



Tookitaki

Tookitaki AMLS Transaction Monitoring Solution

An award-winning, self-adaptive machine learning solution that detects false negatives and reduces false positives. It reduces the risk of non-compliance and improves efficiency together.

Trusted by global banks, it complements legacy systems to enhance operational efficiency in the alerts management process and detect emerging threats faster and accurately.

Looking beyond the obvious

Today's Transaction Monitoring (TM) solutions present a significant gap in the alerts management process and fail to provide comprehensive AML risk coverage for financial institutions. As money laundering techniques are evolving faster, banks have to cast a wider net to catch perpetrators, potentially triggering large volumes of alerts a month. To reduce alerts, many banks have tightened the parameters or added custom scoring models. Still, the percentage of false positives is high. At the same time, the 'fear of the unknown' prevails as legacy rules systems and custom data science efforts are unable to auto-adapt to changing customer behavior and detect criminal activity.



Business Challenges



Manual investigation process leading to poor efficiency & huge alerts backlog



Inability to detect emerging threats



Late or no filing of Suspicious Activity Report (SAR)



High risk of non-compliance despite the increased cost

Product Challenges



Frequent changes to rules and thresholds



Custom data science efforts to reduce false positives



Non-generalized custom models and degrades faster with data shift over time



Significant time, effort, and cost to upgrade, scale and maintain custom models

About AMLS Transaction Monitoring

Tookitaki Transaction Monitoring solution is a robust money laundering detection and alerts management module within our Anti-Money Laundering Suite (AMLS).

Built on distributed systems, it leverages advanced machine learning techniques like AutoML, federated learning and network science to accurately detect complex money laundering activities and triage legacy system alerts into high, medium and low-risk buckets with a clear, auditable explanation ensuring higher AML risk coverage and faster alerts disposition.

Quantifying business value



40-50% reduction in false alerts with **85-90%** SARs in high risk bucket



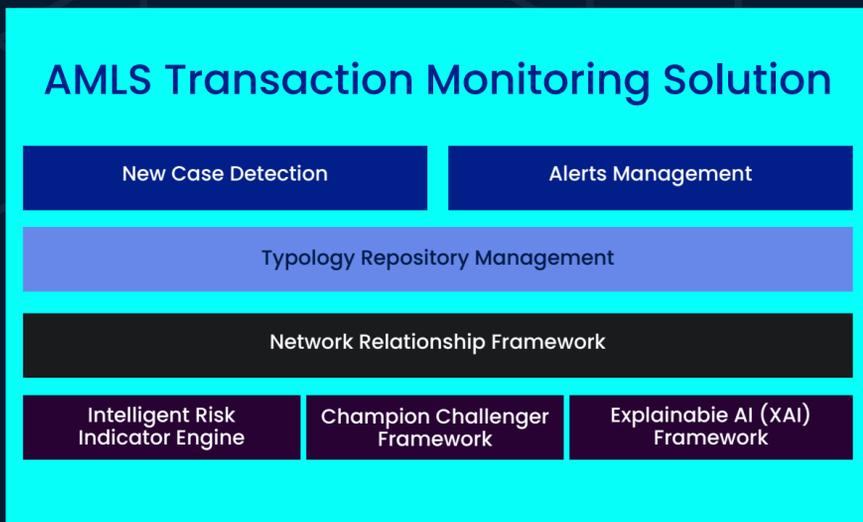
3-5% uplift in overall false negatives or missed true cases



70% faster time to market as against other AI solutions

Trusted by banks and validated by Deloitte.

A leading APAC bank has deployed our TM solution in production and Deloitte validated the model results independently. Our solution has proven to reduce false alerts by 50% and scored 85% SARs in high-priority bucket. Besides, the solution has seen similar performance across banks in Europe and the US.



What sets us apart



Seamless integration & faster time to market



Low model maintenance & auto adapts to underlying data changes



Reduced noise & improved investigation efficiency



Justification for all alerts, helping in audits & periodic reviews



Enhanced risk coverage through typology repository management



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