

Financial crimes analytics

Augment your financial crime compliance program with decisions powered by governed AI



Deploy fast, data-backed decisions without replacing existing compliance systems



Ensure that AI is used responsibly



Reduce false positives, find more unknowns and spot financial crime patterns

The Issue

Many anti-money laundering (AML) departments at financial institutions (FIs) use rules-based transaction monitoring systems that create far too many false positives. While detecting real threats of money laundering, terrorist financing or sanctions violations is essential, excessive false positives vastly increase the number of investigators needed. That can divert resources and allow complex threats to go undetected. For example:

- Fake, synthetic identities that are developed from breached data.
- Misrepresentation of business ownership.
- Cryptocurrencies being used to help criminals move illicit funds across borders.

As criminals become more sophisticated, FIs need an innovative, multi-layered approach to fighting financial crime. Next-generation capabilities powered by automation, AI and machine learning (ML) intelligently adapt to changing financial crime patterns. These technologies help to create more effective AML programs that cost less and allow investigators to focus on high-risk alerts, entities and events. When you integrate these technologies with existing compliance systems, you can augment your current AML infrastructure rather than having to replace it.

The Challenge

Reducing false positives and uncovering more unknown threats. **It's estimated** that money laundering activities account for 2% to 5% of the global GDP, equating to trillions of dollars laundered annually. However, only 1% to 5% of these are detected and successfully prosecuted. Every false positive diverts essential resources from investigating and reporting serious threats.

Lowering the cost of compliance. **The projected total cost of financial crime compliance across FIs worldwide** is \$274.1 billion, up from \$213.9 billion in 2020. Approximately 40% was spent on technology and 60% on labor (including outsourcing). Until institutions fully optimize their resource utilization, costs will continue to rise.

Improving operational efficiency. Time-consuming manual AML tasks prevent you from spending time on what matters most. Automating these tasks frees investigators to focus on high-risk threats.

Implementing cutting-edge technology. Legacy systems can't keep up with modern financial crime activities and changing business landscapes. The most effective AML solutions today rely on advanced analytics techniques - AI and ML - to identify unknown risks and hidden relationships.

Our Approach

SAS' compliance analytics solution seamlessly interfaces with your existing AML platform to optimize monitoring, improve efficiency, reduce compliance costs and detect more "true positives" through advanced AI and ML. With SAS®, you'll gain:

- **Earlier detection.** Predictive analytics evaluates hundreds of financial crime features and helps to detect financial crime threats at an early stage. This promotes a proactive approach to fighting and reporting financial crime activities to authorities.
- **Holistic view of financial crime risk.** Financial crime risk dashboards visually identify points of optimization and emerging risks and typologies across large volumes of data.
- **Vastly reduced false positives.** Through dynamic segmentation, you can create smart peer groupings with risk-based thresholds to accurately identify anomalies and significantly reduce false positives.
- **Prioritized alerts and investigations.** ML models effectively learn from past decisions to expedite high-risk case investigations and hibernate low-risk events until they're deemed worthy of investigation.
- **Automated case and regulatory report narration.** Natural language generation translates massive data sets into readable text, which automates the creation of narratives for regulatory report filings and enhances operational efficiency.

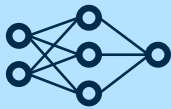
The SAS® Difference

SAS helps FIs fight money laundering and terrorist financing with AI/ML, intelligent automation and advanced network visualization. With SAS, you can gain the advantage over criminals as you:

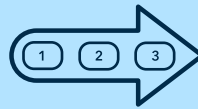
- Reduce false positives, uncover more unknowns and increase your anti-financial crime (AFC) solutions' effectiveness using SAS' industry-leading advanced analytics capabilities coupled with extensive AFC domain expertise.
- Lower the cost of compliance by improving investigators' productivity and optimizing resource utilization.
- Speed time to value without ripping and replacing existing AFC systems.
- Democratize analytics and ensure that data-backed decisions are transparent to regulators while maintaining the integrity of your existing financial crime detection strategies.
- Ensure the responsible use of AI through native data lineage, model governance and explainability features.
- Adapt to business and organizational changes with a nimble, AI-enabled AFC platform.

SAS helps FIs stay ahead of increasingly sophisticated financial crimes with AML technologies that continually adapt to changes.

SAS HAS HELPED CUSTOMERS ACROSS THE WORLD ACHIEVE REMARKABLE RESULTS



3x increase in regulatory report conversion rate - with a SAS neural network model that replaced 10 cash activity scenarios.



50% improvement in alert productivity - with an explainable alert scoring model and hibernation approach that identified worthy investigations.



30% increase in detection of high-risk customers and 1.7 billion transactions processed in less than 10 minutes - with an ensemble AI model.

Learn more about [financial crimes analytics from SAS](#).

