

# CASE STUDY



## Industry

Investment Banking &  
Financial Service

## Profile

The bank is one of the multi-national investment banks and financial services company based in Europe. The bank provides private banking, wealth management, asset management, and investment banking services for private, corporate, and institutional clients with international service. The bank has over trillions dollar worth of assets under management (AUM) and significant amount of invested assets.

## How A Top Investment Bank Leverage Data Mesh to Unleash A Trustworthy Network of Data Through LOC (Logic Operation Centre)

### Challenges

As a global investment bank, the bank is dealing with enormous amount of trade and market data for daily and periodic consolidation and aggregation. Having precise capturing of relevant trade/market data lineage and access control in timely manner is one of the potential upgrade in order to detail accurate trade and investment events.

They approached us for the following trade/market use-case scenarios:

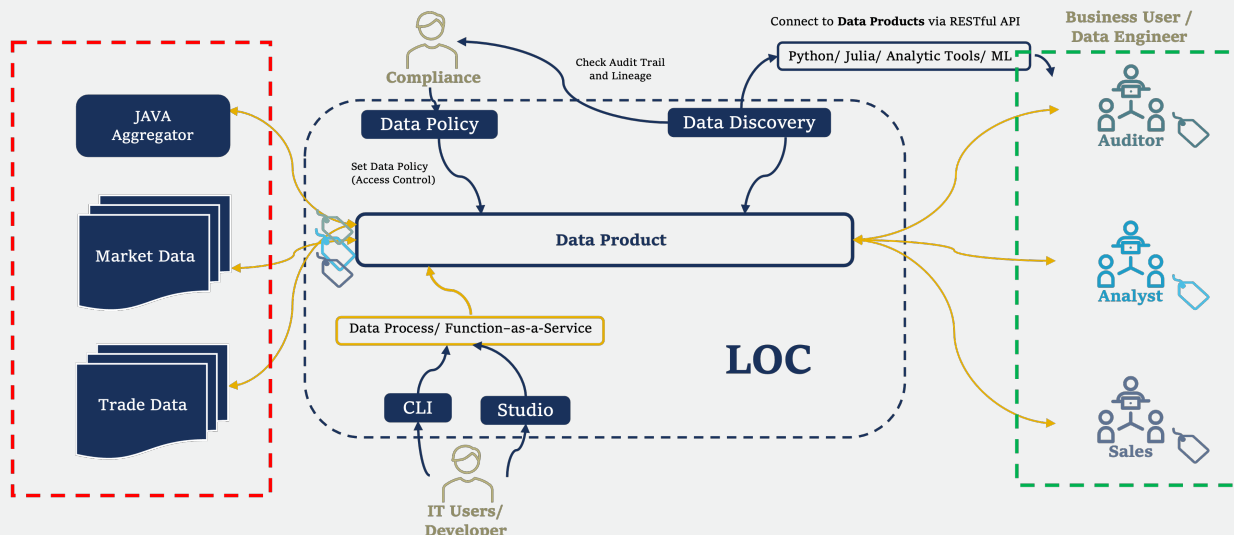
Authorised end-users (via a dashboard) need to consume the required trade/market data and compute useful outputs for his/her use. There will be a series of live trade/market data feeding into a Java app for aggregation purpose, through which the subscribed market/trade data feeds are sent in real-time and by batches.

The bank requires the system upgrade to allow direct discovery of relevant datasets from the sources, at such, any actions and activities performed afterward (by the authorised users via pre-determined access control policy) can be accomplished with precise lineage for future compliance and audit-trail purposes. In brief, they are seeking the provision of accurate "referencing" capability for any given event sourcing whether for internally or cross-systems basis.

### Solution

We analysed carefully their requirements and identified the necessities for operational mechanics within this case, where the solution fitting must be capable of linking existing data feeding infrastructure in a non-intrusive manner for while capable of catering for precise data governance and efficient management with on-demand policy settings.

FST Network suggested using Data-Products approach, where we inserted an intermediary Data-Engine to perform necessary data processes in which, all the required governance and control can be integrated while enabling the detailed lineage for every single end-to-end configurations of data flow and applications.



Full incorporation of all necessary API routes, Data Policies, Data Processes, Labelling and DB agents can be smoothly implanted and implemented via our LOC studio deployment where the bank can setup their desired Trade/Market Data Catalogue for precise referencing in order to meet their compliance requirement.

## Benefits & Future

LOC studio is an efficient portable integration solution to allow client to systematically re-engineer their data infrastructure and make possible migration for innovation upgrade.

While solving the bank's specific trade/market use-case, the underlying issue is also about the provision of streamlining their internal master data blueprint which is one of the greatest but essential challenges to overcome, especially for an existed old monolithic & heavy legacy based system.

Our Solution not only can help them handle specific trade/market use-case, but also simultaneously allow progressive yet non-intrusive way of data re-organisation and transformation for better future data horizon.

Our solution also advancing them to achieve better and clearer understanding of the data infrastructure as well as identify the true state of organisational data health, unveil system weaknesses, eliminate unwanted, forgotten or repeated data (or processes) & unclog potential "blockages" within the data pipelines and ensure quality data delivery.

While perform gradual migration, our solution is agnostic and domains-free whereby we do not interfere their data ownership nor do we allow any viewing of their data contents. In another words, we only provide them a great tool and the bank can creatively perform their internal data revamping and upgrading with upmost confidence.



FST Network aims to revolutionise the data landscape by creating world's first cloud-native and serverless data mesh platform. Logic Operating Centre (LOC) is fully capable to "productise" and "eventify" your data with easy-to-deploy data pipelines which seamlessly connects everything across your organisation, bringing agile, accessible and trustworthy business insights.