

FOURTH LARGEST US CREDIT UNION

DATA MASKING CASE STUDY

CHALLENGE

This credit union has over \$12 billion in assets and over 850,000 members. It has an established IT infrastructure comprised of both a custom and packaged applications using primarily Oracle and SQLServer databases as well as flat files. They faced several challenges that Axis was able to address:

- Client had a 6-week deadline for masking their 9 in-scope applications (1 application on Oracle, 8 applications on MS SQL Server)
- Effort estimates obtained from competitors was 18-24 weeks to mask all the in-scope applications
- Applications also included feed files that needed to be for testing and development activities
- There were no firm requirements about how the sensitive data attributes should be masked.
- There was a lack of resources with the appropriate skillset for masking
- Little time for understanding the impacts masking can have on application teams.

SOLUTION

The Axis Data Services Team was engaged to deliver masking of the in scope applications in 6 weeks. Using Delphix Masking the team accomplished the following:

- Profiled all database schemas, and file formats, for 9 in scope applications (13 separate databases).
- Reviewed sensitive data inventories with application subject matter experts (SME's).
- Masked discovered PII in all database schemas and files.
- Supported troubleshooting and issue research during sanity testing of applications with masked data
- Provided documentation including all custom configurations/job setup required to support masking
- Provided data masking best practices to Information Security team and Application teams

RESULTS

The Axis Data Masking Factory solution delivered outstanding results:

- **Axis profiled and masked 662 tables, 3,507 columns, and 680 million rows of data in 6 weeks**
- After the initial engagement, client is able to continue masking activities with minimal support
- Client signed an extension to provide transition support and masking expertise
- Stakeholders were able to implement masking for their non-production data needs on demand.
- The client was able to consistently apply their corporate data security standards with minimal impact to the ongoing software development process.