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 automating DevOps practices:

- Improved analytics and insights
- Improved software quality
- Reduction in manual labor costs
- Better development, security and operations collaboration
- Observability will play a vital role in DevOps automation strategies going forward.
- Observability-driven automation has resulted in faster incident response and quicker resolution times.
- Observability tools have helped identify bottlenecks and automate delivery pipelines.
- 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.

- Infrastructure provisioning/management
- Security and compliance management
- Performance optimization
- Reliability automation
- Testing and release validation
- Progressive delivery

Dynatrace

Dynatrace sits at the intersection of observability and AIOps. We believe that the right data, insight and automation ensure reliable, high-performing digital experiences. Dynatrace customers include 85% of the Fortune 50, $4 trillion in market capitalization, and 25,000 customers across 50+ countries.

Dynatrace automates IT operations, empowering IT, DevOps, security and business teams to deliver exceptional digital experiences faster and with less risk, all at scale.

Dynatrace provides:

- Unique, centralized data
- AI-based automation
- Comprehensive ActionIQ
- Native, AIOps-powered DevOps
- DevOps-specific use cases
- Cloud automation
- Intelligent, scalable AI
- Interactive dashboards
- Real-time, global visibility
- Actionable insights

Want to know more and dive deeper into what you can do? Learn more at dynatrace.com/blog/it-automation.

Read the report
How Dynatrace can help you