

CASE STUDY

Masking Deadline



CHALLENGE

This credit union has over \$12 billion in assets and over 850,000 members. It is the fourth largest in the United States and 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 nine in-scope applications
- 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 13 separate databases.
- Reviewed sensitive data inventories with application subject matter experts.
- Masked discovered PII in all database schemas and files.
- Supported troubleshooting and issue research during sanity testing of applications with masked data
- Provided documentation for 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.

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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