C3.ai

▦ C3 Anti-Money Laundering

Transform Financial Crime Detection with Machine Learning

Money laundering and illegal activity financing strategies are dynamic, fast moving challenges for compliance organizations across the financial crimes sector. The rising risks associated with money laundering, combined with constantly evolving regulatory requirements, have defined the need for intelligent software solutions that can accurately identify, prioritize and report suspicious activity, while simultaneously reducing the number of false positives.

Within large financial institutions, the data necessary to identify money laundering activities are segregated across KYC, core banking, AML monitoring, case management and several other systems. The existing paradigm of rules-based detection systems has resulted in an excessive stream of false positives that require costly and inefficient manual data enrichment and review. This drives compliance expense and lowers analyst productivity— diverting analyst resources while increasing the risk of missed investigations.

Drive Business Value Through Compliance Productivity

C3 Anti-Money Laundering is an AI-enabled, workflow-centric application that uses comprehensive machine learning techniques to reduce false positive alerts by as much as 85%, while increasing true suspicious activity (SAR) identification by as much as 200%.

The application improves investigator productivity with intelligent case recommendations, automated evidence packages and advanced visualizations of key contextual case data, such as alerts, parties, accounts, transactions, counter-parties and risk drivers.

Monitor Transactions with Interpretable Machine Learning

C3 Anti-Money Laundering provides transparent, easy-to-interpret risk drivers for each machine learning money laundering risk score. Unlike rigid rules-based systems, C3 Anti-Money Laundering models are easily configurable and flexible, enabling intelligent adjustment to changing regulations and money laundering strategies. The application uses sophisticated machine learning techniques, including self learning based on investigator output, to identify known and new typologies. Further, enhanced auditability features allow investigators and regulators to follow the lineage of suspicious behavior from source to SAR.

Incorporate Internal and External Data

In addition to integrating traditional core banking and transaction monitoring data, C3 Anti-Money Laundering delivers a universal view of the customer by integrating data from internal KYC systems and external sources like adverse media search results, sanctions and PEP list. The application also supports automated closed-loop feedback to improve predictions and augment existing KYC and monitoring workflows.

↓**85**%
reduction
in false positive alerts
for suspicious activity

↑**200**%
increase
in correctly identified
suspicious cases

AI-enabled Algorithms Identify Suspicious Activity with Greater Precision

Efficient and Effective Financial Crime Identification

C3 Anti-Money Laundering increases the efficiency and effectiveness of financial crime identification teams by providing intelligent and autonomous suspicious activity triage, issue resolution workflow and automated evidence packages for regulatory reporting. Specific functionality includes the ability to:

- Prioritize investigations using field-tested machine learning algorithms optimized for risk-based prioritization of suspicious activity
- Review typology-driven risk factors for each entity
- Access correlated internal and external data from numerous source systems in one interface
- Extend and modify more than 5,000 out-of-the-box transaction risk analytics
- Create evidence packages for transparency and enhanced auditability
- Configure sophisticated UI – visualize money movement among entities and track suspicious counter-parties

- View granular client details across multiple source feeds in a single view to aid investigation
- Identify all known associated parties from internal and transactional relationships
- Perform ad-hoc analyses on each entity and export findings
- Augment investigations with recommendations from contextual information, such as typology, counter-parties, beneficial ownership, etc.
- Integrate watchlist and adverse media data
- Escalate and route cases to the correct team(s) using case management software
- Create and submit Suspicious Activity Reports (SARs)

Using C3 Anti-Money Laundering, financial crime investigators can identify, prioritize and triage suspicious activity, with interpretable machine learning outputs guiding their decisions.

External Data
Relevant watch list and regulatory report data surfaced for the client

Analysis Tabs
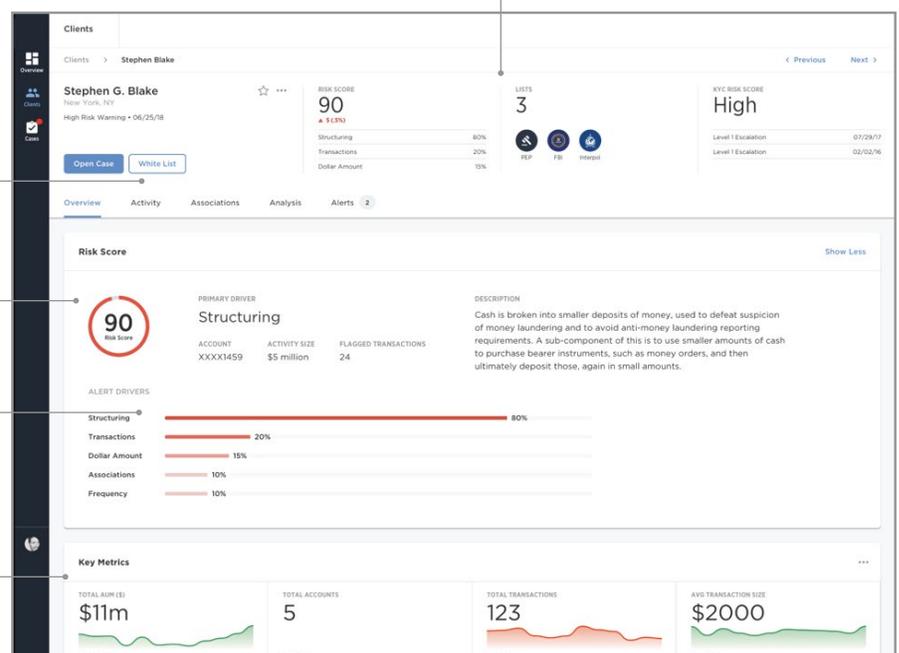Screens to deeply explore activity, associations, and time series data

Risk Score
Driven by comprehensive machine learning algorithms

Key Risk Drivers
Risk score is broken down into interpretable risk drivers

Key Metrics
Summary of key metrics for the client over time

Benefits of C3 Anti-Money Laundering:

- Improved Alert Quality: Reduce false positive alerts and focus on highest risk cases

- Increased Team Productivity: Integrated case investigation workflows, rich contextual visualizations, and case recommendations lead to greater investigation efficiency

- Accurate Risk Scoring: Increase suspicious activity algorithm precision through continuous feedback from investigations

- Interpretable Machine Learning: Empower investigators by explaining key risk drivers and creating an audit trail for reporting needs

- Unified Data Image: Correlate data from internal and external data sources including transaction data, KYC system client information, adverse media, sanctions, PEP lists, and case management systems

- Flexible Data Integration: Easily integrate C3 AML within your enterprise using RESTful APIs

- Intelligent Client Segmentation: AI-driven behavior-based segmentation enables deeper understanding of clients

- Extensible and Configurable: Detect emerging money laundering typologies and configure new analytics by scenario

- Near-Real Time Updates: Holistic client risk scores are updated with every transaction or account activity

- Robust Case Management: Advanced tools enable escalation, collaboration, case auditing and automated evidence package creation and SAR filing

C3 Anti-Money Laundering provides sophisticated analysis tools and visualizations to track movement of funds through complicated networks of accounts, so more cases can be resolved faster.

High Risk Associations
Interactive, traversable visualization of client associations at multiple degrees of separation
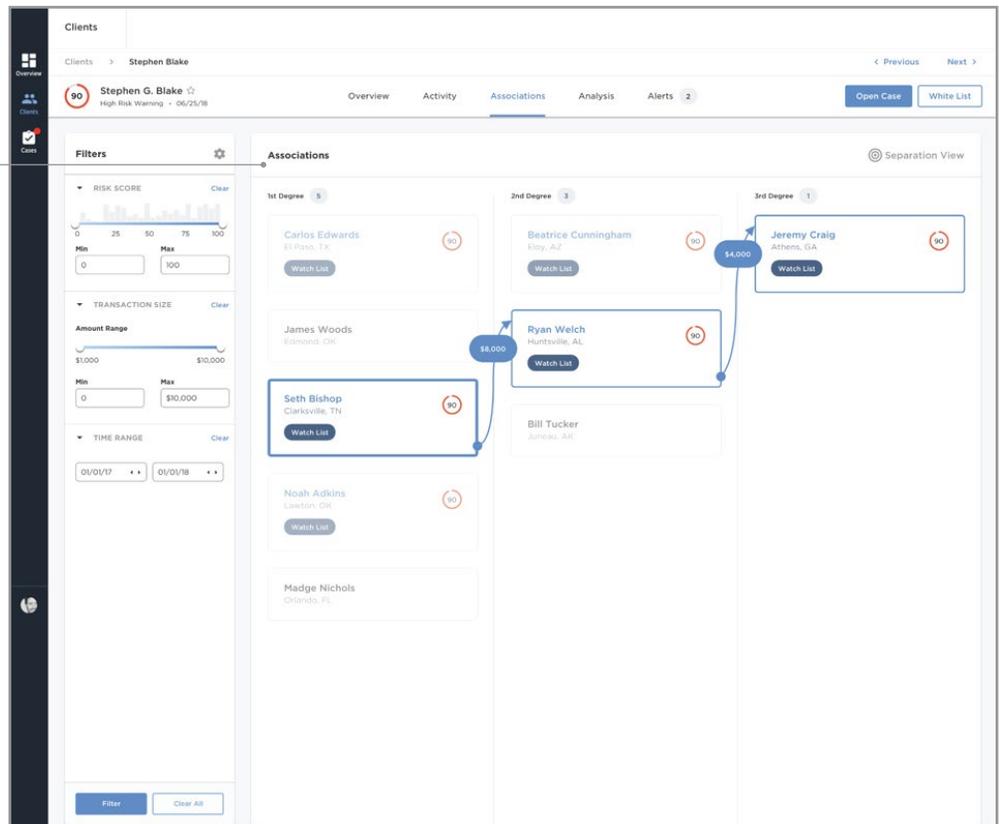
# C3 Anti-Money Laundering Mitigates Risk More Cost-Effectively

C3 Anti-Money Laundering Delivers Value By:

- **Reducing False Positive alerts** by as much as 85%

- **Increasing timely suspicious activity identification** by as much as 200%

- **Dramatically lowering the cost** of AML compliance

- **Deploying and Scaling Quickly:** Implement a production-ready, scalable solution, on-premise or in the cloud, in 8-12 weeks

- **Improving AML Team Productivity:** Codify existing best practices and expert knowledge to drive investigation consistency

- **Supporting Consistent Reporting and Analysis:** Investigators analyze all relevant data in one application and escalate cases directly from the application

- **Augmenting Existing Business Processes:** Workflow-enabled application and closed-loop feedback drive audit trail development and application improvements

- **Empowering Operational Improvements:** Insight-driven dashboards highlight risk scoring details and key performance indicators for the investigation process

- **Enabling Market Leading AML Practices:** Best-in-class AML processes position bank as global leader in fighting financial crime

C3 Anti-Money Laundering increases the efficiency and effectiveness of financial crime identification teams by providing account details, ad-hoc analysis capabilities, and issue resolution workflow.

Case Management Integration
Workflow steps that integrate directly with existing case management systems

Ad-hoc Analysis
Analysis tools to analyze multiple time series with a comprehensive set of filters
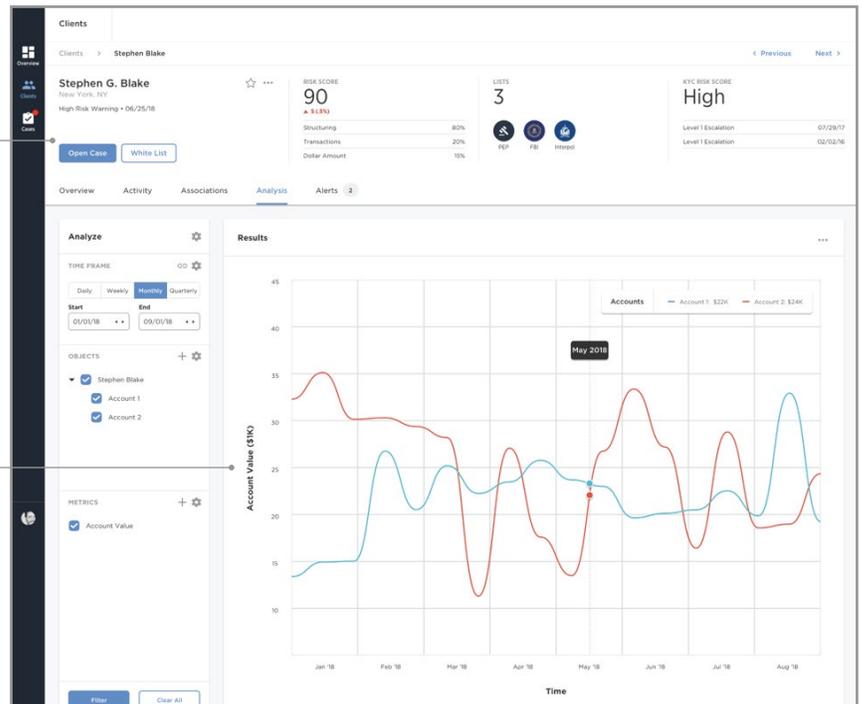
Proven Results in Weeks, Not Years

Complete a low-cost, low-risk production trial of C3 Anti-Money Laundering™ in just 8–12 weeks. Validate the economic value and other benefits to your organization before expanding into full production use. For more details, visit www.C3.ai.