QA Tools for NextGen Apps

Delivering value from software testing / QA Tools

2025 CONSTELLATION SHORTLIST

The Constellation ShortList™ presents vendors in different categories of the market relevant to early adopters. In addition, products included in this document meet the threshold criteria for this category as determined by Constellation Research. This Constellation ShortList of vendors for a market category is compiled through conversations with early adopter clients, independent analysis and briefings with vendors and partners.

ABOUT THIS SHORTLIST

As enterprises are faced with business best-practice uncertainty due to Infinite Computing (for more, see here), they need to build software again in-house. They create next-generation applications, typically on cloud-based platforms, where for the first time in computing history, they don't have direct access to the physical infrastructure. This higher and better levels of validating, testing new software assets as well, in short, the new software assets need to have the right quality, the quality needs to be assured (hence Quality Assurance, QA).

In the process of building and deploying software again, enterprises learn that there is nothing more detrimental than breaking software or delivering non-working software. This turns the attention to the development process and makes CTOs and CIOs look for software testing / QA vendor.

AI has been transformative for all part of the software developer life cycle (SDLC), testing and QA are no exception, and all vendors on this CR Shortlist have improved outcomes with the help of AI. Expect more uptake of AI in 2024 and be aware of a possible disruption of the key players in the space from it.

15 SOLUTIONS TO KNOW

Constellation evaluates more than 20 solutions categorized in this market. This Constellation ShortList is determined by client inquiries, partner conversations, customer references, vendor selection projects, market share, and internal research.

- BROWSER STACK
- IBM ENGINEERING TEST MANAGEMENT
- KEYSIGHT EGGPLANT
- LAMBDA TEST
- OPENTEXT ALM QUALITY CENTER
- OPENTEXT UFT ONE
- ORACLE APPLICATION TESTING SUITE
- PANAYA CHANGE INTELLIGENCE
- POSTMAN
- PROVAR
- SALESFORCE TEST AUTOMATION
- SOAPUI
- TESTRAIL
- TRICENTIS TOSCA
- USERTESTING

LIKE WHAT YOU SEE?

Consider partnering with Constellation Research on your go-to-market-strategy. Email ShortList@ContellationR.com for more info.

To learn more about Constellation Research Shortlists visit:
www.constellationr.com/ShortList

THRESHOLD CRITERIA

Constellation considers the following criteria for these solutions:

- Support of all key QA / testing processes.
- Usage of AI/ML for more efficient testing / QA
- Capability or plans to generate test scripts based on code
- Developer / QA personnel / tester friendly, share of mindset
- Visible QA / Testing evangelism
- 500+ customers
- Support for five (out of seven) continents
- On-premises, hybrid cloud, public cloud and multicloud QA / Testing support
- Out-of-the-box interfaces to popular development. CI / CD, Devops and deployment platforms
- Transparent and effective pricing and costing

ABOUT CONSTELLATION RESEARCH

As an award-winning Silicon Valley-based strategic advisory and futurist analyst firm, Constellation Research serves leaders and organizations navigating the challenges of digital strategy, business-model disruption and digital transformation. Constellation works closely with solution providers, partners, C-suite executives, board of directors, and its Constellation Executive Network of buy-side leaders to lead the way in research coverage and advise clients how to achieve valuable business results.

FREQUENCY OF EVALUATION

Each Constellation ShortList is updated at least once per year. Updates may occur after six months if deemed necessary.

EVALUATION SERVICES

Constellation clients can work with the analyst and the research team to conduct a more thorough discussion of this ShortList. Constellation can also provide guidance in vendor selection and contract negotiation.

BUSINESS THEMES

- Future of Work
- New C-Suite
- Technology Optimization

Holger Mueller
Vice President & Principal Analyst

Holger Mueller focuses on the synergies between people and software. As the hand-to-machine ratio radically changes over the next decade (primary factors: age dynamics and technology innovation), enterprises need to find the appropriate balance between changes in a dynamic workforce and the creation and adoption of next-generation applications, all determining the Future of Work and helping enterprises accelerate. Mueller provides strategy and counsel for key clients, including CTOs, CHROs and CIOs as well as investment analysts, VCs, PE firms and technology buyers.