



CASE STUDY

SECURE DATA WAREHOUSE MIGRATION & WORKLOAD MANAGEMENT WITH MICROSOFT AZURE SYNAPSE

Reduced operational expenditure by 40% as a result of high availability.

Client Background

The client is a leading manufacturer of energy-saving light, shade, and temperature controls for homes and offices. The client was using on-premise Netezza and IBM DB2 as Data Warehouses. These Warehouses had nearly identical data, and both were used for analytical as well as reporting purposes.

With several terabytes of data residing in their data warehouses, the client was facing critical failures with their current infrastructure. They needed to build a highly available, secure, and scalable enterprise-grade analytics environment using Azure Synapse Analytics, by migrating data from IBM DB2.

Xoriant Solution | Key Contributions

Being a Microsoft Gold Partner for over 20 years with 600+ experts sharing a strong Microsoft tech expertise, Xoriant was chosen as the technology partner. The client was convinced about Xoriant's deep experience in Azure Synapse Analytics. Xoriant helped the client to design a migration solution with Azure Synapse that could handle heavy loads. The key contributions include:

- Setting up a private network infrastructure to migrate data securely from DB2 to Microsoft Azure without any direct/indirect contact with a public cloud.
- Leveraging Azure Synapse Pathways to translate the IBM Netezza definitions to Azure Synapse.

KEY BENEFITS

- Reduction in operational expenditure by 40% as a result of high availability.
- Improved execution efficiency by 60% resulting in cycle time reduction.
- Improved business insights integrated with AI and BI capabilities.

- Leveraging Azure Synapse Pipelines and private endpoints to incrementally migrate data securely.
- Rebinding the Cognos reports with Azure Synapse for better BI insights.

Client Testimonial



Using Microsoft Azure Synapse Analytics, Xoriant engineering team was able to build a highly available, secure, and scalable enterprise-grade analytics environment. We are now able to reduce operational expenditure by 40% while achieving better business insights.



Technology Stack

Microsoft Azure Synapse | Microsoft Azure Synapse pipelines | IBM DB2 | IBM Cognos | Microsoft Power BI



Xoriant is a product engineering, software development and technology services company, serving technology startups as well as mid-size to large corporations. We offer a flexible blend of onsite, offsite and offshore services from our 14 global offices with over 5000 software professionals. Xoriant has deep client relationships spanning over 30 years with various clients ranging from startups to Fortune 100 companies.