- VMware® View™
- Citrix® XenDesktop™
- Microsoft® Remote Desktop Services®
- Ericom® PowerTerm® WebConnect
- Parallels® Desktop®
- 2X® Software 2X Client and many others...

Scapa® Test and Performance Platform

VDI

Replicate real users to easily identify bottlenecks and other pain points in your Virtual Desktop Infrastructure and measure user experience end-to-end, perform capacity planning and validate vendor claims for your application mix and workflow.

Scapa Technologies

Scapa TPP is a technology independent tool that has been used by many organizations worldwide across a broad-range of business verticals and a broader-range of physical and virtual architectures.

Insulate systems 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

Cisco Systems Inc.
"(We use) Scapa Test and Performance Platform (TPP) in multiple test areas of VXI (Virtual eXperience Infrastructure)...Scapa TPP was the only test tool we found that had the flexibility to script user behavior using any application and any GUI Automation scripting language... Scapa TPP was also the only test tool in the market that allowed us to measure user experience..."
ESA System Test Group,Cisco Systems Inc., March 2011

Business Challenge

Many organizations are today actively looking at refreshing their desktop estates. Server consolidation via virtualization and desktop virtualization is being considered as part of the refresh in order to regain some of the efficiencies of the mainframe era while retaining the productivity of the desktop environment, decreasing management costs and improving the efficiency of their desktop estate.

Successful refreshes or new deployments in VDI or even Cloud Computing environments require planning and a good, solid strategy. Testing should be part of that strategy to enable your business to maximize the benefits of the new system and to minimize risks.

Performance Assurance
Applications running on Virtual Desktop Infrastructures (VDIs) such as VMware® View™, Citrix® XenDesktop™ and Microsoft® Remote Desktop Services®, amongst many others are so fundamental to operations, business performance and growth, that their efficiency has come to the fore as a critical element of corporate governance. For the user, the customer and for the business itself, performance, scalability, capacity and continuity of the applications and their delivery methods (virtual or traditional desktop) must be assured.

Minimizing Risks and Maximize Profit
Poor system performance hinders productivity, business processes and financial performance - increasing business costs and forfeiting revenue opportunities.

Forecasting System Capacity for Business Growth
It is imperative that the new or refreshed system can cope, not only with current load and unexpected peaks of service, but can also expand with growth. To be successful, an approach and tool are needed that insulate your system from performance, capacity and continuity risks. The tool must be predictive, perform capacity planning and accurate user density sizing, in order to guarantee that customer expectations are maintained in line with business growth.

The challenge is to invest in a solution that can ensure 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, cost-effective and technology independent test and optimization platform for VDIs, including VDIs in public and private Clouds. Scapa TPP allows visibility of system performance and user experience characteristics and, through continuous live application performance monitoring and testing, Scapa TPP provides the assurance that your IT system:

- fits your organizational requirements, validating technology vendor claims
- works at optimum performance and peak efficiency during day-to-day operations.

Microsoft® Small Business Specialist

vmware® PARTNER TECHNOLOGY ALLIANCE

CITRIX®

With Scapa TPP risks are minimized, profits maximized.

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

- Can we predict 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 migration from traditional, physical to virtual desktops 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 business operational systems – Scapa TPP is unparalleled in its ability to provide accurate, end-to-end information regarding system performance, scalability and reliability, in order to support business-critical, decision-making activities. Scapa TPP testing brings many business benefits. Testing will maximize ROI as well as future revenue opportunities. Scapa TPP helps businesses succeed.

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. In addition, improvements in user satisfaction, productivity and efficiency and reductions in management costs - more users on the same system, applications delivered only when required – will improve your bottom line and save precious IT budget.

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. It will enable you to prove the system configuration before rollout to minimize risks, control load and analyse visually to see where the system breaks. Immediate test results promote quicker test cycles.

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. Scapa TPP makes your business more agile, speeding up decision making, system rollout, user migration.

Assure the quality of the Virtual Desktop Infrastructure

Scapa TPP will provide the information required for a confident and smooth production rollout. Testing server and storage systems are operating effectively and monitoring the continued network configuration are vital in delivering good performance. Scapa TPP has ensured and continues to ensure the performance of some of the largest VDI deployments across the globe.

Maintain continuity and service levels

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

Product Overview

Accurate Capacity Measurement

With Scapa TPP, you will ensure accurate sizing for your unique workload scenarios, working out user densities per server and discovering the available headroom.

Problem Identification, Diagnosis and Correction

Scapa TPP's end-to-end testing and diagnostic capabilities expose the bottlenecks, performance, capacity, scalability and reliability characteristics with unparalleled clarity, enabling users to identify the root cause of performance degradation. With this knowledge, corrective action can be implemented and validated with unrivalled efficiency.

End-to-end Performance Benchmarking, Genuine, Accurate Diagnostics and Load and Stress Testing

Scapa TPP drives applications in the same way as real users on any VDI and measures response times from the users' perspective. By replicating the users' experience for simulated workloads, Scapa TPP enables you to determine the reliability, performance and stability of your business-critical systems all the way from server to desktop.

Scapa TPP is the only tool that drives load inside the session at the server end, and also records performance information at the user desktop, which means that tests generate accurate, end-to-end performance data allowing you to pinpoint any current or potential issues.

Live Application Performance Monitoring

Scheduling tests to run, record and produce results periodically in Scapa TPP allows essential monitoring of application performance in a live system environment.

Technology Performance Comparisons

To enable performance comparisons, Scapa TPP can also drive traditional desktops and can connect via all desktop brokers, even those with custom authentication and security. Scapa TPP can automate virtual and remote desktops via the full range of portal and gateway technologies. It can also drive common server protocols such as Web, Database or Exchange for Server Consolidation Capacity Testing.