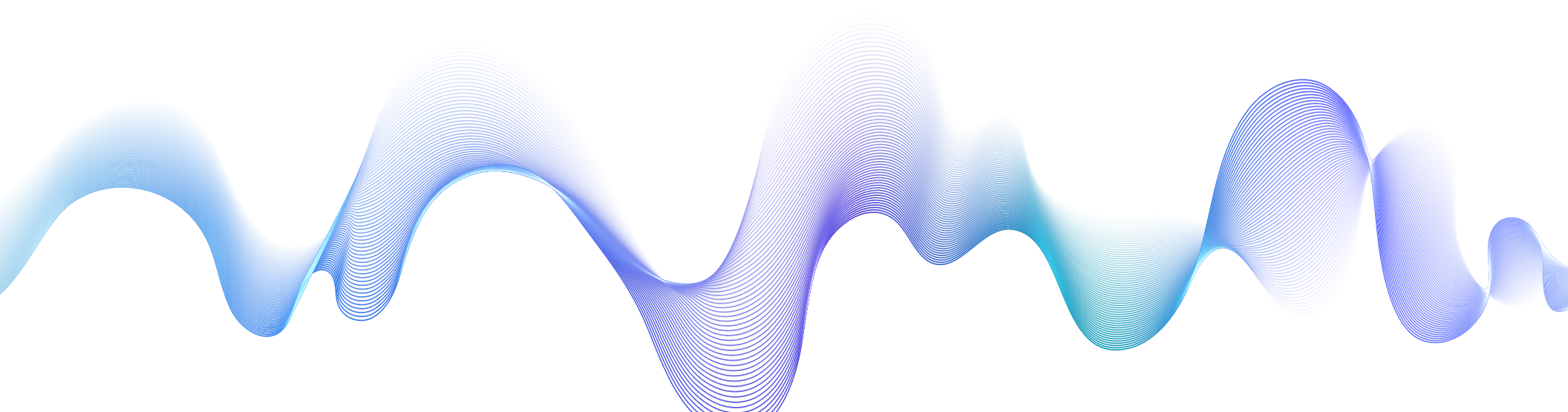


The state of DevOps automation at software companies

From freeing up overworked staff, to neutralizing issues before they become full-blown problems, automation is a game-changer for IT teams everywhere.

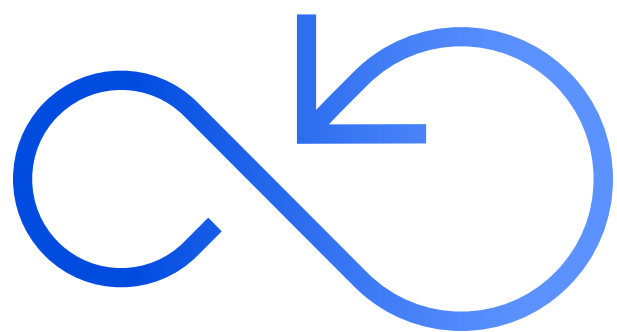


DevOps automation has gone from simply making things more efficient to being an irreplaceable part of a company's cloud delivery strategy.

Here's what IT experts from some of the world's largest software companies say about how automating DevOps practices has benefited their organization, taken pressure off staff, and helped make their jobs easier.



Respondents see clear benefits to DevOps automation.



59% Improved analytics and insights

66% Improved software quality

50% Reduction in manual labor costs

49% Better development, security and operations collaboration

But less than two-thirds of organizations have automated their DevOps processes:

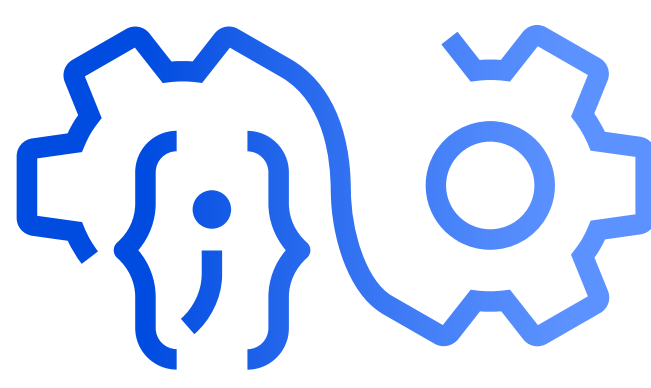
65% Observability/monitoring

62% Incident management and response

60% Capacity provisioning

59% FinOps/cloud cost management

60% Problem remediation



And while that number is growing, organizations still face roadblocks —

Concerns over security, governance, and compliance stand out.



60%

Difficulty operationalizing data to support automation



56%

Toolchain complexity/limited resources to integrate multiple CNCF tools



50%

Complexity of migrating legacy systems that are incompatible with DevOps automation



49%

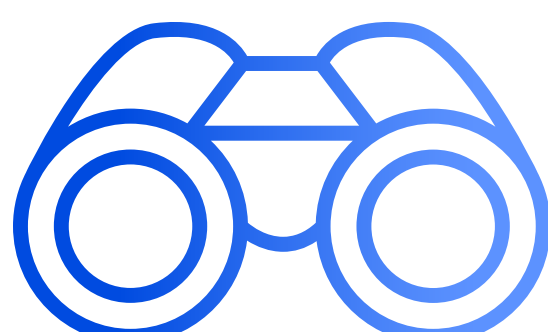
Security concerns/fears that faster delivery will increase risk



49%

Siloed teams — each team has its own charter, budget, tools, and ways of working

As organizations look to the future, 89% say observability will play a vital role in DevOps automation strategies going forward.



80% observability enables release validation automation, improving security and quality of software before it reaches production

84% observability-driven automation has resulted in faster incident response and quicker resolution times

88% observability tools have helped identify bottlenecks and automate delivery pipelines

77% actively utilize observability data and insights to drive automation decisions and improvements in DevOps workflows

With tangible benefits, organizations look to continue to invest in DevOps automation.

63% Infrastructure provisioning/management

54% Security and compliance management

49% Performance optimization

49% Reliability automation

46% Testing and release validation

43% Progressive delivery



Want to know more and dive deeper into what you can do?

Read the [full report](#) to learn other actionable insights from industry practitioners, and how to progress your DevOps automation maturity.

You'll also learn how Dynatrace can help [software companies](#) such as your own tame observability data and overcome cloud complexity, in order to confidently, securely and reliably deliver cutting-edge innovation.

[Read the report](#)

[How Dynatrace can help](#) →

