

# Catching Financial Crime, Fixing Operational Costs, Once and for all

Financial Crime technology fails to catch today's nor will stop tomorrow's criminal actions. The rate of change continues to outmaneuver existing technologies, processes and policies.

Three problems you need to address:

1. Deeply, clearly understand your customers and how they interact with your TMS
2. Keep your rules and alerts relevant as time progresses
3. Find the real attacks, the malignancies that rules covering behaviors from the last century miss.

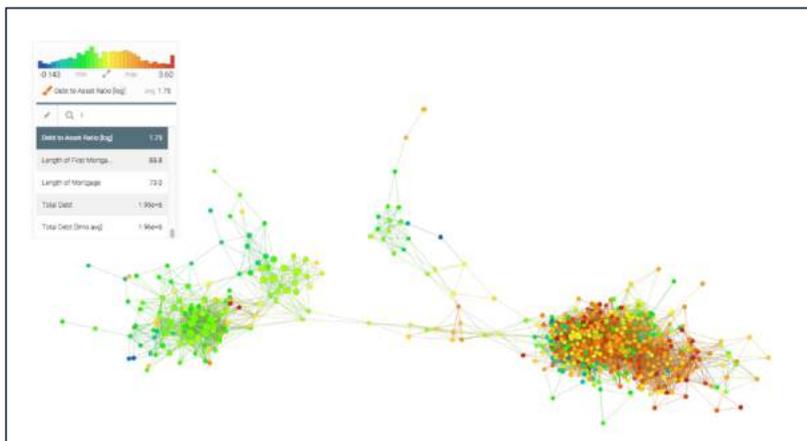
You have added new rules to your transaction monitoring system (TMS), you've introduced party and account level monitoring and you have tuned your TMS as often as you can. And oh, have you tuned it! That helps of course, but you're stuck in a repetitive cycle as your alert volumes start growing again.

Your backlog is increasing, your investigators fatiguing, and your risks are escalating. Buried under false positives, unable to identify false negatives and striving to meet the cost cutting, you do the only thing you can – attempt to tune your thresholds once again. And all the time you are outmaneuvered by bad actors.

But now something has changed.

## TDA: Effective, Efficient and Provably Transparent AML

Working with your current investments, with greatly reduced integration cost you can now gain unparalleled views into the behavior of your customers, their customers, their owners and officers, your intermediaries, your partners, vendors, agents and employees.



Designed to find the weak, hidden signals in multi-dimensional data, supported by hundreds of scientific breakthroughs, 10 years of commercial success, 37 patents and over \$100M in investment, Ayasdi's unrivaled TDA platform powers Ayasdi AML discovery.

*Topological Data Analytics (TDA)* is not an algorithm, a series of models of some open source promises that don't deliver.

It is a field of science pioneered at Ayasdi that proves that data having shape; and that shape has meaning, exposing complexity in a simple, true and unbiased way.

TDA allows the data to tell you the truth, rather than rely on assumptions - about your customers, counterparties, partners and employees true behavior.

Once in place, it's easy to retune your existing machine learning, predictive models and rules by driving out unintended bias. The result? A level of proactive accuracy and insight unimaginable in the past.

Heralding a new era in the fight against financial crime, TDA delivers superior supervised machine learning and is the only approach to deliver true, unbiased, unsupervised machine learning, finding new targets where no historic targets exist. So, your starting with the truth, rather than assumptions about your customers, and theirs.

And not to forget fully explainable results, validation and end to end audit documentation built for meeting the most extreme regulatory rigors.

## Where to Start?

Ayasdi's revolutionary three component AML solution delivers immediate, actionable, recognizable and industry changing results. Choose where, how and what you want to solve first or fix all three challenges at one go.

### "Known Knowns"

Tune your TMS, quickly and consistently



Connect, combine and crunch billions of data points to engineer new features, relationships and behaviors to improve even the most tuned TMS by 20-30%

### "Unknown Knowns"

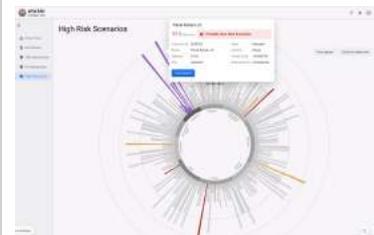
Make your TMS constantly aware of emerging behaviors



Monitor changes in markets, operating models and customer behavior to constantly refocus your TMS rules to manage emerging risk

### "Unknown Unknowns"

Discover previously unknown, hidden attacks



Pioneering risk-based approach to discover hidden attacks across all jurisdictions, assets classes, business units and risks categories

AML is now addressed in a pioneering, brilliant and market leading design. But also, in one deployment, or over time as you look strategically Ayasdi allows you to discover risk across the entire Financial Crime spectrum – fraud, trafficking, evasion, extortion, conduct and behaviors usually too devious to find. The increase in enterprise fidelity, cost effectiveness and protection are quite simply, revolutionary.

## Want to know more?

You should. Drop us a line for short, focused demonstration and discussion on how to increase the effectiveness and efficiency of your Financial Crimes Strategy.

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