NeoLoad

Continuous Performance Testing Platform
Automate API and Application Performance Testing

NeoLoad provides testers and developers automatic test design and maintenance, the most realistic simulation of user behavior, fast root cause analysis and built-in integrations with the entire SDLC toolchain. Teams can reuse and share test assets and results from functional testing tools – and, analytics and metrics from APM tools – with NeoLoad's plugins.

Test the range of mobile, web and desktop applications with NeoLoad's full tech stack support. Automate performance test design, maintenance and runtime within CI pipelines to catch performance issues early.

Automate API testing within CI pipelines
Design, maintain and run performance tests and analyze results within continuous integration pipelines.

### Accelerate end-to-end application testing
Create test scripts quickly for large, complex applications using a graphical user interface without the complexity of scripting new and updated tests.

Find performance bottlenecks quickly
Compare SLAs to server-level statistics to determine how an application is performing. See overall analysis of behavior or an in-depth analysis of the data flow to a particular user path.

### Manage across the Enterprise
Collaborate across dev, QA, operations and business teams to define SLAs and review results. Share test assets and manage test infrastructure.
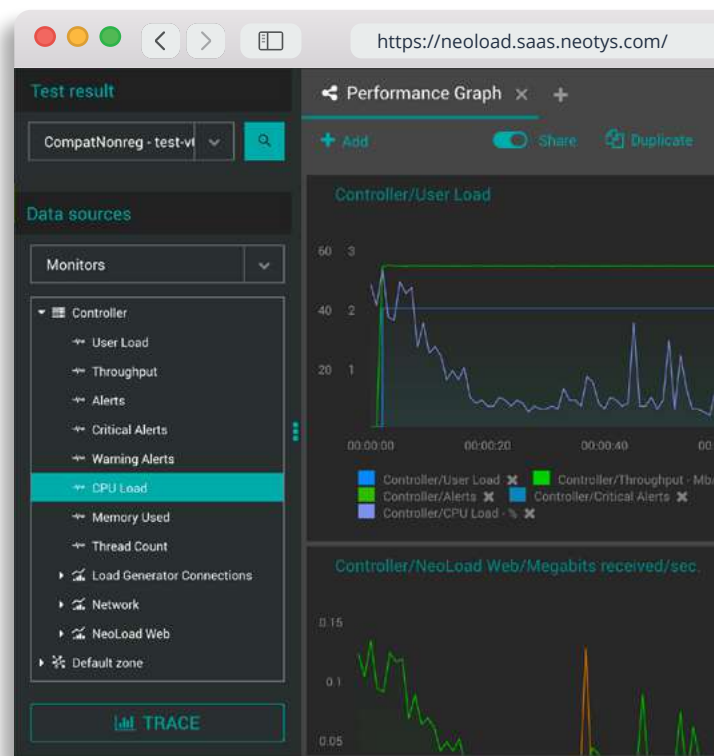
Continuous Testing Embedded in CI/CD Pipelines

• Performance test as code and automate performance testing into CI pipelines
• Integration with leading CI solutions: Jenkins, TeamCity, Bamboo, and others
• API driven platform to integrate performance testing into any CI/CD toolchain
• Dynamic load testing infrastructure on premise or in the cloud
• Automated pass/fail results to enable a fully automated CI process
• Immediate root cause analysis/results if bottleneck is identified
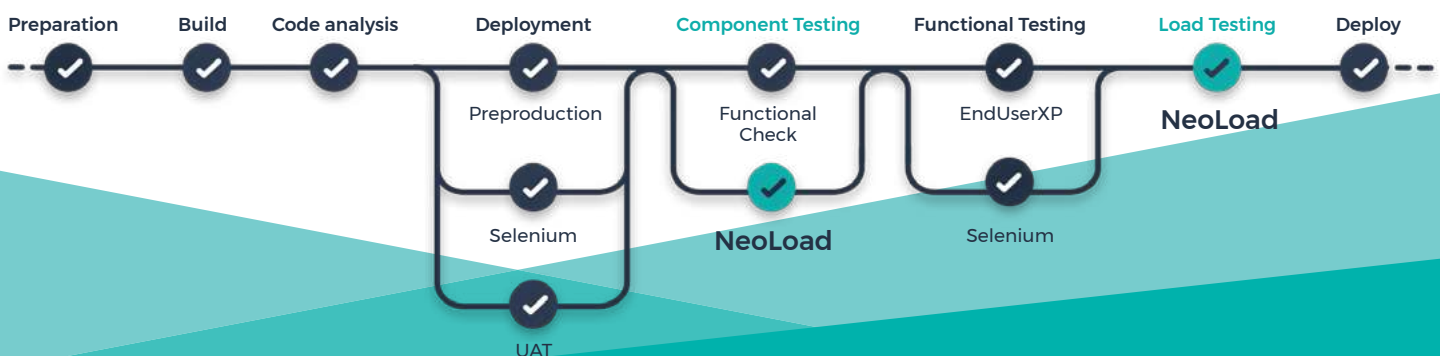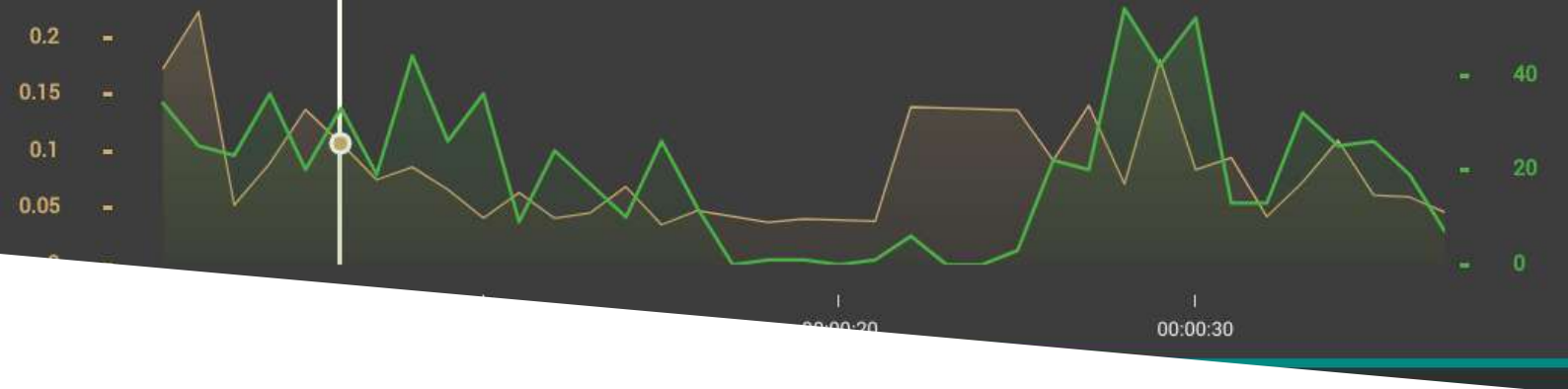
Automate API Performance Testing

Supports API technologies

- SOAP / REST Support
- Assisted design with Swagger/Open API import & highly efficient extractors for fast test design and fewer errors in scripting
- Test as Code or GUI based productivity

Continuously test API performance

- CI / CD automated API testing, Dynamic load generation infrastructure, Automatic pass/fail based on SLAs
- Real-time test results for fast dev feedback loop if bottleneck is identified
- Non-regression API performance trends

API based applications

- Test standalone APIs or APIs within end-to-end tests. Same platform, same skills
- Devs, QA, PO, Ops share a common view of API performance
- Confidence in API and App speed and reliability

Accelerate End-to-End Application Performance Testing

Design tests faster & update automatically
- Assisted design. Wizards and automatic parameter handling
- Reuse functional scripts and convert LoadRunner scripts to NeoLoad performance tests
- Update system-level scripts faster with automatic user path updates
- Easy to maintain and re-use

Realistic user simulation

- Simulate any business case, from simple to complex
- Scale load test up to millions of virtual users

Bottleneck identification

- Real time test analysis
- SLA based pass/failed
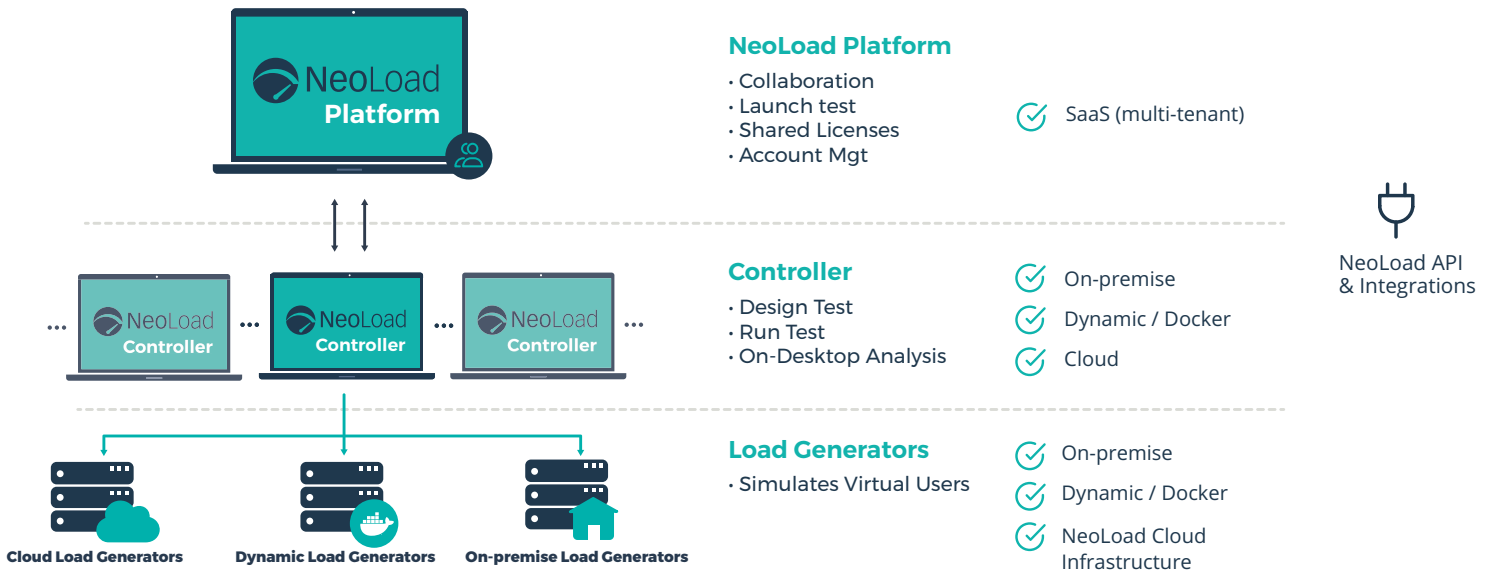- Root cause analysis

Manage Across the Enterprise

- Schedule and share resources across teams and applications
- Continuously test, analyze and report from APIs to end-to-end applications
- Test all of your applications across mobile, web, desktop
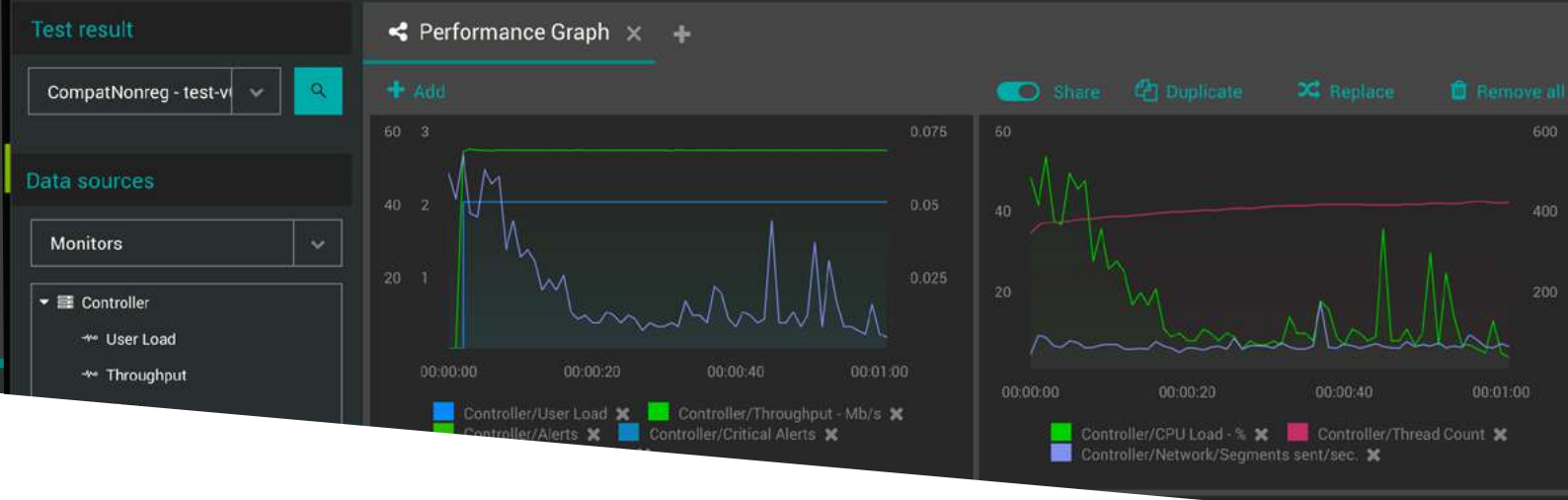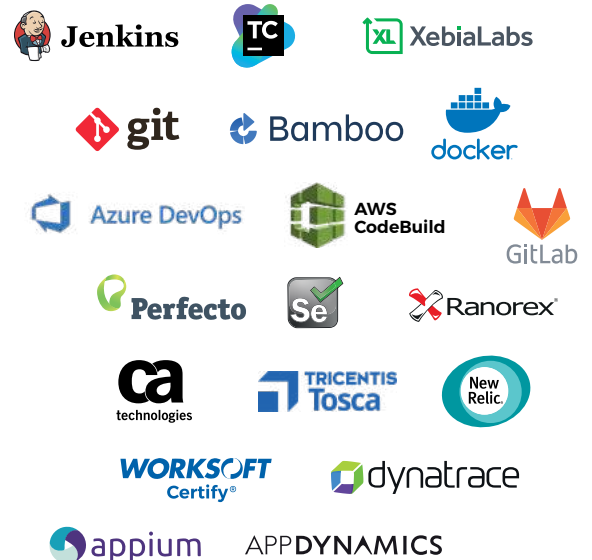
Support Modern and Legacy Technologies

HTML5 · HTTP/2 · ANGULARJS · IoT · API · MQTT.org · WEBSOCKET · Mobile Apps · SAP · CITRIX · salesforce · ORACLE · JMS · AMQP

Platform Architecture

NeoLoad Platform
· Collaboration
· Launch test
· Shared Licenses
· Account Mgt

✓ SaaS (multi-tenant)

NeoLoad API & Integrations

Controller
· Design Test
· Run Test
· On-Desktop Analysis

✓ On-premise
✓ Dynamic / Docker
✓ Cloud

Load Generators
· Simulates Virtual Users

✓ On-premise
✓ Dynamic / Docker
✓ NeoLoad Cloud Infrastructure

Cloud Load Generators   Dynamic Load Generators   On-premise Load Generators

Integrations

- RESTful APIs to fit into any technology landscape

- Integrations with popular CI servers and version control systems

- APM: Dynatrace, AppDynamics, New Relic. Get production data in test results. Monitor application under load in your APM tool.

- Testing: Selenium, Tricentis, Perfecto, Ranorex. Re-use functional test scripts for performance. Get end user experience metrics in performance tests.

Jenkins · TC · XL XebiaLabs · git · Bamboo · docker · Azure DevOps · AWS CodeBuild · GitLab · Perfecto · Se · Ranorex · ca technologies · TRICENTIS Tosca · New Relic · WORKSOFT Certify · dynatrace · appium · APPDYNAMICS

Enterprises Transform Their Performance Testing Practices with NeoLoad

"We use NeoLoad because it's faster to market, easier to use, and includes our necessary Agile footprint requirement."
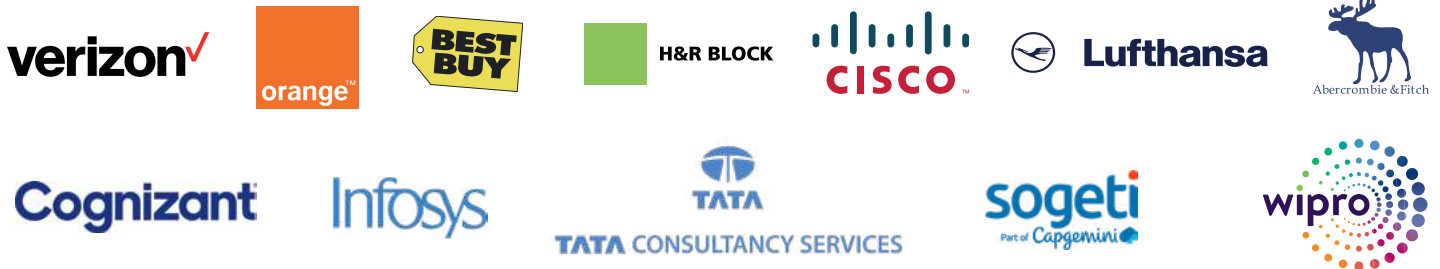
Steve Lampke,
Technology Manager

KRONOS

"We have reduced scripting time and script test maintenance by 66%."

Mikey Warner
Head of Q,A

Office DEPOT

They Trust NeoLoad

verizon✓   orange™   BEST BUY   H&R BLOCK   CISCO   Lufthansa   Abercrombie &Fitch

Cognizant   Infosys   TATA CONSULTANCY SERVICES   sogeti Part of Capgemini   wipro

Gartner peerinsights
customers' choice
2019 ™

"NeoLoad is a new leader in performance testing - a serious contender."

★★★★★

Company : Gov/PS/ED 5,000 - 50,000 Employees

Conversion from Load Runner to NeoLoad was easy, because of the NeoLoad features

I have worked with Neotys products since 2010 and we recently replaced our LoadRunner suite of products with NeoLoad. (...)

★★★★★

Company : 10B - 30B USD

Easy to implement and execute!
Simple interface with a lot of capacities

Product with superb features. Performance Testing can be done with real ease. Support and trainings are great.

Neotys

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