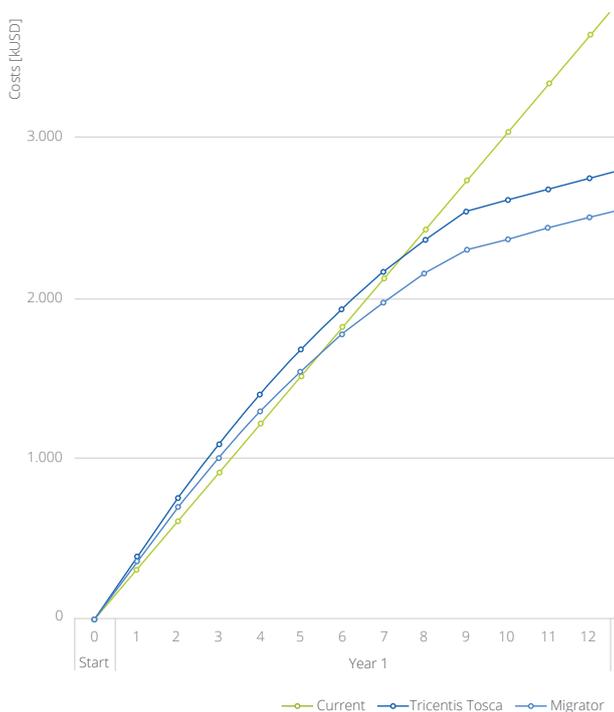


Tricentis Tosca Framework Migrator

Overview

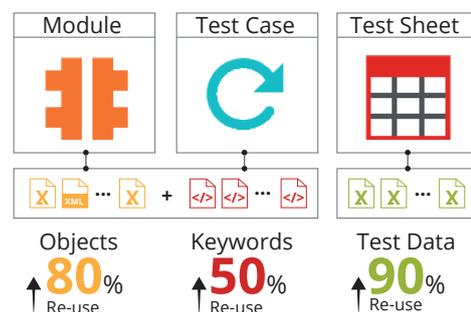
Whether you have automated tests defined in frameworks such as Selenium and HPE or manual tests captured in Excel, those tests represent a sizeable investment of time and effort. When you move to Tricentis, you can leverage and expand those existing test assets. The Tricentis Tosca Migrator imports your automated and manual tests so you can immediately start testing with Tricentis Tosca—as well as extend those tests with the additional functionality that Tricentis Tosca provides. You get more value out of your existing tests, and those tests help you achieve a faster ROI with Tricentis Tosca.



Key Benefits

Continue deriving value from legacy test assets

Each of your existing tests represents a significant amount of planning, implementation, and maintenance. The Tricentis Tosca Migrator lets you take advantage of your existing automated and manual testing efforts within Tricentis Tosca. You can immediately start running your existing tests for regression testing with advanced reporting. When it's time to extend tests, you can use a business-readable UI to define test objects, actions, and validations—there's no need for scripting or developer assistance.



Centralize, integrate, and extend testing efforts

With your various automated and manual testing efforts migrated into Tricentis Tosca, you can centralize test management, execution, and reporting. Additional capabilities such as synthetic test data generation, risk coverage optimization, and extensive technology support (mobile, cross-browser, API, SAP, etc.) are available to extend and optimize those tests. Tests can be combined into comprehensive, multi-channel end-to-end tests as well as complemented with exploratory testing.

Key Features

Stabilize your test environment

Teams working with complex, distributed systems often find that environment instabilities impact testing—causing false positives or inconsistent results. Once your test assets are imported into Tricentis Tosca, you can rapidly simulate the behavior and data of dependent components. This ensures that your automated and manual tests can be executed completely and consistently.

Ease the transition from manual to automated testing

Once manual test details are migrated to Tricentis Tosca, you can use its manual testing features to ensure consistent execution, record results, and document defects. Moreover, the imported test “building blocks” can be easily transformed into automated tests—without requiring any coding or scripting.

Jumpstart API testing

When your team is ready to begin API testing, your existing testing efforts can be used to jumpstart that new level of testing. Rather than start from scratch, you can build upon the existing technical models and take advantage of the imported data sets.

Benefit from all of Tricentis Tosca’s core features

- Flexible, business-readable test cases
- More than 40 supported technologies supported for test automation (Java, .NET, SAP, ...)
- Risk-based coverage optimization and reporting
- Model-based test case design for fast test extension and effortless updating
- Test data generation and management
- Integrated automated testing, exploratory testing, and manual testing
- Centralized reporting for all testing efforts

Open, customizable framework

The Tricentis Tosca Migrator and sample implementations (including HPE, Selenium, Worksoft, and manual test migration projects) are available on the Tricentis GitHub. This allows you to customize the migration logic to suit your organization’s specific needs and preferences—as well as benefit from other users’ extensions. If you want to streamline the adoption or customization process, Tricentis Services is always available to assist.

Migration of technical information

Details about the system under test—across the UI and other (API, database, etc.,) layers—are migrated to a business-readable representation of core elements. Multiple types of tests and service virtualization assets can then be rapidly defined based on this model. Since each unique technical element is represented by a single model element, test maintainance is simple and centralized: update the model once and changes are automatically propagated across all associated test artifacts.

Migration of test case logic

Test case logic is imported into Tricentis Tosca and translated into our model-based test framework. Unlike scripts, the resulting tests are simple to understand and extend as the associated application functionality evolves.

Migration of test data

Existing test data is captured and imported into a comprehensive repository of stateful test data objects. This data can then be used across all automated test cases and service virtualization assets. It is easily readable and manipulated via a business-readable UI. Moreover, it can be rapidly extended with synthetic test generation—increasing coverage to help expose defects.

About Tricentis

Tricentis, the Continuous Testing Company, specializes in market leading software testing tools for enterprises. We help Global 2000 companies gain success by achieving automation rates of over 90%. Top analysts recognize Tricentis as a leader in Software Test Automation, with Model-based Test Automation and Test Case Design as standout features.

Our 400+ customers include global names from the Top 500 brands such as A&E, Allianz, Deutsche Bank, HBO, JetBlue, Orange, Swiss Re, Telstra, Toyota, UBS, Vantiv, Virgin Airlines, and Zurich Insurance. Tricentis has offices in Austria, United States, Germany, Switzerland, UK, Netherlands, Poland, and Australia.