Case Study

SAP Test Automation for a US-Based Petrochemical 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.