

Quality not quantity – can we solve the alert conundrum?

Optimise alert decisions with operationalised machine learning

The challenge

Dramatically reduce unproductive alerts with integrated, intelligent, and autonomous machine learning.

Machine learning (ML) presents an opportunity by offering a means to intelligently aggregate, assess, and predict outcomes based on dynamic data and behavioural patterns.

The challenge is deploying machine learning without adding complexity and risking opaque results. The benefit of machine learning models hinges on delivering accurate and timely predictions that provide effective decision support.

The solution lies in an approach to machine learning that:

- Learns continually, auto-tuning and delivering increasingly accurate results
- Initially surfaces predictions for information only – so investigators can gauge their quality before taking informed action
- Provides model governance in the form of performance monitoring dashboards and reports to support internal model assurance processes and audit information for engagement with external regulators

Our approach

Intelligent event triage, driven by ModelOps:

Optimises alert decisions without complex integrations, risky trials or lengthy tuning.

What is intelligent event triage (IET), driven by ModelOps?

Built into SymphonyAI NetReveal, IET is an automated first line of triage that scores alerts in terms of priority, based on the organisation's preferences and previous actions. IET is designed to maximise investigator time, turning time spent collating data and sifting through alerts into time investigating critical alerts.

IET benefits from an out-of-the-box automated ML process for training and deploying ML models – which initially work in the background, for information and reporting only – until the organisation is comfortable going live.

How does IET reduce false positives?

IET uses ML algorithms to reduce the amount of work required to manually process alerts, reducing therefore the total cost and time spent on investigations.

It prioritises the most valuable alerts with the highest scores for investigators to address first. Lower scored alerts are automatically moved to a 'hibernated' status.

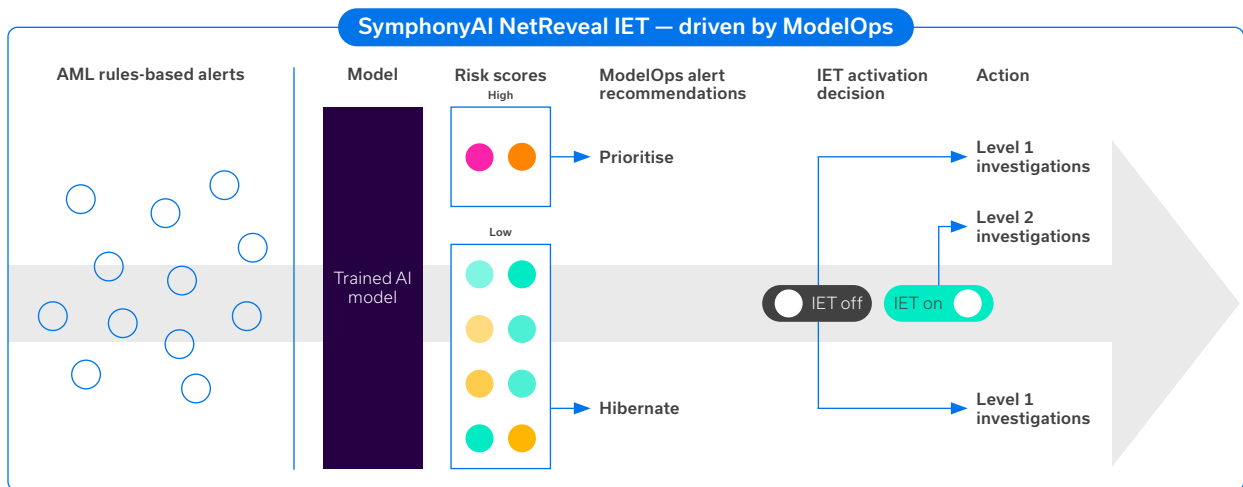
How long before I see results?

Alert recommendations may be viewed as early as day one of go live. The decision on when to start the process automation for activating the recommendations lies with the client, their level of comfort with the results shown in the application, as well as the organisation's risk appetite.

Up to
30%
less time spent by investigators¹

Up to
95%
less time spent by data scientists²

How it works



Benefits

Gauge impact before activating machine recommendations:

Investigators have a full view of recommended alerts to be moved to Hibernate status, in SymphonyAI NetReveal's case management system, Enterprise Investigation Manager (EIM), before enabling.

Explainable alerts:

Alert explanations are surfaced in EIM highlighting, which alert data fields, give the most reason for suspicion within the model.

Transparent performance monitoring:

Machine Learning alert predictions viewed in case management, resulting in ongoing model validation and assessment in support of model governance.

Efficient alerting:

Maximise workforce productivity by cutting through alert noise and focusing investigation efforts where they are needed most.

Cost effective:

No integration or tuning costs required.

Hybrid intelligence:

Combines human and machine intelligence to exploit the mutual strengths of input and guidance.

Flexible:

Machine-activated decisions are designed to fit the organisation's risk appetite.

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.

¹Up to 30% less time spent by compliance teams on alert investigations thanks to our automatic risk rating of transaction monitoring alerts

²Up to 95% less time spent by data scientists on training ML models once we automate governance, monitoring and management of models

Request a demo or contact us for more information:
netreveal.ai/request-demo