



Draining the Data Sea: Reducing Risks & Cutting Costs in Banking

CUSTOMER PROBLEM

Our customer, the US division of a large UK bank, was facing a paradoxical problem of success: with business growth came an increase in data risks, as the division became a more lucrative target for hackers, and of greater interest to privacy regulators.

The division's head of data platforms engaged OneDPO, expressing special concern about the division's data warehouse, which had grown to billions of rows of data but without an equal growth in security and risk management controls. Their initial goal was to improve their cyber hygiene, but as our data protection professionals worked with them to understand their business needs, their core problems became clear:

- ✓ Their data warehouse had become **bloated and difficult to use** after years of growth. Some of their data had gone stale – but they didn't know which data was stale.
- ✓ The bank's growth meant a greater number of data warehouse users. The data platforms team wanted to **limit access to sensitive data** – but they didn't know which data sources were sensitive.
- ✓ The risk of data breach increased with every increase in headcount. The team wanted to **remove inactive users** – but they relied upon 100% manual processes conducted only once a quarter to do so.

With our strong understanding of our client's business requirements, OneDPO's team of data protection professionals leapt to work.

ONEDPO'S SOLUTION

The first and most critical step was providing the client with a software platform that gave the data platforms team a comprehensive overview of their data, and gave them the ability to improve and track the progress of their data protection programs.



Next, OneDPO leveraged the data protection platform to make a series of strategic improvements to their data protection plan:

- 1 OneDPO **mapped all the data in the data warehouse**. This effort gave the team a complete, holistic view of their data, granular to the database table level. This gave the team unprecedented insight into **which databases and tables had sensitive data**.
- 2 OneDPO developed custom software which **showed the client all the stale data** which hadn't been used for the previous 90 days. The results were spectacular: a first scan found that **over 60% of the data wasn't used**, and should be archived.
- 3 OneDPO created a comprehensive data matrix **highlighting a list of users with access to high-risk data** in the client's warehouse. This matrix provided the team with an **automated method for removing inactive users**.

The results were immediate and apparent: the head of data platforms now had unprecedented visibility into the data risks facing the division, with granularity down to the individual user and database table level.



This gave the data platform teams the resources necessary to make data protection and cyber hygiene a core part of the division's operating culture.

LESSONS LEARNED

- ✓ Our client's data risks problems are not unusual – reading the case, you may have recognized some of them in your firm too.

- ✓ The first and most important data risk facing organizations today comes from not knowing where your risks are. You may have great analytics and insight into your data warehouse – but do you know the exact data risks in every single one of your databases and tables and for each of your data users?

- ✓ That's where OneDPO comes in. We work with your team to develop a comprehensive and in-depth mapping of your data and the attendant risks, shaping our work around your business needs. With the data map in place, we can move on to providing high-value data protection solutions to you and your firm.