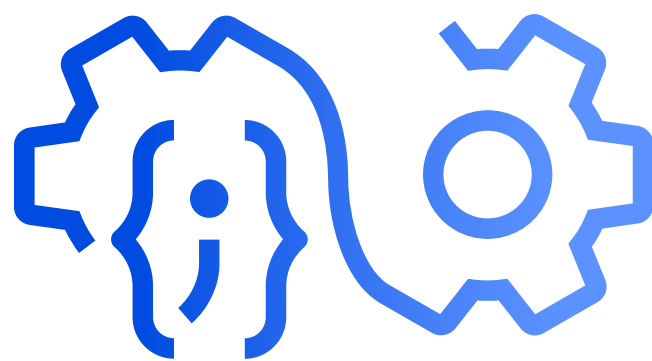
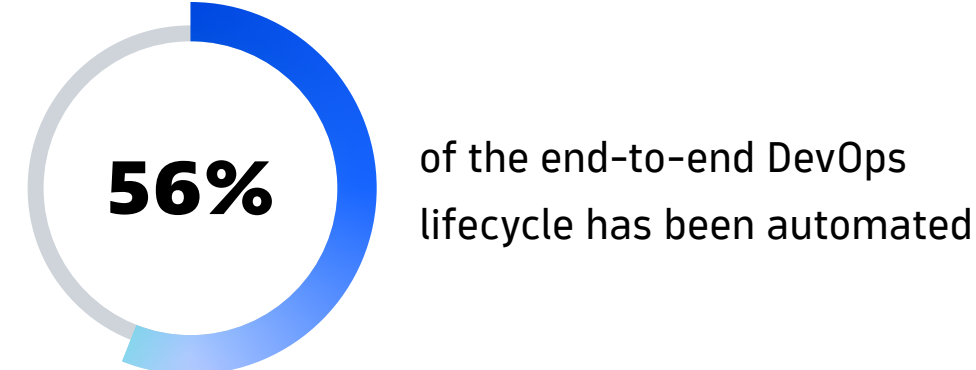


DevOps automation is becoming a strategic imperative for large organizations

DevOps automation is becoming a strategic imperative as organizations face pressure to innovate faster without increasing spending or compromising software quality. But automation practices remain in the early stages of maturity.

Insights from a **global survey of 450 IT practitioners in large organizations** show that, on average:



In the next 12 months, organizations are investing further in DevOps automation to support:

- 55%** Security and compliance management
- 52%** Infrastructure provisioning and management
- 51%** Performance optimization

On average, surveyed organizations report that DevOps automation has led to the following benefits:

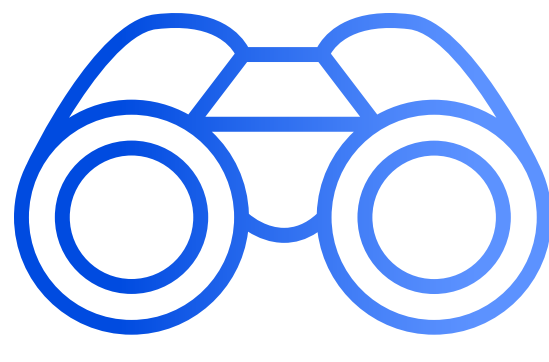
- 61%** Improvement in software quality
- 57%** Reduction in deployment failures
- 55%** Decrease in IT costs



Despite these improvements, many run into challenges maturing and scaling DevOps automation.



Organizations agree that **observability is a near-universal prerequisite for DevOps automation.**



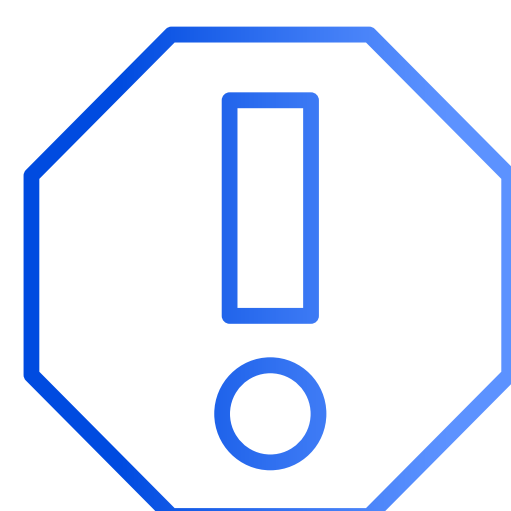
- 78%** say observability-driven automation has resulted in faster incident response and resolution times
- 74%** say observability tools have helped identify bottlenecks and automate delivery pipelines
- 71%** actively use observability data and insights to drive automation decisions and improvements in DevOps workflows

However:

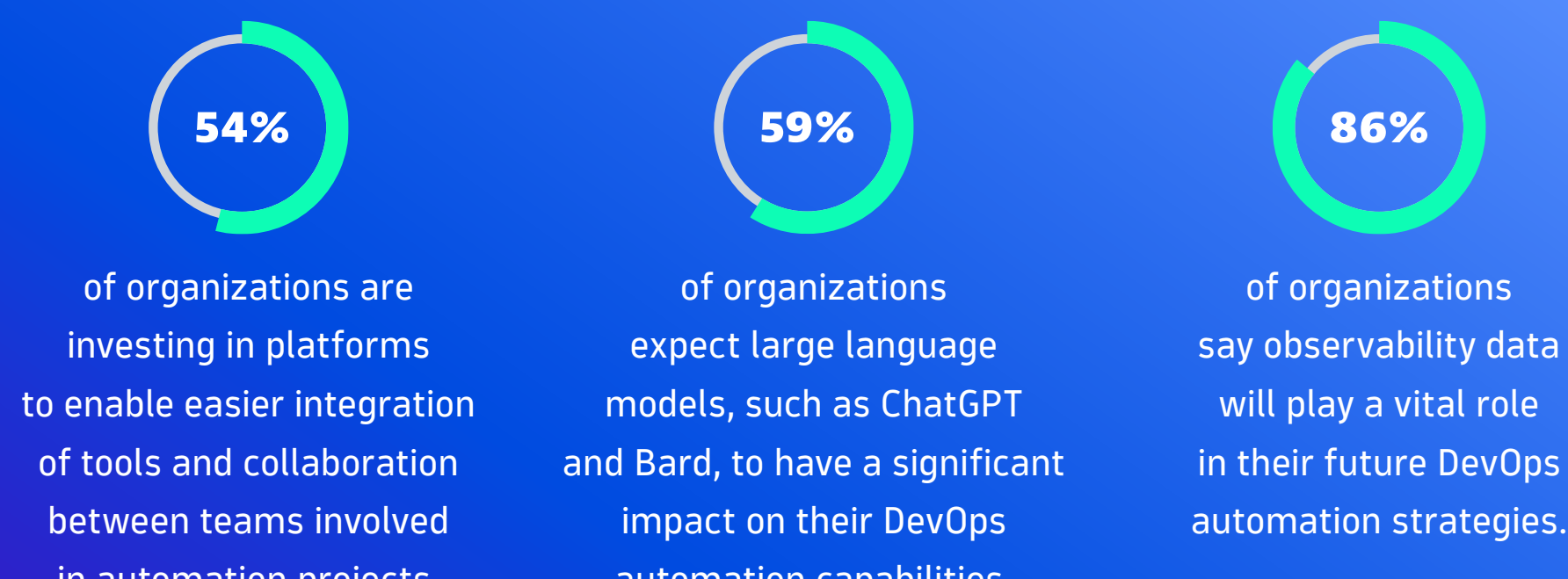
- 85%** of organizations face challenges using observability and security data to drive DevOps automation.

The top three challenges of using observability to support DevOps automation include:

- 51%** Inaccessible data
- 43%** Siloed data
- 41%** The need for data to flow through many systems to be analyzed



As they work to overcome these challenges:



Read the [full report](#) to discover more actionable insights from industry practitioners and what you can do to progress your DevOps automation maturity.

[Read the report](#)