

# SymphonyAI NetReveal payments fraud

**Identify and block payment fraud faster and smarter using the latest behavioural profiling, anomaly detection, and machine learning techniques**

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## The challenge

Keep payment fraud in check and customers happy as settlement times shrink and new ways to pay are adopted.

"Removing friction from customer journey" was listed at #2 of top 10 global trends for retail banking in 2019

### The Financial Brand

The volume, speed, and sophistication of attacks across multiple channels are growing and payment infrastructures are exposed to greater threats. The combination of cyber, banking malware, socially engineered, and organised crime fraud is being used to attack retail and corporate accounts alike.

Open banking initiatives are driving payment disintermediation in a world subject to increasing regulation. Meeting fraud threshold targets is critical for banks that want unfettered access to new opportunities whilst keeping their services closed to criminals.

SymphonyAI NetReveal named compliance frameworks a "RiskTech Quadrant Category Leader" for enterprise fraud technology solutions, in the Financial Crime Risk Management Systems: Enterprise Fraud, Market Update 2018

## Our approach

SymphonyAI NetReveal payments fraud deploys a proven combination of predictive analytics and machine learning techniques to uncover suspicious behaviour. Drawing data from the retail and corporate payments ecosystems, it assesses both monetary and non-monetary information for each transaction.

### SymphonyAI NetReveal provides:

#### 01.

##### Smarter alert generation:

Constant monitoring of predefined thresholds and rapid adjustment of pre-set rules and predictive models

#### 02.

##### Streamlined fraud operations:

Reduced investigation time and expense by automating transaction interdiction, incident assignment, event visualisation, and reporting

#### 03.

##### User behaviour monitoring across all channels:

Connect suspicious activities and follow account holders as they navigate and execute payments across traditional and digital services

#### 04.

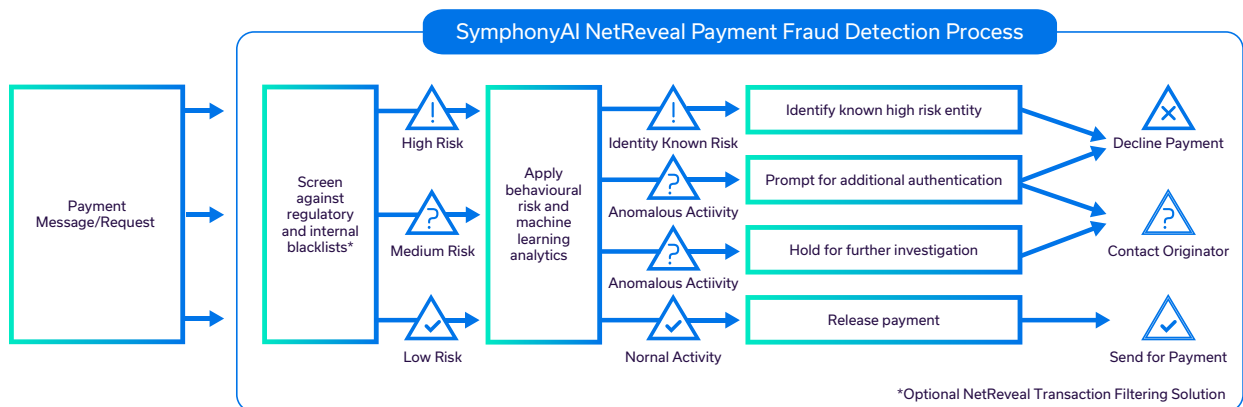
##### Open banking / PSD2 ready:

Constant monitoring of pre-defined thresholds and instant adjustment of detection models. Includes configurable Transaction Risk Analysis (TRA) rulesets that power risk-based decisions for Strong Customer Authentication (SCA)

#### 05.

##### Granular governance:

With full model audit and explainability the SymphonyAI NetReveal advanced analytics platform empowers citizen data scientists to create, enhance, and monitor detection models in alignment with compliance frameworks



## Additional capabilities

<b>Scenario self-service</b>	Improves agility and reduces cost by enabling in-house teams to configure or tune detection models without vendor involvement. Our Managed Analytics Service can be called upon to augment in-house teams or provide expert guidance on combatting the latest evolving financial crime scenarios. This ensures the ultimate choice for covering temporary shortfalls in analyst capacity.
<b>Enterprise-wide deployment supporting multiple lines of business</b>	SymphonyAI NetReveal is able to be deployed across a complex international group-wide segregated organisational hierarchy. Field-level security enables institutions to comply with local data privacy regulations.
<b>Integrated case management</b>	A consolidated platform for standardising processes and investigator experience across all channels. Flexibly and efficiently organises inputs (including aggregated third-party data), prioritises alerts, and helps manage investigations.
<b>Flexible deployment choice</b>	SymphonyAI NetReveal is available as an on-premise deployment or a cloud-based solution.
<b>Modern decoupled architecture</b>	Better results with lower costs with a system that is easier to maintain and upgrade. SymphonyAI NetReveal is a technologically advanced platform, incorporating appropriate use of open source technologies.
<b>Continuous data streaming</b>	Reduced infrastructure for the same level of throughput while ensuring faster detection despite rising transaction volumes and shorter settlement times.
<b>Entity-based investigations</b>	Improves investigator efficiency and detects more fraud by linking atomised behavioural patterns rather than focusing on individual symptoms. As a result, a more reliable and complete profile of suspicious actors is continuously updated.
<b>A single platform for money laundering compliance and fraud prevention</b>	Financial institutions benefit from lower total cost of ownership across their compliance and fraud teams with a single solution.

## About SymphonyAI NetReveal

SymphonyAI NetReveal, part of the SymphonyAI finance vertical, is a global leader in regulatory compliance, fraud and financial crime detection, investigation, and reporting. The 750 SymphonyAI NetReveal digital, AI, and data experts work collaboratively with financial institutions across the globe to detect and prevent financial crime and optimize risk management operations.

**Request a demo or contact us for more information:**  
**[netreveal.ai/request-demo](https://netreveal.ai/request-demo)**