

Proven SAP performance testing framework with HP LoadRunner

Generic and Specialty Pharmaceutical Company

Case Study

SOLUTIONS

HP LoadRunner

INDUSTRY

Pharmaceutical Industry

The Opportunity

One of the world's largest generic and specialty pharmaceutical companies engaged ResultsPositive to assist in preparing for a major release of SAP ECC. This global pharmaceutical enterprise needed a SAP performance testing infrastructure and the expertise to configure and deploy toolsets that could ensure optimal SAP performance. The tool of choice for this specialty pharmaceutical company is HP LoadRunner.

ResultsPositive also assisted this organization in preparing a performance test approach to implement HP LoadRunner and carry out critical tasks involved in the planning phase, including:

- Preparation of the SAP Performance Testing Approach
- Identification of critical SAP transactions, volumes, user base, and definition of SLAs
- Identification of environments and tools required such as HP ALM and LoadRunner
- Identification of test data requirements
- Assistance in preparing a detailed project plan with milestones and deliverables

The Solution

An aggressive two-month timeline was agreed upon to install, setup, configure, and mentor the client's SAP QA team on HP LoadRunner. As the Solution Integrator (SI), ResultsPositive went to work immediately in preparing a SAP performance testing approach that included the installation and configuration of HP LoadRunner. Working with the client's SAP QA team, ResultsPositive helped configure HP LoadRunner & the SAP performance testing environment on-time and under budget.

Planning for SAP Performance Testing involves the identification of business streams across key areas of SAP, such as: SD (Sales & Distribution), Financial Accounting (FI), and Materials Management (MM). For each key business area, the Performance Testing approach decomposes it into SAP T-Codes and Dialog Steps, such as:

- Create an Order with three (3) line items (VA01)
- Create a Delivery for the same order (VL01N)
- Display the customer order (VA03)
- Change the Delivery (VL02N) and Post Goods Issue
- List 30 Orders for one (1) Sold-To party (VA05)



The Benefits

As a result of implementing HP LoadRunner and assisting in the developing of an SAP Testing Approach, this specialty pharmaceutical company was able to boost SAP application performance significantly. A mission-critical enterprise resource planning (ERP) application like SAP ECC must be managed in the context of a performance testing framework. For global pharmaceutical organizations, this requires the use of a toolset like HP LoadRunner to effectively measure the performance of the ERP system under various conditions. The aggressive 2-month timeline provided to ResultsPositive was enough to implement HP LoadRunner and mentor an internal team on how to use the best-in-class SAP testing tool to boost application performance before go-live.

About ResultsPositive

ResultsPositive, award winning HP Partner of the Year for Sales Growth (2014), Customer Support (2013), PPM (2010, 2011, 2012), and Executive Scorecard (2012), was founded in 2004. As both an HP Platinum Partner and HP ASMP-S Support Provider, ResultsPositive has a history of guiding SAP ran organizations in their selection of testing tools. Our HP ExpertOne certified consultants are experienced with both SAP Test Automation technologies and support HP technologies, including:

- HP LoadRunner and Performance Center
- HP Quality Center and ALM
- HP UFT and SAP TAO
- SAP Solution Manager (SolMan)
- SAP TDMS
- Integration Standards with HP ALM and SAP SolMan

For information about our testing services, visit: <http://resultspositive.com/application-lifecycle/testing/>