

Zero-License Fraud Management

Cost-Optimized & Compliant Solutions for Fintech

Strategic advantages of open-source fraud detection technology

Executive Summary

Nigerian fintechs face escalating fraud threats with traditional systems characterized by high licensing fees, reactive detection, and manual processes. Zero-license (open-source) technology presents a compelling alternative that addresses both cost optimization and compliance imperatives while delivering advanced AI/ML-powered fraud detection capabilities.



60-83%

Fraud Loss Reduction



\$5:\$1

ROI on Investment



80%

Manual Review Reduction

Traditional System Limitations

Cost Drivers

- High licensing and subscription fees
- Vendor lock-in scenarios
- Expensive manual review processes
- Recurring administrative charges

Performance Issues

- Batch processing with significant latency
- High false positive rates
- Reactive fraud detection (hours/days delay)
- Inflexible rule-based systems

Zero-License Technology Advantages

Cost Optimization

- Elimination of licensing fees
- Reduced operational expenses
- Freedom from vendor lock-in
- Resource reallocation to critical areas

Advanced Capabilities

- Real-time transaction monitoring
- AI/ML adaptive learning
- Behavioral profiling & analytics
- Identity verification integration

Compliance & Regulatory Benefits

Nigerian Regulations

- CBN AML/AI directives compliance
- NDPA data protection adherence
- NIBSS fraud prevention requirements

Global Standards

- AML/KYC requirement automation
- Transparent audit trails
- Data privacy control

- BVN/NIN integration capabilities

- Explainable AI capabilities

Quantified Business Value

↓ Cost Reductions

- 60% reduction in fraud-related chargebacks
- \$20M+ annual savings potential
- 40% reduction in manual reviews
- 91% decrease in false positives

↑ Revenue Enhancement

- Real-time fraud detection capabilities
- \$8M annual regulatory fine savings
- Enhanced customer trust & retention
- Improved operational efficiency

Strategic Implementation Approach

1

Phased Rollout

Start with pilot programs and AI overlays

2

API Integration

Seamless integration with legacy systems

3

Talent Development

Continuous training and upskilling

Featured Open-Source Technologies

Marble

AI4Risk/Antifraud

Real-time decision engine for fraud and AML detection

ML models for financial fraud detection

Python ML Libraries

Scikit-learn, PyOD, Kats for anomaly detection

Cybersecurity Tools

Wireshark, Zeek, Suricata for comprehensive security

Strategic Recommendations

- ✓ **Invest in AI-powered open-source fraud management systems** for cost-effective, scalable solutions
- ✓ **Implement API-driven architecture** for seamless integration with existing infrastructure
- ✓ **Prioritize continuous talent development** in AI, ML, and cybersecurity
- ✓ **Foster cross-functional collaboration** between fraud, compliance, IT, and business teams

Transform Your Fraud Management Strategy

Partner with Tevc Concepts Limited to implement cost-optimized, zero-license fraud management solutions that deliver measurable ROI while ensuring regulatory compliance.



Custom Implementation

Tailored solutions for your specific needs



Expert Consultation

Strategic guidance and technical expertise



Proven Results

Measurable ROI and compliance assurance

