9 Ways to Manage Costs in the Face of Release Pressures

How to deliver software faster—without it costing you more

Quality efforts are the most time-consuming, labor-intensive, and costly part of the development cycle, soaking up as much as 60% of the total cost of development according to Gartner. That's why OpenText™ helps you infuse quality activities into the entire application development lifecycle. With a more effective way of managing quality-related activities, you can focus on meeting the fast release cycles demanded of today at the right cost, and with the greatest return on investment for your organization.

1. **Drive down testing costs with automation.** Seventy-four percent of organizations still use manual testing solutions. While automating repetitive tests provides an obvious reduction in terms of execution costs and time, automation itself isn't enough. OpenText helps you automate tests in a way that minimizes test script development and maintenance costs— to maximize cost savings. We make the transition from manual to automated testing easy and cost effective by providing comprehensive platform coverage including web, mobile, and enterprise applications. What's more, both technical and non-technical stakeholders can contribute to test automation, using highly re-usable test scripts that require very little maintenance across platforms and releases.

2. **Shift-left testing.** Aggressively pulling test activity forward in the development cycle is not only an Agile best practice, it dramatically reduces the cost of software development by allowing teams to identify issues early on, collaborate to resolve them, and so avoid impact on the project cost. OpenText allows organizations to shift functional, compatibility, and performance testing left through integration with industry standard CI infrastructure.

3. **Actively manage quality.** Software delivery always involves trade-offs between cost, time to market, and quality. In order to manage these tradeoffs effectively, organizations must be able to evaluate quality in the context of measurable quality goals and precise requirements that have been committed to by business stakeholders. OpenText's test management solutions provide the measurability and traceability needed to actively and empirically manage software delivery trade-offs so that the right software is released to market on time and within budget.

4. **Performance test with workloads that replicate real user access.** Performance is a critical dimension to providing an exceptional customer application user experience. Effective performance testing of applications before they are released is essential, and entirely depends on replicating real user access patterns in the test workload. OpenText™ Silk Performer CloudBurst provides the tools needed to replicate access involving different devices, different network speeds, and even different geographic locations.

Overcome the barriers to exceptional user experiences. See how the Silk Portfolio of test tools helps you improve quality, performance, and lower test costs.

5. **Prioritize load testing.** The average cost of downtime stands at $5,600 per minute. Effectively load testing your application before it is released to production is crucial to ensure its ability to meet peak demand. Silk Performer CloudBurst helps you elastically and cost effectively simulate the effect of tens or even tens of thousands of users on your web and mobile apps, so you know they will perform robustly under load—even during peak promotional periods.

6. **Test in the Cloud and pay only for what you use.** Testing multiple configurations of popular desktop and mobile browsers is both time-consuming and costly, especially if you're maintaining dedicated test environments. Use OpenText's cloud-based virtual execution environment instead to reduce capital investment and cut testing time and effort by up to eighty percent. Our one-script testing solution increases the coverage and velocity of cross-browser testing, speeds delivery of your software and safeguards the user experience. Best of all, you pay only for the cloud infrastructure you use—no more, no less.

7. **Avoid rework by managing requirements and improving workflow.** Eliminate the costly mistakes caused by incorrect, incomplete or changing requirements. Research shows that these changes are responsible for seventy percent of the rework costs that slow delivery down. To solve the problem, OpenText tools give you powerful version control and change management, which removes bottlenecks in the software build process, enables faster workflow, and brings everyone from analysts to developers and testers together to create exactly what's required.

8. **Efficiently manage testing configurations and environments.** The expanding landscape of browser and device platforms has resulted in an explosion of supported configurations that delivery organizations must test their applications across. Setup and maintenance costs can become significant. So use solutions like OpenText™ Silk Central Connect to offload test environment management for cross-browser compatibility testing and eliminate those setup and maintenance costs.

9. **Empower stakeholder collaboration and contribution through testing.** In most organizations, testing is treated as a pure cost that's necessary to ensure software quality. But testing can be turned into a value creating activity by making it the focus of stakeholder collaboration. OpenText solutions provide a platform for collaboration through testing by bridging business requirements to testable deliverables, providing visibility for all stakeholders into the software delivery process, and enabling both technical and non-technical stakeholders to contribute to test automation.

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