SUCCESS STORY

A stock exchange transformed ⌐

A flexible API architecture aligned to evolving business needs

A cloud-native data management solution

Search over 100,000 data record in under five seconds

Over 300 million records created per day

THE CHALLENGE

A data management challenge

- As a stock exchange with growing trade volumes faced a strategic data management challenge. Clients required historical data to drive algorithmic trading and automated investment. The performance of the on-premise technology was inadequate

- With over 300 million records created per day and a need to search around 100,000 data items quickly, cloud was the only sustainable solution.

THE ENGAGEMENT

Performance through partnership

- GFT built an indexed database to support client data journeys, from trading to reporting. This was essential to avoid missing data, inconsistencies, or duplication.

- The solution supports both business and technical functions and embraces good data governance. All application program interfaces (APIs) were bench-tested to ensure a response time of between two and five seconds.

THE BENEFIT

Benefits all round

- One of the world's business stock exchanges can offer a better experience and can manage expanding data volumes at low latency.

- The new solution offers continuity of operations in the event of a local system failure and shows the power, scale and resilience of the cloud as a strategic platform for innovation.