FACT SHEET

Siron®One
AML Transaction Monitoring for Financial Crime Detection

Financial institutions must continuously monitor transactions to detect suspicious activities and detect financial crime. However, the rising complexity of money laundering activities, growing data volumes, and regulatory complexity make effective monitoring increasingly challenging.

Siron®One is the most widely used AI-powered AML transaction monitoring solution, trusted by over 1,500 financial institutions, corporations, payment providers, and insurers of all sizes to improve regulatory compliance. With automated risk detection, hybrid AI-driven analytics, and seamless case management, Siron®One helps institutions identify and respond to risks efficiently while ensuring compliance with global regulations.

Key Challenges in AML Transaction Monitoring

HIGH VOLUME OF TRANSACTIONS & FALSE POSITIVES

Traditional rule-based systems struggle to keep up with massive transaction flows, leading to overwhelming false positive alerts that drain resources and delay real risk detection.

EVOLVING MONEY LAUNDERING TECHNIQUES

Financial criminals constantly adapt their tactics, making it difficult for static monitoring rules to detect sophisticated laundering schemes, including trade-based money laundering and structuring.

REGULATORY PRESSURE AND COMPLIANCE BURDEN

Institutions must comply with stringent and dynamic AML regulations, requiring continuous updates to monitoring models and efficient reporting mechanisms to avoid penalties.

FRAGMENTED DATA AND INEFFICIENT ALERT HANDLING

Siloed data systems, coupled with the high volume of data, make it difficult to define effective rules, leading to delayed investigations and missed risk signals. The sheer volume of data further complicates the process of consolidating transaction intelligence, while manual case reviews slow compliance teams and hinder timely decision-making.

LIMITED SCALABILITY OF LEGACY SYSTEMS

Outdated AML monitoring tools often lack the flexibility and processing power needed to analyze vast transaction datasets in real time, limiting their effectiveness in a fast-changing financial landscape.

LACK OF REGULATORY FRAMEWORK FOR AI IN AML

As AI-powered solutions become more prevalent in AML, institutions face uncertainty around the regulatory guidelines for using AI in compliance. The absence of a clear, unified framework complicates the deployment of AI in transaction monitoring and risk detection, creating potential legal and operational risks.

Siron®One – AI-Powered AML Transaction Monitoring

Siron®One transforms AML compliance with an advanced monitoring system that combines AI, machine learning, and rule-based detection to prioritize high-risk alerts, reduce false positives, and streamline investigations.

INTELLIGENT ALERT DETECTION & PRIORITIZATION

Siron®One's hybrid detection engine leverages AI-powered anomaly detection alongside traditional rule-based analytics. This ensures high-risk alerts are prioritized, while false positives are significantly reduced, improving operational efficiency.

REAL-TIME TRANSACTION ANALYSIS*

The platform continuously monitors transactions across multiple channels, detecting unusual patterns and suspicious behaviours as they happen. Adaptive AI models evolve with emerging risks to prevent financial crime proactively.

DYNAMIC THRESHOLD OPTIMIZATION

Siron®One allows compliance teams to fine-tune monitoring rules and test scenarios in a sandbox environment before implementation. No-code rule customization ensures institutions can quickly adapt to regulatory changes.

ADVANCED CASE MANAGEMENT & 360° CUSTOMER VIEW

With an integrated case management system, compliance teams can consolidate transaction data, review alerts efficiently, and make informed risk-based decisions. A 360° risk profile enables faster investigations and better decision-making.

AUTOMATED REGULATORY REPORTING

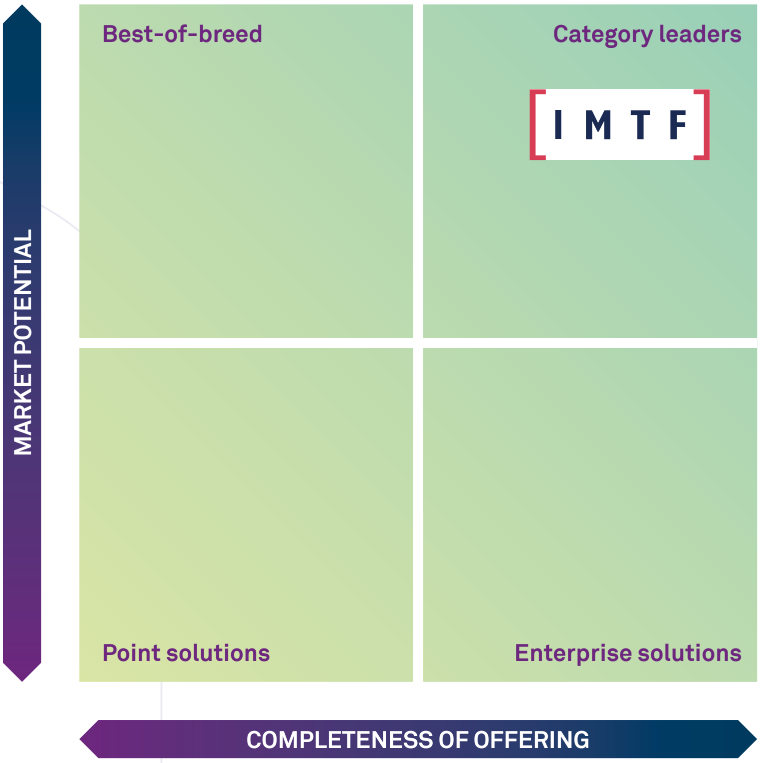
Siron®One automates Suspicious Activity Reports (SARs) and compliance reporting in line with global AML frameworks such as goAML. This reduces manual effort, ensures regulatory adherence, and simplifies audits.

SCALABLE, HIGH-PERFORMANCE ARCHITECTURE

Designed for high-speed, high-volume processing, Siron®One scales effortlessly to meet the needs of institutions of all sizes. Its cloud-ready deployment ensures fast integration with legacy systems while supporting monitoring at scale.

* Explore our dedicated Real-Time AML Factsheet

Recognized as Category Leader in Chartis' AML Transaction Monitoring report



Chartis
RiskTech Quadrant®
Category Leader
AML Transaction
Monitoring Solutions, 2024

Why Choose Siron®One for AML Transaction Monitoring?

ACCURATE DETECTION: Hybrid approach, combining AI and rule-based detection minimizes false positives and prioritizes high-risk alerts.

REAL-TIME ANALYTICS: Continuously analyzes transactions for anomalies, ensuring proactive compliance.

SEAMLESS CASE MANAGEMENT: Provides a 360° view of customer improving investigation efficiency.

AUTOMATED COMPLIANCE REPORTING: Generates regulatory reports effortlessly, keeping institutions audit-ready.

SCALABILITY & FLEXIBILITY: Adapts to institutions of all sizes with a modular, cloud-native architecture.

COST-EFFICIENCY: Reduces operational costs by automating investigations and lowering false positives.

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Optimize your AML transaction monitoring process with Siron®One for a faster, smarter and more precise approach to financial crime compliance.

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