

Transforming SAP Testing with SOAIS and Tricentis Tosca: 90% Time Savings: Saved 9 out of every 10 hours spent on manual testing cycles and Enhanced Compliance

INTRODUCTION

In consumer products industry, a global leader in household and consumer products, faced significant challenges in managing IT testing processes for their SAP ecosystem. Operating in a competitive market, the ability to deploy updates, patches, and new features efficiently was critical to maintaining operational excellence and product quality. To address inefficiencies, compliance restrictions, and time-consuming test maintenance, the consumer products industry partnered with SOAIS to implement Tricentis Tosca, a cutting-edge intelligent test automation platform.

Business Challenges

Complex End-to-End Testing and Validation

Of workflows—order-to-cash, procure-to-pay, and hire-to-retire—was a labor-intensive process requiring significant manual effort. Frequent updates, patches, and security enhancements extended testing cycles, delaying deployments and increasing the risk of disruptions.

Governance and Compliance

Restrictions: Stringent compliance regulations restricted access to sensitive test data, such as login credentials and workflow configurations, within the SAP environment. These limitations complicated test data creation and validation, making it difficult to maintain the accuracy and relevance of test environments.

Time-Consuming Test Maintenance:

Manual test data creation and maintenance became a bottleneck for the consumer products industry's IT operations. Test scenarios often required constant updates to

align with system changes, consuming resources and delaying testing cycles. The need for faster, automated testing solutions was apparent.

Soais Solution

To overcome these challenges, SOAIS implemented Tricentis Tosca, a leading intelligent automation platform, integrated with the consumer products industry's SAP Solution Manager. The solution addressed key pain points through automation, data accuracy, and compliance-focused design.

Tricentis Tosca Integration with SAP Solution Manager

SOAIS seamlessly integrated Tricentis Tosca with SAP Solution Manager, enabling automated execution of test cases directly within the SAP environment. This integration ensured adherence to compliance regulations by keeping sensitive data within the system while providing real-time feedback on updates and patches.

Automated End-to-End Testing

The SOAIS team collaborated with the consumer products industry to automate over 60 critical end-to-end business scenarios within four weeks. Automated workflows for key processes like order-to-cash and procure-to-pay significantly reduced the time required for manual validations.

Real-Time Data Creation and Validation

Tricentis Tosca automated the creation and validation of test data, ensuring test environments remained current and compliant. Real-time execution and feedback allowed the team to identify and address issues promptly, reducing errors and improving reliability.

Key Benefits

90% Time Savings:

Automating over 60 end-to-end business processes reduced testing time by 90%. Updates and patches that previously required weeks of manual effort were completed within a fraction of the time.

Enhanced Compliance and Data Security:

Achieved 100% compliance by keeping all testing within the SAP environment, eliminating data breaches. By executing tests within the SAP environment, the solution maintained full compliance with governance regulations. Sensitive data remained secure, eliminating risks associated with external access.

Improved Testing Accuracy:

Ensured 99% accuracy in end-to-end business process validations, minimizing human errors. Automated, consistent test execution reduced human error, ensuring accurate and reliable

validations. This enhanced the quality of the consumer products industry's SAP systems and minimized disruptions.

Faster Release Cycles:

Reduced patch and maintenance deployment times by 75%, enabling quicker responses to market demands. Streamlined testing accelerated maintenance and patch deployments, enabling the consumer products industry to respond quickly to market demands and regulatory changes.

Cost Savings:

Lowered testing costs by 40% through resource optimization and automated workflows. Automation reduced resource requirements for testing, allowing the consumer products industry to reallocate budget and personnel to strategic initiatives. Significant cost reductions were achieved through improved efficiency.

CONCLUSION

By partnering with SOAIS and implementing Tricentis Tosca, the consumer products industry transformed its SAP testing framework.

The company achieved 90% time savings, enhanced compliance, and improved operational efficiency. This innovative approach empowered the consumer products industry to maintain its competitive edge while ensuring the reliability and integrity of its SAP systems.