



Tookitaki Anti-Money Laundering Suite

The Industry-Leading Machine Learning-Powered Solution to Combat Money Laundering

Solution Highlights

- 5% increase in true suspicious transaction reports (STRs)
- 60% reduction in false positives for name screening
- 40% reduction in false alerts for transaction monitoring

Unique Value Propositions

Tookitaki Anti-Money Laundering Suite (AMLS) is a paradigm shift from existing rules-based AML systems. Rather than focusing logic on static transactional behavior which fails to detect sophisticated threats and generates a large volume of false alerts, AMLS introduces 3 new concepts to revolutionize AML:

1. Ability to detect 'new' suspicious cases missed by current rules-based systems
2. Ability to update and evolve existing detection scenarios automatically and increase risk coverage
3. Ability to triage existing alerts into three risk bands, making the alerts disposition process efficient and scientific

Leveraging a semi-supervised learning algorithm, AMLS uncovers intricate relationships and creates new detection scenarios, which are auto-updated to the repository. Predictions from both supervised and unsupervised models are combined by a scoring algorithm, ensuring detection of both known and unknown true suspicious cases, respectively.

The Toolitaki Difference

- Improve risk coverage by identifying new STRs
- Reduce false positive alerts and improve efficiency in the alerts disposition process
- Provide detailed explanations for every alert to enable better and faster alert disposition
- Deliver business intelligence and analytics dashboards for an integrated AML view across key components of transaction monitoring and name screening
- Zero disruption to existing AML processes
- Enable faster time to market with 4-6 month implementation and integration to existing AML systems
- Continuously improve algorithms and the accuracy of predictions over time via a self-learning utility - reducing the need for data scientists to actively maintain the algorithms

Why Do Existing Rules-Based Transaction Monitoring (AML) & Name Screening (KYC) Systems Fall Short?

- Money laundering tactics are dynamic and ever-evolving, but legacy rules-based AML systems use single dimensional detection logic which is ineffective
- The result is a massive number of alerts, ranging from 50,000 to 150,000 alerts per month
- Rules-based systems typically generate 93-97% false positive alerts. False positives are a drain on the productivity of AML & KYC teams
- Huge backlogs and massive ageing of alerts significantly increase the risk of regulatory non-compliance & fines
- Despite having case management and standalone investigation functions, AML investigators require up to 5 hours to close alerted cases; resolving such cases is highly manual and subjective
- Digital businesses increasingly require straight through processing (STP) for money transfers and KYC, which is virtually impossible with current rules-based transaction monitoring and name screening systems

What is AMLS?

Tookitaki's Anti-Money Laundering Suite (AMLS) is an AI-driven transaction monitoring & name screening platform that drastically reduces the cost of compliance cost, significantly reduces the risk of money laundering and substantially reduces the risk in the KYC name screening process. AMLS comprises of two modules:

- AMLS-TM for suspicious transaction monitoring
- AMLS-NS for name and client screening

AMLS is a proven platform that reduces false positive alerts and hits by 40-60%, dramatically improves the alert investigation process, and automatically identifies new and ever-changing money laundering patterns in transaction monitoring. AMLS infers missing information using text mining for name screening.

AMLS uniquely complements and drastically improves your existing AML processes by seamlessly co-existing with the bank's existing rules-based transaction monitoring and name screening solutions.

Easy Deployment & Robust Scalability

Based on distributed computing (Spark) and storage (HDFS) infrastructure, the AMLS platform architecture is highly robust and scalable. This enables horizontal scalability without compromise or limitations on large or growing customer/interaction datasets. Moreover, AMLS offers both on-premise and secure cloud deployment options. AMLS is quickly and seamlessly integrated with the bank's existing rules-based AML systems through connectors and REST APIs.

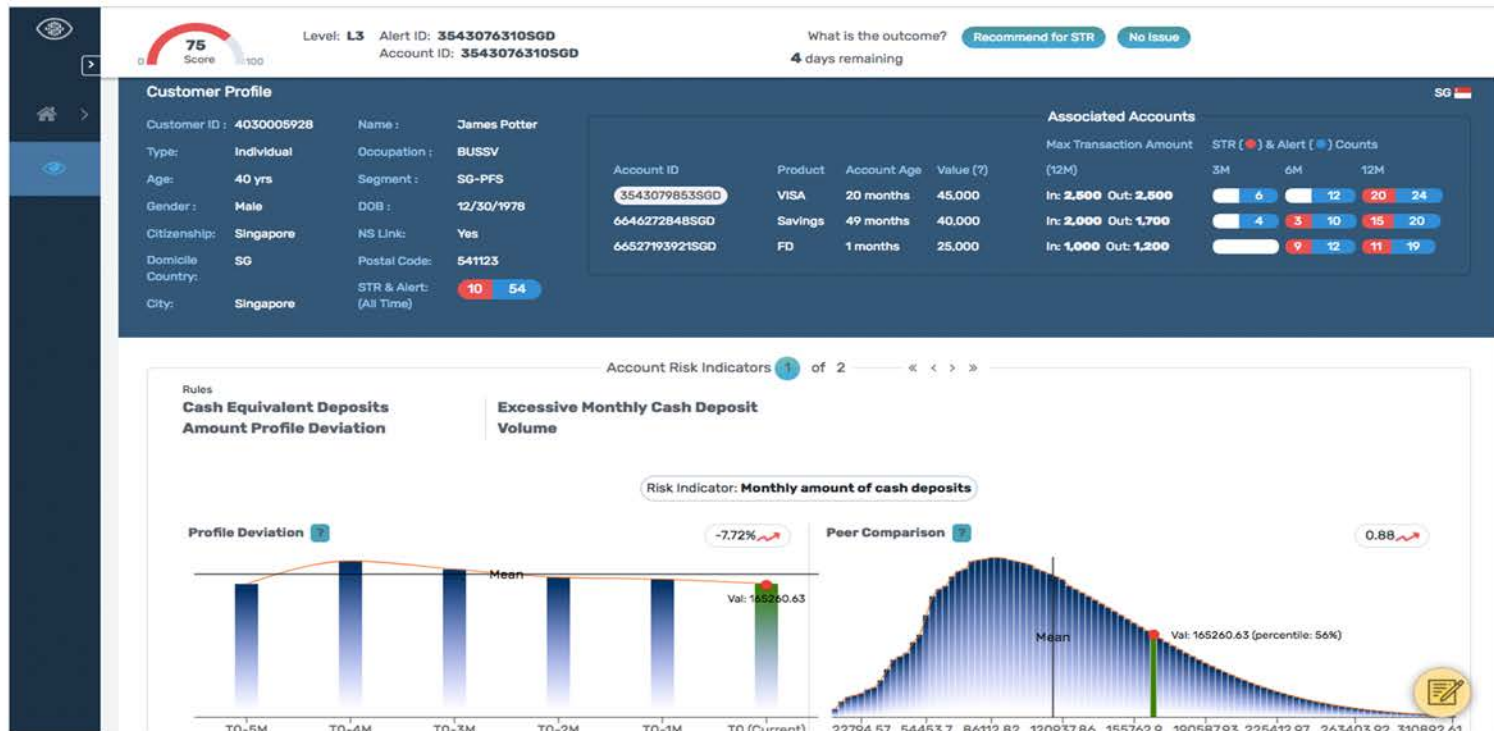


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User Interface & User Experience



Key Functionalities of AMLS – Transaction Monitoring

1. Unsupervised learning-based anomaly detection identifies and classifies new and evolving money laundering patterns (unknowns)
2. AI-driven alert prioritization allows investigators to focus on high-quality alerts
3. AI-driven investigation unit provides a 360-degree view of the customer & the customer's alert history
4. Risk and operational management dashboards provide complete business intelligence & analytics to track & manage the entire transaction monitoring process

Key Functionalities of AMLS – Name Screening

1. AI-powered alert & hit (PEP, adverse and sanctions) prioritization allows investigators to focus on high-quality alerts & hits
2. AI-driven investigation unit disposes hits & alerts faster with greater accuracy. Investigation unit uses text mining and other advanced AI algorithms to infer missing values of primary identifiers such as culture (Chinese, Indian, etc.), age of customer, nationality, country of incorporation
3. Management dashboards provide complete business intelligence & analytics to track & manage the end-to-end name screening process

Support and Professional Services

Tookitaki offers global support and SaaS services to all Anti-Money Laundering Suite customers. For customers requiring additional services, Tookitaki also offers professional services engagements on best practices and getting started on your Anti-Money Laundering Suite deployment, both directly and through an extensive network of authorized partners.

Find Out More

For more information, to request a demo or to purchase Tookitaki solutions, call +65.6251.1905, visit <http://tookitaki.com/> or email sales@tookitaki.com

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