

Tricentis NeoLoad

Performance Testing for Enterprise Applications

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.

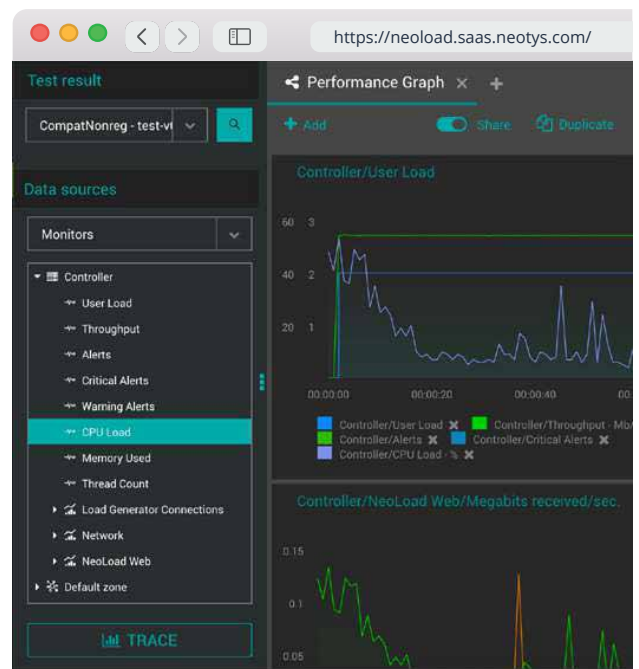
Test the range of mobile, web, and desktop applications with NeoLoad's full tech stack support. Automate performance test design, maintenance, and runtime within CI pipelines to catch performance issues early.

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 premises 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 stand-alone APIs or APIs within end-to-end tests. Same platform, same skills
- Dev, QA, PO, Ops share a common view of API performance
- Confidence in API and app speed and reliability

Manage across the enterprise

- Schedule and share resources across teams and applications
- Continuously test, analyze, and reports, from APIs to end-to-end applications
- Test all of your applications across mobile, web, desktop

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: Tosca, Selenium or Perfecto. Reuse functional test scripts for performance. Get end user experience metrics in performance tests.

Accelerate end-to-end application performance testing

Design tests faster and 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 reuse

Realistic user simulation

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

Bottleneck identification

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

