

Appvance IQ

Unified Testing Platform

Human Designed, AI-Assisted Testing

Automating tests has never been easier, faster, and more reliable. The advanced AI-Assisted Record and Playback capabilities of Appvance IQ (AIQ) enables test automation engineers to write scripts up to 10x faster than traditional methods. The scripts are created with Appvance's patented AI Fallback Accessor capability that allow test scripts to adapt at run time when the UI has changed driving out 80% of the routine script maintenance activities. Even scripts with massive changes can be automatically repaired by the AI using the script Optimize and Self-Healing features.

Once developed, yours tests, and the one written by our AI, can be repurposed as non-functional tests with no changes allowing your automation engineers to deliver a 360° view of your application's quality along functional, load, performance, and security quality vectors.



Add in the capability to generate unlimited test data and mask and encrypt production data, means that AIQ is the complete, unified testing platform you need.

Autonomous Testing: AI Script Generation

Our first patented AI Autonomous testing capability was delivered in 2017. We continue to extend our leadership with our flagship AI script generation capability. This technology generates an army of Bots that design, generate, execute, and report on 1,000s of tests they have independently devised without any human oversight with a few hours of training on your business rules.



By transferring your business knowledge, domain expertise, and user experience to our AI, you can launch unlimited Bots that will follow their training and exercise EVERY POSSIBLE user flow in your application. We call this Application Coverage™ and this is, typically, 10x greater than the Test Coverage defined. What is more, you can re-Blueprint your entire application with every new build providing you with the assurance that no unexpected new defects have been introduced. Indeed, our AI is so smart, it even adapts to UI and UX changes without any additional train. It even knows when to ask for human help.

At a glance

Platforms

Web-based (HTML, SFDC, SAP, SNOW, etc.), **native mobile** (iOS, Android), **desktop, services, micro-services, and API** (REST/ SOAP)

Fast test creation

AI-Assisted script development with built-in resilience (still works when UI changes).

AI Script Generation – patented generative AI autonomous testing

Train the AI on your business rules and our Bots will autonomously generate 1,000 of tests in minutes. Our unique Application Coverage™ capability delivers 10x more tests than Test Coverage.

One testing platform

Use your human-written or AI-generated tests as functional, load, performance, and even App Pen testing with no changes. Includes unlimited automatic test data generation.

Upskilling Your Automation Engineers

The no-code/low-code basis of our Web Designer, Mobile Designer, Desktop Designer and API-Test Designer IDEs means that manual testers can become automation engineers with just three-hours of training. Not only that, but AI-Human partnership that AIQ enables, means that AEs can now use their domain experience to target the areas of the application that need the most in depth and rigorous testing. They can direct massive testing efforts at the business-critical user flows with exhaustive test combinations and permutations.

And, with no programming skills needed, can test at the UI, API, Service, Microservice levels without ever needing to inspect any code.

Out of the box

Feature	AIQ	Others
AI Script Generation	Yes	No
Low-Code/No-Code	Yes	Some
Record and Playback	Yes	Some
AI-Assisted Scripting	Yes	No
Fallback Accessors	Yes	No
Self-Healing	Yes	Some
Functional Testing	Yes	Yes
Performance Testing	Yes	Separate Product
Load Testing	Yes	Separate Product
Security Testing	Yes	Third Party
Web	Yes	Yes
Native Mobile	Yes	Separate Product
Desktop	Yes	Some
SFDC, SAP, SNOW, etc	Yes	Some
Minimal Test Infrastructure	Yes	Varies
Free Dashboard Licenses	Yes	Some
Unlimited Test Executions	Yes	Rarely
Application Coverage Map	Yes	No
CICD Integration	Yes	Some
Issue Management Integration	Yes	Some
Test Case Management Integration	Yes	Some

In a Nutshell

AIQ is the unified test platform you need to test your Web, Mobile, Desktop and Services implementations. With its unmatched testing capabilities and legendary productivity, it is the single most cost-effective testing solution for large and small enterprises.

Key Takeaways



- 5-10x faster test development
- 80% less script maintenance
- 10x Application Coverage



Run load, performance, and security tests every day at no extra cost



Spin up test nodes as needed and spin them down when done making for the most cost-efficient testing infrastructure



Only Level-5, Hands-Off, Minds-Off fully autonomous test generation technology in the world.