



# Improve the digital experience while reducing testing costs

With a rapidly growing technology landscape and increasing competition, it's no wonder that organizations must develop **fast and reliable applications** to accelerate product adoption, retention, and competitiveness. In addition, the Agile and DevOps trends have changed how development teams work, with each team delivering software continuously. However, many software teams still struggle with **performance testing collaboration** and moving fast without compromising quality.

## 65%

of senior IT executives consider the technology stack essential or very important for successful Agile and DevOps automation \*

## 82%

of software organizations experience bugs or defects after releasing features \*\*

## 54%

of senior IT executives consider Shift-Left essential or very important in making testing more efficient \*

\* World Quality Report 2021, Capgemini. \*\* State of Feature Delivery, 2020 Split.io

## k6 is the load testing solution for modern engineering teams

Your software teams want to	With k6 they can
Boost testing productivity and reduce QA silos	Enhance developer participation in the testing process with Javascript support and the CLI tool. Or use the graphical UI for quick test creation and faster onboarding.
Have cross-functional tools to enhance team collaboration	Have a central point for dev & ops teams and IT managers to participate in the testing, with dashboards and reports for an overview of testing activity and performance.
Prevent SLO breaches	Test SLOs, validating them in pre-production, testing, production, or any environment – because your SLOs establish performance and reliability targets to satisfy your customers.
Always deliver a high-quality user experience	Perform stress and spike tests to ensure reliable service with any kind of demand, including unexpected circumstances and peak events.
Ship software faster without introducing new performance issues	Integrate k6 tests with CI/CD pipelines and automate much of the testing process to prevent any performance regressions from being deployed to production.
Reduce the efforts and costs related to testing infrastructure	Skip building and managing testing infrastructure, benefitting from the flexibility and elasticity of the cloud model. (Requires k6 Cloud).

### Thousands of software teams use k6 to prevent system failures and deliver best-of-class applications



k6 Cloud Enterprise has enabled our quality engineering team to build more confident testing and streamline the process for deployment of new features and products, creating an all-around first-class experience for our customers.

Eric Stone, Software Engineer - [Carvana Case Study](#)

Performance and reliability of our platform are of the utmost importance for Olo, our brands, and our partners. As a result, k6 has become an invaluable part of our test stack. k6 helps us quickly experiment with new ideas and verify that releases are production-ready.

Jake Travisano, SET - [Olo Case Study](#)