



Let's Solve

Case Study

SAP Test Automation for a US-Based Petrochemical Company



A Larsen & Toubro
Group Company

Client

Client is a leading US-based petrochemical company. It is one of the world's top producers of olefins and polyolefins, and a leading supplier of aromatics, alpha olefins, styrenics, specialty chemicals, plastic piping and polymer resins.

Challenges

- Need for a robust & comprehensive automation test suite, covering Supply Chain, Finance, MRO/PM, HR, Security, EHS, PS, APO, and SAP Portal modules.
- Shorten annual SAP release/upgrade project timelines for SAP upgrades.
- Improve efficiency, and support multiple releases testing per year.
- Save cost by reducing manual testing efforts.

LTI Solution

- Built a comprehensive automation test suite, covering high priority test scenarios, using Worksoft Certify toolsets.
- Automated test design and approach, and implemented best practices and standards.
- Setup one-click automated test execution, including sequence and conditional execution.
- Created comprehensive regression suite covering business process across SAP and non-SAP applications.
- Discovered and eliminated redundant tests caused due to bad data, incomplete configuration or human errors.

Business Benefits Delivered

- Discovered 80% of defects on day one of testing by early detection of upgrade defects.
- Saved 80% efforts by reducing the testing cycle time from eight to three weeks.
- Minimized test execution complexity with a pre-configured execution request.
- Unattended 24 hours/day of test execution for automated scenarios through one click testing.

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