

AN ELECTRONIC SECURITY AND FIRE PROTECTION EQUIPMENT MAJOR IMPROVED ITS TESTING PRACTICES WITH HCL's ERP LN **AUTOMATED TESTING SOLUTION**



Customer Background

The client is an industry-leading electronic security and fire protection equipment manufacturer



Challenges Faced

Despite being a global major in its area of business, the client was plagued with several impediments. Struggling to address its heavily customized ERP LN application, the company was looking to contain its high defect resolution costs, at the production stage.

Supporting monthly code changes and frequent UI and Java migration were other challenges. Additionally, system testing efforts, high test coverage and robust regression/integration testing needs were steadily reaching near unmanageable levels. Finally, the absence of requirement documents was hindering test case creation.



HCL's Solution

HCL actioned a number of measures to ensure end-to-end test management. Next-gen technologies such as Quick Test Professional or UFT 11.53, HCL Automation Hybrid Framework, HP-QC 9.2/11.0, SharePoint and SVN were deployed, which helped identify the integration between

functional areas by engineering a data flow/functional diagram. HCL also evaluated and automated highly critical end to end test scripts (Happy path), enabling regression testing for ERP LN/Custom environment. A quality center for test management was implemented, robust test management processes were introduced, and smoke testing scripts were created to reduce migration cycle time.



Benefits

HCL's service bouquet helped deliver the following benefits:

- 30% reduction in execution cycle time
- Test processes and framework standardization
- Enhanced quality deployment via expansive test coverage
- Rapid test execution turnaround for unplanned releases
- Minimized test cycle time through reusability/ re-engineering of existing scripts



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