



Success Story

Baking the Recipe for Integrated & Automated Data Analysis

How a renowned confectionery manufacturer achieved 25% reduction in manpower costs

The client is one of the biggest name in the confectionery and food industry, and pride themselves on providing nutritious and delicious treats to their customers.

Challenges

The client faced a challenge in their food packing process where data was generated at each zone cycle using a Yokogawa machine. The data was manually analyzed to ensure quality assurance, leading to delays with the possibility of human error.

Data analysis from the packing process was manual and costly

Time consuming and inefficient data analysis led to delays and error

Ineffective data collection in diverse formats

Delivered

With an unmatched expertise in data engineering, Xoriant enabled the development of a scalable solution to automate the necessary data integration with their existing Yokogawa application data.

Deployed
Azure Data Factory Pipelines to identify compliant and non-compliant records

Automated
Quality assurance process and significantly reduced human intervention

Integrated
Different components to store and analyze data in an efficient and accurate way

Implemented
COSMOS DB/Azure SQL Database for storage, Power BI Analytics & Reporting for analytics

Business Value

Reduced
Manual efforts and errors by 50%

Slashed
Manpower costs by 25%

Achieved
Efficiency in data storage and analysis

Technology Stack

Microsoft Robotics Process Automation, Azure Data Factory, Azure Data Lake Gen2, Cosmos DB, Azure SQL DB, Power BI

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.