

CASE STUDY

Large Scale Virtualization & Masking



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. Axis leveraged the Delphix to integrate into the client's existing IT environment. Axis setup a Virtualization team, 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 significantly speeding up the existing development processes. The Axis team was responsible for planning, on-boarding the applications, virtualizing the databases, profiling, masking the data and validating that the masked data adhered to the client's security standards.

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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.

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ABOUT US

Axis Technology, LLC is a leading Data Privacy Solutions firm based in Boston. We work with clients worldwide, architecting and integrating DataOps products that speed up access to secure data. Over 20 years, Axis has built a reputation as experts in Data Security solutions solving some of the largest data privacy challenges with proven process and software. For more information, visit our website at www.axistechnologyllc.com