



BIOMETRIC SOLUTION SUITE

Dynamic Liveness

The rise of generative AI and deepfakes has changed the priorities for product leaders. No longer can security be sacrificed for UX in remote onboarding and authentication systems. But it doesn't have to be a tradeoff either.

iProov Dynamic Liveness verifies it's a real person and they're authenticating in real time. With over 30 patents, the FIDO-compliant solution is proven to defend against advanced presentation and deepfake attacks while conforming with global accessibility standards WC3 WCAG 2.2 AA and ADA Section 508.



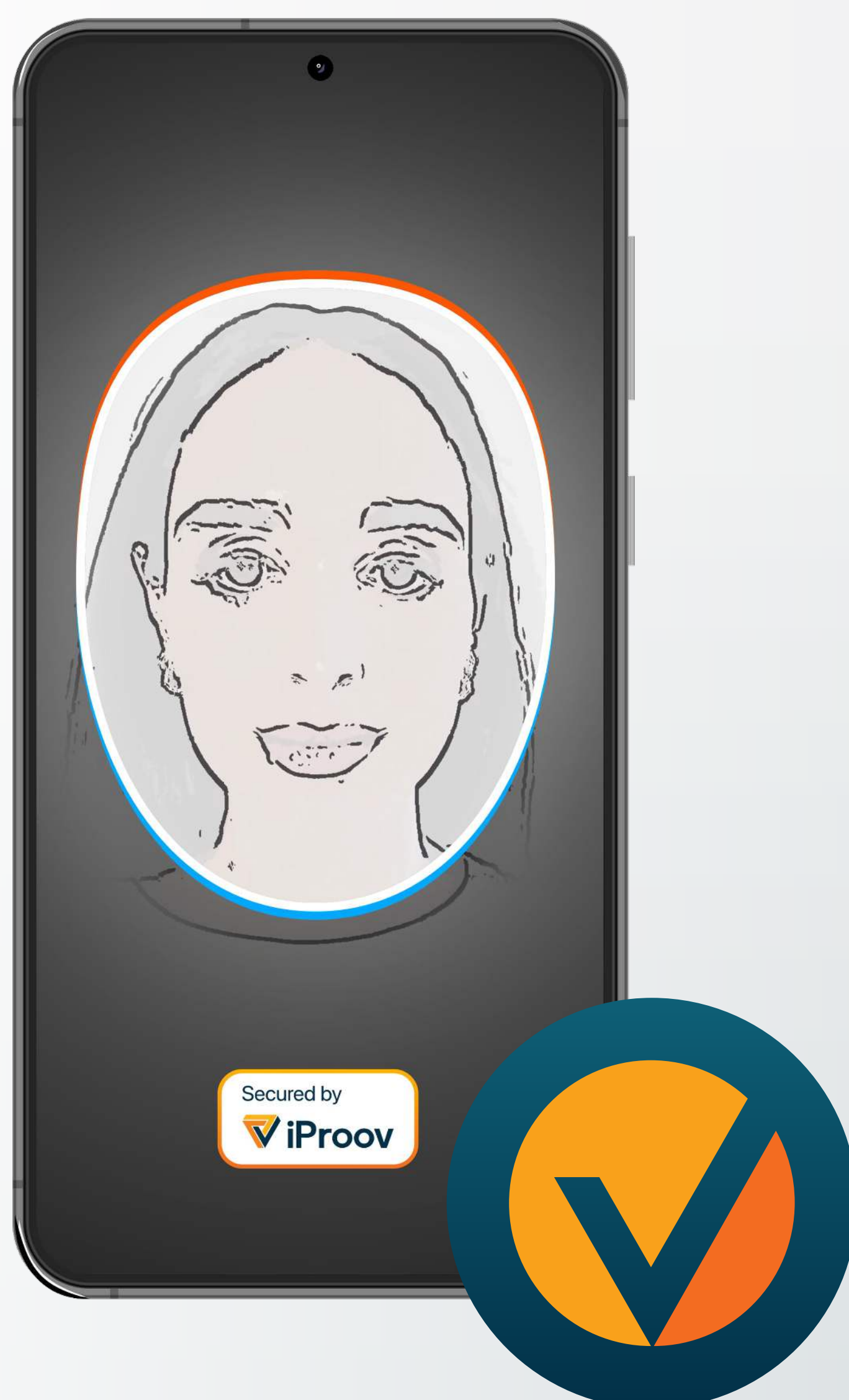
How it works



1.

Capture

Individuals take a face capture. The device screen is illuminated with a unique color sequence, delivering a passive challenge response that increases security without friction.



2.

Analyze

A complex AI system analyzes the imagery, device, and risk signals to verify it's a real person (not a spoof) and they're authenticating in real time (not a deepfake).



3.

Adapt

An active threat management system monitors, analyzes, and adapts to evolving threats, delivering continuous adjustments without disrupting the customer or end user.

Industries and Use Cases

-  **User Onboarding**
-  **Step-up Authentication**
-  **Device Binding**
-  **Reusable Digital Identity**

-  **Financial Services**
-  **Government**
-  **Healthcare**
-  **Workforce**

Solution Benefits

✓ Accessibility Conformance

Meets WCAG 2.2 AA and Section 508, with a user-centric design and active bias mitigation for consistent performance across age, gender, and skin tone.

✓ Passive Challenge Response

Patented Flashmark technology illuminates the device screen with a unique sequence of colors to confirm the individual is genuinely present, and isn't a deepfake.

✓ High Conversions

Drives industry-leading completion rates of <98% and an average of 1.2 attempts to pass.

✓ Device Independent

Individuals can authenticate on any device with a front-facing camera without specialized hardware.

✓ Deepfake Mitigation

Advanced mitigation of presentation attacks, like masks or photos, and injection attacks, like deepfakes and face swaps.

✓ Active Threat Management

Active threat management identifies, analyzes, and adapts to emerging threats, deploying continuous adjustments without disrupting the customer or end user.

✓ Threat Detection and Response

Threat intelligence experts monitor and respond to threats quicker than any liveness provider on the market.

✓ Threat Intelligence

Gain profound insights into the strategies employed by threat actors to shape a proactive security strategy.

✓ Flexible Assurance

Adaptable levels of identity assurance for the optimum balance of security and usability by use case and risk threshold.

✓ Fully-Managed Service

iProov provides scalable hosting, integration support, customer success management, and ongoing security updates.

Certified to the Highest Industry Standards

Robust Technology



iProov Dynamic Liveness is the world's first face biometric solution to achieve comprehensive certification for remote Face Verification from the FIDO Alliance. In a rigorous evaluation of face matching and liveness detection, conformant to ISO 19795 and ISO 30107, the technology thwarted every presentation attack, including photos, masks, face morphs, videos, and presented deepfakes.

Security-first Company



Testimonials

"We needed a technology partner to support our mission to make secure digital identities available to everyone. iProov was the obvious choice. They hold privacy and security in the highest regard."

Stephanie De Bruyne
CEO of itsme®



Integration and Support

- **Platform Support:** Lightweight SDKs for Web, iOS, and Android with real-time user feedback and device metadata analysis.
- **Solution Architect:** A dedicated solution architect manages the integration to optimize performance and usability.
- **Customer Success:** A dedicated customer success manager executes an ongoing success plan, with quarterly business reviews and reports to improve business outcomes.

Book an iProov Demo Today

