

# Tricentis Introduces Next Generation AI-Powered Test Automation

Ushers in Next Era of Software Testing with Artificial Intelligence

Sydney, Australia — Oct. 21, 2020 — Tricentis, the world's #1 testing platform for modern cloud and enterprise applications, today announced Vision AI, the core technology that will now power Tosca. Vision AI is the industry's most advanced AI-based test design and automation technology which allows organisations to address the needs brought about by the increasing prevalence of cloud-native and enterprise application platforms. This new AI-based approach marks the beginning of a new era of test automation. Test automation technology has evolved from script-based, to model-based, and is now moving towards AI-based approaches. This new approach will enable agile and DevOps teams to build automated test cases much earlier in the development process – starting with only a mockup or a low-fidelity prototype. Using self-healing capabilities to adapt tests as applications change from sprint to sprint removes bottlenecks and delivers software innovation faster. For the first time, test-driven development can now be achieved end-to-end at the business process level. Tricentis' AI-driven approach allows organisations to solve the following test automation challenges: Heavy application customisation. Current test automation solutions don't support both legacy and modern cloud-native technologies which require heavy customisation and refactoring, resulting in increased costs spent on acquiring complex tools. Support for virtual and remote applications. Whether due to regulation or other concerns, many teams are forced to rely on virtual or remote applications (i.e. Citrix, VMware, etc.). However, traditional test automation solutions do not work for remote or virtual applications, resulting in a reliance on manual testing. Testing and test automation occur too late in the process. Traditionally, applications have had to be built before any test automation can be created. As a result, test teams are always a step behind developers and risk becoming a bottleneck to application delivery. "Tricentis has been at the forefront of the testing evolution and is now ushering in the next era of test automation powered by artificial intelligence," said Sandeep Johri, CEO of Tricentis. "The introduction of Tricentis' next generation AI technology will allow organisations to deliver innovation faster and at lower costs, while also rapidly modernising and transforming their application landscape to bring more value to the business." With the launch of Tosca 14, Tricentis delivers on a comprehensive strategy to embed AI capabilities across the portfolio in order to take the pain out of test design, execution, and maintenance for testers. Tosca also improves the business value of enterprise and cloud-native applications by taking the risk, time and expense out of the delivery process. This product strategy focuses primarily on three technology areas: Vision AI, included with Tosca 14 – Automatically recognises and identifies visual user interface elements and controls across any form factor the same way humans do to aid in the automated generation of robust test cases. Can also be trained on any unique and complex controls by a business user. Risk AI, delivered by LiveCompare – Detects the most at-risk objects and select the right set of tests to minimise the business and technical impact of code changes. Self-healing AI, part of Tosca 14 – Adapts test cases and adjusts test plans as applications evolve with each iteration. "We have been struggling with automating our virtualised applications for a long time and are looking forward to seeing how Vision AI can automate applications across our platforms, even if they are behind a Citrix environment," said Markus Bonner, Test Manager, Vienna Insurance Group. "We evaluated a number of vendors promising to make testing simpler however nothing came even close to Tricentis' AI approach to solving our problems." For more information about Tricentis' AI-based approach to testing, visit <https://www.tricentis.com/products/automate-continuous-testing-tosca/vision-ai/>. About Tricentis Tricentis is the global leader in enterprise continuous testing, widely credited for reinventing software testing for DevOps, cloud, and enterprise applications. The Tricentis AI-based, continuous testing platform provides a new and fundamentally different way to perform software testing. An approach that's automated, fully codeless, and intelligently driven by AI. It addresses both agile development and complex enterprise apps, enabling enterprises to accelerate their digital transformation by dramatically increasing software release speed, reducing costs, and improving software quality. Tricentis has been widely recognised as the leader by all major industry analysts, including being named the leader in Gartner's Magic Quadrant five years in a row. Tricentis has more than 1,800 customers, including the largest brands in the world, such as Accenture, Coca-Cola, Nationwide Insurance, Allianz, Telstra, McKesson, and Vodafone. To learn more, visit <https://www.tricentis.com> or follow us on LinkedIn, Twitter, and Facebook. Contacts Antoinette Georgopoulos Einsteinz Communications [antoinette@einsteinz.com.au](mailto:antoinette@einsteinz.com.au)

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