



Face Verification

AI-Powered Identity Verification

Designed for Real-World Fraud and Regulatory Requirements



Identity Fraud Is Evolving Faster Than Traditional Defenses

As digital onboarding scales, fraud techniques—particularly deepfakes—are becoming more sophisticated and accessible.

- ▶ **Advanced Spoofing Attacks Are Increasing**
Modern attacks such as DepthFake can achieve up to [79.4% success rates](#) against commercial 3D face authentication systems
- ▶ **Deepfake Fraud Is Scaling Rapidly**
Industry reports highlight a sharp rise in AI-driven fraud, including a [2,137% increase in deepfake-related fraud attempts](#) over three years
- ▶ **Onboarding Friction Impacts Growth**
Around [63% of users abandon digital bank onboarding processes](#), highlighting the need for fast, low-friction verification.
- ▶ **KYC Inefficiencies Are Costly**
 - ✔ [67% of banks report losing clients](#) due to slow or inefficient onboarding
 - ✔ Manual KYC processing can cost [\\$2,000+ per case](#)
- ▶ **Real-World Conditions Challenge Biometric Systems**
Variability in lighting, devices, and attack sophistication can significantly impact performance, requiring more robust, multi-layer detection approaches.



Regulatory Expectations Are Increasing

Biometric verification is subject to growing scrutiny across jurisdictions, particularly around accuracy, transparency, and data handling.

EU AI Act

Remote biometric identification is classified as high-risk, with penalties up to [€35M or 7% of global turnover](#)

Biometric Privacy Enforcement (US)

Laws such as [Illinois' BIPA](#) have resulted in major settlements, including Facebook (\$650M), Google (\$100M), and TikTok (\$92M) (IAPP)

Global Data Transfer Requirements

Frameworks such as India DPDP, Brazil LGPD, and Saudi PDPL impose conditions on [how biometric data can be stored and transferred](#) across borders

Shufti Face Verification

Designed for Security, Accuracy, and User Experience

Shufti Face Verification provides AI-powered identity verification with a focus on real-world performance and regulatory alignment. It delivers real-time facial liveness detection and 1:1 face matching.

 <p><0.001% False Acceptance Rate</p>	 <p>~99% True Acceptance Rate</p>	 <p><3s Verification Time</p>	 <p>0 Failure-to-Capture</p>
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Core Capabilities



Advanced Multi-Layer Anti-Spoofing

Shufti leverages a multi-layered detection approach designed to identify a wide range of sophisticated attacks, including deepfakes, 3D masks, video replays, and injection attempts. Detection combines over 56 signals, including:

- ✓ Texture and micro-pattern analysis
- ✓ Frequency-domain inspection
- ✓ 3D depth and spatial mapping
- ✓ Light reflection and environmental cues
- ✓ Behavioral analysis



Hybrid AI + Human Review

Shufti combines automated AI decisioning with optional human review for complex or edge cases. This approach helps improve accuracy and inclusivity in scenarios such as:

- ✓ Damaged or low-quality identity documents
- ✓ Challenging lighting conditions
- ✓ Accessibility or medical-related variations



Flexible Liveness Detection (Active + Passive)

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- ✓ **Passive Liveness:**
Single selfie capture with no user action required, no poses or special lighting, optimized for high-volume onboarding.
- ✓ **Active Liveness:**
Enhanced verification using motion, depth, and texture signals, suitable for higher-risk transactions.



High-Speed 1:1 Face Matching

Performs facial comparison between a live capture and an identity document image in under 1 second, enabling seamless onboarding and re-authentication workflows.



Intelligent Auto-Capture Experience

SDK-based auto-capture detects optimal positioning and lighting conditions, capturing images automatically without manual input. This reduces retries and improves completion rates across devices and environments.



Flexible Deployment Architecture

Supports cloud, on-premise, and hybrid deployment models, allowing organizations to align implementation with internal security, compliance, and data residency requirements. Architecture is designed to support zero-trust principles and enterprise security standards.



Omnichannel Verification Workflows

Enables consistent identity verification across multiple channels:

- ✓ **Onsite Flows:**
Real-time camera capture
- ✓ **Offsite Flows:**
Image upload for asynchronous or agent-assisted verification



Unified SDK Across Platforms

A single SDK supports integration across iOS, Android, and Web, covering multiple verification use cases including Face Verification, Document Verification, NFC-based checks, AML screening or KYB workflows.

This unified approach reduces integration complexity and eliminates reliance on multiple third-party components.

Independently Validated Performance and Standards



iBeta Level 1 & Level 2

Fully certified for [ISO 30107-3 Presentation Attack Detection](#) across both passive and active liveness.



Enterprise Security Standards

Independently audited for SOC 2 Type 2, PCI DSS compliance, and ISO 27001 certification.

Top Performer

DHS RIVR 2025

Met 100% of the U.S. Department of Homeland Security's [biometric accuracy goals](#) across diverse demographics in real-world conditions.



Global Regulatory Alignment by Design

Shufti is designed to support organizations operating across multiple jurisdictions:

North America

Supports biometric consent and governance requirements aligned with BIPA and related frameworks

Europe (EU/UK)

Designed to support GDPR requirements and emerging EU AI Act obligations

APAC, MEA, LATAM

Flexible deployment options enable alignment with local data residency and privacy requirements

Industry Applications

Shufti 1:1 Authentication is **purpose-built for sectors** where the cost of identity failure is high and the expectation of a seamless user experience is non-negotiable.



Banking & Financial Services

Streamline onboarding while addressing regulatory expectations



Fintech & Digital Platforms:

Reduce friction with fast verification flows



Crypto & Forex:

Support identity verification aligned with AML/KYC obligations



Telecom, Gaming, Healthcare, Travel

Enable scalable identity verification across use cases

Strengthen Your Identity Verification Today

Deepfake-driven fraud and regulatory expectations are evolving rapidly. Ensuring your verification stack keeps pace requires real-world validation.

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Talk to an expert

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