

**Anti-money laundering (AML)** is a term mainly used in the financial and legal industries to describe the legal controls that require financial institutions and other regulated entities to prevent, detect, and report **money laundering** activities

OptiValue Tek's AML framework is one stop solution for all five streams of Anti-money laundering.

- *Customer Due Diligence* – gather information from the client external/internal sources and establish a proper KYC (Know Your Customer) program. Our framework constantly searches News media and find out the risks associated with conducting business with persons or companies having an adverse media profile. Any Negative News associated with the person or companies will be reported at the very instance it was read by our system from News Media and a detailed Summary is generated on that report.
- *Entity Analysis* – identify relationships between institutional clients as well as retail clients to understand the true social graph. Our framework use Knowledge Graph to dig into the data and figure out the relationship between the entities.
- *Downstream Analytics* – detect advanced patterns of behaviour among clients & the inter-web of transactions with a view to detecting hidden patterns of money laundering. Framework will predict high volume transactions/suspicious activity from any source account.
- *Ongoing Monitoring* – Help aggregate such customer transactions across multiple geographies for pattern detection and reporting purposes.
- *Suspicious Activity Report*– These rules trigger downstream workflows to allow human investigation on such transactions

At the same time our framework also reduces the false alerts generated by the system for suspicious activity. This will fasten the Payment process and automate sanction screening



Who is the customer, what are their transaction patterns & who do they do business with



What is the complex interlinkage of entities across years of data?



What are the advanced and hitherto hidden patterns that can be gleaned from this data?



How can we augment old school expert system based monitoring with Predictive Modeling to select patterns of abuse?



Reduce the high rate of noise in SAR Production, Ensure that the right investigator views the right data

## The Five Workstreams of any Enterprisewide Anti Money Laundering Program