

# Screen, detect, and investigate in real-time

Accurate alerts | Real-time processing | Global vigilance

## The challenge

Ever-increasing alert volumes combined with a heightened, dynamic sanctions landscape is putting more pressure than ever on financial institutions. Compliance teams need to ensure that critical alerts are flagged and addressed while operating in a complex environment – 25,000 entities are added to the Refinitiv list every month and new sanctions lists are released by various government agencies daily.

Effective and efficient screening solutions must blend extensive, flexible list integration, with tools that intelligently streamline alerts to reduce false positives, detect true positives, and control cost and resources.

SymphonyAI NetReveal named a **category leader** in Chartis RiskTech® Quadrant for **name and transaction screening solutions, 2022<sup>1</sup>**

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## Our solution

### Reduce false positives while surfacing genuine risk

Context-aware algorithmic extensions improve match sensitivity and examine names intelligently. False positives are reduced through SymphonyAI NetReveal's intelligent event triage (IET) capability, which looks beyond pure name matches to provide an additional layer of detection that sorts and prioritises matches and alerts.

Synonyms and Weighted Words further reduce false positives and increase detection accuracy. Associated lists of words (nicknames, similar terms, financial terms) detect more variance and focus on what is important (weights).

### Respond to regulatory changes in real-time

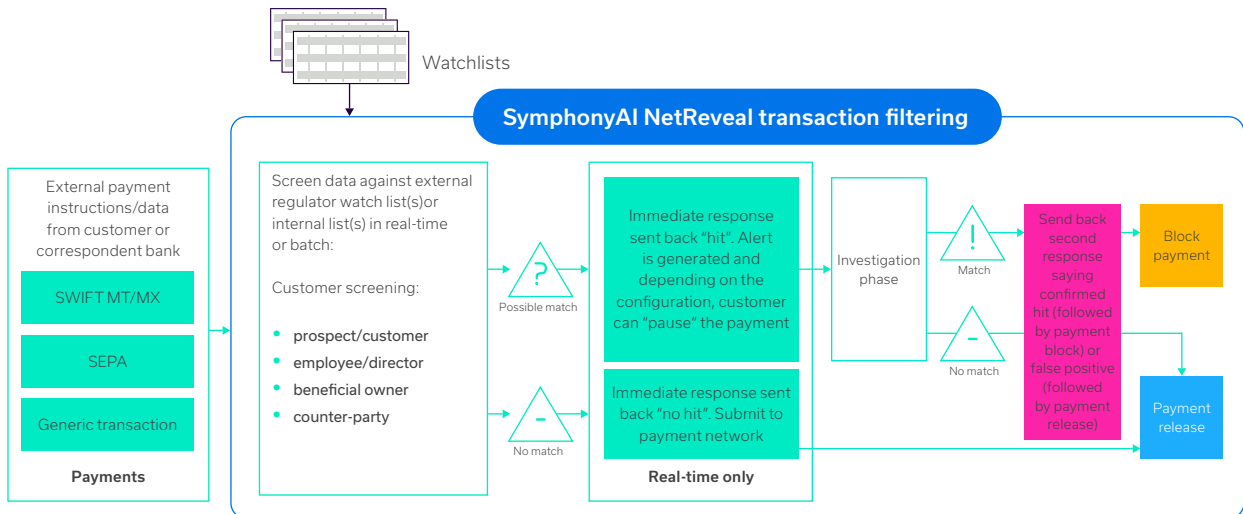
SymphonyAI NetReveal integrates new watch lists in as little as 15 minutes and can be configured to suit any requirement – in real-time. Flexibility in both configuration and deployment to minimise investigator time and achieve better, faster, more confident decision making.

### Optimise detection and investigation balance

New architecture allows you to keep track of different models and deploy them easily to your processing infrastructure running 24x7. Predictable results support more efficient investigations.

Realise at least a **70% reduction in false positives** using our match exclusion technology and IET framework<sup>2</sup>

## How it works



## Step-by-step

01. External payment data is captured into the system for screening against external regulator watch lists or internal lists.
02. Transactions are then classified as "match found," "possible match," or "no match."
03. If there is a match, the transaction message will be sent back immediately to the source payment system stating a "match found" and the alert itself is sent to the investigation framework where it will be investigated.
04. Once reviewed, a secondary response is sent back, indicating either a "confirmed hit," and request to block the payment, or "false positive" so the payment can be released.
05. In case there is "no match," SymphonyAI NetReveal immediately sends back a "no match" to the payment network so the message can be released right away.

Screen transactions to entities found on watchlists with the **fewest amount of false positive alerts**

SymphonyAI NetReveal recognised as a **strong performer** in The Forrester Wave™: **Anti-money laundering**, Q3 2022 report<sup>3</sup>



### Reduce false positives despite increasing transaction volumes

Prioritise alerts and hibernate low value alerts for quicker alert disposition

### Scalable global regulatory compliance

SWIFT 2022-certified application includes protocols for any message type, including SWIFT MT and MX, ACH, and FedWire – with fast responses and virtually unlimited scalability. Full support for ISO-20022.

### Realise a minimum 70% reduction in false positives

Our Match Exclusion algorithms achieve an initial reduction in false positives of at least 50%. Combined with post processing, we can further reduce false positive alerts by at least 70% as compared to the initial volume.

### Automated alert prioritisation

Speed investigator decision making and disposition using intelligent event triage, which automatically hibernates or escalates alerts. Escalated alerts are enriched and their priority is determined to make the most of an investigation team. Advanced post processing looks beyond the name match and into the context, history, and risk of the transaction.

### Flexibility to enhance scenarios

Achieve higher accuracy and better false positive performance using our build-your-own algorithm feature. Users can use our standard algorithms as a basis to create their own, matching their data and their specific use cases.

## Features and capabilities

Benefit	Functionality
<p><b>Worldwide watchlist management compliance</b></p>	<p><b>SWIFT 2022 certified app:</b> allows financial institutions to stay ahead of regulation with SWIFT 2022 Standards update and certification.</p> <p><b>Real-time and batch processing ready:</b> supports 350+ global watch lists and performs advanced screening against millions of watchlist entries. Send payments to our system through JMS, SOAP, REST, HTTP, or Kafka and get the responses quickly. Our solution works rapidly enough to handle instant transfer or payment protocols. Deliver batch files or link your payments database for fast batch processing.</p> <p><b>Intuitive user experience:</b> facilitates interdiction workflow, follow up reporting, and regulatory disclosure for more efficient and effective investigations.</p> <p><b>Automated updates:</b> lists are automatically imported and updated daily or even multiple times per day to ensure institutions are screening against the most up-to-date lists to reduce exposure across their organization.</p> <p><b>Data privacy simplified:</b> SymphonyAI NetReveal can be deployed across organisational international group-wide segregated hierarchy. Field-level security through the SymphonyAI NetReveal data privacy agent enables institutions to comply with local data privacy regulations.</p>
<p><b>Maximise investigation, minimise time spent on false positives</b></p>	<p><b>Advanced detection technology:</b> applies specific detection logic for transaction types, geographies, and counterparties to detect different forms of data within financial transactions, such as names, addresses, dates, numeric details, or free text information.</p> <p><b>Concatenated fuzzy name matching:</b> algorithm strengthens detection levels and identifies entities with purposely altered names. Receive alerts on sanctioned entities or persons that have intentionally included too many or removed spaces to avoid detection by screening systems.</p> <p><b>Normalisation:</b> provides ability to edit and promote normalisation rules in production without affecting the norm rule cache. Improves overall system performance and creates a better user experience.</p>
<p><b>Supports accurate, straightforward decision making</b></p>	<p><b>Ad hoc lookup:</b> allows for lookups and displays more details on matches. Perform lookups without needing to store an alert and navigate to the alert details screen and prevents users from losing critical alert context.</p> <p><b>Anti-stripping:</b> allows investigators to screen alerts against previously blocked payments.</p> <p><b>Versioning:</b> allows users to adapt detection configurations easily and find what works. Investigators can store multiple versions of a detection configuration in the model repository then choose the model to deploy for screening.</p> <p><b>Currency cut-off:</b> factors in market implications and prioritises currency based on market to enable legitimate transactions.</p>
<p><b>Robust, real-time, infinitely scalable architecture</b></p>	<p><b>24x7 architecture:</b> separates processing from the user interfaces to ensure maximum resilience, stability, and scalability.</p> <p><b>Easy import and export of configurations between environments:</b> provides faster configuration import for maintenance operations and ensures timely updates of the production system.</p> <p><b>Conditional execution of detections:</b> allows for checks to be executed in a more targeted fashion, thus reducing false positives, improving performance, and enabling easier maintainability.</p>

## 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.

<sup>1</sup><https://www.chartis-research.com/technology/analytics/7946451/financial-crime-risk-management-systems-watchlist-monitoringsolutions-2022-market-update-and-vendor-landscape>

<sup>2</sup>Match Exclusion algorithms achieves an initial reduction in false positives of at least 50%. Combined with post processing, we can further reduce false positive alerts to at least 70% as compared to the initial volume. Working with a major customer in the Nordics, we reduced their false positives by up to 83% using just Match Exclusion.

<sup>3</sup><https://www.forrester.com/report/the-forrester-wave-tm-anti-money-laundering-solutions-q3-2022/RES176346>

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