



SCMERPQA

A Contractor Service that is a leading supplier to a Fortune 500 parent providing North America's building industry with one single, convenient resource for all of its product and installation needs.

The Business Problem

While the organization experienced a recent surge in its contracting business, it has faced recurring shortages of stock and delivery problems at critical times of the year. At the same time, inventory levels that were much too high overall had plagued the company. To align demand forecasting, inventory management, order management, the organization began to develop and deliver a supply chain management solution powered by the Oracle E-Business Suite.

The Challenge

The Organization needed help in validating its critical supply chain management solution. In order to free resources for other value-added tasks and maximize its IT investment, the company looked for a partner that could reduce costs, and ensure maximum value obtained through effective and efficient testing of its powerful Oracle ERP environment.

How we helped?

Delasoft provided specialized Oracle SCM consultants, Mercury Certified Quality Assurance Consultants throughout the enhancement process.

The Strategy

We launched the Validation phase in three separate "Business Releases."

1. Business Validation. In this phase our Consultants were responsible to gather end to end test scenarios and document them in Quality Center. All Change Control Requests to Business Requirements were also documented. As new configurations were being migrated into the test environment, our test engineers actively identified/seeded test data. With each release, our engineers were responsible to test multiple end-end business scenarios, documenting discrepancies and following up at each stage before migrating to production. Delasoft successfully achieved this phase by means delivering a robust, reliable Oracle SCM application.
2. Automation Validation. After reaching a stable ERP platform, to realize the benefits of automated Quality Assurance Testing our Mercury Certified engineers developed a robust Automation test framework. With the Aid of this framework for Oracle ERP, all post production CCR's, upgrades and configuration changes were quickly tested and certified with a go/no go criteria. This has saved the organization ten's of hundreds of man-hours from validating the Change control requests manually.



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3. Performance Validation. The Supply chain management solution needed to be optimized for its performance to meet/exceed its user expectations. Delasoft's test strategy enabled the organization to assess, diagnose and engineer higher performance into their application testing processes to improve a customer or end-user's experience. Our Performance validation enabled our client define application performance objectives, predict potential performance failures before they occur, identify and isolate the root cause of performance failures. By helping our client better manage the overall performance of their application, we enabled them to meet their customer and user expectations, improve user satisfaction, reduce costs and, overall, improve their bottom line.

Technologies used:

Mercury QTP, BPT, LoadRunner, Quality Center

The Results

Within a year's time frame, Delasoft helped improve the stability, robustness and flexibility of the organization's supply chain system significantly.