

## Overview

A prominent FMCG company with a diverse portfolio and global operations, driven by a vision to become a multi-category FMCG major, sought to enhance its IT landscape by integrating advanced technologies to streamline business-critical processes.



## Objective

The client aimed to streamline testing processes, establish robust testing frameworks, and ensure the scalability and quality of business-critical IT applications while minimizing risks associated with continuous release cycles.

## Business Challenges

The client faced multiple challenges in their testing processes, particularly in managing timelines and ensuring quality across both SAP and non-SAP systems. The absence of a standardized approach for Agile and DevOps methodologies, coupled with manual testing inefficiencies, significantly impacted business operations.

- **No dedicated Testing Team:** Absence of a specialized team to manage diverse testing requirements
- **Absence of end-to-end Test Automation:** Limited automation for SAP workflows and regression testing
- **Unestablished Testing Processes:** Missing standardized testing types (smoke, sanity, regression)

## The Solution

We addressed the client's testing challenges by automating SAP modules (MM, WM, FICO, PP, PM, QM, SD, HCM) and systems like Salesforce and GST. Using Tricentis Tosca, we implemented end-to-end automation across SAP and non-SAP systems, ensuring a unified framework. A project tracking and reporting matrix was introduced for better monitoring, and a test automation strategy with tool recommendations was developed to boost efficiency. Continuous performance testing was implemented to ensure scalability. This solution improved testing speed, accuracy, and scalability, meeting the client's needs for faster and more reliable releases.

## Value Delivered

The automation of testing processes reduced manual effort, leading to faster execution and enhanced accuracy. This not only improved operational efficiency but also contributed to cost savings. The client was able to meet tight release deadlines with greater confidence, knowing their systems were thoroughly tested and scalable.

<b>200%</b> Reduction in Test Execution Time required for testing, speeding up release cycles	<b>50%</b> Faster Test Suite Development by implementing reusable automation component	<b>90%</b> Risk Reduction in Releases, greatly minimizing risks associated with system failures
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### Business Benefits

 <b>Faster Test Execution</b>	 <b>Cost Optimization</b>	 <b>Risk Reduction</b>	 <b>Improved Scalability</b>
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