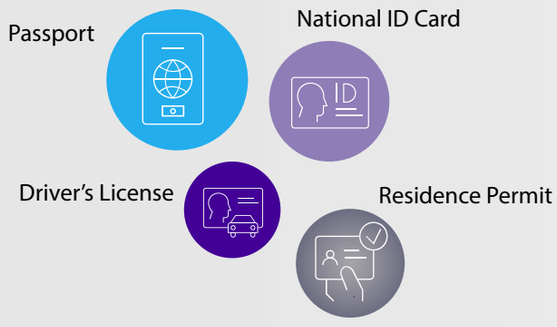
IDEMIA Identity Proofing Platform

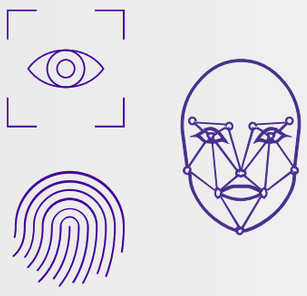
INPUTS

Identity Documents



Biometrics

Iris, Face, Fingerprints



Mobile-based Digital Credential

Mobile Driver's License/
Verifiable Credential

Identity Proofing Platform

DOCUMENT AUTHENTICATION

Capture ID using smartphone or hardware reader

- Check for genuineness
- Check security features
- Check internal data consistency

BIOMETRIC CHECKS

- Biometric auto capture (face/iris/fingerprints)
- Selfie liveness detection
- Biometric verification against document and/or against system of record (1:1 and 1:n matching)

ISSUER VERIFICATION

- Issuer system-of-record checks
- Country-specific data sources (Social security or credit bureau)

COUNTER-FRAUD CHECKS

- Anti-Money Laundering (AML) checks
- Watchlist checks
- AI deepfake detection
- Synthetic ID protections

Identity Evaluation Engine

OUTPUTS

ONE-TIME PROOFING

- Via proofing confidence score
- Configurable level of assurance based on risk profile

VERIFIABLE DIGITAL CREDENTIAL

- Mobile ID/mobile driver's license and verifiable credentials
- Issuance and digital verification
- Device-based/user control
- Dynamic screening
- Secure, privacy-preserving sharing, reusable

PROOFING BASIS FOR OTHER CREDENTIAL ISSUANCE

Including:

- Credentials for physical or logical access issued to hardware tokens (smart cards and USB security keys)
- Enrollment in biometrics-based access control system.

BENEFITS

CONFIDENCE & TRUST

- Deterministic (as opposed to probabalistic) fraud prevention
- High levels of assurance
- Certified to highest data and personal ID standards

INTEROPERABILITY

- Physical and mobile form factors of ID
- Hardware to software enablement
- Capture + storage + presentment
- Credential issuance to smart cards + USB passkeys

PRIVACY

- Personal identity protections
- AI deepfake/synthetic ID safeguards
- User-controlled sharing
- Selective disclosure