

# Anti Money Laundering



Smarter Detection For Suspicious Activity through advanced analytics

Money laundering and financial crimes have increased with the rise of digital banking. Financial institutions now face higher risks due to evolving regulations, fragmented data, and advanced criminal techniques. Our AI-powered AML solution enables proactive detection, improved compliance, and operational efficiency through a unified analytics-driven platform.

## Challenges



Evolving regulatory landscape



High false positives and manual processes



Escalating financial crime threats



Fragmented systems and data sources



Cloud & Technology Modernization

## Our Solution Offering

01



### Transaction Monitoring

- Detects suspicious transaction patterns and behaviors
- Uses rule-based + AI/ML-driven scenarios
- Identifies unusual fund movements and structuring activities

02



### Watchlist Monitoring

- Screens customers against global sanctions & watchlists
- Identifies matches with PEPs and high-risk entities
- Enables real-time alerts for compliance checks

03



### Event-Based KYC

- Triggers KYC reviews based on risk events
- Updates customer risk profiles dynamically
- Ensures continuous due diligence

04



### Segmentation/ Clustering

- Groups customers based on behavior and risk patterns
- Identifies high-risk segments using analytics
- Enables targeted monitoring strategies

### AI/ML/Model Based

- Uses machine learning for advanced risk detection
- Identifies hidden patterns and complex laundering networks
- Continuously improves detection accuracy

05



### Network Analytics & Monitoring

- Detects relationships between entities and accounts
- Identifies collusion and hidden transaction networks
- Visualizes flow of funds across connected parties

06



### AML Regulatory Reporting

- Ensure accurate, compliant report generation (STR, CTR, etc.)
- Automate submissions in line with regulatory standards

07



### Anomaly Detection

- Identifies deviations from normal transaction behavior
- Generates dynamic risk scores
- Helps prioritize high-risk alerts for investigation

08



## Nupeak Anti Money Laundering has helped customers:



Reduce false positives by up to 80%

3-5x

Improve SAR conversion rates by 3-5x



Gain a holistic view of the customer

25%

Increase efficiency by 25% through automation

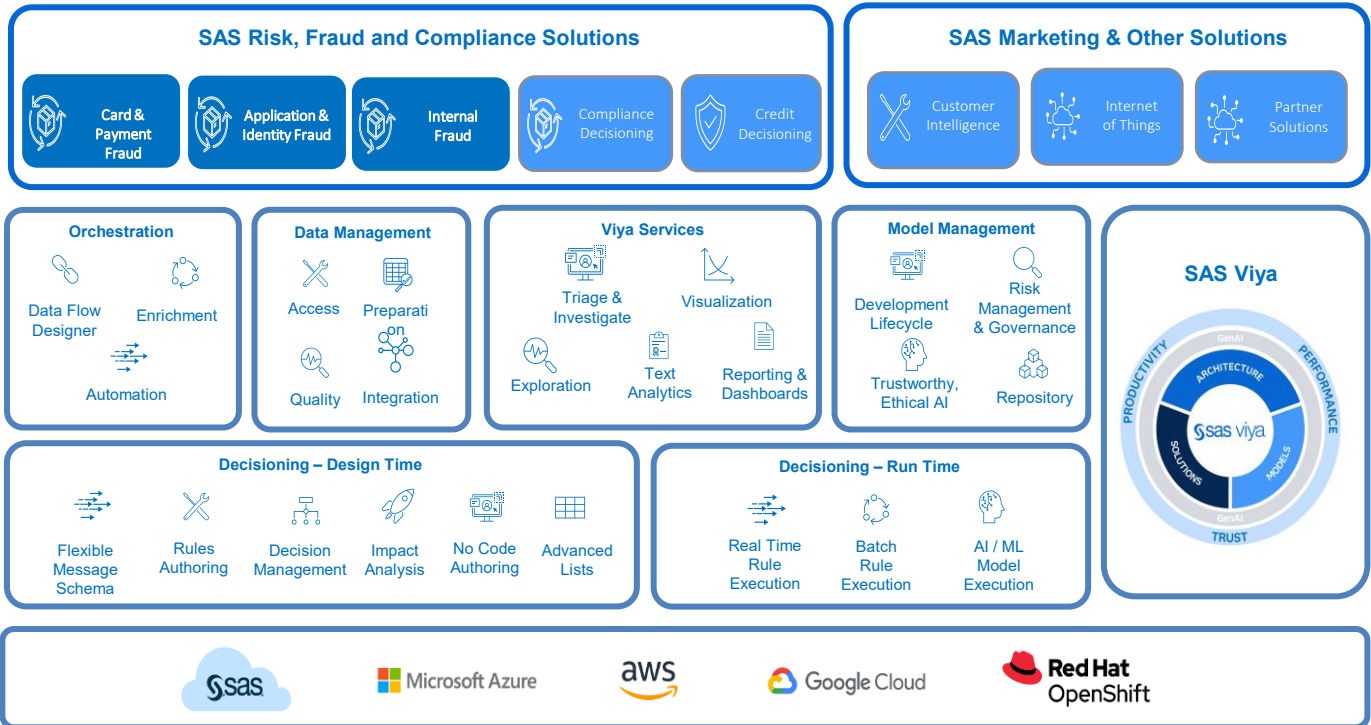


Lower the cost of compliance



Rapidly uncover hidden threats

# SAS Fraud and Financial Crimes Management Solution



## AI Implementation across Financial Services

### FRAML Approach

- Unify data from internal systems and external sources for a complete risk view
- Track **borrower behavior** across transactions and repayments to detect early stress
- Use **predictive models** to detect defaults, fraud, and anomalies early
- Enterprise fraud detection with AI
- Industry-aligned fraud scenarios & rule sets
- Pre-trained ML** models for fraud detection
- Event-based processing** for transactions & onboarding
- Built-in reason codes** for every decision
- Enable instant approvals across onboarding, SME & unsecured lending
- Configure eligibility, affordability & pricing rules without IT dependency
- Leverage unified data** (bureau, transactions, behavioral) for better risk insights



### EWS - Early Warning System

### Credit Lending Decisioning

- AI-driven **insights**, not just static reports
- AI-driven **risk trend analysis** & forecasting
- Faster decision-making for business & risk teams
- Automated, accurate, and real-time reporting

- Entity Resolution:** Identify and link duplicate/similar entities for a unified view
- Customer Segmentation:** Group customers by behavior, risk, and value
- Alert Prioritization:** Focus on highest-risk alerts

### Data Analytics and AI

### FCA - Financial Crime Analytics



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