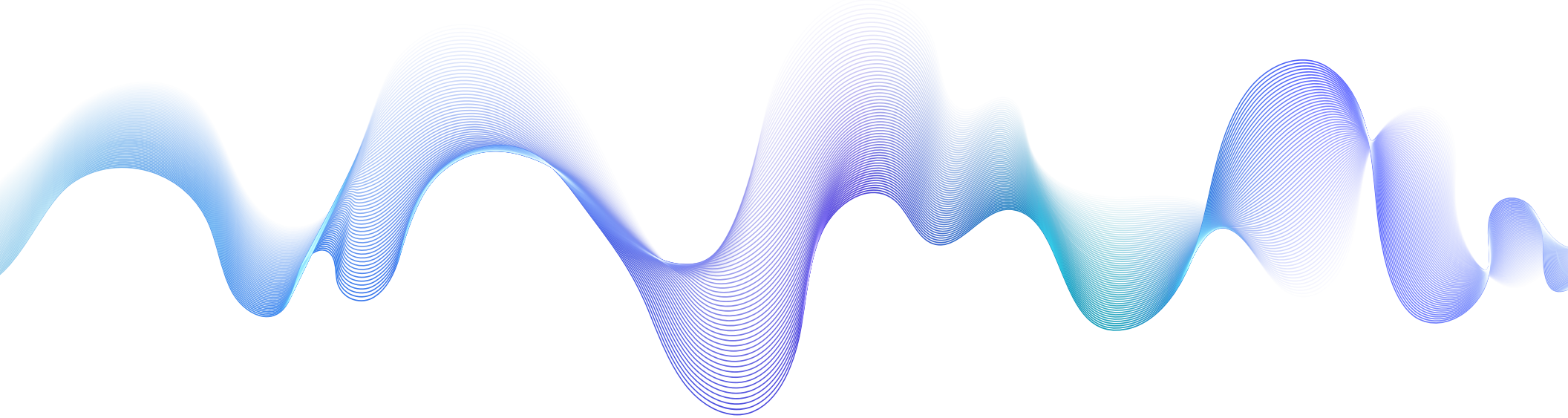


# The state of DevOps automation at retail companies

From freeing up overworked staff, to neutralizing issues before they become full-blown problems, automation is a game-changer for retail-focused 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 retail 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

**53%** Improved software quality

**51%** Faster time-to-market

**51%** Increased customer satisfaction

**47%** Reduction in manual labor costs

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

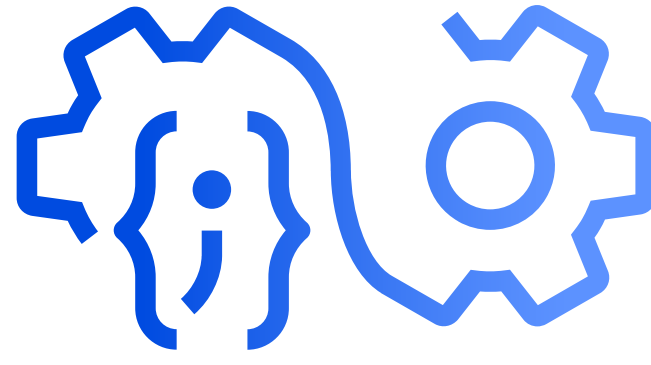
**64%** Software testing/chaos engineering

**64%** Continuous integration/continuous delivery

**63%** Observability/monitoring

**61%** Toolchain orchestration

**58%** Release validation



## And while that number is growing, organizations still face roadblocks –

Concerns over security, governance, and compliance stand out.



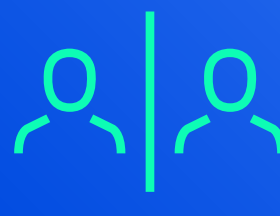
**60%**

**Difficulty operationalizing data** to support automation



**55%**

**Security concerns/ fears** that faster delivery will increase risk



**45%**

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



**41%**

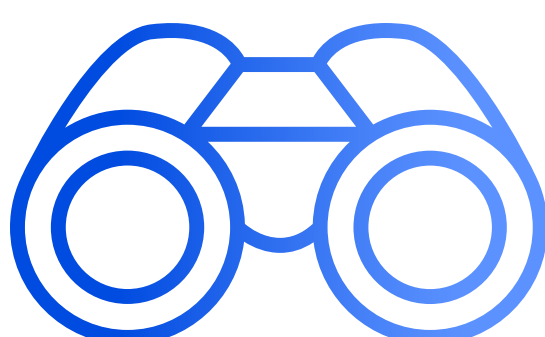
**Complexity of migrating legacy systems** that are incompatible with DevOps automation



**41%**

**Toolchain complexity/ limited resources** to integrate multiple CNCF tools

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



**78%** observability-driven automation has resulted in faster incident response and quicker resolution times

**76%** observability enables release validation automation, improving security and quality of software before it reaches production

**72%** observability tools have helped identify bottlenecks and automate delivery pipelines

**69%** 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.

**55%** Infrastructure provisioning/management

**54%** Security and compliance management

**54%** Testing and release validation

**53%** Progressive delivery

**45%** Performance optimization

**44%** Reliability automation



## 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 [retail organizations](#) 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](#)

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