Manuals+ — User Manuals Simplified.

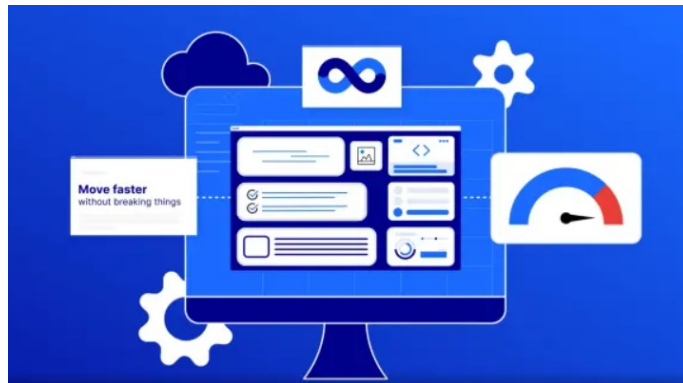# opentext SaaS Testing Software User Guide

Contents

opentext SaaS Testing Software

Specifications

- Product Name: SaaS Testing Tools
- Technology: Software as a Service (SaaS)
- Hosting: Cloud-based

- Provider: OpenText

Convenience
SaaS testing tools are accessible from anywhere, eliminating the need for installation and setup. Users can quickly start testing without extensive training.

Upgrades
Providers manage test infrastructure and servers, ensuring users have access to the latest features and upgrades without additional effort.

Flexibility
SaaS testing tools offer flexibility to adapt to changing testing needs without the hassle of installing new systems. They can scale instantly to accommodate varying testing demands.

Six Undeniable Advantages of SaaS Testing Tools
Today, software as a service (SaaS) technology delivers effective, flexible performance testing services hosted in the cloud. Discover the six advantages SaaS software testing offers compared to traditional testing tools.

"We are delighted with what we have already achieved with OpenText, and we look forward to further enhancing the efficiency, speed, visibility, and quality of our end-to-end application lifecycle management."

Simona Magale
Head of Information Technology Quality Assurance, Sky Italia

Software Quality and Testing Challenges
User expectations for applications have never been higher, while users' attention spans have never been lower. Your applications, web pages, software products, or services must perform how users expect—even under peak traffic.
The tricky part is that users also expect fast, frequent releases, meaning performance testing professionals and processes have to keep up. To pull it off, your organization needs an easy-to-use, SaaS performance engineering tool for faster testing that starts at the beginning of the development lifecycle.

Traditional Versus SaaS
Software testing used to rely on off-cloud tools that are hard to scale, have high upfront costs, need ongoing maintenance, and require expensive and complex upgrades.
With SaaS software testing solutions, you avoid all of the above. They help you evolve from siloed, rushed performance testing to performance engineering. N, ow anyone can test performance, no matter their location, skill level, or where the application is in the lifecycle.

Keep reading to explore the advantages SaaS testing tools have over traditional performance testing.

Six Advantages of SaaS Testing

For most organizations, SaaS testing is more convenient, flexible, affordable, better performing, and more efficient than traditional testing methods.

Convenience

- Because they are hosted in the cloud, SaaS testing tools are accessible from anywhere, making critical information instantly available to remote users. SaaS testing tools also relieve you of most installation, setup, and configuration tasks. With SaaS testing, the vendor delivers a fully functional product and remains responsible for the software, including upgrade and integration issues.
- Much of the hard work of implementing and managing an effective testing process is the responsibility of the SaaS testing provider, which makes it much more convenient than traditional testing methods.

Flexibility

- You're never locked into SaaS performance testing. If a tool isn't meeting your needs, you can try a different approach without installing a new system. For example, a cloud-based testing tool might feature an application programming interface that can import and export data between SaaS platforms.
- Plus, you can modify SaaS testing tools to support a wide range of testing demands. Because they're hosted on cloud-based servers, they can scale almost instantly without further hardware. In the traditional model, scaling means adding extra servers.

Affordability

- SaaS uses a pay-as-you-go pricing model, so you only pay for the tools when you need them. This makes SaaS testing tools much more affordable than traditional testing products, which require you to procure hardware, install and configure software, and pay for regular maintenance.
- With SaaS testing tools, you can also adjust resource use to match the workload. Scale them up during peak times and scale down when the workload reduces. The cost also scales with your needs, ensuring you always have the right testing capacity at a proportionate cost. With traditional testing tools, your capacities are set according to peak workload, leading to more hardware and software resources.

Efficiency

- SaaS testing tools are user-friendly and easy to integrate into business processes. And because SaaS testing software is always accessible, you can make modifications quickly.
- You don't even have to worry about a lengthy, expensive workflow overhaul. SaaS testing software easily integrates
- Performance Engineering with other cloud-based software or off-cloud systems. With minimal setup, your team will be up and running quickly. The provider manages the test infrastructure and server, so users don't need to be technical wizards or undergo lengthy training.

Upgrades
Under the traditional testing model, testing tools quickly became outdated. To maintain effectiveness, users had to source specialized services to upgrade their testing environment. This was a time-consuming process that left teams with older, less effective tools.

- Now, SaaS testing providers continually improve their software. Newly developed functionalities are available immediately with regular, automated platform upgrades, so the software always meets the changing needs of users and the market.

Accuracy

- Because they're based in the cloud, SaaS testing tools are perfect for testing within a cloud environment. SaaS allows you to host a testing instance close to where your cloud app is hosted. This capability helps minimize latency and network lag during the testing process and gives a more accurate representation of how your cloud application will perform in a real-world scenario. And, since SaaS is accessible from anywhere, you can test from different regions to know how your applications perform across various geographic locations.
- The cloud-based model also means that SaaS testing tools have access to vast amounts of always-on resources. The constant availability of cloud resources provides a reliable and stable environment for testing and functional,y— far beyond what most companies can provide in-house.

OpenText performance engineering SaaS Solutions

- OpenText™ offers multiple SaaS performance engineering solutions that offer all of the above advantages. OpenText performance engineering SaaS consists of OpenText™ Core Performance Engineering and OpenText™ Core.
- Enterprise Performance Engineering.

OpenText™ Core Performance Engineering

- Our cloud-based performance engineering solution makes it easy to plan, run, and scale performance tests without the need to deploy and manage infrastructure. Scale to more than five million virtual user tests with an elastic, cloud-based, and self-driving test lab that can quickly create load generators on demand. There's no test concurrency limit, so you can execute multiple tests at the same time. With a Virtual User Hours license for seasonal peak testing and a Virtual Users license for continuous testing, it's easy to scale your service to meet your testing needs.

"OpenText Core Performance Engineering (LoadRunner Cloud) allows us to do performance testing without having to create our physical infrastructure and set up a load generator."

Joe Inba
Head of Information Technology Quality Assurance, Sky Italia

Predictive analytics helps you understand your test results. **OpenText Core Performance Engineering** allows you to identify the performance profile of the application and decide how to solve any issues that could occur. Capture valuable metrics on how your application behaves under different virtual loads and compare benchmarks between older and current tests.

OpenText™ Core Enterprise Performance Engineering

- **OpenText Core Enterprise Performance Engineering** is an enterprise performance engineering solution that your team can access from anywhere in the world. With centralized resources and infrastructure, teams can perform tests and collaborate from any location, sharing data in real time. Centralization allows your team to share common infrastructure and assets, enabling you to execute multiple performance tests concurrently.
- **OpenText Core Enterprise Performance Engineering** also helps you leverage public cloud infrastructure and deploy load generators to scale your service according to your testing workload. You can control costs by scaling up tests elastically to meet demand, eliminating the management costs of dedicated machines. Cloud-based load generators are a built-in feature of OpenText Core Enterprise Performance Engineering that reduces provisioning time.
- Both solutions integrate with various continuous integration application performance monitoring systems, making it easy for developers and testers to use.
  Other key features include the use of machine learning to identify unusual application behavior. Additionally, it can simulate multiple geographic locations and network connection rates for more accurate testing. With these tools, streamlining your move to the cloud is easier than ever.

Make the Move to SaaS
For many users, traditional testing software isn't enough to keep up with the user demand for frequent releases of high-performing applications. SaaS testing tools offer the convenience, cost-effectiveness, flexibility, efficiency, and functionality you need to practice performance engineering. The result? You get faster performance testing earlier in the development lifecycle. And your customers get high-performing applications that keep them coming back.

- Visit the OpenText performance engineering web page to learn more about SaaS testing tools.
- Learn more at **www.opentext.com**

Frequently Asked Questions

Q: Can SaaS testing tools be accessed remotely?
A: Yes, SaaS testing tools are cloud-based and can be accessed from anywhere, providing instant availability to remote users.
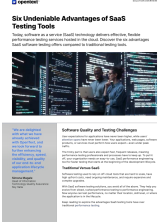
Q: How are upgrades handled with SaaS testing tools?
A: Providers manage upgrades and integration issues, ensuring users receive the latest features without manual intervention.

Q: Is it possible to switch between different SaaS testing tools?
A: Yes, users can explore different SaaS testing tools easily without the need for installing new systems, offering flexibility in testing approaches.

Documents / Resources

opentext SaaS Testing Software [pdf] User Guide
SaaS Testing Software, Testing Software, Software

References

- **User Manual**