from abroad. In this process, documents are personalised in the OeSD premises according to ICAO requirements including PKI on the basis of the encrypted data records and then delivered to the issuing organisation. Other customers enjoy the installation and intuitive use of PIA in their Immigration Headquarter locally.





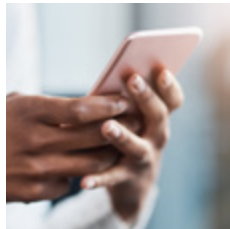
ENROLMENT/
E-GOVERNMENT

OSD

MULTIFUNCTIONAL SOLUTIONS FOR ALL SITUATIONS

The data capture system of the Austrian State Printing House is based on an integrated and modular architecture. This makes it easy to add and adapt system components.

In addition to demographic data, faces are captured with real-time quality analysis and compliance testing against ICAO requirements. Fingerprints are enrolled in either slap scanning mode (4-4-2) or solo mode (single finger) and analysed according to the NIST standard. Iris enrolment is one of the add-on modules and is also performed with real-time quality analysis. The system also supports the scanning of documents that historically prove identity, as well as the printing of a receipt.



e-GOVERNMENT

How we make things simple and secure

UCIA – Unique Credit Information App: This solution enables central and commercial banks to biometrically enrol their customers and uniquely assign current or applied loans to these identities for a comprehensive credit reference system. This enables the detection of fraudsters who take out loans under different names and do not pay them back. Furthermore, UCIA calculates a credit score for each customer, which in turn is highly useful for the private sector businesses.

PKI – Public Key Infrastructure: The Austrian State Printing House has customised solutions for governments and public administrations to secure and digitally sign passports and eIDs according to ICAO guidelines.

TPA – Tax Payment App: TPA enables citizens to pay taxes remotely via their smartphones. This makes it easier for authorities to manage tax revenues and to get in touch with their citizens via a messaging function.

DVD – Data Visualisation Dashboard: With DVD, different data sources are harmonised, analysed and then clearly visualised on a dashboard. Be it health data, education data or traffic data, the dashboard helps competent authorities to make informed decisions.

Vaccination Passport: The digital vaccination passport shows the current vaccination status, whereby it is linked to a database. The App guarantees security and authenticity of the data to afford the citizen or traveller the rights he deserves.

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office@staatsdruckerei.at
staatsdruckerei.at
+43 1 206 66-0

Austrian State Printing House
youniqx Identity AG

Tenschertstrasse 7
1239 Vienna, Austria

Phone: +43 1 206 66-0
Fax: +43 1 206 66-100

office@staatsdruckerei.at
staatsdruckerei.at

office@youniqx.com
youniqx.com

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