Scapa® Test and Performance Platform

PEOPLESOFT®

The clear choice for capacity, stress, diagnostic, load and benchmark testing, bottleneck identification and monitoring for PeopleSoft applications.

Scapa Technologies

Unique **3 step process** provides fully automated test creation for quick and easy validation of the capacity, performance and scalability of PeopleSoft applications and environments including related Oracle® databases.

Business Challenge

Performance, scalability, capacity and continuity assurance are critical success factors in any business-critical application. If a system does not perform or cope with an increase in demand, there are significant impacts on ROI. It may also impact morale, service delivery and ultimately, the bottom line.

It is not uncommon for performance issues to delay IT deployments. A system may perform well when the number of concurrent users is small, but performance can deteriorate drastically with a modest increase in the number of users, even with hardware enhancements. A solution is needed to minimize, if not eliminate the risks.

Performance Assurance
PeopleSoft applications are so fundamental to internal and external business operations and growth, that their performance is now regarded as a critical element of corporate governance and, ultimately, an organization's success. For the end-user, the customer and for the business itself, the performance, scalability, capacity and continuity of an organization's PeopleSoft application(s) must be assured.

Minimizing Risks, Maximize Profit, Increase Growth
Poor system performance hinders productivity, business processes and financial growth. It also increases business costs and can cause revenue opportunities to be lost.

Forecasting System Capacity for Business Growth.
It is imperative that the planned system can cope, not only with current load and unexpected peaks of service, but can also expand with increases in user count, transaction rate etc... To be successful, an approach and tool are needed that will insulate your system from performance, capacity and continuity risks. In order to guarantee that customer expectations are maintained in line with business growth, the tool must allow you to predict how your system will cope with change.

The challenge is to invest in a solution that ensures capacity, scalability, performance and reliability are delivered, whilst minimizing cost and impact to delivery schedules.

Solution

Scapa Test and Performance Platform (Scapa TPP) is a fast and cost-effective test, monitoring and optimization platform that provides unrivaled visibility of system performance and user experience characteristics of PeopleSoft applications. The tool's simple **3 step process** - *Capture, Process, Go* - automates the creation of tests that replicate real-world business processes accurately, allowing tests of any complexity to be created in **minutes**.

Providing the most complete coverage of PeopleSoft environments, including highly complex and custom applications, Scapa TPP gives you the assurance that your solution is of the highest quality, is working at, and will continue to work at, peak efficiency every day, through continuous monitoring and testing.

Scapa TPP has been used successfully for some of the largest IT system deployments in the world, simulating user activity generating in excess of 100k transactions per day.

Insulate your PeopleSoft applications, databases and internet architecture from performance, capacity and reliability risks.

"IT is now a fundamental support of business activities - which means the greatest IT operations sins are an unpredictable user experience and a failure to reduce overall service delivery costs".
Forrester Research: Thomas Mendel, Ph.D., Jean-Pierre Garbani

Scapa Technologies provides an enterprise-scale test, monitoring and optimization tool that provides functionality to quickly and accurately assess the performance, scalability and reliability characteristics of PeopleSoft applications and internet architecture.

Web Traffic: HTTP/HTTPS •
Web services: HTTP/WSDL/SOAP •
GUI interfaces: Web Browser Automation (Capture/Replay) •

"Scapa TPP was instrumental in ensuring the success of our database migration project."
Chuck Hunt,Technology Architect, CTS Solutions, Cerner Corporation

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vmware technology alliance PARTNER   **bmcsoftware** TAP Validated   **CITRIX**   Microsoft. Small Business Specialist

Find the answers quickly and efficiently to business-critical questions with Scapa TPP:

- Can we predict user experience/performance levels accurately and continuously in line with business growth?
- How do we avoid extending release cycles, missing delivery schedules and increasing rework costs?
- Is it possible to guarantee optimum system performance and to avoid capacity and continuity risks?
- How can we ensure that our IT systems help us maximize profit, ROI and improve our competitiveness?
- How will our application / database / hardware migration project affect service levels?
- How can we keep upgrade project costs within budget and on target?

Business Benefits

Executives need better insight into the costs and risks associated with poor performance of IT systems. Scapa TPP is unparalleled in its ability to quickly identify bottlenecks and other issues affecting performance, scalability and reliability of PeopleSoft systems.

Scapa TPP testing brings many benefits. Testing will maximize ROI as well as future revenue opportunities.

Lower costs and avoid unexpected delays to maximize financial performance
Scapa TPP can identify problematic areas early - improving the quality of the system during development to reduce release cycles, speed time-to-production and minimize costly rework once the system is deployed.

Reduce risk by quantifying performance, scalability, capacity and reliability
Scapa TPP will reduce risks associated with performance, scalability, capacity and reliability by uncovering issues early so that remedial work can be planned.

Maximize profit, ROI and improve competitiveness
Scapa TPP will maximize business benefits by increasing the responsiveness of applications, optimizing the system through tuning and removal of bottlenecks, thus enhancing user productivity.

Assure the quality of PeopleSoft Applications
Scapa TPP's unique **3 step process - *Capture, Process, Go* -** uses real data to create tests that replicate real-world business processes. Scapa TPP will provide the information required for confident and smooth production rollouts.

Maintain continuity and service levels
With Scapa TPP, performance baselines are used to maintain ongoing performance and availability of the system in production.

Make smart, informed decisions with Scapa TPP

- Scalability
- Bottlenecks
- Capacity
- Migration
- HTTP Traffic

- Performance
- Availability
- Diagnostics
- Enhancements
- Provisioning

- Upgrades
- New applications
- Server consolidation
- Platforms
- Changes

Product Overview

Scapa TPP is a proven product, developed by Scapa Technologies and improved and used by many other software vendors, systems integrators and end-user organizations to simulate any number of users, to uncover and eliminate performance-related failures. Scapa TPP automates and simplifies test creation, even for complex and custom applications, to 3 simple steps - ***Capture, Process, Go***.

End-to-end Performance Benchmarking, Load and Stress Testing
Scapa TPP drives applications in the same way as real users. End-to-end metrics are correlated with server, web server and database metrics in order to identify issues across application, operating system, databases and network.

Problem Identification, Diagnosis and Correction
Scapa TPP's end-to-end testing and diagnostic capabilities expose bottlenecks, performance, capacity, scalability and reliability characteristics quickly and with unparalleled clarity, enabling users to identify the root cause of failures. With this knowledge, corrective action can be taken and validated with unparalleled efficiency.

Client-side Diagnostics
Full logging and validation of PeopleSoft system responses for each simulated user is achieved quickly and easily.

- **Web Traffic Integration:** HTTP/HTTPS for PIA (PeopleSoft Internet Architecture) deployments.
- **Full GUI Testing:** Real browser or PeopleTool automation.
- **Thin Client Testing:** For Virtual Machines (VMs), Citrix® or remote desktop client access simulation.

Server-side Diagnostics
Client-side monitoring gives a partial picture of the performance characteristics of the system. It is also necessary to monitor the system metrics from the server or servers (web, database etc.). In Scapa TPP, these metrics are correlated with client side metrics to reveal the big picture. This facility is supplied as standard - no add-on or server-side agent required.

Root Cause Diagnostics
With its unique dynamic control over load and real time user response and system statistics feedback, Scapa TPP provides the most complete visibility into your system, no matter how complex the set-up.

For more information, contact Scapa : www.scapatech.com | Contact@scapatech.com