DATA SHEET

SymphonyAI Sensa-NetReveal sanctions screening — transactions

Demo overview

SymphonyAI Sensa-NetReveal sanctions screening

SymphonyAI Sensa-NetReveal sanctions screening is scalable, flexible and can be **modified to suit your business needs (Fig. 1)**. It provides support for a huge variety of watch lists, including commercial, open source or even your own custom lists. A fast real-time engine is capable of returning results in 100 milliseconds and the solution can be deployed on premise or in the cloud.

The working principle is simple, on the one hand you have payments and on the other, you have your watch lists – we bring these together in our **detection engine (Fig. 2)**. If there is a match, an immediate response is sent to the source system with a 'hit' alert. The alert itself is sent to the investigation framework, where it is dealt with in an automated or, if necessary, manual way. The message can be then blocked or released depending if there is a further match or not. In the case of a 'no match', a 'no hit' is immediately sent back to the source system so the payment message can be released straight away.

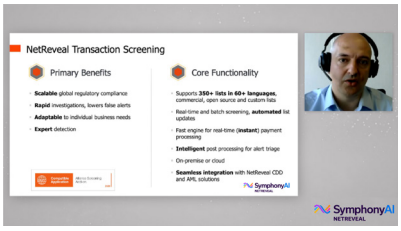

Figure 1 Transaction screening benefits

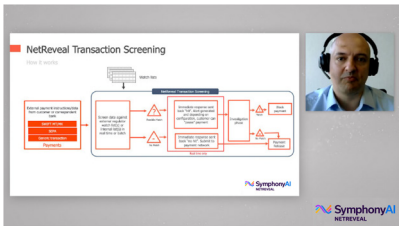

Figure 2 Transaction screening process

Demo

In the demo, we have different screens here. First, we'll take a look at the **list screens (Fig. 3)**. In the list screens, you can configure, upload and export lists, and add filters to search through them and prepare them for **configuring the system (Fig. 4)**.

In the **data source management section (Fig. 5)**, you can configure the data source, which provides a view on your data. Your external data can be mapped into the system, so it can be used later on for comparison.

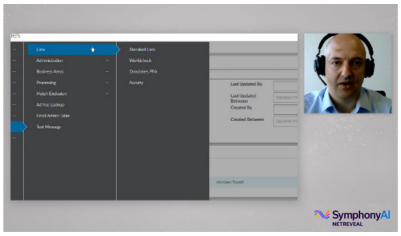

Figure 3 List screens

Figure 4 List screens

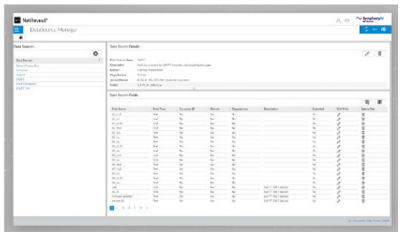

Figure 5 List screens and data source management

Both of the list and data source managers come together in the **detection check manager (Fig. 6)**, where you can easily create checks.

Take a list and choose which field from the list to use for detection, choose the algorithm and see which field to screen against the input – and that's it, **the check is created (Fig. 7).**

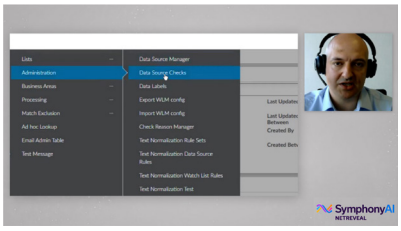

Figure 6 Detection check manager

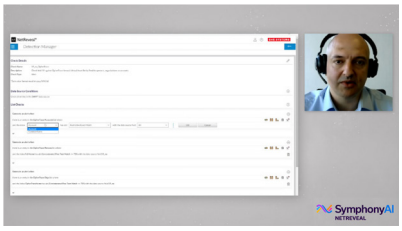

Figure 7 Creating a check

Scalable.
Flexible.
Modified to suit your business needs.

Demo: creating checks

SymphonyAI Sensa-NetReveal supports multiple input channels for payments and multiple formats of messages, such as 'SWIFT MX', 'ISO2022' or generic payment formats. Let's have a look at what would happen when we put a SWIFT message through. The SWIFT message contains the name and account number that is on the watch list. As you can see, we have **generated a hit on both (Fig. 8).**

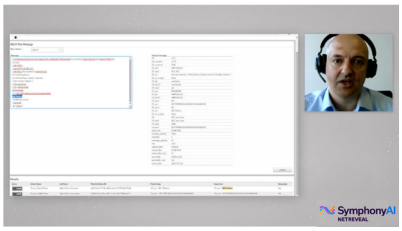

Figure 8 Output of a check

We can go beyond the simple name matching and go into the complex realm of fuzzy text matching. What you can see on the screen is a **name that we've completely scrambled (Fig. 9)**, we've introduced word swaps, letter swaps, we've added random spaces, removed spaces and we even appended an unrelated word. As you can see, **we still find the match (Fig. 10)**. All the alerts are gathered on our transaction work list screen, this gives the investigator an **overview of the alerts they have to deal with (Fig. 11).**

Figure 9 Fuzzy text matching

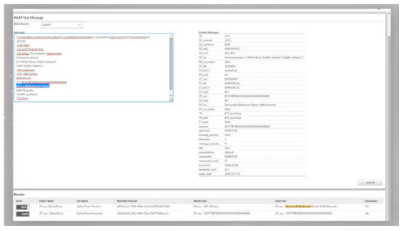

Figure 10 Fuzzy text matching

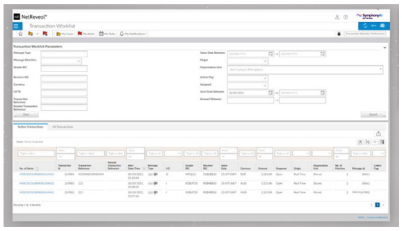

Figure 11 Investigator alert overview

We click into the alerts, which takes us into the **alert detail screen (Fig.12)**. In the alert detail screen, we can see the alert, match, and watch list details. You can get a highlighted version of the message itself for fast detection and easy investigation. You can perform different work flow actions on this alert to guide it through, so typically you would start with assigning it, you can then either release or block the payments after investigation.

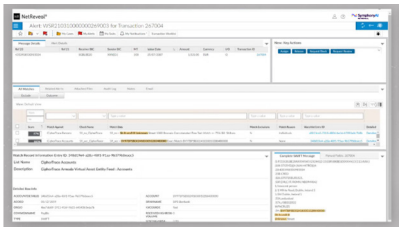

Figure 12 Alert detail screen

You can also perform additional actions such as looking at audit logs to keep track of everything that happens in the system, you can add notes to an alert and even send emails from the system. If you send an email to someone from the system, they can select respond and their reply will automatically be attached to this alert, including additional attachments shared.

For reporting capabilities, we offer a set of dashboards and configurable reports. In this case, we are looking at the **supervisor dashboard (Fig. 13)** that includes information on who is investigating what, what's going through the system and what kind of payment messages there are. You can also click on certain items and other items are automatically modified or updated to match your selected criteria.

The alert list below even updates itself to match your criteria. It can be **exported at any time as an Excel file (Fig. 14).**

You also have dashboards for investigators, where you can get more insight of **what's going on inside of your alerts (Figs. 14 and 15)**. For example, what fields are you hitting against, what detection checks are firing and what names are involved.

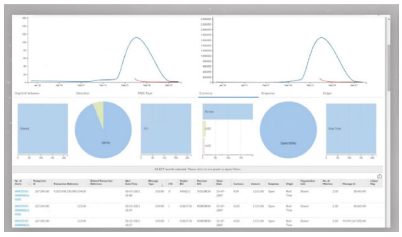

Figure 13 Supervisor dashboard

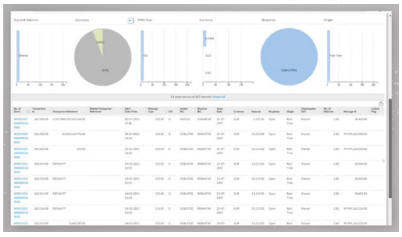

Figure 14 Supervisor dashboard

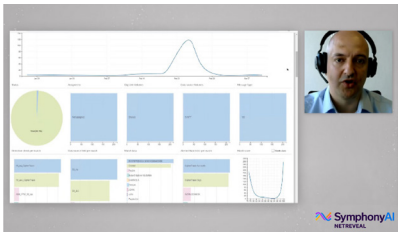

Figure 15 Supervisor dashboard

About SymphonyAI Sensa-NetReveal

SymphonyAI Sensa-NetReveal, a division of SymphonyAI, provides leading AI-based financial crime detection software.