Eight myths about OpenText performance engineering solutions

This guide sets the record straight and highlights the benefits of OpenText performance engineering solutions

Contents

You've invested in OpenText performance engineering solutions to deliver high-performing applications.

Do you have all the facts?

More than 25 years ago, we entered the performance engineering world with what you now know as the OpenText™ performance engineering solutions. We have been innovating performance testing ever since and continue to be an industry leader.

With increasing industry pressure to rapidly release software, we launched an enterprise solution, followed by extending the OpenText performance engineering solutions to deliver a cloud solution.

We've received a lot of positive feedback on the OpenText performance engineering solutions, but there are numerous negative claims that are simply not true.

This ebook outlines eight common myths and shines a light on recent innovations you should bear in mind when using or considering OpenText performance engineering solutions.
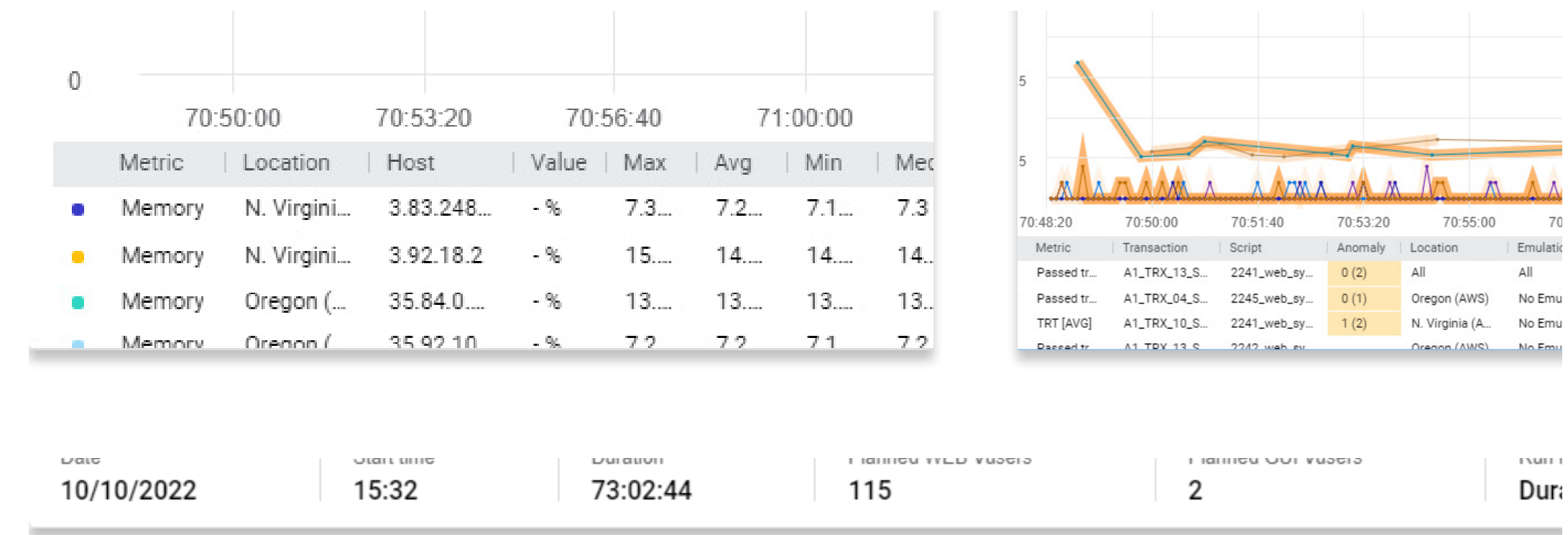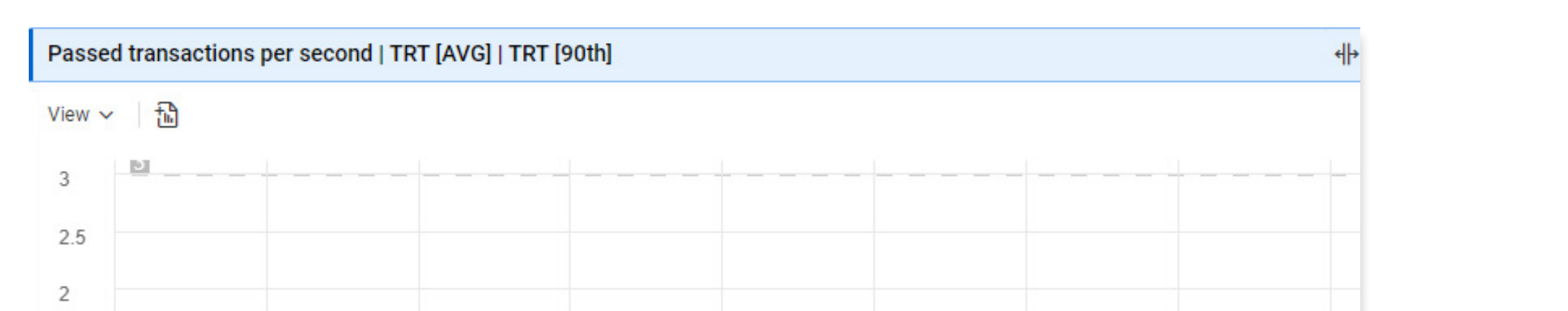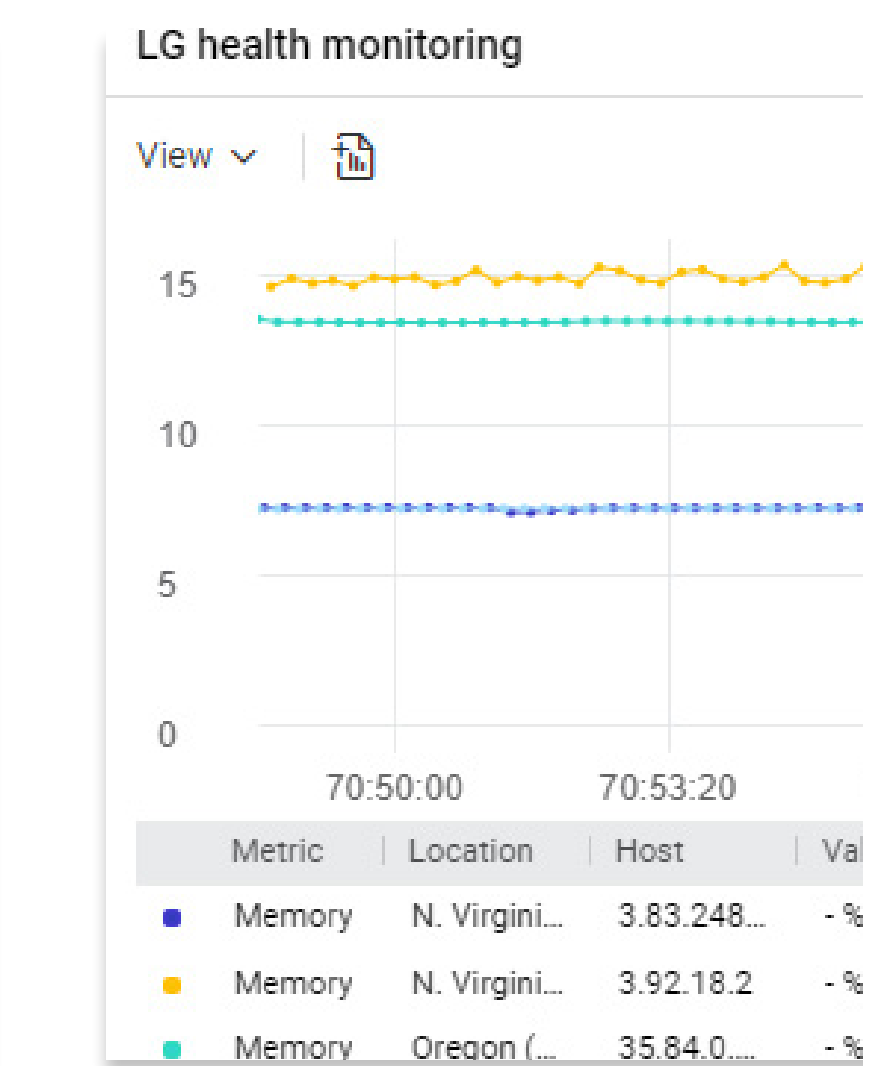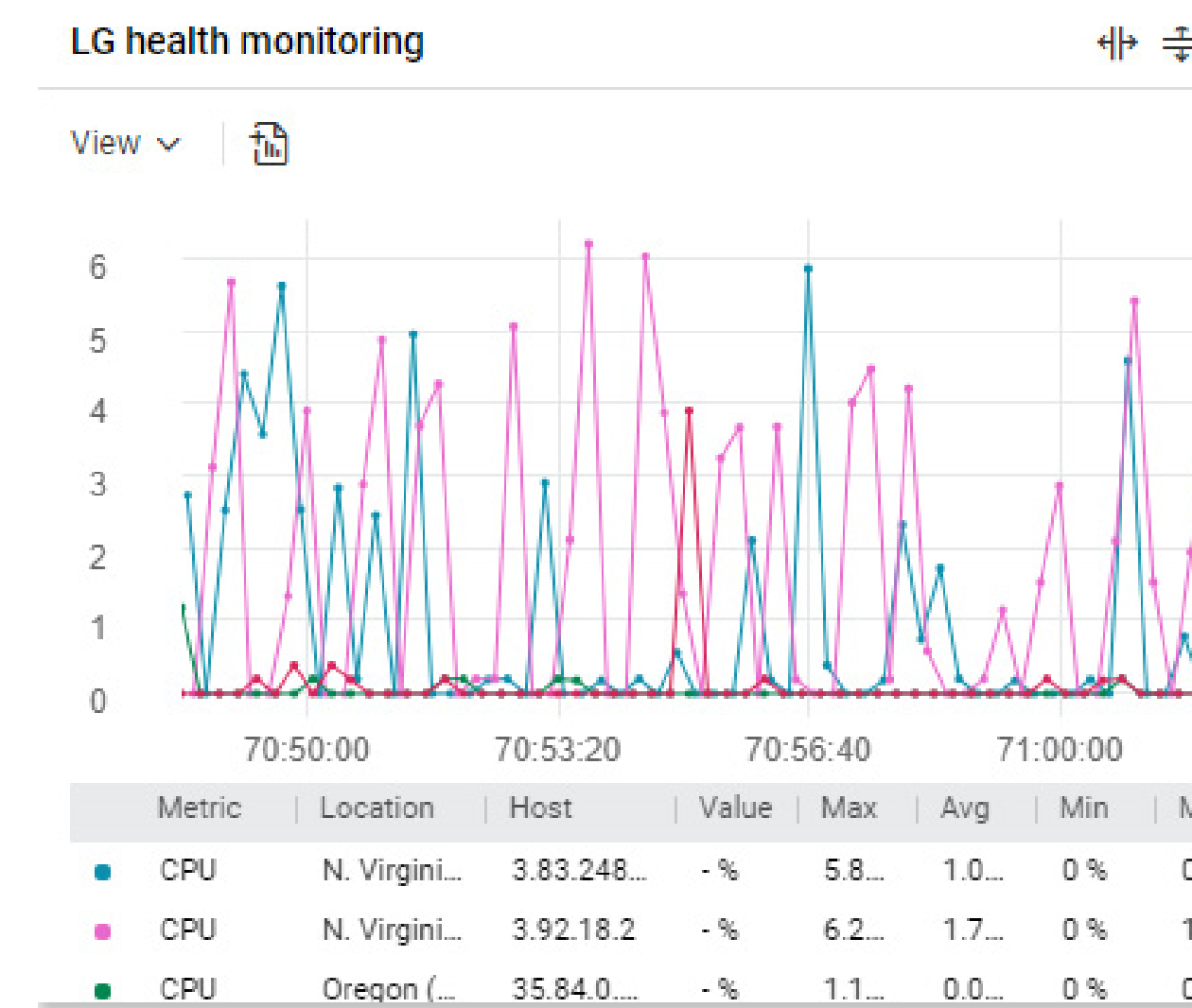
OpenText performance engineering solutions myths

Myth 1

Scripting is complicated with OpenText performance engineering solutions ›

Myth 2

OpenText performance engineering solutions do not fully integrate with continuous testing ›

Myth 3

It takes too long to set up a test with OpenText performance engineering solutions ›

Myth 4

OpenText performance engineering solutions are not 100-percent open source compatible ›

Myth 5

OpenText performance engineering testing tools are not suited for every team member ›

Myth 6

OpenText performance engineering solutions are difficult to scale ›

Myth 7

OpenText performance engineering solutions do not have comprehensive analytics ›

Myth 8

OpenText performance engineering solutions are outdated ›

Myth 1

Scripting is complicated with OpenText performance engineering solutions.

Fact

Scripting is a core focus of our performance testing solutions.

Scripts help your users simulate a business process and how real users will interact with the application they are testing. Over the years, we've created new protocols to make scripting simpler, easier to maintain, and generally faster. Our online editor records your actions as you navigate through your business process, creating a script in real time, allowing you to see the steps you complete in a sidebar.

With VuGen, (Virtual User Generator), you can easily create, record, correlate, replay, and enhance scripts for more effective load testing. VuGen assets are reusable with all OpenText performance engineering solutions, which minimizes script and scenario duplication.

When creating DevWeb scripts (which are pure JavaScript), you can record, script, and execute load tests in your favorite IDE as part of the continuous testing process.

Reduce scripting time and gain simple, intuitive control of your scripts using the JavaScript SDK. The ability for native string

manipulation and asynchronous pattern handling lets you reuse code from the application.

The DevWeb script can then be shared and run natively on any OpenText performance engineering solution. DevWeb connects all project stakeholders at different testing stages to the continuous performance testing process.
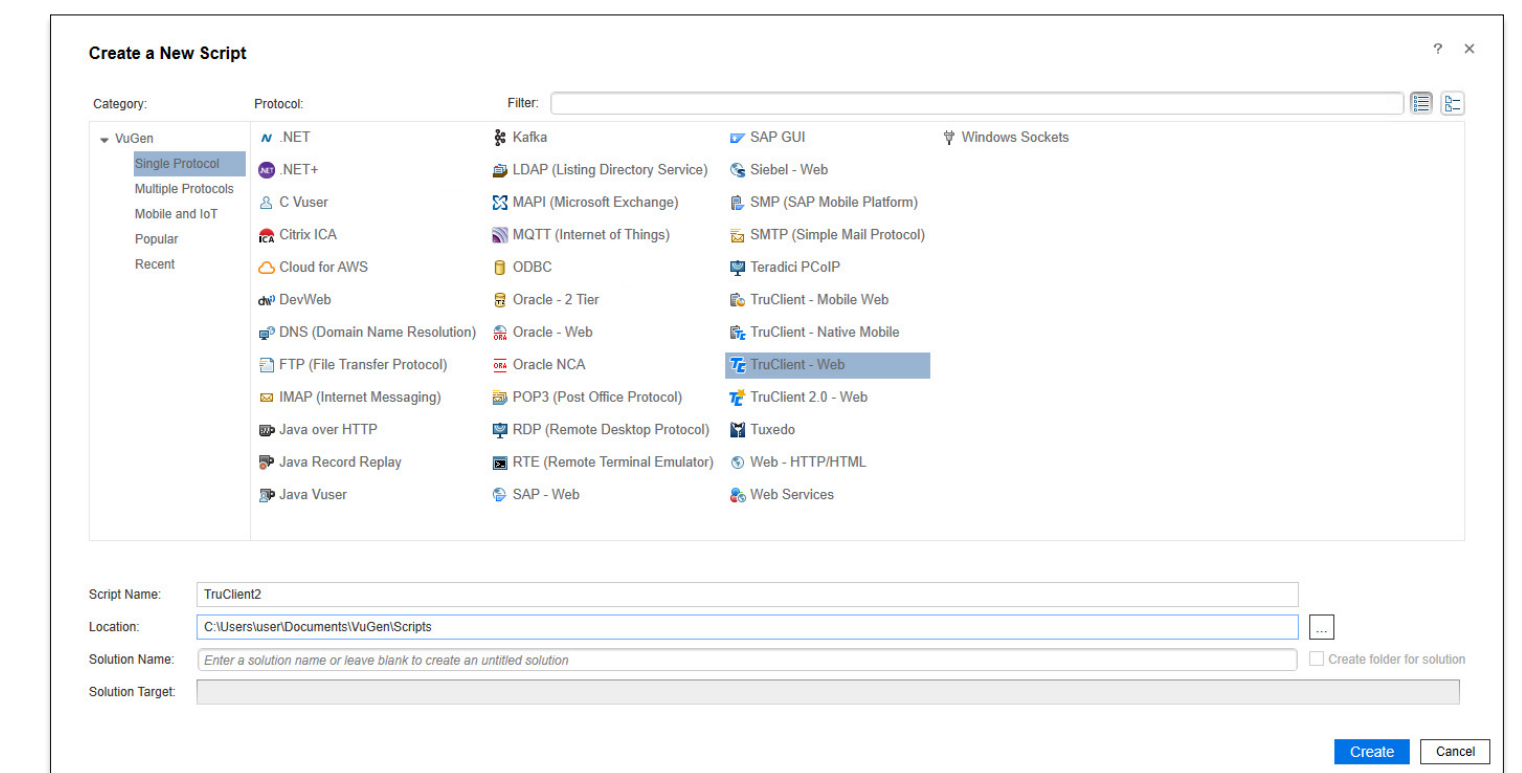
Create a script with VuGen

Learn how Ntrance saves one month per testing cycle by simplifying test script creation, management, execution, and monitoring.

Read the case study ›

Learn how you can replay a VuGen script using the MDRV process.

Watch the video ›

Learn more about using VuGen.

Get more information ›

Myth 2

OpenText performance engineering solutions do not fully integrate with continuous testing.

> "OpenText Professional Performance Engineering was the only solution on the market that could cater to our technical requirements—and even though we've evaluated other solutions since, OpenText Professional Performance Engineering remains the clear leader."
>
> Aditya Kattamuri
> Assistant Manager, ITSM Test & QA
> Discount Tire

> "OpenText Professional Performance Engineering (LoadRunner Professional) gave us a robust performance testing framework with industry-leading, in-built capabilities. We found we could enter all our client activity, merge our interactions into one master performance testing scenario, and replicate from there."
>
> Pranay Agarwal
> SRE & Performance Lead
> PointsBet Australia

Fact
OpenText performance engineering solutions extensive integrations enable continuous testing.

User experience plays a significant role during short development cycles, frequent releases, and changing market needs. You need quality standards throughout the SDLC. Continuous testing and performance engineering enable users to build all the necessary performance metrics from the initial design.

We've been working with our customers to include performance testing as part of their pipelines. Broadening the integration of performance into the CI/CD process helps you balance and prioritize responsibilities across developers, testers, and performance engineers. However, integrating with today's complex toolchains and getting developers involved in the process isn't a simple feat. You need an open approach that brings together and enhances the technologies DevOps and Agile teams need to test their way.

OpenText performance engineering solutions have dozens of built-in integrations across IDE, CI/CD, open source, monitoring, and source-code management tools:

- **IDE integrations:** Eclipse, IntelliJ, Visual Studio.
- **CI/CD integrations:** AWS CodePipeline, Azure DevOps, Bamboo, GitHub Actions, Jenkins, Team City.
- **Open source integrations:** Gatling, JMeter, JUnit, NUnit, Selenium.
- **Monitoring integrations:** AppDynamics, Amazon CloudWatch, Azure Application Insights, Broadcom APM, Datadog, and more.
- **SCM integrations:** Git and GitHub.

OpenText performance engineering solutions embrace an open approach to your broader ecosystem with extensive integrations to enable continuous testing. Additionally, our products are now open by exposing REST APIs so that tests can be executed from any solution.

Learn how PointsBet enables continuous development and through GitHub integration.

Read the case study ›

Extensive integrations enable continuous testing.

OpenText	Monitoring	CI/CD	Containers
OpenText™ Software Delivery Management	AppDynamics	Jenkins	Docker
OpenText™ Application Quality Management	Dynatrace	Bamboo	Kubernetes
OpenText™ Functional Testing	New Relic	TeamCity	EKSAKS
OpenText™ Functional Testing Lab for Mobile and Web	Splunk	Azure DevOps - TFS	
Silk Performer	Broadcom APM	AWS CodePipeline	
Silk Test	Datadog	GitHub Actions	
RUM	Prometheus		
SiteScope	Azure Application Insights		
OpenText™ Core Software Delivery Platform	Amazon CloudWatch		

Open Source Test Automation	Cloud Providers	Source Code Management	Data Visualization	IDES
Gatling	Amazon Web Services (AWS)	Git	Grafana	Visual Studio
JMeter	Microsoft Azure	GitHub	InfluxDB	Eclipse
JUnit	Google Cloud Platform			IntelliJ
NUnit	DigitalOcean			VSCode
Selenium				

*Marks are proprietary of their respective owners. Not all integrations are supported across all products.

Myth 3

It takes too long to set up a test with OpenText performance engineering solutions.

Fact
OpenText performance engineering solutions offer flexible options to enable quick testing.

Set up and run tests in minutes with a 100-percent cloud-based solution that eliminates infrastructure management. OpenText Core Performance Engineering (LoadRunner Cloud) automatically creates tests on demand.

Seamlessly leverage public cloud infrastructure to deploy load generators (LGs). Scale up and down based on your performance testing needs.

With cloud testing, you can quickly and elastically scale up tests to meet the demands of your customer-facing business applications, reducing the cost and overhead of managing dedicated machines.

You can also build a collaborative environment and share a common infrastructure. Execute multiple performance tests concurrently and continuously and share all relevant assets to test more quickly and deliver faster results.

Plugins for continuous integration provide a mechanism for executing performance tests as part of a build. Additionally, users can synchronize tests from YAML files saved in a Git repository and create tests from YAML input, allowing them to run tests quickly.

OpenText Core Performance Engineering

Learn how Endress+Hauser InfoServe gained more effective team collaboration and greater user satisfaction.

What is load testing?

Read the case study ›

View the web page ›

Myth 4

OpenText performance engineering solutions are not 100-percent open source compatible.

> "Our DevOps initiatives, leveraging Micro Focus (now OpenText) automated testing solutions, are helping us be more innovative and much more responsive to evolving customer requirements. We deliver new applications and updates faster, with fewer errors, and at lower cost."
>
> Senior Testing Engineer
> Large UK Financial Services Company

Fact
OpenText performance engineering solutions support common open source tools.

JMeter, Gatling, Selenium, JUnit, and NUnit script reuse are all open source tools that OpenText performance engineering solutions support. You can execute the scripts these tools generate without converting or adjusting them. We want our users to bring existing assets, such as functional scripts, and reuse them in a performance test to save time.

OpenText performance engineering solutions embrace different testing tools for scripting, complemented by advanced execution and analytics capabilities.

Automation support improves coverage and allows test teams to work with tools they are familiar with. OpenText performance engineering solutions support many common open source solutions. They not only work in conjunction with open source tools but also enhance them. OpenText performance engineering solutions help speed up test efforts by maximizing these resources and reusing assets.

Open source tools supported in OpenText performance engineering.

Learn more about the benefits of using OpenText performance engineering solutions with open source tools.

Read the case study ›

Learn how to integrate open source and commercial tools into your DevOps pipeline.

Read the ebook ›

Myth 5

OpenText performance engineering solutions testing tools are not suited for every team member.
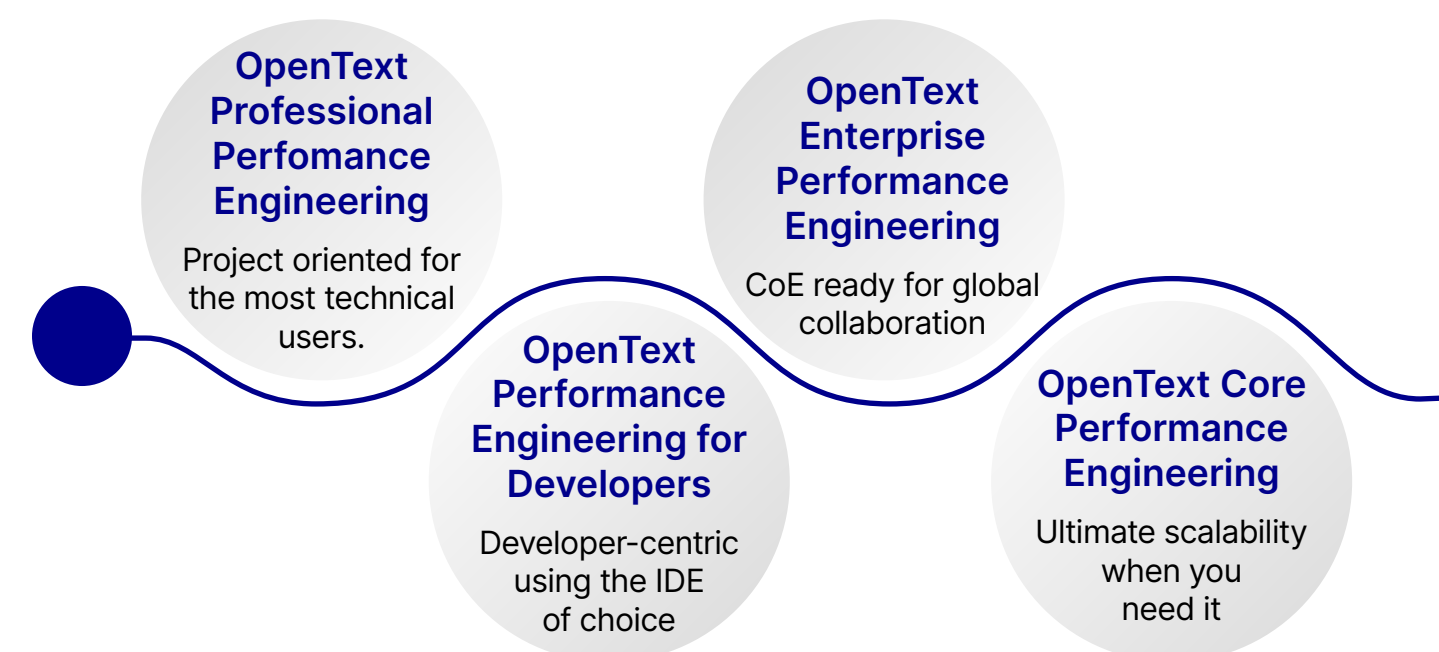
Fact
Developers, QA, testers, and performance engineers can easily use OpenText performance engineering tools.

OpenText performance engineering solutions are for every team member, expanding performance testing to new roles. They offer different user interfaces and tools to involve different personas in performance testing efforts.

In fact, these tools break down silos and enable teams to collaborate closely. Using OpenText performance engineering solutions, anyone can reuse assets and share comprehensive real-time analytics, keeping everyone connected.

OpenText performance engineering solutions include OpenText Performance Engineering for Developers, TruClient for less experienced scripters, VuGen for performance engineers, OpenText Professional Perfomance Engineering for co-located teams, OpenText Enterprise Performance Engineering for distributed teams,and OpenText Core Performance Engineering, which facilitates cloud testing.

OpenText performance engineering solutions

OpenText Professional Perfomance Engineering
Project oriented for the most technical users.

OpenText Performance Engineering for Developers
Developer-centric using the IDE of choice

OpenText Enterprise Performance Engineering
CoE ready for global collaboration

OpenText Core Performance Engineering
Ultimate scalability when you need it

All products have features and capabilities that enable different personas to use the tools and their skills.

Performance engineering teams work together from start to finish:

- Developers script, model scenarios, run tests, and quickly analyze the results—without leaving their usual developer ecosystem.

- Developers and dev testers engage in performance engineering earlier. This involvement provides the early feedback needed to deliver applications faster, with less risk and higher quality.

- Engineers and testers share resources and results in real time, such as advanced scheduling, simulation of real-world scenarios, superior execution, network emulation from different geographic locations, and more detailed analytics that help isolate and identify performance issues before release.

Learn how performance engineering enables DevOps.

Learn how to leverage shift-left testing into your performance engineering with OpenText performance engineering solutions.

Read the ebook ›

Read the ebook ›

Myth 6

OpenText performance engineering solutions are difficult to scale.

> "As part of our Performance Engineering testing, we went as high as 50,000 concurrent users, so we have now moved some of our bigger test suites onto OpenText Core Performance Engineering (LoadRunner Cloud)."

Vivek Koul
Performance Engineering Manager
McGraw-Hill

> "OpenText Core Enterprise Performance Engineering (LoadRunner Enterprise SaaS) works well for us because of its flexibility. We could start with a limited number of users and expand as needed. There's no big capital expense, and we can charge services back to the bottlers."

Andrei Semenov
Senior Manager PMO and Enablement
CONA Services, LLC

Fact

OpenText performance engineering solutions deliver a flexible and scalable approach to infrastructure, licensing, and workloads.

OpenText Core Performance Engineering is designed to handle massive scale. No additional hardware required. Test applications with more than five million virtual users from geographic locations around the world—all in a matter of minutes.
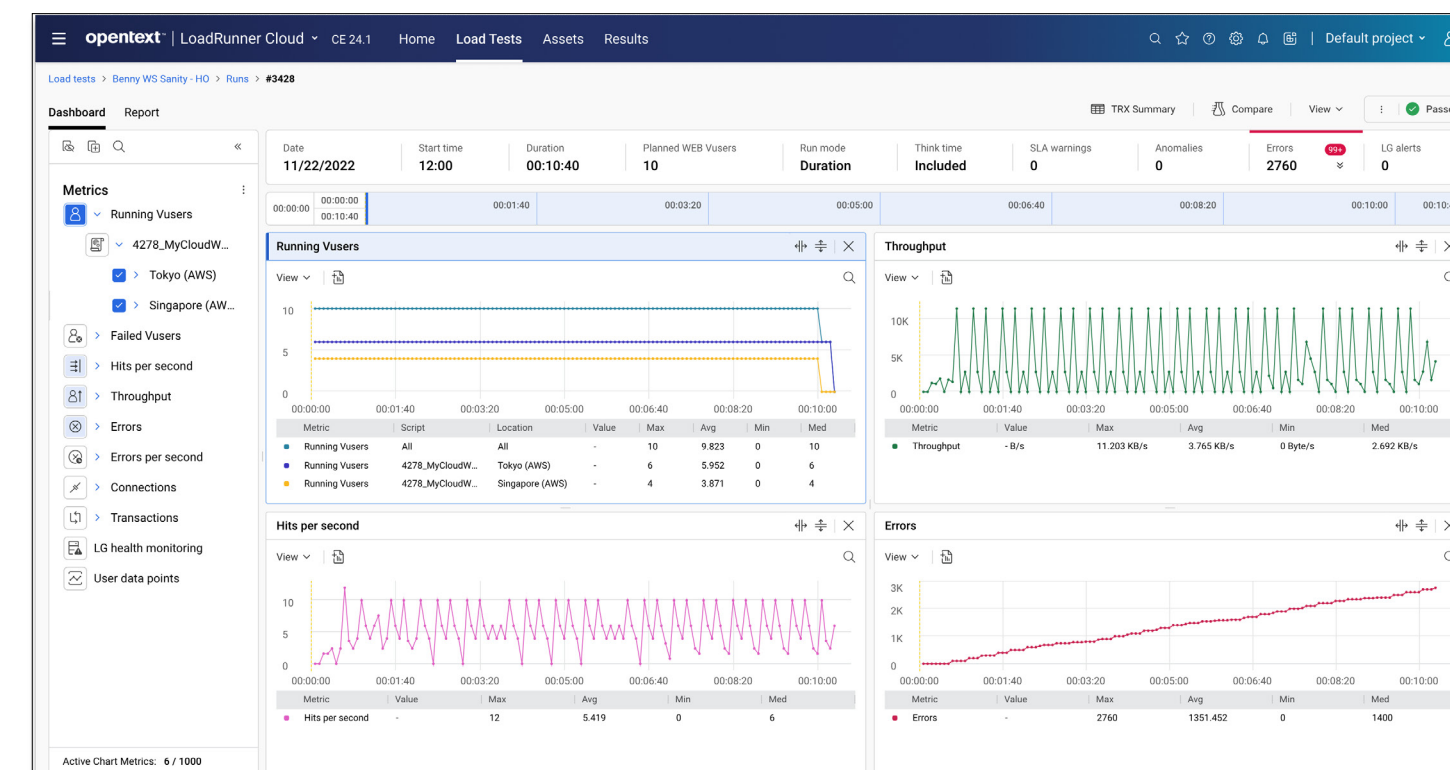
OpenText Core Performance Engineering

When using OpenText performance engineering solutions, you pick the deployment option that works best for you and minimize infrastructure needs with options spanning on-premises, Docker containers, Software as a Service (SaaS), or load generators provisioned in the cloud.

If you have a subscription with public cloud providers (Amazon Web Services, Google Cloud Platform, or Microsoft Azure), OpenText Enterprise Performance Engineering offers these options as well. You can dynamically provision hosts on demand without having to manage complex infrastructures.

Load generator flexibility across all OpenText performance engineering solutions helps you to scale. Several capabilities—including OneLG, a combined installer for on-premises load generators—helps you flexibly scale up or down without a lot of extra work.

Coke One North America (CONA) scales users and loads without service interruption.

Read the case study ›

Think beyond Black Friday! Be ready for anything, anytime, and anywhere.

Read the ebook ›

Interested in moving to the cloud?

Read the ebook ›

Myth 7

OpenText performance engineering solutions do not have comprehensive analytics.

> —
>
> **"With OpenText Enterprise Performance Engineering (LoadRunner Enteprise), we run tests much faster than before and have introduced a change-driven approach, where we test what we need, reducing engineering time. We arrive in the morning to comprehensive test reports and can quickly determine the success of our testing efforts."**
>
> Colin Griffiths
> Performance Engineering Manager
> Sky

Fact

Your teams can leverage automated and graphical analysis to help isolate the root cause and use data visualization to make smarter decisions.

OpenText performance engineering solutions empower your teams with data visualization capabilities, enabling them to view data, manipulate it, and then make the right decision.

Automated and graphical analysis can significantly reduce the time you spend analyzing data. Ultimately, you want to identify problems faster and use predictive analytics to help understand anomalies and problems in real time. Easily interpret the test results to identify the performance profile of the application, and then determine the mitigation options with intuitive analytics.

During the graphical analysis process, you can:

- Capture valuable metrics on how the application behaves under different virtual user loads.

- Compare multiple metrics from both the same and old tests runs.

- Compare existing test run to a benchmark.

- Get real-time results and enhanced data visualization with Grafana and InfluxDB.

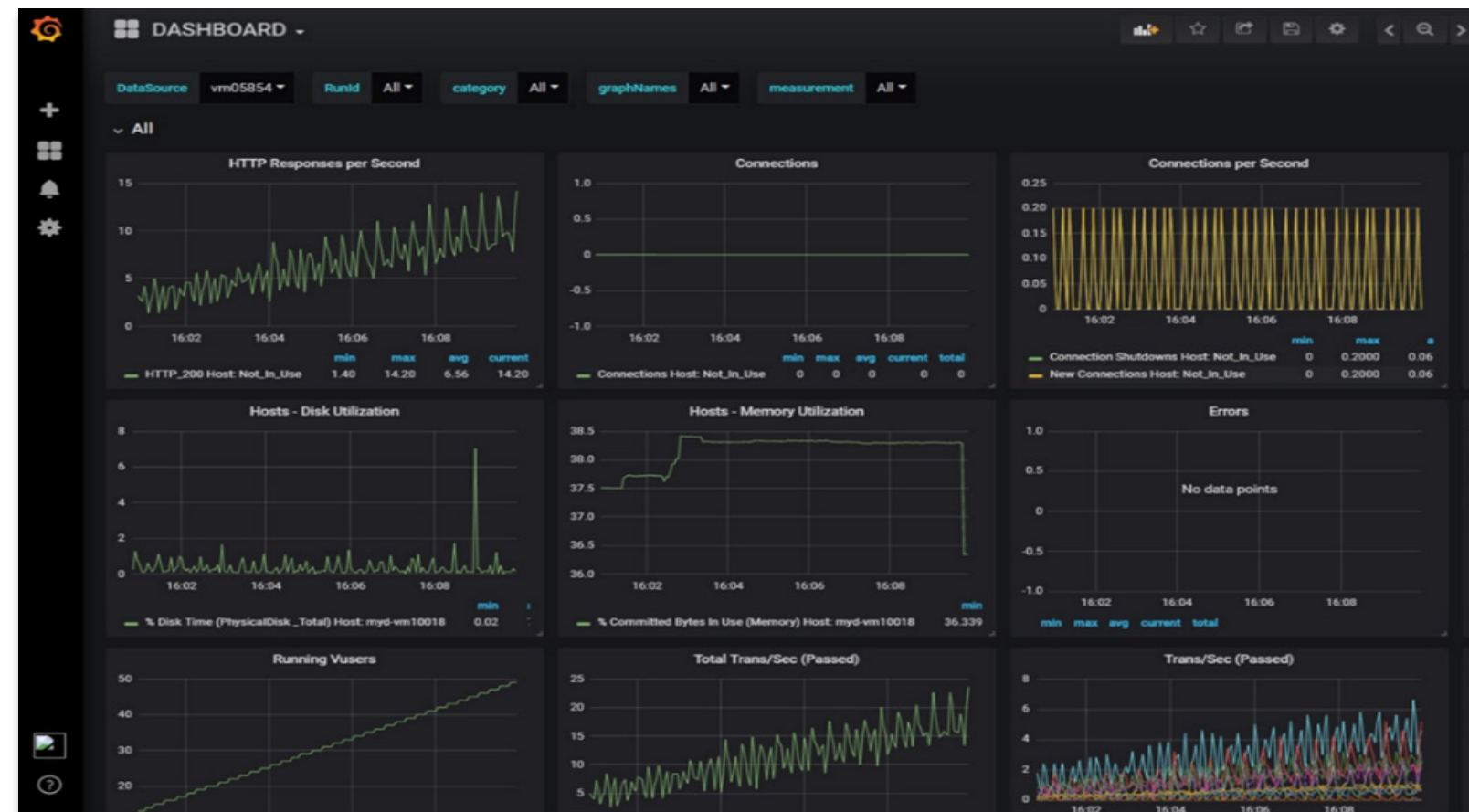**Sky achieved 95% automated end-to-end performance testing.**

Read the case study ›

Did you know that OpenText performance engineering solutions offer visibility into the test status across the entire enterprise? They also provide performance trending information across multiple tests. You can define a baseline and set up reports. These capabilities help you quickly see how the application performance trends over subsequent iterations and performs against defined SLAs. With detailed root cause analysis, users can get test data displayed both in real time and offline. The online and offline analysis capabilities aid in trending and anomaly detection.
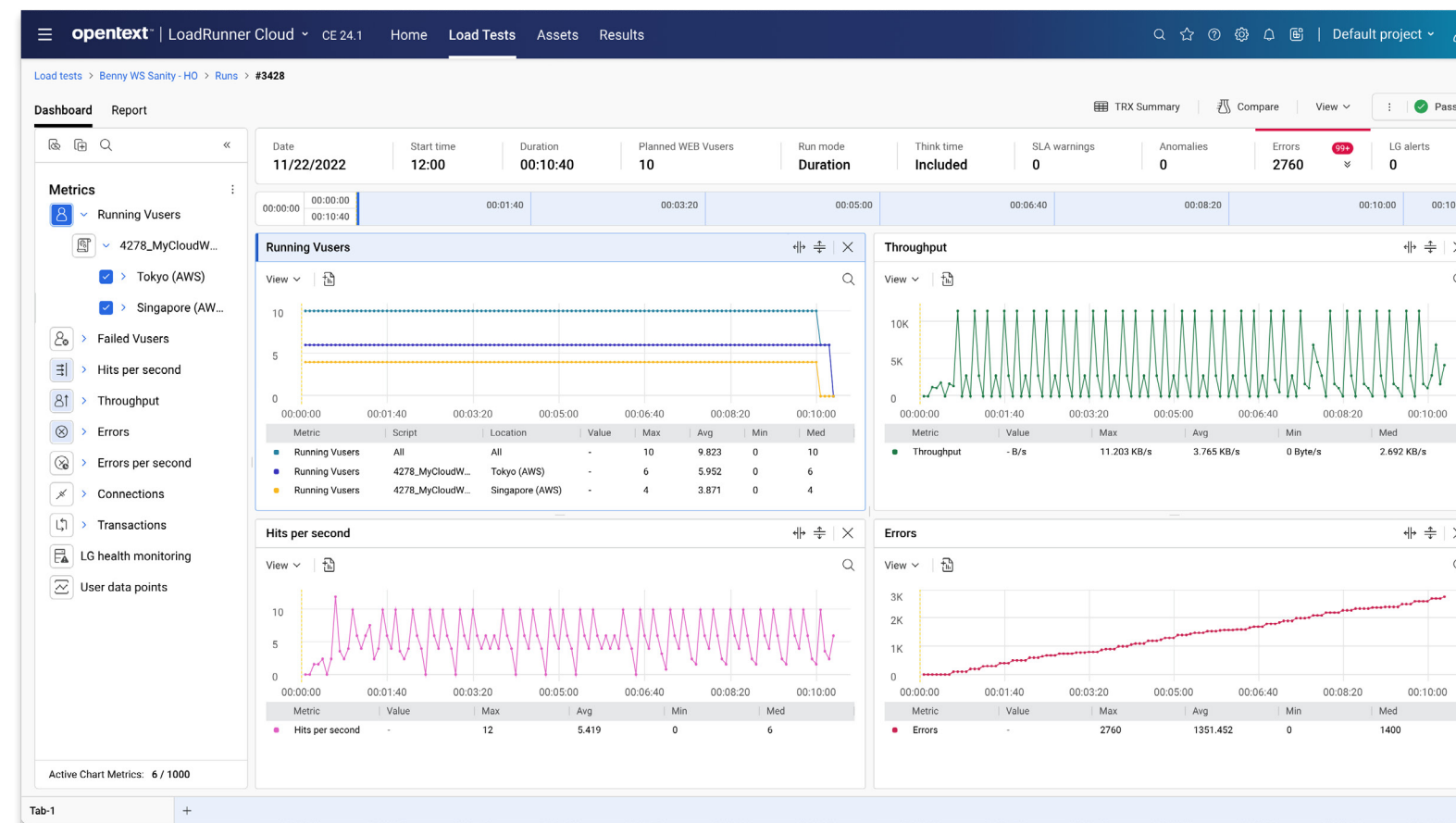
Comprehensive analytics allow you to:

- Compare the current run with a previous run or to the test benchmark.

- View network breakdown metrics and transaction summaries.

- Create different dashboard layouts for different stakeholders who may access the test.

- Create a convenient configuration of your graphs based on your own needs.

- Overall, manage data better and organize metrics for easier manipulation.
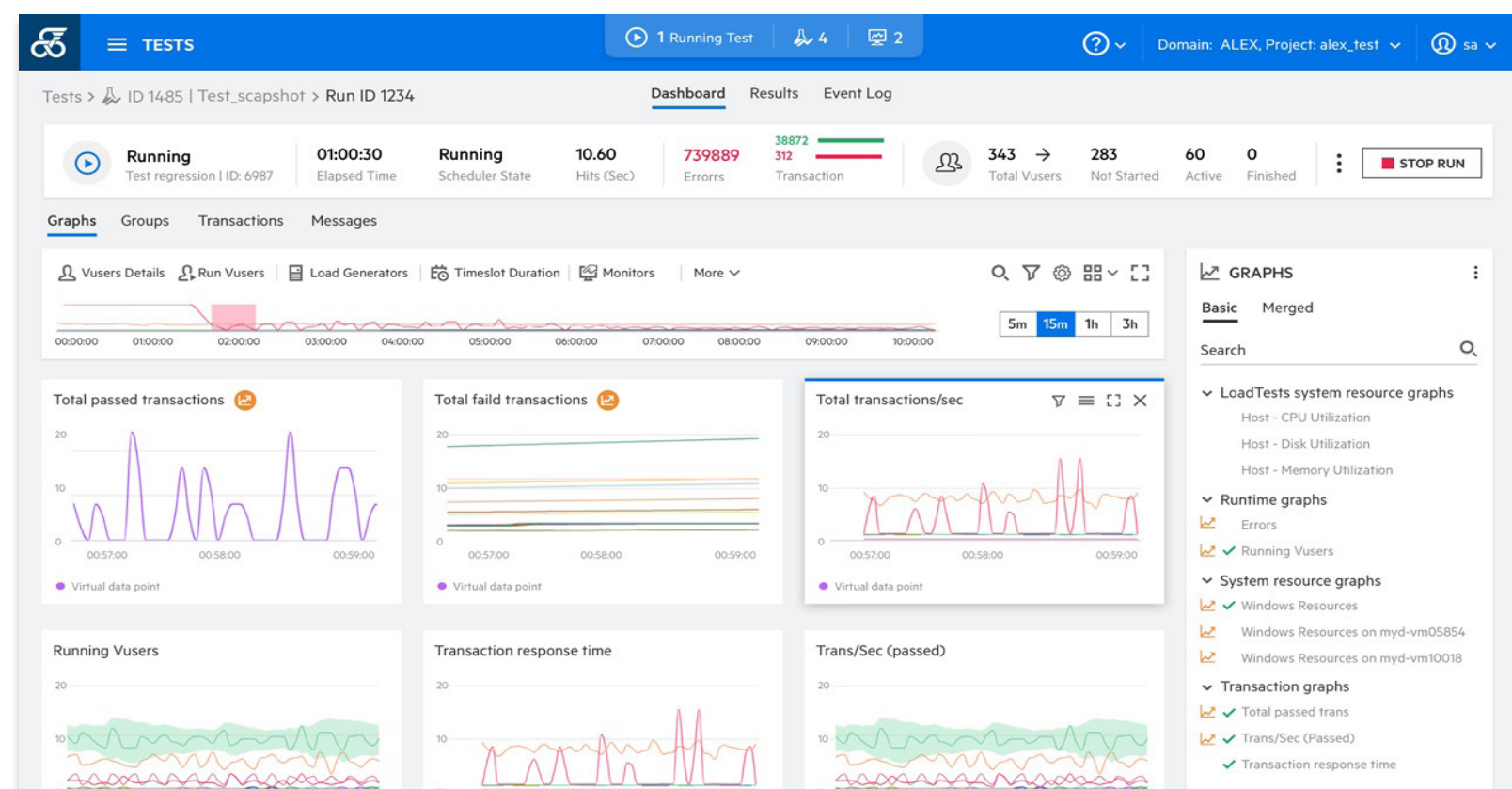
Comprehensive analytics and data visualization across OpenText performance engineering solutions.
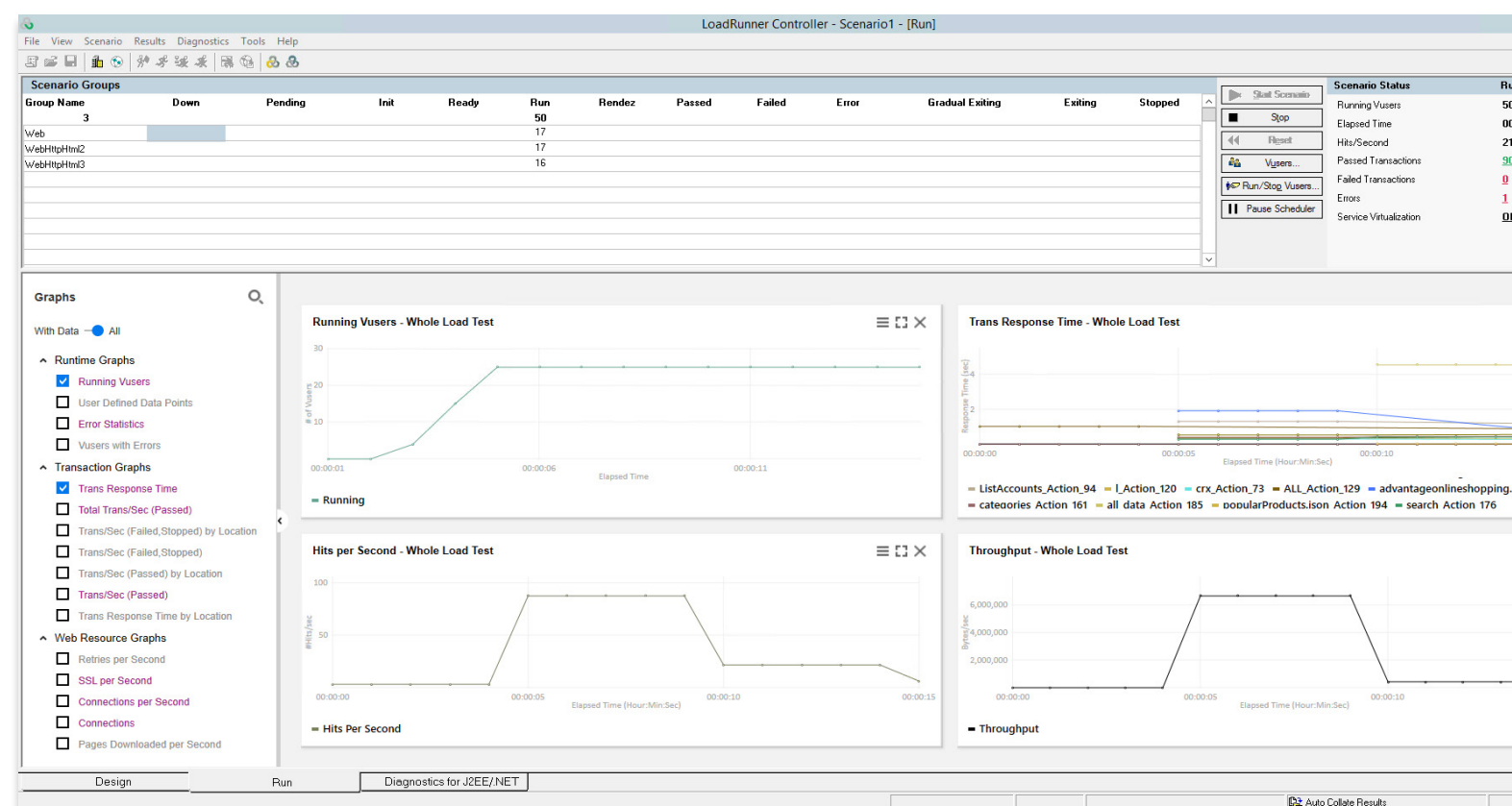

Comprehensive analytics—Grafana reporting

OpenText Core Performance Engineering dashboard

OpenText Enterprise Performance Engineering dashboard

OpenText Professional Performance Engineering controller

Myth 8

OpenText performance engineering solutions are outdated.

Fact
OpenText performance engineering solutions continue to innovate with regular releases.

To ensure that all solutions are up to your expectations, we continually enhance OpenText peformance engineering solutions. Our 100-percent cloud solution brings new capabilities to market every nine weeks, while our on-premises and collaborative solutions offer enhancements on a quarterly basis.

Recent innovations include a streamlined architecture and modernized controller for ease of use, an improved user experience for VuGen, and additional analysis reports. Continual enhancements improve scripting from TruClient browser updates and client-side measurements to DevWeb enhancements.

OpenText performance engineering solutions do not just deliver a load testing solution, they also deliver a complete performance engineering solution. Continued innovation and expanded integration through consistent releases ensure our support for third-party and open source tools stay updated. These ongoing features and enhancements, as well as an open architecture, allows OpenText performance engineering solutions to evolve.

We hope this ebook has helped clear up any myths about OpenText performance engineering solutions being outdated. Meet the needs of your DevOps teams by integrating with CI/CD pipeline engines, IDE tools for shift-left testing, APM, and support for open source tools.

OpenText Performance Engineering solutions

Network	Oracle E-business	SAP	Mobile and IoT	Templates
DNS	DevWeb	SAP GUI	MQTT	C Vuser
FTP	JMeter	SAP–Web	CoAP	C++ .NET
IMAP	Gatling	SMP–(SAP Mobile Platform)	SMP–(SAP Mobile Platform)	C# .NET
LDAP	Oracle NCA		TruClient–Mobile	Java Vuser
MAPI	Oracle–Web		JMeter	VB.Net
POP3	Siebel–Web		Gatling	
Tuxedo	Web–HTTP/HTML		Web–HTTP/HTML	
Winsock			DevWeb	

GUI	SOA	Database	Java	Development
OpenText™ Functional Testing	UFT API Web Services	ODBC	Java Record Replay	SDK
		Oracle-2 Tier	Java over HTTP	Unit Test–NUnit, JUnit Selenium,
			Kafka	OpenText™ Functional Testing for Developers
			Cloud for AWS	
			Finance ISO	

Rich Internet Applications	.NET Record & Replay	Remote Access	Remote Desktop	
Selenium	Microsoft .NET	Citrix	Microsoft RDP (Remote Desktop Protocol)	
TruClient–Mobile Web	.NET+	RTE		
TruClient–Web		PCoIP		

*Not all protocols are supported across all products.

What's new in OpenText performance engineering solutions.

View the lookbook ›

Now that you have a better understanding of OpenText performance engineering solutions innovations, let us help you adopt the latest version or move to the cloud.

Take advantage of recent enhancements that enable smarter insights and tighter collaboration. OpenText performance engineering solutions also help your organization build a performance engineering practice that scales.

Feel free to share this with colleagues who need help separating fact from fiction when it comes to performance engineering solutions.

Interested in learning more about the OpenText performance engineering solutions?

Explore the benefits and capabilities ›

Read about the latest innovations ›

Get help with your OpenText performance engineering solution ›

Select a trial or request a demo ›

About OpenText

OpenText, The Information Company, enables organizations to gain insight through market leading information management solutions, on premises or in the cloud. For more information about OpenText (NASDAQ: OTEX, TSX: OTEX) visit opentext.com.

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