

LARGE INVESTMENT MANAGEMENT FIRM

DATA VIRTUALIZATION & MASKING CASE STUDY

CHALLENGE

This global financial services firm is a leading provider of mutual funds and other financial products and services to millions of individuals and institutions. As you would expect, it has a large and complex IT infrastructure comprised of hundreds of applications and databases. The client had just completed a DLP implementation and now required a solution to virtualize and mask customer data in all non-production environments based on audit requirements as well as meet application and testing team's needs to rapidly access data. They faced multiple challenges that Axis was able to address:

- The client had hundreds of databases and thousands of files to be virtualized and masked and needed a highly automated and scalable solution.
- Their applications are tightly integrated and large portions of data was shared between them, making data integrity a paramount issue
- Over 1000 developers/testers and other IT resources were working in these non-production environments, making communication and coordination a critical factor for success

SOLUTION

Axis developed a custom solution based on Delphix Virtualization and Delphix Masking to provide a highly automated self-service test data provisioning solution. It is integrated into the client's existing IT environment. Axis setup two teams, the first was responsible to virtualize a curated list of databases. Once a database had been virtualized it was handed off to a second team that would profile, mask and provision the data to the self-service portal. Axis expertise enabled them to virtualize and mask hundreds of databases speeding up the client's existing development processes. The Axis core team was responsible for planning, onboarding the applications, virtualizing the databases, profiling, masking the data and validating that the masked data adhered to the client's security standards. The key success factors of this project was the Axis repeatable, scalable virtualization+masking process in conjunction with Axis' deep expertise with the Delphix Dynamic Data Platform.

RESULTS

The Axis Data Virtualization and Masking Factory solution delivered outstanding results:

- The client was able to rapidly virtualize and mask over 250 databases in less than a year
- Stakeholders were able to implement virtualization and masking for their non-production data needs on demand.