HAWK:AI

TRANSACTION FRAUD

Monitor transaction behavior to detect fraudulent patterns across all channels and payment methods, including chargebacks, card-not-present fraud, scams, and account testing schemes.

THE CHALLENGES

Detecting and preventing fraud in real time is a key way to protect your business. Our approach focuses on transaction data that can, if available, be augmented by non-monetary data such as IP address, device ID and more.

This method provides accurate fraud detection in environments where limited data is available while simultaneously reducing false positive alerts.

KEY BENEFITS

- Artificial Intelligence
- Detection of unusual transaction patterns
- False positive reduction
- Real-time processing of transactions
- Reduce investigations with automated decisioning

FIGHT FRAUD AND IMPROVE AML COMPLIANCE WITH A HOLISTIC VIEW

By combining Fraud and AML (FRAML) efforts, Fraud professionals and AML compliance officers can combat crime with a consolidated system.

Minimal migration and integration effort (<4 months) due to the most modern tech stack, offering unlimited scalability in any cloud environment.

Better Fraud and AML detection due to a holistic customer view from Customer Screening, Customer Risk Rating, AML Transaction Monitoring, Fraud Detection, and Payment Screening.

Reduced investigations with automatic AI decisioning utilizing a smart and self-learning system to decrease manual reviews. Our intelligent AI models learn from customer context and past operator decisions.

SPEED UP INVESTIGATION WITHOUT TRADITIONAL SILOS

Transparent data in natural language, augmented by graphical explanations of AI models and risk indicators, helps fraud and AML analysts investigate cases faster.
Information presented in a single interface, rather than traditional data silos, reduces time spent per case, reduces regulatory risk and increases employee satisfaction.

REDUCE CUSTOMER FRICTION THROUGH AI-BASED FALSE-POSITIVE REDUCTION

Blocking legitimate transactions is a key friction point in the customer journey. Hawk AI uses traditional rules augmented with AI to reduce false positives, leading to fewer upset customers. Our AI models are constantly retrained with operator feedback and cross-institutional learnings, understanding normal customer behavior and effectively identifying falsely alerted cases.
In the instances where transactions are blocked, real-time response ensures customers and analysts are fully informed.

AI TO FIGHT KNOWN FINCRIME PATTERNS –

the most effective way to search for known fraud & money laundering patterns

AI powers rule-independent detection of known fraud typologies to deliver well-explained, comprehensive fraud alerts, immediately stopping any type of suspicious transaction.
Our Pattern Library contains a wide variety of pre-trained, off-the-shelf AI models for complex fraud typologies. We make new patterns available to all customers immediately, without additional costs.

AI TO DETECT UNKNOWN FINCRIME –

behavioral analytics detect deviations from expected behavior

Behavioral analytics flag deviations from expected behavior. Our models learn customer transaction patterns, allowing for detection of fraud without the need for fixed thresholds.

- Catch deviations from normal customer behavior in the context of similar customers in their peer group.
- Detect and prevent new, emerging fraud patterns to stop payments in real time.
- A key safety net that considers deviations on all data points, finding unknown events pointing to suspected fraud.