

# Case Study

## Scalable QA Strategy for a Global Consulting Firm



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## CLIENT OVERVIEW

A leading global consulting firm specializing in audit, tax, and advisory services. Operating in over 150 countries, they manage large-scale data processing for risk management and compliance.

## KEY CHALLENGES

Developing a scalable QA strategy for their Data Management Platform while ensuring compliance and efficiency.

- ✓ Complexity of data integration from 13+ sources and processing 100M+ records weekly.
- ✓ Slow manual validation causing testing bottlenecks and impacting go-live deadlines.
- ✓ Data quality issues affecting accuracy and compliance across multiple regions.
- ✓ Scalability concerns with growing data volumes and performance efficiency.

## NEWVISION'S SOLUTION

A comprehensive QA transformation with automation and continuous testing.

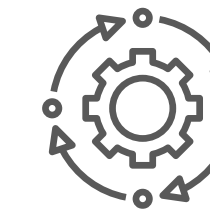
- ✓ Quality Gate-driven testing approach with automated UI, API, and data testing integrated into CI/CD pipelines.
- ✓ Tooling and automation implementation using Tosca DI and custom solutions for seamless validation.
- ✓ Developed Synthetic data generation tool and risk-based testing to enhance test coverage with minimal dependencies.
- ✓ Phased execution model with regression automation, in-sprint testing, and parallel automation streams.

## SUCCESS HIGHLIGHTS



**80%**

Test Automation Coverage



**4 Hours**

for 1M Data Records



**40%**

Increase in Early Defect Detection



**40%**

Reduction in QA Costs

# ABOUT US



NewVision Software is a global information technology consulting and services company. We are digital natives discovering ideas, constantly innovating, improvising to build a better future for our customers. We strengthen and transform businesses by providing focused software solutions. With a presence in the US and India, we serve marquee customers across verticals, listening to push boundaries and innovate continuously. We have deep technical capabilities and industry knowledge and co-create value with centers of excellence, accelerators, and best practices for impactful outcomes.



## PRODUCT ENGINEERING

Designing Solutions,  
Engineering Excellence



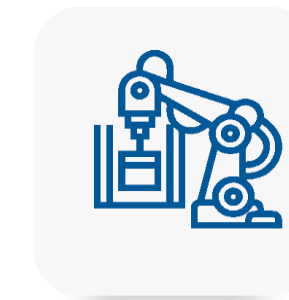
## CLOUD

Always On, Agile  
and Resilient



## DATA

Demand more from  
data



## DIGITAL ASSURANCE

Driven by Business,  
Powered by Automation



## UTILITIES

Redefining operations and  
experiences



## INTELLIGENT AUTOMATION

Process-powered  
profitability



## ITSM

Empowering your  
digital potential



## DEVOPS

Transform faster  
and safer



## ORACLE ERP

Unifying the source of  
truth



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