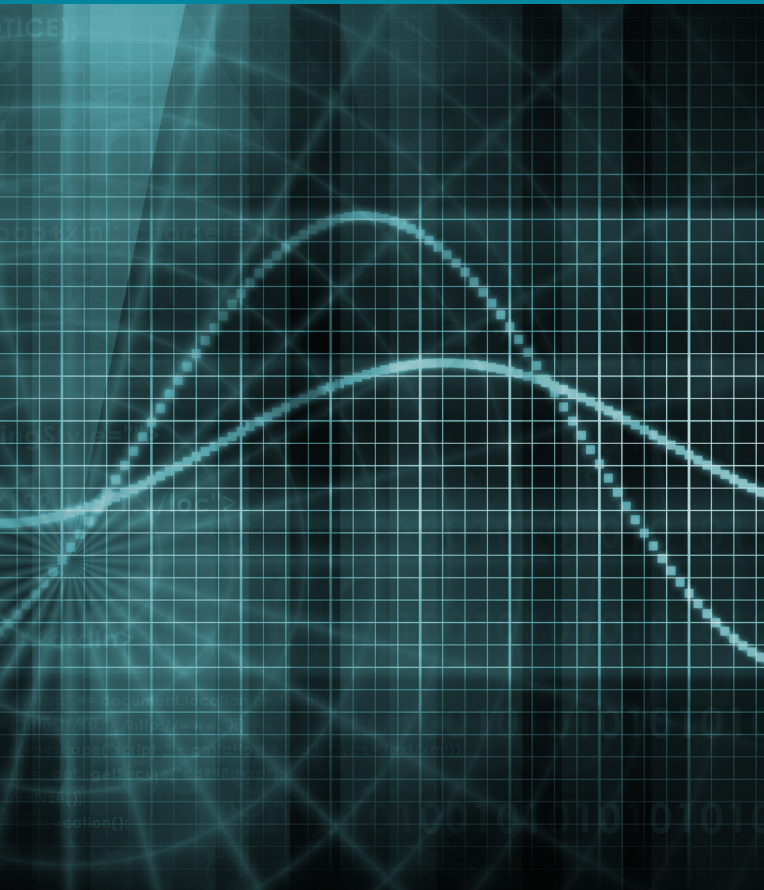


PeopleSoft FSCM 9.2 Upgrade Success Assured with PeopleSoft Test Framework (PTF) Test Automation



- Over 500+ tests executed for each cycle in an accelerated multi-cycle (3) System Integration Test window spanning 8 weeks, reducing the overall time by half when compared to manual testing.
- Comprehensive end-to-end process tests developed using PTF that mimicked Client business processes; Multiple data sets or test cases for each test provided over 100% additional coverage in testing compared to previous test efforts.

Background

The Client, is a leading Mutual Insurance Company that provides financial services to cooperatives, credit unions, their members, and other customers worldwide. The Client sells commercial and consumer insurance and protection products. The PeopleSoft Financials v9.2 upgrade scope included General Ledger (GL), Purchasing (PO) and Payables (AP) with a large number of integrations from internal and external applications into GL and AP. Client chose PeopleSoft Test Framework (PTF) as the tool of choice for upgrade functional and technical testing over HP Quality Center and QTP, which was used in prior projects as a way to save time and money while leveraging the tight integration of PTF and PeopleTools.

Customer Requirements

- Upgrade PeopleSoft Financials from v8.8 to v9.2 (2-step upgrade) with all current functionality, customizations, bolt-ons and integrations
- Taking advantage of several v9.2 features like Approval Workflow Engine (AWE), Data Archive Manager, Security, Dashboards and WorkCenters to de-customize and standardize.
- Implement Secure Enterprise Search (SES), PeopleSoft Update Manager (PUM), Single Sign-on, Identity Management, High Availability and Failover in v9.2
- Implement Data Privacy Compliance via Transparent Database Encryption (TDE) on SQL Server 2008
- Test, tweak and optimize system for performance
- Test all of the above using PTF

Astute Solutions

Astute maintains a library of ready to use test cases within its FasTest Toolkit for PTF, which can be executed in any environment/instance just by updating the instance information and the Client test data. The library maintains more than 2,000 tests and test cases for PeopleSoft 9.2 FSCM.

- JumpStart for PTF – Delivered pre-built tests for all vanilla functionality in 9.2 by loading it into the Client's test instance. Over 50% of Astute's test cases were a perfect match to client's test cases.
- The pre-built tests shaved off weeks of time that would have otherwise been spent designing and recording new tests in v9.2 for their PeopleSoft processes.
- Expert consulting services to build process catalogs, test plan and design for customized and bolt-on functionality, and to work with the business to create business validation scenarios for testing.
- PTF Test Automation via Shell Scripts to mimic the Client's end-to-end business processes – multiple tests were built by process track to speed up testing and to run through multiple scenarios in rapid fashion.
- Enabled the Client to execute a compressed and accelerated SIT and UAT phase that was driven by other project constraints but was successful mainly because of Astute's solution and the Client's investment in PTF.

Customer Benefits

- The Client received the pre-built library of tests for all modules in scope, which can be re-used as a regression test library for future projects such as maintenance pack updates, new feature rollouts, new module implementations, etc.
- Test execution and reporting on test outcomes were completed in record time due to the one-click execution and playback nature of PTF scripts, further enhanced by the test automation features incorporated into PTF.
- The Client was able to execute multiple rapid test cycles within the 8-week SIT window because of the time and money invested in the beginning of the project to develop PTF based scripts and to use Astute's pre-built test libraries.
- The Client repeated the same tests with different test data (PTF Test Cases) for UAT and achieved similar results.
- Business and IT users alike found the recorded PTF tests valuable when they wanted to create additional test cases to further increase test coverage, gaining assurance of the implemented solution.
- PeopleSoft Update Manager was used to apply a system-wide update to the 9.2 environment. This was an unplanned activity that was de-risked by the use of accelerated testing using PTF tests and test automation routines custom built for the client's upgrade.
- The availability of Astute's ready to use PTF test scripts aided in the reduction of the final completion time required to build all of the client's scripts in PTF.

About Astute Business Solutions

Astute is dedicated to providing innovative solutions that address our clients' unique and industry-specific pain points. We specialize in extending the out-of-the-box functionality of enterprise applications using our seamless add-on solutions so our clients can be spared the burden of messy and difficult-

to-maintain customizations. Our unique combination of onsite, offsite and offshore resources enable us to provide the best-in-class service and support to our clients at a significant cost reduction.



4637 Chabot Drive, Suite 220 Pleasanton, CA 94588
info@beAstute.com | 925.924.1400 | www.beAstute.com