IDWay - Citizen Digital ID

eID-based approach

Our eID-based approach leverages NFC smartphone capacities to verify citizen identity via a person's electronic identity document.

Preserving the root of trust

When it comes to implementing a digital ID program, protecting citizen data is paramount. Governments are best positioned to provide the highest level of confidence and security when creating digital identities.

To support them in their mission, IDEMIA offers digital ID solutions that are either based on already existing national databases and/or state-issued ID documents. An eID-based approach is particularly ideal for governments willing to leverage a national electronic identity card to secure access to remote services.

At every step of the digital identity management process, IDEMIA brings its expertise and advanced technology tailored to the States' need to preserve the root of trust at enrollment, verification, issuance and authentication stages.

eID-based digital ID

IDEMIA eID-based solution allows remote identification and in-person ID verification. The solution leverages NFC technologies available on compatible digital devices such as smartphones and tablets available at home as well as kiosks that provide citizens with support onsite.

This solution features **IDEMIA SmartCard Connector (ISCC)** solution that provides an easy authentication process of the secure attributes stored in the chip of an ID document. To verify that the person is the true holder of a valid ID document, ISCC integrates **IDEMIA biometric check solutions (Capture SDK/ Web Capture)** that perform face verification.

Why IDEMIA?

Long-standing experience in civil ID with over 135 customers and over 3 billion identity documents issued worldwide.

Extensive experience and solid reputation in biometrics with 40 years of experience in the field and multiple biometric-based projects.

Expertise in A.I., cloud solutions, cryptography, cybersecurity, advanced analytics and innovative sensors for biometric data capture.

Holistic approach to digital identity.

Benefits

Highest level of confidence

eID with latest security and cryptographic features

Advanced biometrics checks

Privacy-by-design

Data is stored within the chip of the document

Consent-based attribute sharing

Compliance

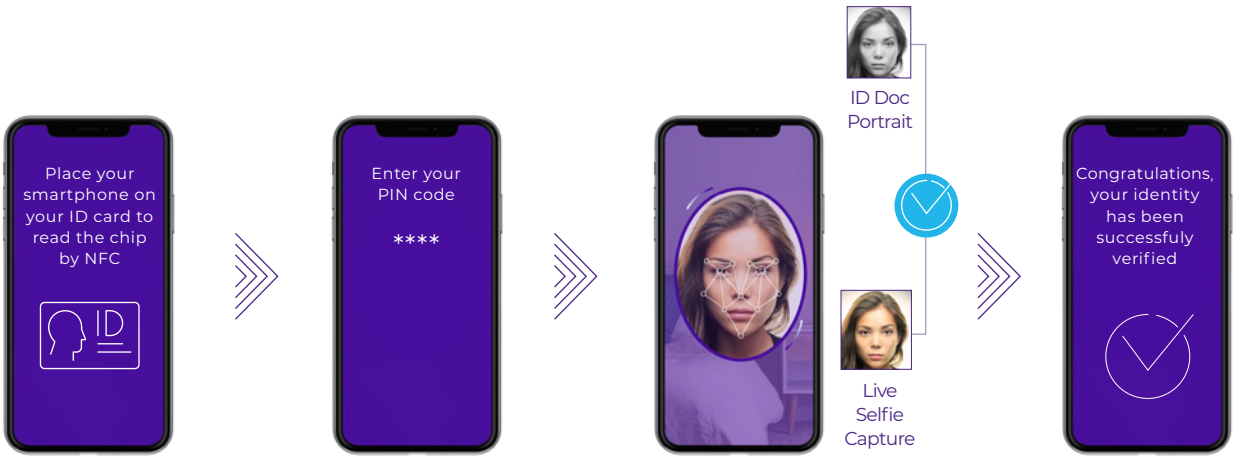
eIDAS

ISO IEC 30107-3 Active and Passive Liveness iBeta Presentation Attack Detection (PAD) Level 1 and 2

Open ID Connect

IDEMIA

CITIZEN JOURNEY



NFC Verification
Chip data integrity verification

PIN code verification
Enter PIN code associated with the eID document

Face verification with active liveness
Use captures selfie and performs a liveness detection test. The selfie matched against the ID document portrait.

ID verification result
User is informed if their identity has been correctly verified

SmartCard Connector

IDEMIA SmartCard Connector verifies the document's authenticity and validity. It also ensures that the provided data is genuine. It allows the user's data to be read and extracted from the smartcard. It also enables this same data to be shared securely with a service provider after the user has given consent. All of these steps are easily performed via NFC technologies that are available on most digital devices.

Capture SDK/ Web capture

IDEMIA's facial recognition technology allows service providers to check a citizen's identity against the root of trust—in this case, the verified data stored within the chip (biographics and biometrics data).

Privacy by design: personal data remains securely stored within the chip of the document and face verification is performed against the stored data in the chip.

eID-based digital ID usages

Usages can be various in both the public and the private sector. An eID-based digital ID can enable individuals to open a bank account, fill taxes, access health services among other opportunities.

iBeta LEVEL 1 ISO 30107-3 Presentation Attack Detection COMPLIANT TESTED

iBeta LEVEL 2 ISO 30107-3 Presentation Attack Detection COMPLIANT TESTED

Cutting-edge technology

- Mobile SDK for Android and iOS apps
- Web SDK for browser-based checks on PCs or mobile web browsers
- Active and passive Presentation Attack Detection (PAD) in accordance with ISO/IEC 30107-3

IDEMIA's digital identity solutions for governments

Among others, this device-based approach is part of IDEMIA's Digital identity solutions for governments:

- A system-based approach
- A device-based approach