

# DATA MASKING CASE STUDY

## LARGE INVESTMENT MANAGEMENT FIRM

### 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. It has a large IT infrastructure comprised of both a mainframe transaction processing environment, as well as hundreds of Unix-based applications and databases. The client had just completed a DLP implementation and now required a solution to mask customer data in all non-production environments based on audit requirements as well as application and testing team's specific needs. They faced several challenges that Axis was able to address:

- The client had hundreds of databases and thousands of files to be 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 Masking to provide a highly automated self-service test data provisioning tool that was integrated into the client's IT environment. Using Delphix Masking, a leading masking product, Axis was able to profile, mask and provision data faster than ever before. Axis expertise enabled them to mask hundreds of databases without slowing down the client's existing development processes. The Axis core team was responsible for planning, on-boarding the applications, profiling, masking the data and validating the masked data was secure and adhered to the client's security standards. The key success factors of this project was the Axis repeatable masking process in conjunction with Axis' ability to leverage the power of the Delphix Masking product. To top it all off Axis provided the client a Masking Cookbook so they could continue masking on their own.

### RESULTS

The Axis Data Masking Factory solution delivered outstanding results:

- The client was able to rapidly mask over 250 databases in less than a year
- Stakeholders were able to implement masking for their non-production data needs on demand.
- The client consistently applied their corporate data protection standards with minimal impact to the ongoing software development process.