

ZenSár



CASE STUDY

How did Zensar bring about the visible transformation?

The client partnered with Zensar for End to End Product Testing – We built and implemented robust Product Testing Strategy and Framework for complete End to End Testing of entire Product customization, upgrade and integrations. The relationship is over 8+ Years and ensured business continuity without any critical defect leakage to production.

Company:

The client is a Switzerland-based company that, together with its subsidiaries across global locations, develops and markets hardware and software products that enable or enhance digital navigation, music and video entertainment, gaming, social networking, and audio and video communication over the Internet.

Headquarters:

Lausanne,
Switzerland

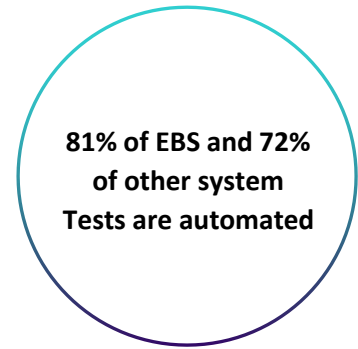
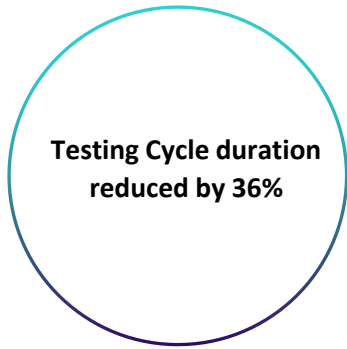
Challenges

- Client needed to move to Oracle EBS Release R12.2.3 as current 11.5.x version is not supported by Oracle
- Business demands additional requirements and faster rollouts
- Goal is to simplify, standardize and globalize their business processes with all latest requirements
- Need for faster system customizations, maintenance and upgrades
- Tight schedule to speed up rollouts that demand reduced Testing Cycles
- Implementation of new Modules like OCHRM, AGIS & Sourcing
- Requirements were finalized/received very late in project
- 11.5.x Test Cases does not have complete test coverage
- There is no End to End Test Suite available
- New Rollup Oracle Patches impact lot of customized objects that needs lot of retesting
- Multiple reporting platforms are being maintained
- Many integrations with upstream/downstream systems/products that are complex and demands thorough End to End Testing

Solution

- Used Zensar Rapid Product Testing Framework (ZenRPTF) to build tailored Test Strategy and Frameworks for Manual Testing, Functional Tests Automation, Services Automation, Performance Testing and Security Testing
- Used ZenRPTF accelerators to develop Test Cases quickly for System Testing, System & Integration Testing and E2E Testing
- Zensar Product Test Engineers took no lead time to understand customizations and build the test cases quickly
- Introduced shift left testing approach for Manual, Automation, Performance and Security Testing
- Tailored ZenRPTF Automation Framework and assets to automate tests faster and reduce Testing Cycle duration to the maximum possible
- Optimized End to End Tests with complete test coverage
- Involved Business and Functional SMEs during End to End Testing to validate results, which resulted in Zero Critical Defect seepage to production
- Early Performance and Security Testing resulted in least time consumption during final execution
- Automation helped in reducing the global rollouts Testing Cycle time drastically

Top Benefits Achieved



- Developed robust End to End Test Suite, ensuring 100% Test Coverage
- Test Execution Cycle time reduced by 80% via automation (2 weeks to 2 days) for Global Rollouts
- Zensar's Product and domain knowledgeable Test Engineers , Jump Start kits helped with Day 1 productivity

How did Zensar bring about the visible transformation?

The client is looking for a partner to ensure thorough End to End testing with aggressive schedule – We built and implemented robust Product Testing Strategy and Framework for complete End to End Testing. Zensar supported in successful Go-Live as per given aggressive schedule.

Company:

The client offers comprehensive drug product development and manufacturing services to the pharmaceutical industry. Their services include formulation, analytical and process development; clinical trial material and commercial product manufacturing and packaging; and stability storage

Headquarters:

Fenton Louis, MO,
UNITED STATES

Challenges

- Client wants to implement S/4 HANA EM 1511 system within 5.5 months' duration and 1 month stabilization
- Scope includes S/4HANA Enterprise Management 1511 FSP 02, across Finance, Logistics, Planning and Manufacturing along with Project systems (for R&D and Capex Projects and Plant Maintenance Module)
- SAP-LIMS (Third Party Laboratory Information Management system) integration for transitional flow of inspection lots to LIIMS system, and usage decisions being transferred back from LIMS to the SAP system
- Few applications are there for business processes and the business was mostly driven through excel based reporting
- Requirement is to have only one source of database system for all business processes
- Tight schedule demands reduced Testing Cycles
- Many integrations with upstream/downstream systems/products demands thorough End to End Integration Testing

Solution

- Used Zensar Rapid Product Testing Framework (ZenRPTF) to build tailored Test Strategy and Framework to meet faster rollout schedule
- Re-used ZenRPTF accelerators to develop Test Cases
- Started module level testing in parallel to development to reduce System Integration Testing Schedule
- Early testing helped in identifying many defects during development stage
- Built end to end tests with Business support and executed in-parallel to SIT thus reduced both System & Integration Testing and User Acceptance Testing duration
- Early Performance and Security Testing resulted in least time consumption during final execution
- Identified all regression tests and automated for Global rollouts

Top Benefits Achieved

98% of defects are identified before UAT

Zero Critical Defects in Production

Testing cost reduced by 26%

- Ensure 100% Test Coverage with robust End to End Test Suite
- Involving Business POCs with End to End Testing helped in reducing UAT duration to 1 week