

Success Story

Creating Great Guest Experiences for Modern Hospitality Industry

How a global ERP provider overcomes compatibility challenges for database migration and application modernization

The client is a global software solutions innovator, with more than 60,000 customers in over 175 countries providing ERP solution and platforms to various industry verticals. With an evolving hospitality industry, they wanted their property management system to meet the modern hospitality industry standards delivering superior guest experiences.

Challenges

The client sought to modernize their legacy product by transitioning it from MS SQL Server to AWS Aurora PostgreSQL while simultaneously establishing a dual-compatible system.

Migrating and rewriting 1200+ database objects ranging from 500GB to 2TB

Testing of 300+ application screens for seamless migration

Ensuring performance validation without impacting experience

Delivered

With a commitment to streamlining processes and enhancing efficiency, the Xoriant team confronted the time-intensive tedious issues and achieved a successful database migration while maintaining operational continuity for their client.

Developed

An automated program for consolidating the TSQL for procedures, triggers function

Increased

Productivity and reduced script creation time from 1 person-day (pwd) to 0.5 pwd.

Facilitated

Identification of actual queries during ITP execution, reducing manual debugging efforts

Utilized

Open-source tools like p6spy and automated programs increased issue resolution productivity

Identified

Solutions that were compatible with both SQL Server and Babelfish & identified critical issues for AWS reporting

Developed

Performance tuned queries for optimal or at part performance of the system using new DBMS

Business Value



Boosted

Productivity with automation and reduced manual efforts by 50%



Facilitated

Root cause analysis of performance intensive queries via automated program



Reduced

Time required for debugging from hours to minutes

Technology Stack

Java, Selenium, SQL Server, AWS Aurora PostgreSQL, Babelfish, Jenkins, Maven, JIRA, SVN

Xoriant provides advanced technology solutions and software development services for global banks, software product companies and F500 market leaders. Based in the U.S. with 17 global offices and 5000+ engineering professionals, Xoriant demonstrates exceptional experience in banking and finance infrastructure modernization and cloud migration. We deliver expert digital engineering, as well as offsite and offshore services, across high tech, healthcare, pharma, industrial manufacturing, telecom, and automotive sectors. Customers credit technological innovation and delivery excellence for our shared success over three decades.