

# Competitive Matrix - CloudQA vs Alternatives

Features	Unified Tool	Functional Test Automation Tools							Load Testing Tools					Application Monitoring Tools		
	CloudQA	Selenium	HP QTP/UFT	TOSCA	Sahi Pro	TestingWhiz	Telerik	Load Runner	Jmeter	SOASTA	Blazemeter	WebLoad	Gatling	Dynatrace	AppDynamics	New Relic
<b>Completely Integrated QA Automated Tool</b>																
Unified Platform	YES	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Reusable functional tests for load testing	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Reusable functional tests for synthetic monitoring	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Comparison and regression analysis	YES	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
Same script for multiple browsers	YES	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>Complete QA Lifecycle Support</b>																
Extensible reports	YES	NO	YES	YES	NO	YES	YES	YES	NO	YES	NO	YES	NO	YES	NO	YES
Detailed tagging	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	YES
Test management	YES	NO	YES	YES	NO	NO	YES	YES	NO	YES	NO	YES	NO	NO	NO	NO
Continuous delivery support	YES	NO	YES	YES	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES	YES
DevOps support	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	YES	YES	YES
Image comparison	YES	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Real time analysis	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Real time monitoring	YES	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	NO
Test configuration & scheduling	YES	NO	NO	NO	NO	NO	NO	YES	NO	YES	YES	YES	YES	NO	NO	NO
Applications management	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES
Availability management	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES
Availability reporting	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES
Event reporting	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES
Email notification service	NO	NO	YES	YES	YES	NO	NO	NO	NO	YES	YES	YES	NO	YES	YES	YES
Integrated reporting manager	YES	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES
Web dashboard	YES	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES
Reporting engine and analytics	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES
Custom/user-defined reports	YES	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES
Reports publishing	YES	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES
Performance trend reporting	YES	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES
Scheduled report generation	YES	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES
Export reports to multiple formats	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES
1 year data storage	YES	NO	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	NO	YES	YES	YES
SMS notification	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO
Critical quality trends reports	YES	NO	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES
Real Page/Browser view	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
HTML (Response) view	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Performance metrics	YES	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES
Performance monitoring	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Transaction monitoring	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Application monitoring	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Test scheduler	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES
<b>Integration with 3rd party tools</b>																
Integration with reporting tools	YES	NO	NO	YES	NO	YES	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO
Source control systems integration	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Integration with test case management systems	YES	NO	YES	YES	NO	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO
Bug tracking systems integration	YES	NO	YES	YES	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Project management system integration	YES	NO	YES	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Build/CI server integration	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
<b>Fastest &amp; Easiest Setup and Deployment</b>																
<b>Codeless Automation</b>																
Codeless automation test setup	YES	NO	NO	NO	NO	YES	YES	NO	NO	NO	YES	NO	NO	YES	YES	NO
MIX execution	YES	NO	NO	NO	NO	NO	NO	YES	NO	YES	YES	YES	NO	NO	NO	NO
Paused load test execution	YES	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	NO	NO	NO	NO
Reuse tests on multiple test environments	YES	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Page elements/DOM access	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
Tests reuse	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO
<b>Rapid Codeless Support for Web Development Tools</b>																
Popular Javascripts (e.g. - Angular, Ember, etc)	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO
Popular Dev Frameworks (e.g. - Java, .Net, Python, DevOps, etc.)	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO
Popular CMS/CRM/ERP	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO
<b>Cloud Based</b>																
Cloud-based deployment	YES	NO	YES	NO	NO	YES	YES	NO	NO	YES	YES	NO	YES	YES	YES	YES
Team collaboration	YES	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	NO	NO	YES	YES	YES
Out-of-the-box report distribution and sharing	YES	NO	YES	YES	YES	YES	YES	NO	NO	NO	YES	NO	NO	YES	YES	YES
<b>Zero to little learning curve</b>																
Complex response validation	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO	YES	NO
Quick script editor	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO	NO	NO
Conditional logic	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO	NO	NO
Impact Analysis	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Easy to use UI (Auto-Record Workflow)	YES	NO	YES	NO	NO	YES	YES	NO	NO	YES	YES	NO	NO	NO	NO	NO
No duplication of critical assets	YES	NO	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO
Screenshot for every step	YES	YES	NO	YES	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>Supports testers of all skills</b>																
Supports non-developers & developers	YES	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Built-in scroll actions	YES	NO	NO	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	YES	YES
Multiple vacations	YES	NO	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO
Keyword driven step creation	YES	NO	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
User experience monitoring	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Familiar user environment	YES	NO	NO	NO	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
<b>Optimized for Web applications</b>																
<b>Broad Technology Coverage</b>																
Web site and web application support	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Javascript support	YES	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Custom UI controls	YES	NO	YES	YES	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Scripting / Coding	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO	YES	NO
API testing	YES	NO	YES	YES	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO
Dialogue handling (New Window, New Tab, Modal)	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO
Desktop commands	YES	YES	YES	YES	NO	YES	YES	YES	NO	NO	NO	YES	NO	NO	NO	NO
Nested elements	YES	NO	YES	YES	NO	YES	YES	YES	NO	YES	YES	YES	NO	NO	YES	NO
Data encryption	YES	NO	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES	YES	NO	YES	YES
Protocol support	YES	NO	NO	NO	NO	NO	NO	YES	NO	YES	YES	YES	YES	NO	NO	NO
Automated cookie management	YES	NO	NO	NO	NO	NO	NO	YES	NO	YES	YES	YES	YES	NO	NO	NO
Caching	YES	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	NO
Test Execution on Windows/Linux	YES	YES	NO	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
Full HTTP headers view	YES	NO	NO	NO	NO	NO	NO	YES	YES	YES	YES	YES	YES	NO	NO	NO
<b>Data Driven Testing</b>																
Data correlation of dynamic values	YES	NO	NO	NO	NO	NO	NO	YES	YES	YES	NO	YES	YES	NO	NO	NO
Parameterization	YES	NO	NO	NO	NO	NO	NO	YES	YES	YES	NO	YES	YES	NO	NO	NO
<b>Extended Test Coding</b>																
Extend recorded tests with code	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO	NO	NO
<b>Smart AJAX Synchronization</b>																
Automatic waiting for AJAX and PageLoads	YES	NO	NO	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	NO	YES	NO
<b>MOST Comprehensive and FASTEST Testing</b>																
<b>Most powerful test recorder</b>																
Smart resilient accessors/locators	YES	NO	YES	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO
Playback reliability	YES	NO	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO
Built-in page element identification	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Built-in DOM explorer	YES	NO	NO	YES	YES	YES	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO
<b>Measure and track real user experience</b>																
Real user data	YES	YES	YES													