



CASE STUDY

INTUITIVE BI DASHBOARD DEVELOPMENT FOR A SECURITY SOFTWARE COMPANY

Enhanced business decision making with improved data quality.

Client Background

Our client is a leading cybersecurity software solution and service provider helping consumers and organizations securely manage information and data systems. The client used an Oracle enterprise application system to record customer data. This data was processed, validated, and presented across various dashboards for business decision-making, improving performance, and customer satisfaction. However, the Oracle-based data entry being manual, resulted in incorrect data mapping and data quality issues. This, in turn, impacted data forecasting and decision-making. The main objectives of the client included:

- Faster dashboard that could lay down millions of data in a quick and easy-to-analyze view.
- Insightful dashboard with drill-down functionalities to explore the breakup of counts and in-depth details.
- Quick way to track and correct unmapped accounts due to incorrect data entry.

Xoriant Solution | Key Contributions

Xoriant focuses on the latest data analytics, BI technologies, and end-user culture to ensure solutions that support people, processes, and profitability. The client partnered with us considering our three decades of experience in big data, analytics, and AI/ML. Our key contributions in designing a flexible and scalable dashboard using Informatica PowerCenter, Teradata DB and Qlik Sense include:

- Understanding functionalities, data quality needs and business perspective of the dashboards before implementation.
- Studying sources of different data systems from where the data was further cleansed to be used for decision-making.

KEY BENEFITS

- Improved decision-making with a quick snapshot of business operations.
- Accelerated the data cleansing process and improved monitoring of data quality over time.
- Ensured ability to know top customers generating maximum revenue.
- Provided access of quality data coming from different sources.



- Designing and developing a flexible and scalable solution using Informatica PowerCenter, Teradata DB, Teradata, Qlik Sense to analyze unmapped accounts.
- Working closely with subject matter experts for reviews and feedback to create an efficient and easy-to-use dashboard.
- Using Teradata DB for storing data in warehouse and collating master and transactional data at 1 stage area.
- Using Informatica PowerCenter for tracking data changes and storing the changed version of dataset for future reference.
- Using Qlik Sense to make operational and executive dashboards, combining customer MDM data and Product Sales data to give a comprehensive overview of customers and the business generated through them.

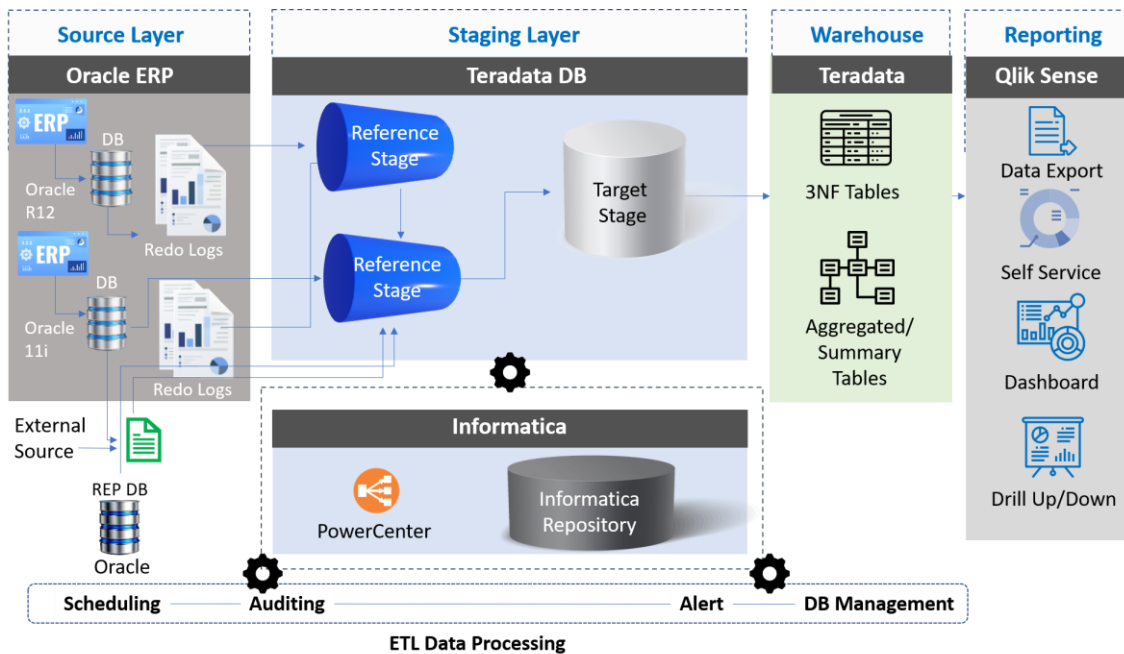
Client Testimonial



Leveraging Xoriant’s big data management, advanced analytics, latest technology experience has allowed us to build knowledge, gain confidence in our data-driven decision making.



High Level Architecture



Technology Stack

Oracle R12/11i | Teradata DB | Informatica PowerCenter | Qlik Sense



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 eight global delivery centers with over 4000 software professionals. Xoriant has deep client relationships spanning over 30 years with various clients ranging from startups to Fortune 100 companies.