

MERLYNN

Digital Twins in Financial Crime Alert Management

2022



Summary

Organizations are struggling to manage excessive volumes of suspicious transaction alerts within the constraints of a finite human workforce. *Digital Twins* of Financial Crime Analysts are deployed into banks providing unlimited capacity to more efficiently and effectively manage alert volumes, absorb alert spikes and reduce the risk of non-compliance.

The Challenge

AML regulation requires accountable institutions to monitor and report suspicious transactions within defined time frames.

Monitoring technologies detect potentially illicit behavior and generate large volumes of alerts which, as prescribed by regulation, are reviewed by financial crime analysts.

Each alert takes on average 30 minutes* to review. Despite the deployment of large teams of analysts, finite human resources are often unable to manage increasing alert volumes and volatility (spikes).

This capacity constraint often leads to a breach of regulatory reporting requirements and timelines.

*varies per alert type PEP/Sanctions/TM etc.

Digital Twin Solution

TOM™ Digital Twins digitally replicate the decisions made by AML analysts. The *Digital Twin* responds with the same decision as the analyst, only faster.

Digital Twins are providing organizations with unlimited capacity to process alerts **24/7, 365 days a year.**

The Digital Twins replicate the decisions of the bank's most knowledgeable and experienced Level 3 analysts. The Digital Twins are positioned as a first line of defense, Level 1 analyst to remove uncertainty and identify false positives. This frees up the human analyst to concentrate on true matches.

“ Deploying Merlynn Digital Twin technology in our risk compliance has led to improvement in cost and capacity efficiencies in our operations. ”

- Tier One Banking, Compliance Officer

The Impact

Decision Time:
**30 minutes to
< 3 seconds**

Decision Accuracy
99%

Access our calculator

[Request demo](#)

to determine impact and savings specific to your organization.

