

Always On, Always Learning

Business Scenario – “End of the Expert”

A Global Bank achieved their PII regulatory compliance objectives in weeks, taking a different strategy to the current solution providers.

A world's largest global banking and financial services organisations with a network covers more than 60 countries. Launching a new platform was challenged to manage personal identifiable information (PII) across multiple platforms.

In a matter of weeks, dataSense was able to digitise the client flows proving the regulatory commitments, reducing the support resources, delivering data searching in seconds.

What was the business challenge?

The Bank was launching a new digital platform. There were several operational and regulatory challenges with regards to PII data as well as infrastructure, with the added complexity of addressing legacy and new platforms on premise and cloud.

- No visibility on multiple sources of data and how they moved throughout the data landscape especially to the cloud
- Concerns with regards to trusting the data and therefore required lengthy investigations to the veracity of the data. Many analysts were engaged in the end-to-end process, revalidating content which impacted on decision making
- As the process relied on the metadata structure, regular reviews of the mapping to ensure consistency and accuracy were required, in addition to creating manual mappings to link metadata between systems
- Finally, the service needed to offer visibility on the client personal data from when the client was onboarded in the first instance, to any activities on their behalf and where the data was at all times. This is a GDPR regulatory requirement

"We had a complex data problem to solve, and within an hour, we were able to setup a working proof-of-concept with the dataSense cloud data platform.

This allows us to visualise the high value data assets moving around our data estate and build greater trust in our data capabilities."

Head of Digital Bank

How did dataSense address the challenge?

dataSense is a 3rd generation catalog platform, enabled the Bank to automatically track the clients PII data across a complex portfolio with minimal support from the SMEs, significantly reduced the effort and timeliness of searching and understanding where the high value data assets were at all times.

- Business views of critical data assets were digitised. Each element was assigned an immutable digital fingerprint to enable data to be tracked and search for
- Created unified views of the data across several different sources and technology stacks, legacy and next gen platforms. No manual stitching required, increased the value of the data by automatically connecting and establishing relationships across multiple business areas
- There was no data processing applied, the platform once trained managed the data, at different frequencies daily, weekly, monthly etc and different formats, automatically. The platform is self managing, with no need to change configuration or software as new data or changes are realised. The software is always on and always learning
- The end-to-end journey of each client was fully digitised, giving full traceability and visualisation to all users. Authorised technology/non-technology users were able access their information, when they needed to, with increase confidence and trust

“always on and always learning”



“Reducing costly reviews and increasing trust”

What were the benefits?

Once the business views were agreed, the transparency of the end to end came to fruition. dataSense is self-managing, no humans need to be involved in tracking the data or any anomalies. Alerts were raised for different scenarios, this enabled better understanding, management and trust of the data.

- Data could visualised, understood, and searched for in seconds compared to hours, even days
- Control and ownership with the data owners
- Resources required to support the process significantly reduced
- The lineage is based on actual content, dealing in facts not opinions, reducing costly reviews and increasing trust and confidence
- Reducing the liability and potential future risk of fines as well as pressure on high value SMEs and technical staff.
- Low implementation footprint – data sent in the first hour of implementation, no data lakes or warehouse created, so new interfaces created – using the current data messages and interfaces

Designed from experience, engineered for the next generation

What was the outcome?



Real Data Insight

Reducing the PII requests from 4 weeks to less than 60 seconds. Enabling the users to view, search and understand the data in a common business defined view. dataSense bridges the gap between business & technical metadata by adding operational data to your current data platforms. Moving from a technical driven approach to a business driven one.



Data Flow & Lineage

The Bank was able to send and receive data across its data ecosystems within one hour. Provided granular insights on how the data was moving around the organisation and between platforms. Also a high level reconciliation, what data was distributed and received between systems.



Data Discovery

Productivity was increased as data could be found faster and more easily. Digitised the process automatically, the software is self-managing. Also established what data, real actual content, not the metadata, was in the cloud.



Smart Alerting

Created anomalies on new and missing data from messages and interfaces. dataSense alerts when new data in a platform is used for the first time, it recognises patterns or behavioural changes. Alerting goes further and will alert when a new combination of data assets from the catalog occur.



Non-invasive Deployment

Using code to data paradigm, dataSense provides data API or a RemoteAgent designed to send all the required information to dataSense. No interfaces need to be built using RemoteAgent. Reducing the implementation from months/years to weeks.



Catalog + Data Management

dataSense's 3rd generation catalog platform enabled the client to create multiple business views of the data across different business areas, bring the context of the data to life. The ability to stitch the business views together, legacy or new, on-premise or cloud automatically, showing the relationships between the data. Business users now using the same view, removed duplicated data sets as well as opinion's, now relying on the facts.

dataSense is not a data lake, warehouse or reporting solution, but together with these capabilities we are bringing to market a new paradigm that glues everything together.

Data collaboration taken to the next level, real data driven reality realised

About VisionGroup

VisionGroup is focused on driving adoption of impactful technology to governments, enterprises and the masses by making it better, faster and easier. We have a Vision to empower lives by integrating disruptive technology into everyday life to create a better us and a better world. And a Mission to empower our clients and stakeholders to turn their Vision to Reality. VisionGroup has offices in Singapore and UK. [For more information visit www.visiongroup.co](https://www.visiongroup.co). Contact us on hello@visiongroup.co.