

Quality Assurance Case Study - Automation Services

Service Area: Automation Services

Cross Platform Automation

Deliver automation solution across platforms integrating multiple test tools

Client

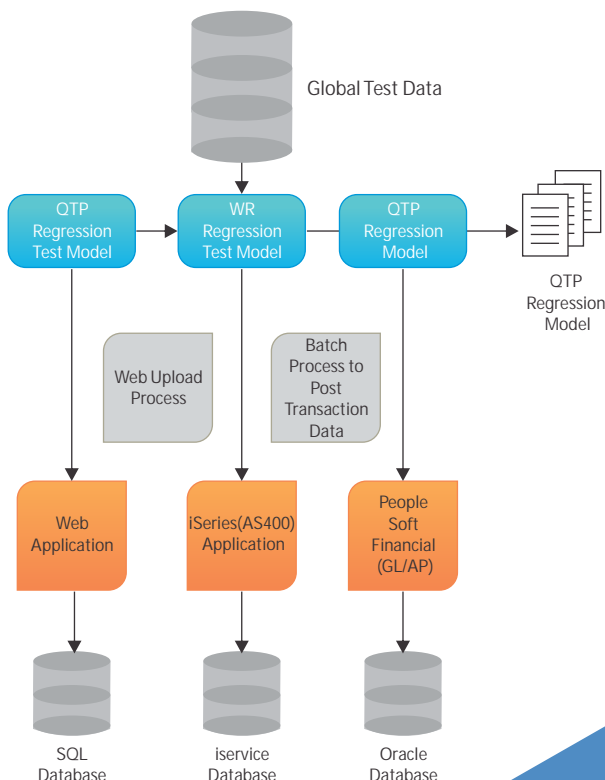
A leading Electronic Warehouse

Need

Automation of applications across platforms using different technologies and databases. The challenge was to integrate the tests across platforms and automate end to end test.

Solution

For one of our fortune clients, Microexcel delivered an end to end automation solution across multiple platforms. Automation was completed for three core applications using WinRunner and QuickTest Pro in combination. The underlying strategy and design flow diagram explains the high level approach. The regression test bed created across applications uses Global test data. With the use of Global test data architecture automation was delivered to test each application independently, along with interface testing and end-to-end testing, thus providing complete automation solution. During the test cycle, data created by web application is uploaded to iSeries application and processed using iSeries regression model. The iSeries processed data then is sent to the downstream processes (PeopleSoft financial) and for generation of reports. The regression model was implemented to execute using TestDirector.



Environment:

.NET,MS SQL Server, iSeries AS400, WinRunner, QuickTest Professional, TestDirector, MSAccess, etc.

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About Microexcel Inc

Established in the year 2001, Microexcel, Inc. is a global management consulting, technology services and outsourcing company. With a proven track record in providing quality, cost effective and timely Information Technology professional services and solutions, Microexcel merges people and technology to deliver value.

Headquartered in Secaucus, NJ, Microexcel has branch offices near Chicago, IL, London, UK and two offshore locations at Hyderabad and Bangalore in India. With over 450 + employees based in USA and India, Microexcel provides 24*7 support to Clients in the areas of IT Staff Augmentation, IT Audits, Systems Analysis, Maintenance & Support, Microsoft Technologies (gold certified partner), including .Net and SharePoint, SAP, Oracle Applications (11i certified partner), Quality Assurance Testing (certified partner of HP and Borland), J2EE, Linux technologies. Microexcel is also a New Jersey Certified Minority Owned Business Enterprise. For more information please visit us at www.microexcel.com or e-mail us to sales@microexcel.com