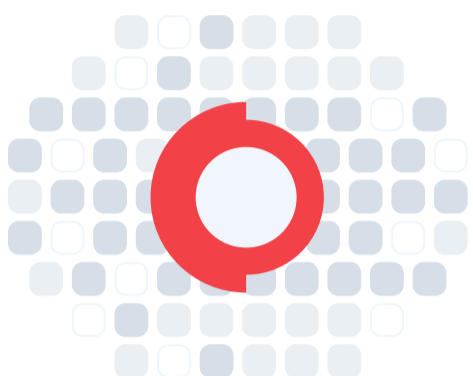


# Document Verification for **Gig Economy & Marketplaces**

Scale Your Workforce. Not Your Fraud Risk.



Gig platforms and marketplaces onboard at speed and at scale. **Fraudsters have noticed.**



ID lending, a worker renting their verified identity to an unverified person, is one of the most damaging and hardest-to-detect fraud vectors in the gig economy. Combine it with AI-generated documents that pass basic visual inspection, multi-lingual workforces spanning Burmese, Hindi, Arabic, and Tagalog that generic OCR engines routinely misread, and expiry monitoring gaps that leave platforms with lapsed documents across their active worker base and most verification stacks were simply not built for this environment.

**Shufti's 9-layer forensic pipeline** built entirely in-house, DHS RIVR 2025 validated, gives gig platforms and marketplaces the document coverage, fraud intelligence, and OCR accuracy to verify at the speed the gig economy demands, without the fraud risk.

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



### **ID lending and document reuse**

The same document submitted under multiple worker profiles, with or without alteration. Fraud Memory flags document reuse across every submission on your platform. The originality engine detects replays, altered documents, and synthetic IDs at the point of entry. Every rejection is stored for compliance defence.

### **AI-generated and synthetic documents**

GenAI tools produce photorealistic driving licences, national IDs, and work permits that pass basic visual checks. Shufti's DCT frequency analysis catches the mathematical signatures invisible in the colour spectrum. 99% deepfake detection accuracy. FAR 0.0163, DHS RIVR 2025 validated.

### **Multi-lingual workforce verification.**

Crypto users don't map neatly to one jurisdiction. Any government-issued document across 250+ countries, 150+ languages, without per-country configuration. OCR outperforms Google on Arabic (92.17% vs 90.24%), Vietnamese (96.79% vs 82.36%), and CJK (86.87% vs 82.89%), the scripts your non-Latin user base actually presents.

### **Document expiry and right-to-work monitoring**

Driving licences, work permits, and residency documents expire. Continuous Verification monitors document validity across your active worker base and triggers automated re-verification and eliminating the manual tracking gaps that create compliance exposure.

### **Multi-document verification**

Right-to-work verification across regulated markets requires more than a national ID. Document Two Service collects a driving licence, work permit, and national ID in the same session and one consent capture, one audit trail, automated cross-check of name, DOB, and document number.

# Feature Matrix

Module	Core Capability	Gig Economy
<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	Catches AI-generated and altered documents at submission, before fake workers activate on your platform
<b>Fraud Memory &amp; ID Lending Detection</b>	Flags document reuse and re-registration patterns across every submission	Directly counters ID lending rings cycling the same verified identity across multiple worker profiles
<b>Non-Latin OCR</b>	99.7% accuracy. Burmese 94.41% vs Google's 64.36%. Arabic 92.17% vs Google's 90.24%.	No OCR failures on Burmese, Hindi, Bengali, Tagalog, and Arabic worker populations
<b>Document Two Service</b>	Two documents, one session, one consent capture. Automated cross-check of name, DOB, and document number.	Right-to-work verification, driving licence + national ID + work permit in a single flow
<b>Continuous Verification</b>	Document expiry monitoring and automated re-verification triggers	No manual tracking of lapsed driving licences, work permits, or residency documents
<b>Global Document Coverage</b>	Any government-issued document, 250+ countries. New types added on demand.	One integration covering every worker document across every market you operate in
<b>Video-Only Mode</b>	Live capture blocks replay, screenshot, and edited proof attacks	Secure step-up for high-risk re-verification events and identity challenges
<b>Heatmap Evidence</b>	Pixel-level manipulation visualisation on every rejection	Audit-ready forensic evidence for labour authority and platform compliance review

## Performance Built For Gig Scale

### 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

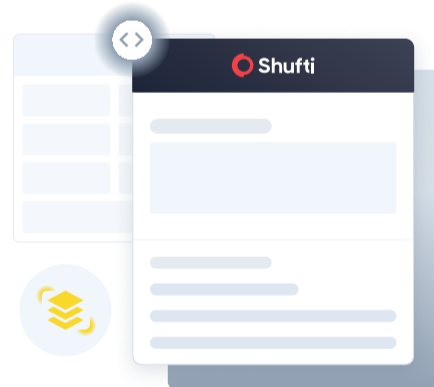
**DHS RIVR 2025** Top Performer and Gartner recognised.

# Regulatory Alignment

Framework	Requirement	How Shufti Delivers
Right-to-Work (UK, EU, Australia)	Verification of eligibility to work; document-based evidence; retention obligations	Document Two for multi-document right-to-work verification; configurable retention
GDPR — Arts. 5, 6, 9, 28	Processor obligations; biometric data protections; data minimisation	Article 28 processor status; no aggregators; consent capture; on-prem option
FATF AML/CFT	CDD for platforms handling payments to workers	Evidence-backed verification outcomes; AML screening add-on available
DPDPA (India) / PDPA (Singapore)	Consent-based processing; data residency obligations	Consent capture built in; on-prem deployment within jurisdiction
LGPD (Brazil) / LFPDPPP (Mexico)	Biometric data as sensitive; explicit consent; purpose limitation	Documented consent flows; no aggregator routing; cloud and on-prem within LATAM

## Deployment

- ▶ **REST API**  
Submit documents, select checks, receive structured results with reason codes. Operational in days.
- ▶ **Mobile & Web SDKs**  
Guided capture optimised for field workers onboarding from mobile in variable lighting conditions.
- ▶ **Journey Builder**  
Configure verification flows per worker type, market, and risk tier without engineering rebuild.
- ▶ **Deployment Options**  
Cloud, On-Premises, Hybrid. PCI DSS certified.



## Ready to Protect Your Platform?

See Shufti live against your document types, your risk tiers, and your VASP compliance requirements. [Request a Blind Spot Audit](#), Test your current stack against ID lending patterns, AI-generated documents, and non-Latin OCR failures. See what gets through.

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[Book a Demo](#)