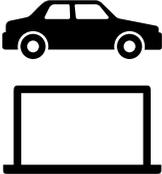
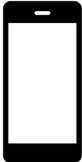




Context	<p>In 2017, a digital media powerhouse needed to improve its load and performance testing. Amid strong user growth and new endpoints for its service, it couldn't predict the end-to-end performance of its "media delivery system" or its users' experience.</p>	<p>In 2020, Appvance IQ provides assured visibility into consistent performance for up to 3,000,000 virtual users.</p>
Application Under Test	<p>The media delivery system supported a relatively narrow set of endpoints.</p>	<p>The media delivery system now supports a much expanded set of endpoints, including many more head units and mobile devices such as phones.</p>
Staffing	<p>Several automation engineers struggled to perform load and performance testing, especially because setup required weeks to perform.</p>	<p>Load and performance testing is now an on-demand service. Setup takes under an hour, down from weeks before. Thus, no dedicated staffing is required, even though testing is vastly improved.</p>
Testing Regime	<p>JMeter, a 20-year old solution, had limited ability to scale and was complex to set up. Plus, it only load tested the server-side of the app, and not the client-side.</p> <div style="text-align: center;">  </div>	<p>AIQ runs load, performance and scalability tests of front and back-end systems for up to 3,000,000 virtual users. A single set-up allows easy shifting from load to performance to scalability testing.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>
Test Creation	<p>Test automation setup time required weeks.</p> <div style="text-align: center;">  </div>	<p>Test creation takes less than an hour, including provisioning the resources for load testing millions of virtual-users.</p> <div style="text-align: center;">  </div>
Reliability	<p>Performance degradations were common and unpredictable. The phones often rang with customer concerns and complaints.</p>	<p>The media delivery system now scales reliably and performs predictably, even under vast user load and a major expansion in type and quantity of endpoints.</p>

QA Management Highlights

Automation engineers no longer need special skillsets to do load testing, even though load, performance and scalability testing is now comprehensive and of much greater scale than before. For instance, different load tests operate the server and client sides of the “media delivery system”.

Also, load testing is now financially predictable. For instance, AIQ’s calibration test is used to determine how many AWS instances will be needed to support load testing.

Load testing is now financially predictable.

About AIQ

Appvance IQ is an AI driven, unified test automation system.

It delivers transformational productivity gains in test creation and execution via AI scripting and codeless test creation, and through unified functional, performance and security testing.

Appvance.ai is the leader in AI-driven testing, which is revolutionizing how software testing is performed. The company’s premier product is Appvance IQ™, the world’s first AI-driven, unified test automation system. AIQ empowers enterprises to improve the quality, performance and security of their apps, while transforming the efficiency and output of their testing teams.

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