

VERIDOS

IDENTITY SOLUTIONS

by Giesecke+Devrient
and Bundesdruckerei



VeriGO[®] DriveID Solution

The smart & trusted mobile driver's license

Digital documents that are secure and functional




Governments are increasingly discovering the value – to both the issuer and their users – of digitizing sovereign documents. Until now achieving high levels of security and privacy protection have been an obstacle. The overriding need for trust has meant that ID cards and driver's licenses, for example, have usually been the last items to be provided through a smartphone. Thankfully, today that level of assurance is delivered by VeriGO® DriveID.

Complying with the new industry ISO 18013-5 mDL Standard, VeriGO® DriveID goes far beyond that of a simple image of a license held on a phone or in a digital wallet. Using a secure backend system, it provides encrypted access to data held on the original driver's license database which is then made securely available through the driver's license app on the holder's smartphone. A state-of-the-art infrastructure that opens doors to a comprehensive, cost-efficient modern identity management system.

eGovernment services with secure digital identities

Veridos has developed a range of secure and trusted digital solutions that support the provision of public services. From an eGovernment platform, that is interoperable and expandable, the benefits are endless for both governments and citizens alike.

Veridos offers a platform for the remote provision of key government services that is accessible thanks to a robust and secure digital identity. Through this platform, citizens can access virtually every government service and complete transactions via a secure multi-channel communication protocol, if desired. The services could include establishing their digital identities, voting in elections, paying their taxes and applying for a driver's license or passport, along with a multitude of other public services.

-  Supported by **cryptography**.
-  Provides **secure and reliable** verification of the document and user ID.
-  Access to **up-to-the-minute** data contained in the issuing database.
-  An mDL is neither a substitute for a physical card nor an attempt to replicate its printed security features.
-  An mDL is **user-centric, privacy friendly** and allows for **data minimization**.
-  It is **user-friendly** for all operating users, and allows for everything you can do with a card.



VeriGO® DriveID: Obtaining and trusting the data for every party

| CITIZENS

Providing a digital ID that is always current, our mDL is highly user friendly, trusted, citizen controlled and privacy centric. Providing secure and trusted verification in both online and offline environments, its data minimization feature allows users to decide what information they want to share in any given situation and with whom (e.g. for age verification purposes).

Benefits:

- Could facilitate easy remote application for license renewal.
- Digital wallet functionality.
- Interoperable (ISO 18013-5) between devices.

| JURISDICTIONS

VeriGO® DriveID is the perfect digital companion to a physical card, not replicating physical card security features by function but providing current data with additional layers of anti-fraud protection.

Benefits:

- The ideal digital infrastructure for additional functionality, including other types of licenses, permits and digital voting.
- Ability to communicate and interact securely with citizens online.
- A physical driver's license confirms the holder's identity and indicates their driving privileges. But it is only as current as the day it was issued.
- No redundant data storage of driver's license information.
- The legacy driver's license or any other document database stays untouched and is the main database for any mobile document.

| THIRD PARTIES

From State service providers to liquor store owners, various third parties need age verification of the person with whom they are engaging. The VeriGO® DriveID mDL delivers this assurance with absolute certainty while respecting the privacy of the citizen.

Benefits:

- Easy to verify and integrate
- Peer-to-peer verification
- Integrated verification

| LAW ENFORCEMENT

Law enforcement officers require immediate access to authentic, verifiable data. VeriGO® DriveID delivers this, even in an environment where no cell-service is available, ensuring officers have absolute certainty about the identity and current status of an individual.

Benefits:

- Removes any uncertainty about ID verification
- Ease of verification – in less than 3 seconds
- Official use app, with maximum data security when hosted on Fedramp, NIST, eIDAS etc. frameworks

Trusted by law enforcers

Driver's licenses have evolved in many states to do much more than authenticating permission to drive a vehicle. From vendors of age restricted products such as liquor and lottery tickets to mobile phone providers, bank and hotel desk clerks, people across the world have come to rely on a driver's license as a proof of identity or age, not just as an authorization to drive.

Law enforcement officers are right at the top of that list. For them the secure ISO 18013-5 mDL compliant VeriGO® DriveID solution affords additional protections to complement those of existing DL cards. At roadside stops, for example, using a simple scanner an officer can query and verify a driver's license from a distance. By providing secure access to up-to-date, accurate information on the driver, the mDL can both reduce the time and enhance the safety of the engagement.

Furthermore, because only legitimate law enforcement officers can access information from the underlying license database, the system assures security for both license holders and law enforcement officers – helping remove uncertainty and establish trust between the two parties.



BENEFITS

- Rapid ID verification
- Effective both online and offline
- Fully customizable to individual user needs
- Can be expanded to include other IDs, (eg. digital ID and health cards)
- Secure smartphone verification for public authorities
- Available on Android and IOS operating systems
- Veridos' Public Key Infrastructure ensures optimal data protection while supporting secure communication with the backend system
- Simple peer-to-peer verification is also possible

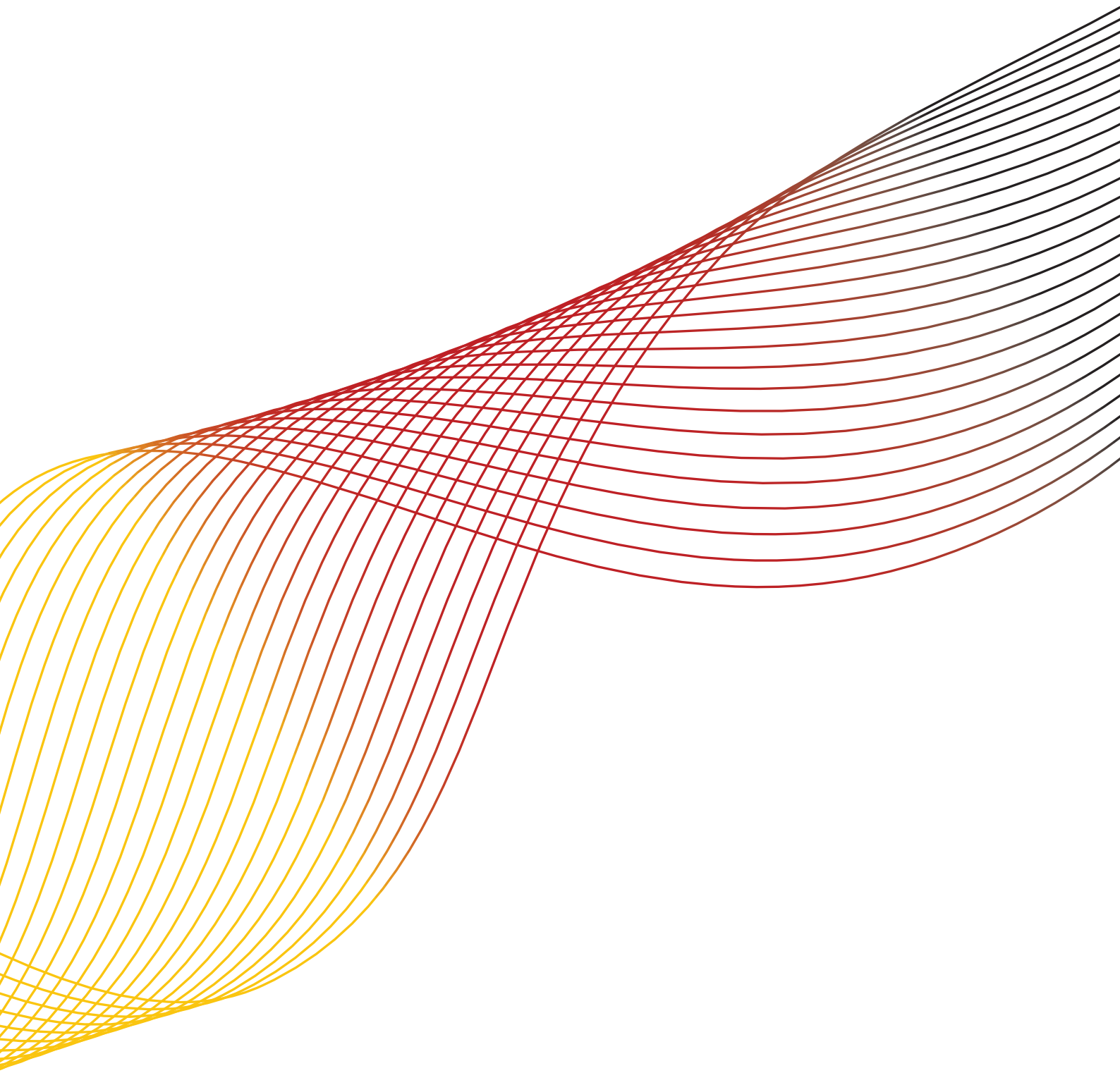
A modern solution to digitize documents

When it comes to mDL solutions, VeriGO® DriveID offers an unmatched range of benefits. Easy to implement, it provides rapid verification using standard interfaces across operating systems and devices and can be readily expanded using document lifecycle management to register and verify users and manage data.

VeriGO® DriveID ensures the integrity and security of the driver's personal data at all times. Data can be verified quickly and with certainty while the citizen retains control over access to that data, including preventing others from tracking its usage. Furthermore, an mDL can be presented and verified without direct contact. VeriGO® DriveID supports a wallet functionality that facilitates additional identity documents being carried on the same device, providing a digital framework for a modern identity management system

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