



INNOVATRICS



Enterprise Identity
Verification



Identity verification, done your way

Industry-leading identity verification fully customized
for your organizations' unique challenges

Tailored to your operations

SECURE

Advanced fraud protection

Block fraudulent attempts with multi-layer protection using NIST-benchmarked face recognition, identity document verification, liveness detection and video injection detection. Engineered to counter evolving identity threats to safeguard your operations.

ACCURATE

Independently tested, operationally reliable

Save time and money with highly accurate IDV components. Our face biometrics are consistently ranked among the best in NIST FRTE evaluations. iBeta Level 2 accredited liveness, compliant with ISO/IEC 30107-3 standards for Presentation Attack Detection (PAD).

USER-CENTRIC

Seamless identity workflows

Deliver an intuitive identity verification process that reduces friction, shortens processing time, and increases completion rates. Maintain smooth user experience without lowering security thresholds.

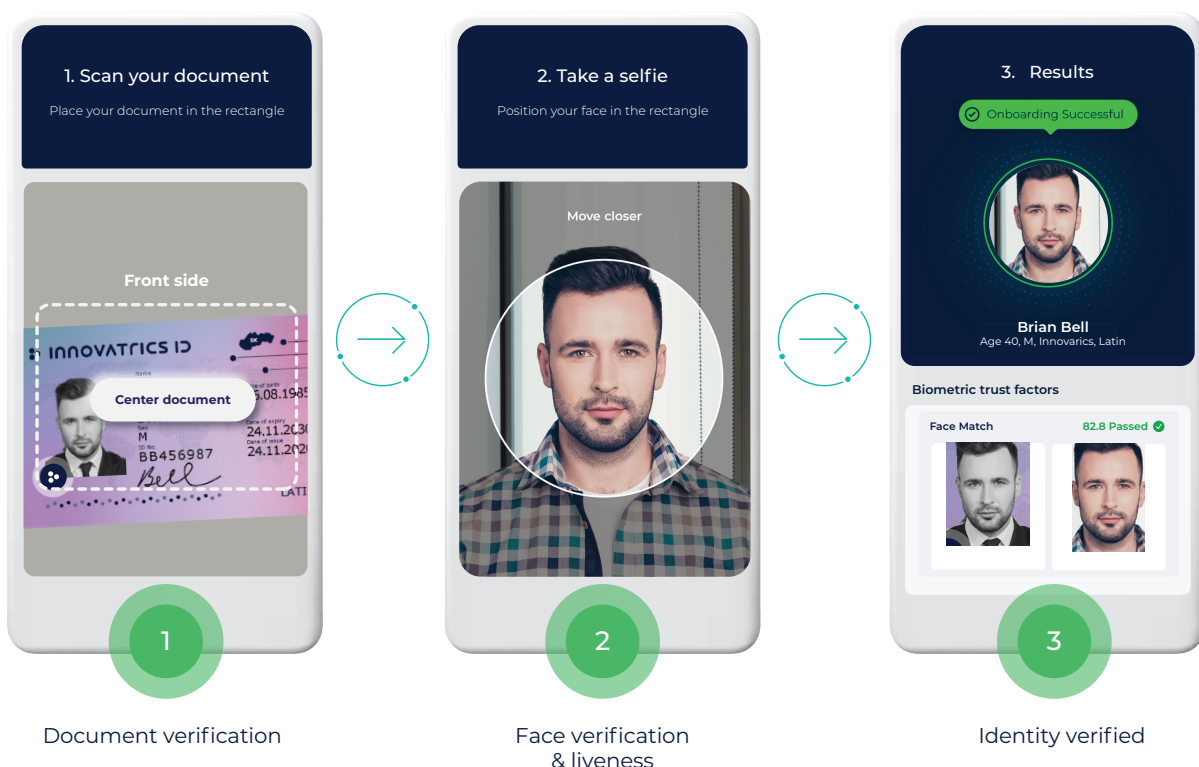
FLEXIBLE

Setup aligned to your requirements

Integrate seamlessly with your existing apps via well-documented server - and client-side SDKs & APIs. Built for high-volume, omnichannel onboarding. Deployable in the cloud or on premise.

Identity verification in three quick steps

With Innovatrics, onboarding a new customer couldn't be easier.

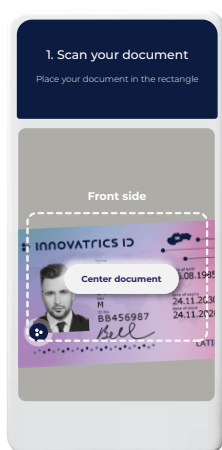


Innovatrics Identity Verification

One vendor, full technology stack

Innovatrics enables governments and organizations to build secure, scalable remote identity verification solutions. It allows the storage & management of onboarding data for authentication and identity fraud prevention.

COMPONENTS



Identity document verification

Extracts and reads data from identity documents, including visual inspection zone (VIZ), machine readable zone (MRZ), barcodes, and NFC.

AI-powered OCR & automated ID classification

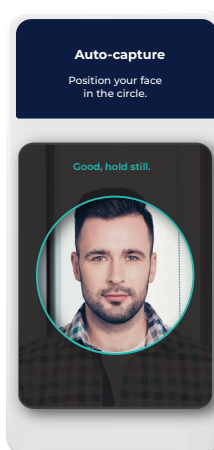
Extracts biometric & biographic data from an identity document by supporting a wide range of alphabets.

Document authenticity validation

Performs cross-checks between ID data fields and detects common document fraud attempts.

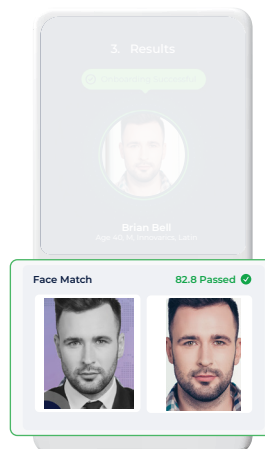
NFC verification

Works with any identity document with an embedded RFID chip and guarantees 100% proof of its authenticity.



Auto-capture

Guides users to take a photo of their ID or a selfie with the best possible quality for OCR or biometric validation, respectively. Improves completion rate.

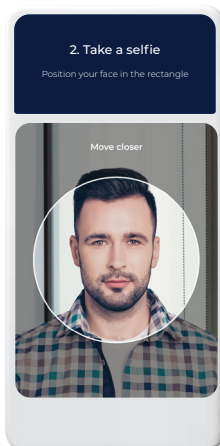


Biometric face verification

Captures a biometric-quality selfie and matches it to the identity document portrait using industry-leading facial recognition algorithms.

Age estimation

Estimates a user's age accurately and quickly without the need for ID documents to be presented.



Liveness detection

Verifies if a user is physically present during the identity verification process by detecting various types of presentation attack vectors, like print, display and 3D mask attacks.



We offer several types of liveness detection to meet the requirements of a specific use case:

Passive liveness

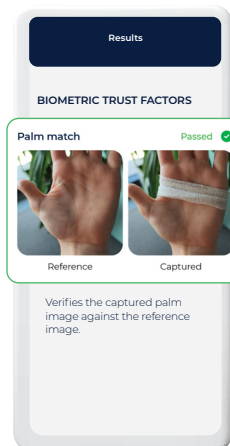
Single-frame evaluation. Ideal for selfie-login and high-throughput onboarding and instant results.

Smile liveness

Quick capture with a guided smile challenge. Strong security with minimal UX impact.

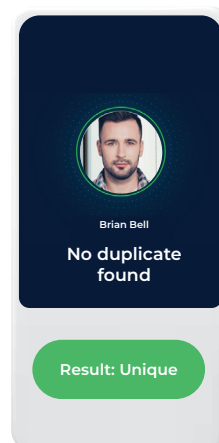
Multi-range liveness

Designed for high-security and high-risk identity scenarios. Multiple frames are evaluated for stronger spoof resistance. Randomized challenge to reduce replay attacks.



Mobile palm verification

Provides a secure, contactless layer of biometric verification to strengthen two-factor authentication (2FA) processes.



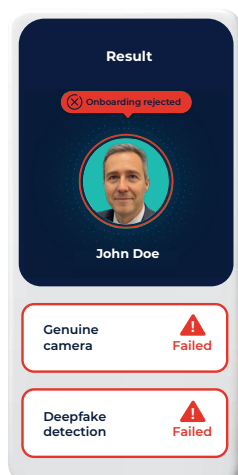
Identity management platform

Records and stores all onboarding data to ensure every identity is genuine and every onboarding is traceable and available for audit, or regulatory reporting.

Biometric Duplicate Search

Detects duplicate identities and known fraud attempts in real time with 1:N biometric search.

Deepfake and video injection detection



Covers all known attack angles, such as the injection of deepfake videos or photos, camera stream emulation, and network tampering. Adds an extra security layer to liveness detection.

Deepfake detection

Detects AI-generated and face-swapped images using a dedicated deepfake detection model.

Video injection detection

Ensures that video streams originate from a genuine camera and not from injected, replayed, or manipulated sources.

Customer Success Stories

FINANCE



Multi-country onboarding built for local compliance

260,000 new
account openings
per year

Country-specific
onboarding flows

Easy expansion

Erste Group needed a secure digital onboarding solution to enable remote account opening across **multiple Central European markets** while meeting each country's regulatory requirements. Innovatrics delivered an identity verification framework designed for local compliance, allowing the bank to adapt onboarding processes to **national rules** while maintaining **a consistent user experience**.

"We have greatly appreciated the continuous technical communication and product improvements on the Innovatrics side. We really have the understanding that we grow our products together. I am personally a strong believer in finding good partnerships rather than building all solutions in house."



Milan Stegic
Agile Manager at Erste Digital GmbH

FINANCE



Biometric onboarding for financial inclusion

10 million users

50 onboardings
per minute

Financial inclusion

Banco Estado sought to extend banking services to **people traditionally excluded from the financial system** due to location, socioeconomic barriers, or lack of standard identification. By deploying biometric digital onboarding, Innovatrics helped the bank simplify identity verification, reduce fraud risk, and enable more Chilean citizens to **access banking services remotely**.

GOVERNMENT



National digital Identity platform

Over 75 million
records

21,000 remote
identity
verifications daily

Digital identity
activation

Thailand's ThaiD digital identity platform enables citizens to **access government services online** using remote identity verification. Innovatrics provides secure biometric verification and **1:N duplicate checks** to ensure each person has only one verified identity, setting a new standard for trusted national digital public services.

TELECOM



Scalable onboarding with Arabic OCR

Less than 1 min
onboarding

Instant SIM
and eSim

Fully digital
experience for
all services

Vodafone Qatar deployed Innovatrics identity verification to enable fully digital SIM and eSIM onboarding across its services. The solution supports **Arabic-script identity documents** and international passports, while scaling to handle large volumes of users. Customers can complete **onboarding in under a minute** through mobile or web channels.

"We set out to make our onboarding as seamless as our network. With Innovatrics' solution in place, we've cut out paperwork, reduced fraud, and built a digital journey that works at scale. We've also launched Instant SIM, a first-of-its-kind service that lets customers pick up a SIM at 2,600+ locations and use limited, eKYC-only connectivity to onboard with no data—made possible by Innovatrics identity verification."



Ahmed Ali

Head of IT Product Development at Vodafone Qatar

Compliant, EU-wide identity proofing

**Compliance with
eIDAS and SEPBLAC**

**Improved
inclusiveness
for elderly**

**Cross-border
scalability**

Signicat integrated Innovatrics' biometric engine into its VideoID platform to strengthen identity verification **across the European Union**. The solution enables remote identity proofing with legal validity equivalent to in-person checks, aligning with EU regulatory frameworks such as **eIDAS and national AML rules** while scaling across diverse European markets.

"Innovatrics identity verification technology strengthened the heart of our VideoID solution, giving us the flexibility and reliability needed to strike the complicated balance between usability and security in our identity verification products — especially in regulated, high-risk environments. The guarantee of biometric models trained on unbiased datasets gives us the confidence to expand into new markets."



Silvia Lafuente
Tribe Lead at Signicat

Industry-tuned solutions

Since we develop and own all our technology, our identity verification can be used and configured to suit the specific operational needs of our clients, regardless of industry. Innovatrics' identity verification is trusted by governments and businesses worldwide and has been used in a wide range of use cases, such as customer onboarding, ID data extraction, driver registration, employee registration, document issuance, visa issuance, SIM card registration, and bank account opening.

Banking & consumer finance

Verify and register customers remotely via mobile apps or web application. Our identity verification technology provides a reliable biometric registration system for the banking and financial sector.

Sharing economy

Verify your users' identity not only upon sign-up for your services but also every time they log in to their accounts. The process is fully digital and automated, with no paperwork or in-person checks required.

Telco

Onboard new customers remotely while meeting regulatory requirements with reliable identity verification.

Insurance

Activate policies, authenticate clients, and process claims digitally and securely while protecting your organization from identity fraud.

Gaming industry

Verify the identity and age of gamers to comply with regulatory requirements and prevent online gaming fraud.

eGovernment

Establish seamless and entirely digital citizen services with reliable biometric identification.

Why choose Innovatrics?

With 20+ years of experience and over a billion people biometrically processed worldwide, we help financial institutions, telecom operators, and digital platforms establish trust when bringing their services online.

Technology leadership

Rely on NIST top-ranked, in-house biometric algorithms. Our identity verification technology is designed to work in real-world conditions, reliably preventing advanced digital fraud without ever sacrificing user experience.

Superior partnership

Integrate our robust onboarding and identity management APIs with your core systems, deployable in the cloud or on-premise. Our comprehensive documentation helps you integrate easily and launch smoothly.

Built around you

With flexible deployment, configurable verification workflows, and seamless integration into your existing systems, you can launch identity verification tailored to your business model and regulatory requirements.



Top performer
NIST FRTE 1:N



Top performer
NIST FRTE 1:1



Top accuracy
NIST FATE AEV



**Presentation Attack
Detection Level 2**

Try our demo:



Web version



Android app



iOS app

About Us

We are an independent EU-based provider of multimodal biometric solutions. Our algorithms consistently rank among the fastest and most accurate in fingerprint and face recognition. Since 2004, we have partnered with all types of organizations to build trusted and flexible biometric identification solutions. Our products are being used in more than 80 countries, benefiting more than a billion people worldwide.

Contact

sales@innovatrics.com | www.innovatrics.com

Slovakia (HQ)
+421 2 4922 3000

Brasil
+55 11 4210-5185

Singapore
+65 3158 7379

USA
+1 404984-2024