

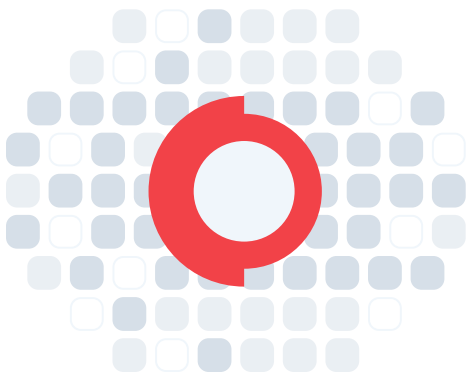


# Document Verification for Healthcare

Patient Identity Done Right. Every Time. No Exceptions.



In healthcare, a misidentified patient is not a fraud statistic. It is a clinical risk. **Medical identity fraud**, using stolen or fabricated IDs to access treatment, prescriptions, or insurance benefits, costs the healthcare industry billions annually and creates dangerous gaps in patient records.



AI-generated documents now produce photorealistic insurance cards, passports, and national IDs that pass basic visual inspection. And as telehealth scales, remote patient onboarding is happening across borders, across scripts, and across document types that generic OCR engines cannot reliably read.

At the same time, data protection obligations are unforgiving. Biometric and health data are among the most sensitive categories **under GDPR, CCPA/CPRA, and equivalent frameworks globally**. Every aggregator dependency in your verification stack is a data transfer your DPO must document and defend.

**Shufti's 9-layer forensic pipeline**, built entirely in-house, DHS RIVR 2025 v1idated, gives healthcare operators the verification accuracy, data sovereignty, and forensic depth that patient safety demands.

## When Fraud Operates At This Level, Verification Has To Match It



### Medical identity fraud

Fraudulent IDs used to access prescriptions, procedures, and insurance reimbursements corrupt patient records and create clinical safety risks. Shufti's 9-layer pipeline, including DCT frequency analysis and GenAI tool fingerprinting, detects AI-generated and synthetic IDs before they enter your patient database.

### Telehealth onboarding at scale

Remote patient verification across borders requires document coverage that generic platforms cannot match. Any government-issued document, 250+ countries, 150+ languages, without per-country configuration.

### Non-Latin OCR accuracy

Patients presenting Arabic, CJK, Hindi, and Devanagari-script documents are routinely turned away by OCR failures. Shufti outperforms Google on Arabic (92.17% vs 90.24%), Burmese (94.41% vs 64.36%), and CJK (86.87% vs 82.89%), delivering accurate patient identity extraction across every market you serve.

### Data sovereignty by design

Health and biometric data are among the most sensitive categories under GDPR Article 9, CCPA/CPRA, and equivalent frameworks. Shufti's in-house stack, no aggregators, no third-party data routing, on-prem deployment available, gives your DPO the architecture to defend every jurisdiction's requirements from a single vendor relationship.

### Document expiry and re-verification

Insurance cards, residency permits, and national IDs expire. Continuous Verification monitors document validity across active patient records and triggers automated re-verification, eliminating the manual tracking that creates compliance gaps.

# Feature Matrix

Module	Core Capability	Healthcare Strategic Edge
<b>9-Layer Forensic Pipeline</b>	Document liveness, image properties, MRZ/security checks, template integrity, similarity search, copy-move, GenAI detection, DCT frequency, AutoML aggregation	Detects AI-generated and synthetic IDs before they corrupt patient records
<b>In-House Stack , No Aggregators</b>	No third-party data routing. True data processor status.	Eliminates cross-border transfer risk for biometric and health-adjacent data
<b>Non-Latin OCR</b>	99.7% accuracy. Outperforms Google on Arabic, Burmese, CJK.	Accurate patient identity extraction across non-Latin script populations
<b>Global Document Coverage</b>	Any government-issued document, 250+ countries. New types added on demand.	Telehealth onboarding across every market without per-country configuration
<b>Continuous Verification</b>	Document expiry monitoring and automated re-verification	No manual tracking of expiring patient IDs or insurance documents
<b>On-Prem Deployment</b>	Full suite deployable on your infrastructure	Data residency for patient identity data meeting GDPR, CCPA, and equivalent obligations
<b>Heatmap Evidence</b>	Pixel-level manipulation visualisation on every rejection	Audit-ready forensic evidence for regulatory and clinical governance review
<b>Fraud Memory</b>	Flags document reuse across every submission	Detects medical identity fraud rings attempting access across multiple facilities

## Performance Built For Patient Safety

### False Rejection Rate (FRR)

**0.0151**, only **1.51%** of legitimate documents wrongly rejected.

### True Acceptance Rate (TAR)

**~98.49%**, genuine documents pass on first attempt.

### Equal Error Rate (EER)

**~0.015–0.016**, security and user experience optimised simultaneously.

### False Transaction Count (FTC)

**0**, every document processed to completion, no exceptions.

### OCR Accuracy

**99.7%** across **150+** languages on any government-issued document.

### PVC Card Detection

Over **95%** accuracy, including Japanese PVC cards, an industry first.

### Processing Speed

Under **15 seconds** end-to-end

### Certifications

PCI DSS certified.

### Deepfake Detection

**99%** accuracy via RGB and DCT frequency analysis.

### Government Validation

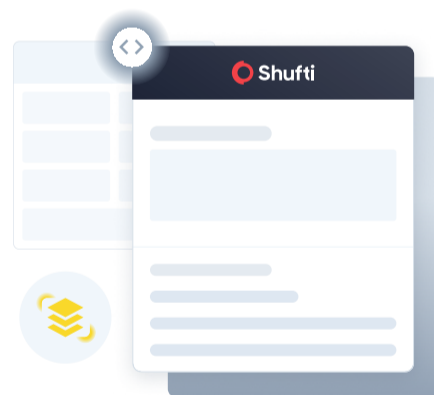
**DHS RIVR 2025** Top Performer and Gartner recognised.

# Regulatory Alignment

Framework	Requirement	How Shufti Delivers
GDPR , Articles 9, 28	Health and biometric data as special category; processor obligations; data minimisation	Article 28 processor status; no aggregators; consent capture; on-prem option
CCPA / CPRA	Sensitive personal information protections; breach liability for biometric data	In-house processing; no third-party routing; SOC 2 / ISO 27001 certified
PIPEDA / Quebec Law 25	Express consent for biometric processing; CAI notification for biometric databases	Consent capture; configurable retention; in-house data processing
CBUAE / Saudi PDPL	Biometric data as sensitive category; data sovereignty requirements	ISO 27001, GDPR-aligned; cloud and on-prem within jurisdiction

## Deployment

- ▶ **REST API**  
Integrates with existing EHR, telehealth, and patient management systems.
- ▶ **Mobile & Web SDKs**  
Guided capture for patient self-service onboarding. Reduces retries before submission.
- ▶ **Journey Builder**  
Configure verification flows per patient risk tier, service type, and jurisdiction without rebuilding existing systems.
- ▶ **Deployment Options**  
Cloud, On-Premises, Hybrid. PCI DSS certified. SOC 2, ISO 27001 certified.



## Ready to Protect Your Patients?

See Shufti live against your document types, your patient populations, and your data residency requirements. [Request a Blind Spot Audit](#), Test your current stack against AI-generated patient IDs and medical identity fraud patterns. See what gets through.

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