# Tricentis NeoLoad and Tricentis Tosca Integration

Today's complex IT landscape includes a mix of web, mobile, homegrown, and highly customized packaged applications such as SAP, Salesforce, ServiceNow, and Oracle EBS. A clear trend across the industry is to move these applications to cloud-based hosting and in doing so, change from an on-premises self-managed ERP application to a SaaS/PaaS IT solution. In particular, SAP is paving the way for its customers to migrate from traditional infrastructure to SAP HANA and private/public cloud environments.

Most organizations have adopted a bi-modal model, a blend of waterfall and Agile development methodologies. While waterfall is still a relevant approach, enterprises are increasingly shifting to Agile development. Agile/DevOps environments demand shorter development cycles and a great deal of automation.

But Agile isn't about speed, it's about quality. Performance testing is sophisticated and takes time because it still requires human action. Testing early and often is integral to an Agile delivery model. In a traditional approach, projects typically begin with functional tests using test execution tools, and performance tests come later during hardening sprints. But with either approach, the question arises time and time again: how can you easily import the functional test cases into the load test tool (to reduce the testing effort)?

The Tricentis NeoLoad-Tosca integration delivers the perfect solution to help accelerate release cycles without sacrificing quality. The one-of-a-kind integration supports not only simple web and mobile applications but also all your critical ERP systems like SAP, Oracle, Salesforce, ServiceNow, and other enterprise packaged applications.

## Why is the Tricentis Tosca-NeoLoad solution important?

Our NeoLoad-Tosca integration empowers a ONE Test Definition approach: immediately and effortlessly repurposing a functional test as a performance test. The integration delivers efficiency, productivity, and improved quality through:

- Reducing test design and script maintenance by up to 90%
- Allowing performance test cycles to match the speed of functional test cycles
- Releasing applications faster with a higher degree of confidence

## One-click conversion



**Tricentis Tosca** → **Tricentis NeoLoad**

Any web, SAP GUI, or API functional test → Performance test
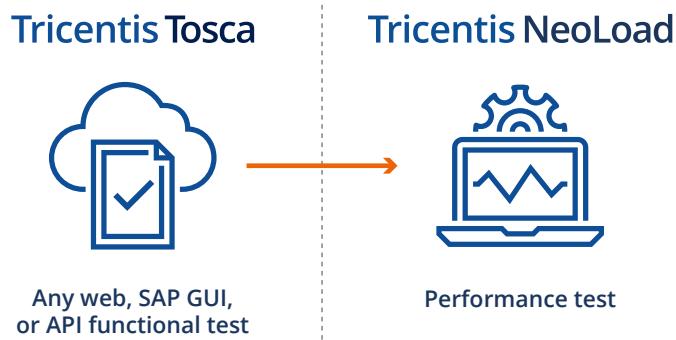
## Convert Tosca test cases into NeoLoad performance tests

NeoLoad can convert any web tests created in Tosca. With one click, beginning with a functional test asset created in Tosca, our integration converts this asset to a NeoLoad performance test. Once the NeoLoad scenario is correlated, you will be able to take advantage of one of the unique features of NeoLoad: the user path update that minimizes the maintenance time of the new versions of your scenarios. As functional scripts change, NeoLoad uses the changes to update the performance test. NeoLoad will indeed pick up on the shortcomings of your scenarios as the application matures: you will only have to modify them incrementally, saving up to 90% of the time usually required by maintenance activities! In the case of SAP GUI technology, with the integration you can automatically create NeoLoad Transactions for each SAP T-Code detected in your test.
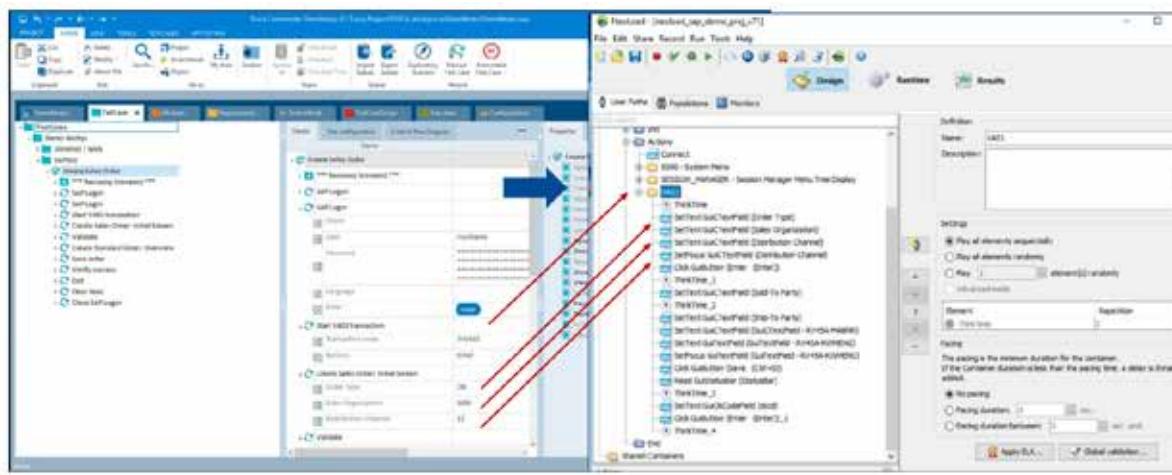


## Why NeoLoad?

Tricentis NeoLoad, the world's leading performance testing platform, is designed to help today's software teams and IT professionals ensure system reliability and scalability at a fraction of the effort and cost traditionally associated with legacy performance tools. Through proven, time-saving capabilities such as automatic script maintenance, conversion with an automated testing solution (Selenium, Tosca, etc.), and one-click dashboard accessibility, organizations are now able to automate, provide full visibility, and easily share critical system performance insights with key stakeholders across Dev, Test, and Ops. To simulate massive spikes on your application affordably, NeoLoad can quickly generate the expected traffic from your on-premises network or more than 75 different locations around the world. NeoLoad natively supports testing web, mobile, and packaged applications such as the full SAP technology stack: SAP GUI, SAP WEB, SAP Hybris, SAP SuccessFactors, SAP Fiori, Oracle EBS, Siebel, HRAccess, PeopleSoft, Guidewire, etc.

## Why Tosca?

Tricentis Tosca is a Continuous Testing platform that accelerates testing to keep pace with Agile and DevOps. With the industry's most innovative functional testing technologies, Tricentis Tosca breaks through the barriers experienced with conventional software testing tools. Why choose Tricentis Tosca for test automation?

- Reduce regression testing from weeks to minutes
- Maximize reuse and maintainability with model-based test automation
- Gain clear insight into the risk of your release candidates
- Achieve sustainable automation with proven, market-leading technology