Tricentis Tosca 14, powered by Vision AI – the next generation in test automation
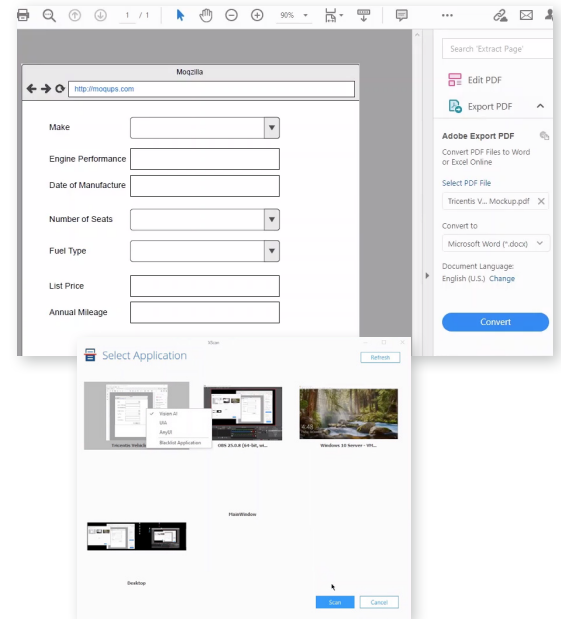
Business challenges

Enteprises are experiencing a fundamental shift in application delivery as the foundation for digital transformation. This includes new application development, modernization of existing apps, transitioning to cloud as well as enhance packaged enterprise apps that support business operations.

Tricentis first addressed these challenges with Tosca, the market-leading, model-based test automation solution that makes it possible to develop resilient automated tests without coding. To continue this trend, we have built artificial intelligence into the Tosca platform called Vision AI.

Solution overview

Tricentis Tosca, powered by Vision AI is our leading, innovative solution to the rapid explosion of new applications and technologies enterprises are developing today, and the constant pressure on Agile and DevOps teams to rapidly test these new technologies. Vision AI is a next generation AI-driven test automation technology that allows teams to automate the application user interface independent of the underlying technology. With machine learning, Vision AI will see and steer any interface just like a human user. This makes your automation future proof and as adaptable as the human brain. For the first time you will also be able to truly shift UI testing to the left. With Vision AI you can create your Automation already based on a simple mockup or UI description, before any code is written – enabling you to test much earlier in the development lifecycle.

Use cases

- **Application modernization** - automate test cases once, run anywhere against any technology regardless of the user interface

- **Shift testing left to accelerate test automation for new app dev projects -** build tests with mockups and automate test execution before code is written.

- **Testing in secure and regulated environments -** build test cases and automation using visual recognition technology like the human eye

Key features

Automation based on visual clues - Independent of underlying platform or technology, including remote desktop apps delivered with CITRIX or VMWare

Self-Healing Tests - Future proof - reuse tests even after major technology changes and upgrades.

AI-driven automation - Leverage the knowledge of the AI networks to automate and get rid of test customizations.

User identified controls - Train Vision AI to automate custom and proprietary applications that have hard to identify controls.

Customer testimonial

We have evaluated a number of vendors promising to make testing simpler using AI, and apart from what we have seen from Tricentis, nothing else came even close to solving our problems.

Markus Bonner, Test Manager
Vienna Insurance Group

Key benefits

Accelerate test automation with AI-powered technology that can track controls on any technology in real time, enabling automation at the speed of sight.

Test sooner
Shift testing left by automating tests based on mockups and use those same tests as the application is developed

Test smarter
Vision AI keeps up with your application changes, regardless of the underlying platform, avoiding massive rework as the application evolves

Test more
Create stable and resilient automation for any technology, including virtual/remote applications running on Citrix, VMware, etc.

Test with everyone
Vision AI is integrated with Tosca's no code platform, making test automation easy for business analyst and subject matter experts to contribute regardless of skill level

Learn more

If you are interested in learning more about how Tosca, powered by Vision AI can help accelerate test automation, visit us at http://www.tricentis.com/vision-ai/.