

# Stop APP Fraud Before It Strikes

## Protect Customers & Profits

# 89%

**demonstrable accuracy for APP fraud detection.**

**Alertspeed: The Most Accurate APP Fraud Detection Solution. ML-Powered, Real-Time Fraud Detection Engineered for the Modern Payments Landscape.**

### Impact and costs of APP fraud are skyrocketing

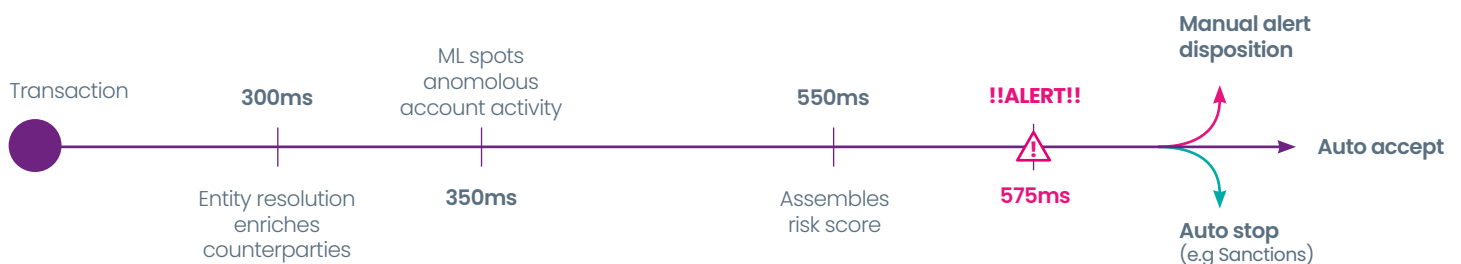
The rapid increase of new APP frauds complicated by real-time payments and new legislation demanding victim reimbursement are putting your institution under unprecedented financial pressure and impacting customers greatly.

### A solution from an unexpected quarter

Leveraging its founders' unique background identifying threats for national security and law enforcement, Alertspeed revolutionises APP fraud prevention. This award-winning fincrime platform accurately predicts nearly nine out of ten app fraud attempts, validated through tests using FCA regulator approved data.

### Imagine a world...

Where you ensure safe transactions for people of all ages, backgrounds, and abilities. Where your financial institution is building a reputation for empathy, understanding and safety resulting in happier customers and less attrition. Where your APP fraud losses reduce by nearly 90%.



### WHY ALERTSPEED?

- **Unrivalled Accuracy:** Class-leading 89% APP fraud prediction tested on FCA regulator approved APP fraud data set
- **True Real-time Performance:** Fraud detection in well under a second
- **Self-learning Detection:** Continuously identifies new and emergent fraud typologies
- **Comprehensive Protection:** Offers both fraud detection and watchlist screening
- **Substantially Fewer False Positives:** Award-winning risk scoring minimises false alerts by 90%
- **Trusted Expertise:** Developed by experts with backgrounds in national security / law enforcement, transaction monitoring and payments fraud
- **Transformative Approach:** Blends explainable behavioural ML at the account and transaction level with entity resolution in a novel way
- **Flexible Deployment:** Integrates more easily with your existing systems
- **Rapid Proof of Value:** Demonstrate capability in weeks not months

# Product Technical Specification



## Rails & Types

- **Payments:** SWIFT, ACH, RTP
- **UK** – Faster payments
- **Sweden** – Swish
- **Netherlands** – iDEAL
- **Cards:** pre-paid cards, credit cards, Visa Direct, Mastercard Send
- **Institutions:** Banks, MSBs, P-2-P (Zelle, Venmo)
- **Partners:** Payment infrastructure providers



## Performance

- **Real-time screening:** 95% accuracy for watchlist matching within 2 seconds or 88% matching accuracy within 350ms
- **Volume throughput:** highly scalable to Tier 1 transaction volumes
- **Fraud detection accuracy:** 89% predictive accuracy\*\* for APP fraud proven on FCA regulator approved data
- **Matching accuracy:** 95% on Tier 1 FI provided 10k records vendor test data set with very poor data quality



## Data

- **Out of the box external data:** Dow Jones; Sayari, ICIJ, Open Sanctions, Open Corporates
- **Data mappings:** Common Data Model enables easy mapping of new external and FI's own internal data sets. ISO20022 ready
- **Data parser:** proprietary SWIFT parser



## Interface

- **User interface:** Web-based dashboard accessible through modern web browsers (Chrome, Firefox, Safari, Edge), optimised for desktop
- **API documentation:** Comprehensive documentation provided for API endpoints, including request/response formats, authentication methods, and usage examples



## Deployment

- **Cloud:** AWS, Oracle, Azure, Google
- **Options:** on prem, hybrid, managed service, SaaS
- **Modular:** ships with or without user interface; with or without fraud or watchlist screening modules

## Platform Use Cases

Fraud Detection & Interdiction  
Watchlist Screening  
Sanctions Evasion  
Counter-Party Identification  
Transaction Monitoring  
Look Back Audit Automation

## Features

Explainable & Auditable  
Global Names & Addresses  
Foreign Script Matching  
Relationship Detection  
Gender, Culture, Nicknames  
Misspellings  
Empty Values  
Rapid Alert Disposition  
Simple Network Chart  
Entity Centric & Learning  
Award-Winning Risk Scoring  
Simplified Risk Understanding  
Supports Baselines & Testing  
Complex UBO Identification  
Use Case/ Industry Settings  
Entity, Trx. or Account Risk  
Dow Jones Classifiers

## Standards

**Regulatory:** Fully compliant with: FATF recommendations, EU 5AMLD, FINRA regulations, and Sarbanes-Oxley Act

**Encryption:** Supports AES-256 for data encryption at rest and TLS 1.3 for data in transit

**API Integration:** RESTful API for banking systems, case management. (CRM) systems, and 3rd-Party analytics services

**Privacy:** GDPR, CCPA

**Data:** ISO20022 ready

**Testing Protocols:** Unit, Integration, Performance and Penetration tested

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