

VERIDOS

IDENTITY SOLUTIONS

by Giesecke+Devrient
and Bundesdruckerei

ePassport Solutions

Bespoke and secure travel documents

and identity documents

www.veridos.com

Making travel safer and more convenient

Veridos offers a solution suite that cover every process relating to ePassports. An aesthetically pleasing and secure travel document that is trusted accepted at home and abroad. We can offer enrollment and personalization services, which is based on our leading-edge IMAGO platform. We also provide secure data storage and all-round support setting up in-country document production facilities.

We work hard to identify the best solution to match your needs. With security always on our mind, we integrate global standards into our development process, allowing easy integration into your current identity infrastructure.

End-to-end solutions

Veridos handles every aspect of rolling out superior and durable ePassports. From technology and knowledge transfer to producing documents with state-of-the-art security features, Veridos' third generation electronic passports make border crossing efficient and safe for all.

Best-in-class security

The picture of the passport holder and biographical data are the most commonly forged elements of any Government document. For ePassports, Veridos offers various technologies for secure identification such as biometrics, cryptography, and integrated electronic chips. This ensures maximum security possible while providing a bespoke solution to suit your needs.

A smiling woman with long dark hair, wearing a blue baseball cap with a black brim and a white button-down shirt, is looking out a large window. She is holding onto a metal railing. The background shows a modern building interior with large glass panels and some blurred figures of people.

Tailormade ePassport production

Veridos supports its customers in building and establishing in-country manufacturing facilities tailored to their needs. We design the model factory solution and implement it in the most cost-effective and sustainable way possible.

Reliable and secure border solutions

In the world we live in, governments and their citizens need to be able to trust the security of their borders. Veridos provides the technology and expertise to implement smart border management solutions that work for governments, citizens, and travelers alike.

Our holistic end-to-end solution to support your needs

Entire ePassport value chain

Veridos ePassport solutions cover the entire process, including enrollment and document generation, data management, establishing a Public Key Infrastructure (PKI), personalization, and allowing easy document verification at checkpoints. Every component Veridos delivers complies with ICAO and all other relevant international standards while also being fully customized to suit the customer's specific needs and processes.

From technology and knowledge transfer to producing documents with state-of-the-art security features, Veridos enables and implements complete, sophisticated, and holistic solutions designed for their given environment.

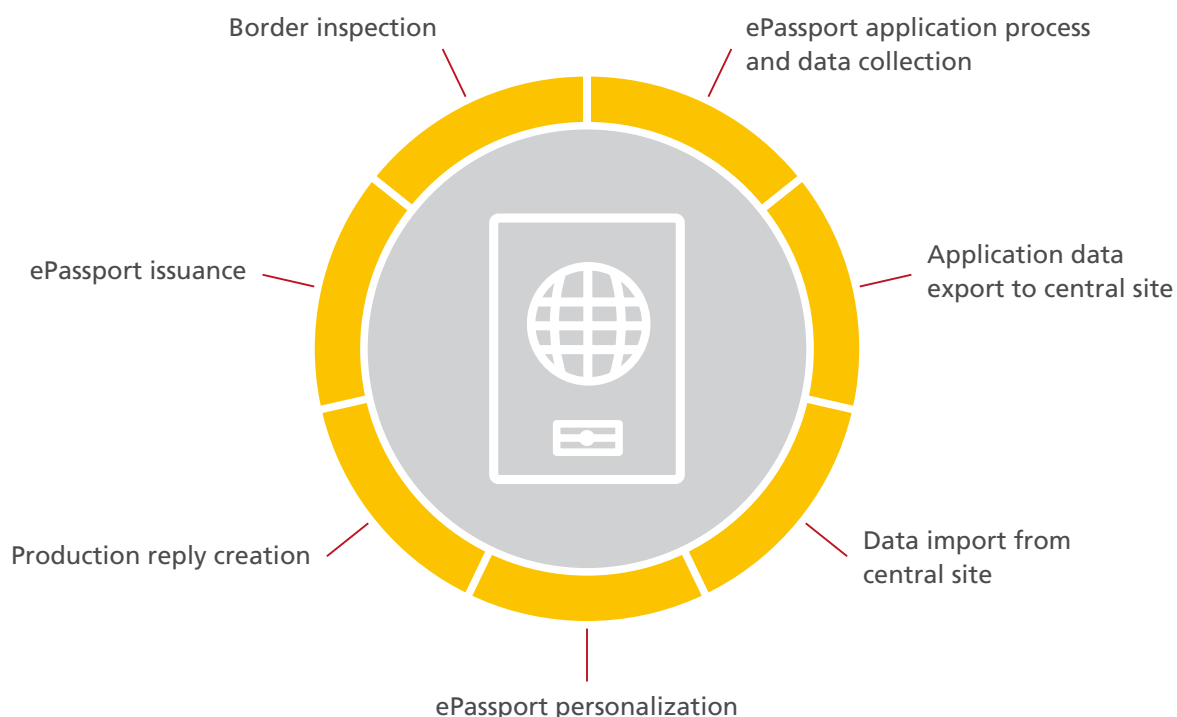
Customized solution

Every aspect of each Veridos solution is designed to facilitate government processes and support the production of trusted identity documents. We optimize the interaction between components to simultaneously maximize performance, quality, and flexibility for our customers' benefit.

Global integration

Veridos delivers fully ICAO-compliant ePassport solutions, guaranteeing smooth travel for all citizens. Veridos empowers border control agencies the ability to efficiently verify the identity of travelers. All this is supported by seamless distribution and access to relevant country-specific certificates issued by the ICAO PKD.

ePASSPORT SYSTEM PROCESSES



Este pasaporte consta de 32 páginas / This passport co

F 3 5 3 0 0 2 6 *

Highest security is our priority

Chip OS and biometrics

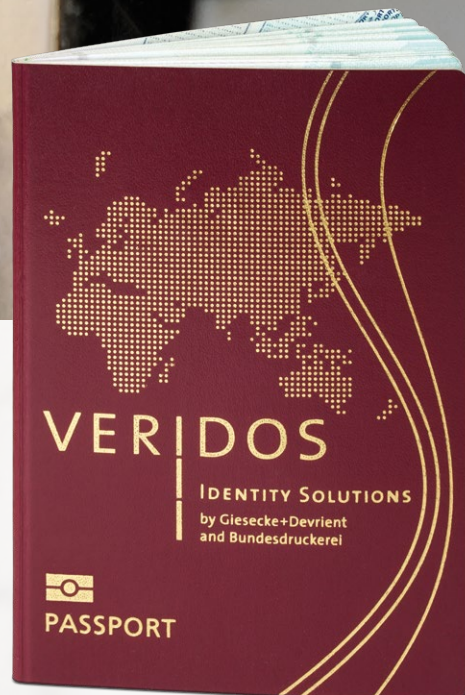
Biometric information such as a facial image and fingerprints are securely stored on a chip, in line with high security standards. Veridos offers customizable passport solutions including chips operating systems, inlays, eCovers, and polycarbonate data pages. To ensure maximum security, biometric identifiers stored on a chip can be examined using a proximity reader at border checkpoints.

Fraud prevention with a secure physical document

With security as our main priority, Veridos invests in developing security features and design. The unique combination of various security feature technologies make our document secure. The custom document includes smart and innovative security features spanning all three security levels.

Secure and innovative personalization

When using laser engraving for personalization, the data page meets the highest security requirements. The symmetric construction ensures high durability and security. Security features and personalization can be added on both sides of the page.



Vivid color images for ePassport data pages



| COLOR PERSONALIZATION TECHNOLOGY FOR MAXIMUM FLEXIBILITY

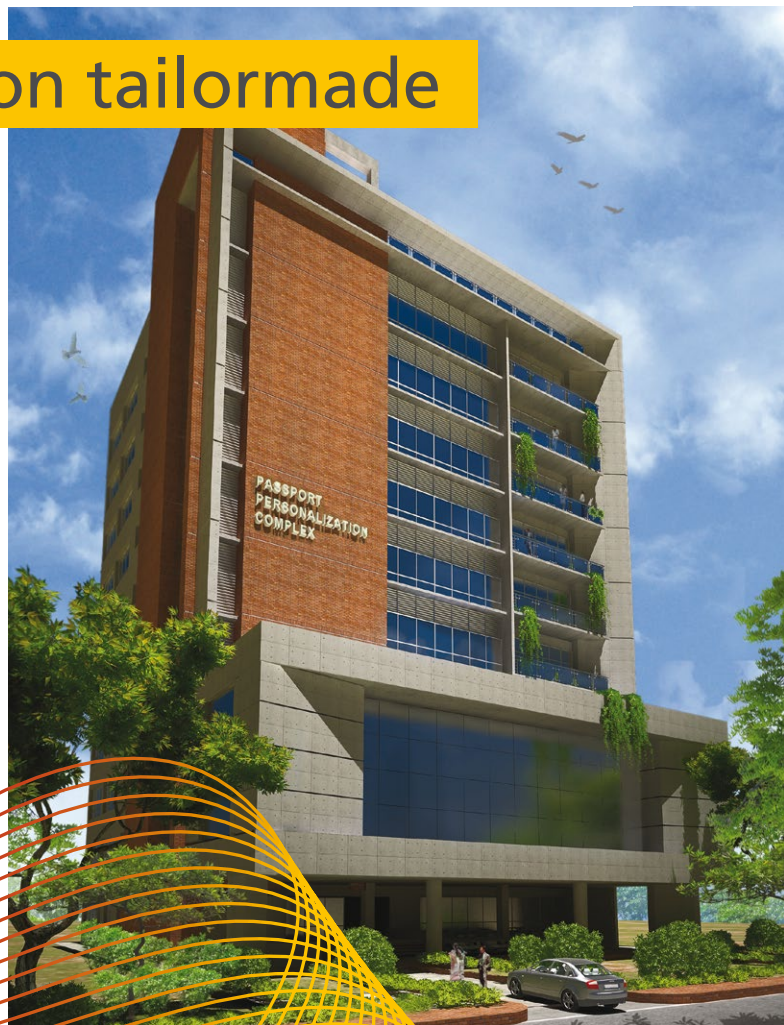
Newly developed by Veridos, CLIP ID® (Color Laser Image Protected ID) is an integrated solution that adds vivid color photos to the next generation of polycarbonate identity documents. It combines secure laser engraving with brilliant and durable image printing, all while offering maximum flexibility in the production and personalization processes.

Our technology produces a uniquely lifelike image of the holder – vivid and high contrast, reflecting the skin tones of the world.

ePassport production tailormade to your needs

Veridos manufactures identity documents at our ISO-compliant, quality-certified production sites, which also have full EU security clearance. We can also work with our customers to build an ID factory tailored to their needs. We carefully plan every detail of the model factory and then implement it in the most cost-effective and sustainable way possible.

Focusing on security, Veridos facilitates the acquisition of all relevant certifications for the ID factory. This means all production processes and identity documents produced comply with the highest international security and quality standards.



Reliable and secure border solutions



Along with secure ePassports, we offer you a range of border control products to ensure quick and accurate authentication at all checkpoints. The Veridos BCS is modular, flexible and scalable. Its performance and functionality can be extended as needed, for example when passenger transit rates increase, while processes can easily be adjusted as requirements change.

Hardware components are chosen based on each customer's needs. We support all types of ID document scanners, biometric enrolment devices, fingerprint scanners, iris scanners, cameras, and related devices. We will take care of everything to implement a flexible, scalable solution that supports faster, safer, and more efficient border control processes.

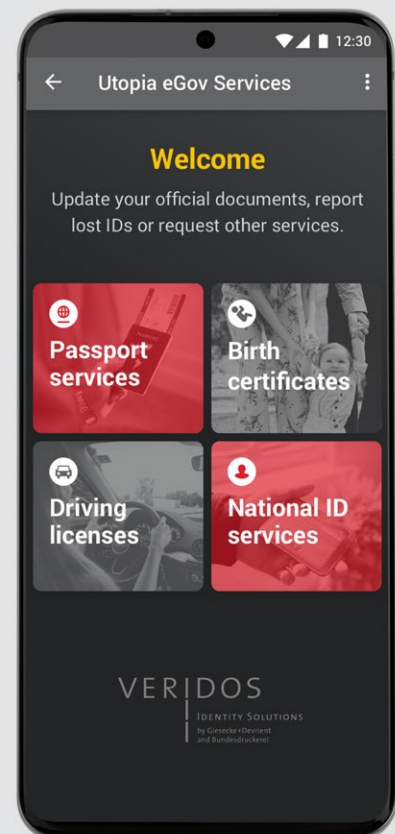
INNOVATIVE AND INDUSTRY EXPERTISE

We develop innovative components, security paper technology, polycarbonate material, card operating systems, and security features. We ensure our solutions have the latest technology that will serve our customers well for generations to come. We play an active role in the testing, shaping and defining of new security standards and trends for both documents and their underlying systems (e.g. Interpol, ICAO, and BKA).

USER-FRIENDLY AND SECURE DIGITAL SOLUTIONS

In addition to a secure and trusted physical document, eGovernment services related to document renewal, for example, can greatly reduce administrative costs while making services accessible to all members of society through a sophisticated and intuitive eGovernment platform.

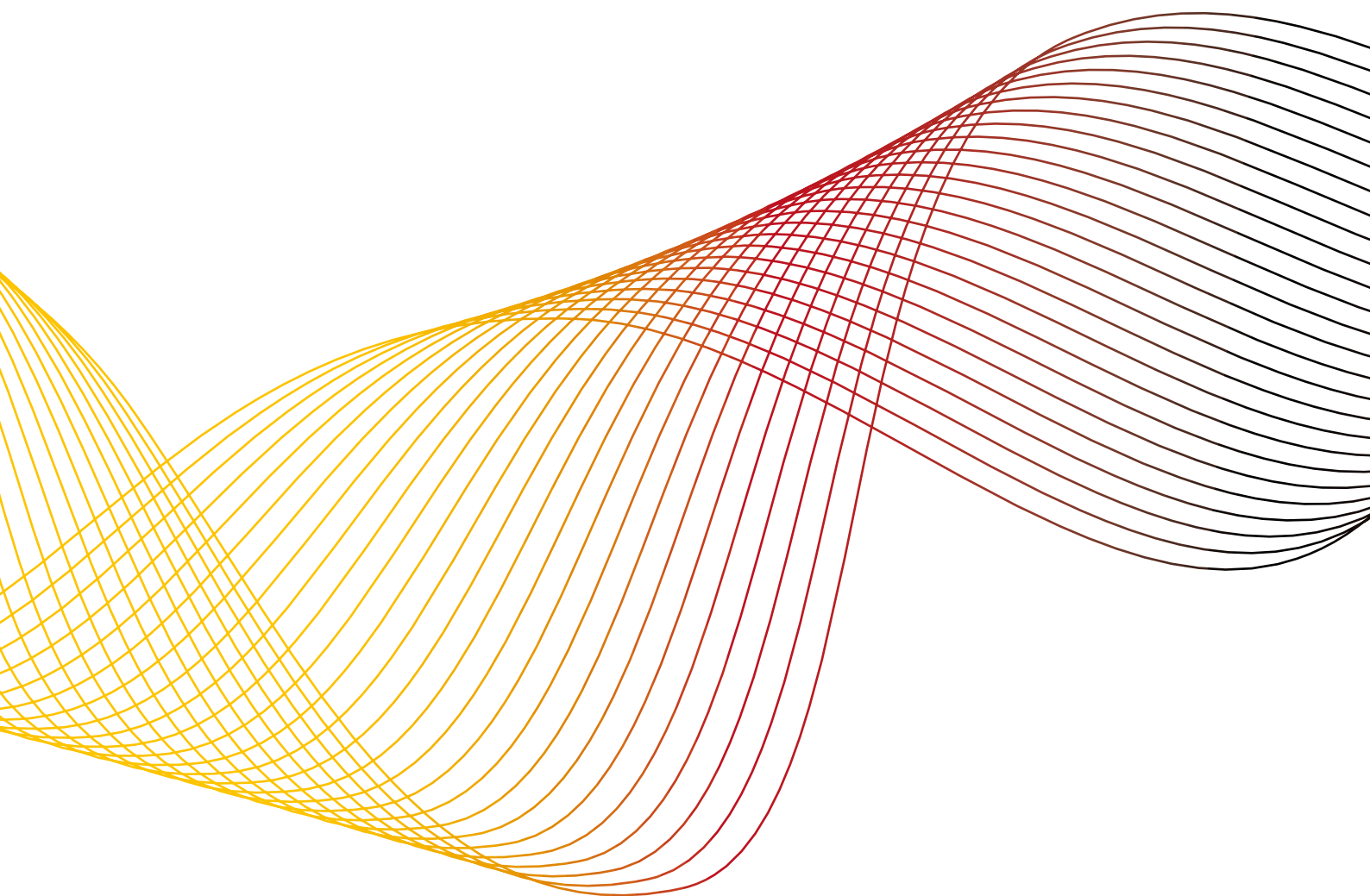
The VeriGO® TrueID app makes it easier for citizens to renew their official documents, register a birth, or access other Government services. VeriGO® TrueID uses biometric face recognition with liveness detection to securely validate identities. Users do not need to register in advance as they can be authenticated against an existing national biometric database.



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All technical data subject to change.