



Leader in IDC Marketscape:  
Worldwide Artificial Intelligence  
IT services, 2021



Leader in the Forrester  
New Wave™: Computer Vision  
Consultancies, Q4 2020



Recognized as  
a AIFintech100  
company



Rated as a NEAT Innovator  
2021 for Intelligent  
Automation in Banking

# Payments Transformation

Transform & modernize your payments ecosystem with Quantiphi's advanced onboarding, servicing & anomaly detection solutions. From AI driven KYC/AML solutions to real time point of sale fraud analytics, Quantiphi is your partner in enabling your payments universe with best-in-class AI-driven solutions.

## Key Transformational Drivers

**80%**

Expected Increase of global cashless payment volumes from 2020 to 2025

**68%**

Payments executives believe they may lose prospective clients if technology transformation is not prioritized

**\$6.6Tn**

Expected value of global digital payments industry in 2021

**\$26Bn**

Fines imposed on financial firms for AML and KYC non-compliance since 2010

**\$60Mn**

Total expense of financial firms to comply with AML, KYC and CDD

## Pain Points in Focus in the Payments Industry

### Onboarding

Customers who are onboarded to payments platforms are involved in multiple lines of business with varying levels of risk, creating a paradox. Screening drives the risk rating, however, the risk rating determines the level of screening required. Dynamic onboarding solutions are the need of the hour.

### Monitoring

Traditional monitoring measures are proving inadequate due to growing business complexities. As a result, companies are vulnerable to heavy losses, bad publicity, and, in some instances, bankruptcy. Real-time and accurate monitoring systems are crucial to mitigate risk.

### Payment Fraud

Payment frauds such as identity theft, CNP fraud and friendly fraud have affected customers causing millions of dollars worth of loss. Real-time and predictive fraud detection capabilities are essential to safeguard transactions & customers.

### Threats

Major threats posing high risks for payments platforms include social engineering, malware, ATO, denial of service, botnets, etc. Consistent & constant threat detection and management are absolutely critical for financial services organizations.

## How can we help

### Client Onboarding and Risk Scoring

Conduct historic screening of a new client across millions of data items to feed into their risk score

### Real-time Monitoring

Screen millions of clients across billions of data items in real-time to identify sanctions, politically exposed accounts, and adverse media

### Threat Investigations

Connect the dots via an all-source investigations tool for exploring screening results

### AI-driven Anti Money Laundering

Verify applicant identity, maintain verification records, and flag in real-time when a person appears on any suspected criminal list

### Anomaly Detection

Deploy self-learning ML models trained to recognize well-known fraud patterns as well as adapt to new, unknown fraud techniques

## Quantiphi's Success Story in Enabling Real-time Fraud Analytics for Payments Provider

### Fraud Detection Platform

Client is a leading digital payments as a service provider offering businesses a faster, easier, and more reliable way to move money. Quantiphi helped them set up fraud detection platform for transactions at Point of Sale

#### Challenges:

- Need of real-time Fraud Detection at Point of Sale
- Modeling outcome explainability of true positives
- Minimizing customer dissatisfaction (false positives) and undetected threats (false negatives)

### Business Impact

- Built a platform for real-time fraud flagging and benchmarking
- The platform had API Endpoints for fetching risk scores and explainability for flagged transactions
- Rule engine and API Endpoints were Integrated with the current pipeline
- The solution is further being enhanced with multi-tenancy for rule suites, UI-based case management, case analytics and dashboarding