



CASE STUDY

DEVELOPMENT OF ROBOTIC PROCESS AUTOMATION BOT FOR ONE OF THE BIG 4 AUDIT FIRMS

An automated audit approach brings 95% efficiency and 90% cost savings

Client Background

Our client is a leading professional services firm providing audit, tax, and advisory services to businesses. The client's service-related audit process included data in 10,000+ rows and 50+ attributes. The process from data retrieval, processing, validation to sharing filtered data to auditors was tedious, time-consuming and manual.

The key objectives of the client included:

- Development and implementation of an automated cognitive method for report processing
- Enhancement in resource utilization by identifying current procedures for report analysis and generation
- Reduction of operational costs, time and manpower

Xoriant Solution | Key Contributions

The client needed a product engineering technology partner with expertise in new-age technologies to aid their business requirements. Xoriant engineering team with a laser-focused approach, comprehended the client's objectives and contemplated the idea of automating the audit process by building a robotic process automation bot. The team actively worked on the design and development of the RPA bot.

- Automated the complete audit process – reading, processing and validation of data while eliminating manual work using RPA technology.
- Customized excel macros and integration with RPA technology to organize cases (grouping) as per their respective client's requirements.
- Developed an automated process to notify business clients in order to initiate a review process using automated emails.

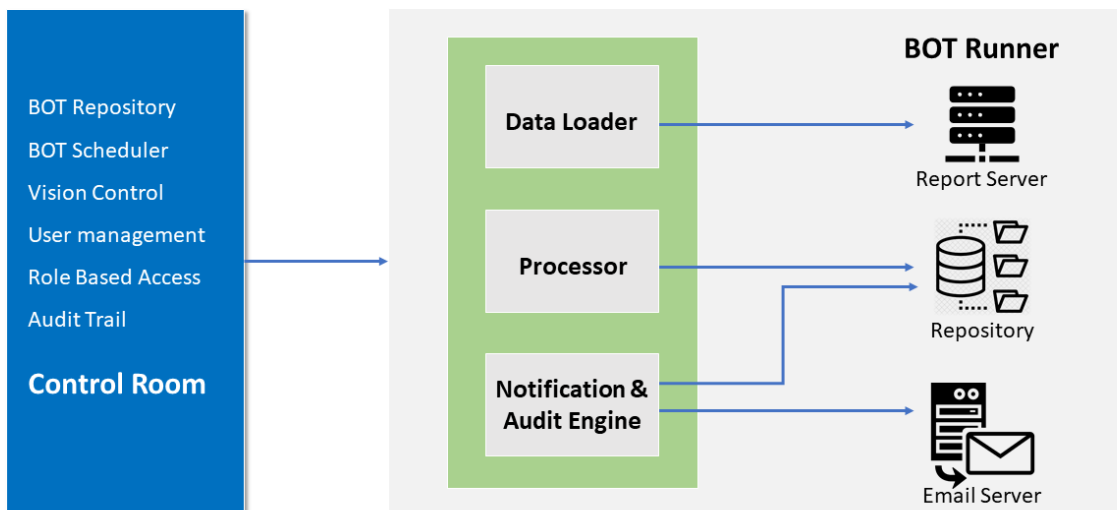
KEY BENEFITS

- Report processing time drastically reduced from 2-3 weeks to 2-3 hours. Thus, increasing the efficiency by 90-95%
- Process automation eliminated the need for man-hours & overall TAT to filter, correct, apply business rules and share. Thus, reducing the cost by 90%
- Automation allowed auditors to focus on crucial business tasks

Client Testimonial

“Xoriant’s overall effort in developing an RPA bot manifested in an automated auditing environment. With their expert engineering team, we were able to achieve real-time business benefits, including cost savings and audit efficiency.”

High Level Architecture



Technology Stack

Robotic Process Automation | Automation Anywhere | Macros



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 2500 software professionals. Xoriant has deep client relationships spanning over 25 years with various clients ranging from startups to Fortune 100 companies.