

## LGT (The Liechtenstein Global Trust): Optimising Screening Systems with Data-Driven Solutions

### The Opportunity

LGT, the largest Private Banking and Asset Management group owned by the Princely House of Liechtenstein, encountered inefficiencies in its customer and transaction screening systems.

Outsourcing part of the process to World Check led to high false positive rates, straining operations.

The main opportunities were to reduce false positives for greater efficiency without losing accuracy, streamline the screening process to minimize irrelevant hits and improve detection of true matches, and enhance overall system performance to cut costs through targeted upgrades and advanced solutions.

### The Solution

#### Enhancing Efficiency and Reducing False Positives with Advanced Screening Solutions for LGT

Beyond has been working with LGT since 2021, providing project-based solutions to address inefficiencies in their screening systems. The solution included:

- 1. Capability assessment and system benchmarking:** Beyond conducted an initial assessment to identify weaknesses in the system, revisiting LGT's institution risk profile and providing recommendations for improvement.
- 2. Precise threshold adjustments:** To maintain effectiveness while enhancing system performance, Beyond made precise adjustments to screening thresholds, reducing false positives and unnecessary hits.
- 3. Machine learning-based post-processor:** In a subsequent phase, Beyond deployed a machine learning-based solution to further reduce false positive rates and enhance system performance.

### The Results

The implementation of targeted solutions significantly improved LGT's customer and transaction screening systems by reducing overall costs, optimising performance, and minimising manual intervention.

System effectiveness was maintained through threshold adjustments, allowing for better risk management and more efficient operations.



**50% reduction in the number of hits returned by the system**



**Reduced false positive rate for sanctions from 28.5% to 22.1%**



**Further reduction in false positives by 11 percentage points**