

Reduced Manual Testing Efforts: Seamless Migration with End-to-End Automation

Overview

A leading manufacturer of biscuits, confectionery, and snacks, founded in 1929, established itself as an iconic brand globally. They needed a partner to implement robust Automation Testing for seamless functionality and performance post-SAP S/4HANA migration.



Objective

The objective was to conduct Automation Testing to ensure seamless functionality and performance of the new system after the SAP S/4HANA migration, with comprehensive regression testing coverage.

Business Challenges

The organization faced significant hurdles during the SAP S/4HANA migration, lacking dedicated resources for quality assurance, which pressured adherence to Go-Live deadlines:

- **Absence of Dedicated QA Team:** Testing responsibilities fell to the development team or functional consultants
- **Critical Go-Live Deadlines:** Increased pressure to ensure stability and quality without compromising timelines
- **Limited Regression Testing:** Coverage was restricted with no reusable test assets, impacting SAP Fiori modules

The Solution

We developed automated test cases across multiple SAP modules (MM, QM, FI, SD, PP, TRM, PM) using Tricentis Tosca, conducted within the SAP Fiori app environment. The solution included data-driven testing to validate the Fiori app across various user scenarios and business processes, with reusable test scripts for faster test maintenance. This approach supported the ECC to S4 HANA migration, ensuring a comprehensive regression test suite for post-Go-Live releases.

Value Delivered

Our Automation Testing transformed the Client's SAP S/4HANA migration, ensuring seamless functionality and stability where manual testing once risked delays. Previously limited by inadequate testing coverage, the organization now benefited from real-time insights into test results and a comprehensive regression test suite. Key benefits included:



Seamless ECC to S4 HANA Migration supported smooth transition



Comprehensive Regression Test Suite enabled thorough post-release validation



Real-Time Insights provided quality and stability monitoring

Business Benefits



Seamless System Functionality



Enhanced Performance Stability



Improved Regression Coverage



Streamlined Business Processes