Case Study

Industry: SAAS

Value Path

✓ Velocity
BetterCloud Drops Jenkins - Saves $180k and Deploys 3x Faster

“Our Jenkins pipelines were made of 1000’s of lines of Groovy scripts and we spent 100% of our time maintaining it.”

Taylor Daugherty | SRE Manager

BetterCloud Software Delivery Challenges
• BetterCloud was using Jenkins pipelines to deploy 300 services to Kubernetes nearly 25 times a day. Each deployment required a new Jenkins agent to be spun up and required nearly 20–30 seconds of unnecessary wait time per deployment. The pipelines were only capable of simple rolling deployments.
• Taylor’s team of two spent 100% of their time making sure the solution stayed operational.
• The Jenkins pipelines were made of thousands of lines of Groovy scripts. Onboarding a new service often required custom edits to these scripts. Sometimes the team would need to pull product engineers in to help fix pipelines.
• The team often hit problems in Jenkins that weren’t solvable.
• Any update to Jenkins pipelines required a scheduled production deployment freeze.

Benefits of Harness Continuous Delivery
• Harness increased the number of production deployments to 80 per day and reduced the team’s maintenance effort to 10%.
• Onboarding new services was made simple using Harness’s configuration and infrastructure as code.
• Harness’s declarative nature made it easy for new hires to learn how to deploy.
• The team got access to advanced deployment methodologies that accelerate the business’s pace of innovation.
• The team got access to key metrics to measure success.

Business Impact & ROI
• 3x increase in deployment velocity from 25 deployments per day to 80 per day.
• $180,000 dollars saved in maintenance effort every year

Harness is the industry’s first Continuous Delivery-as-a-Service platform that automates the entire CD process, keeps it secure, and uses machine learning to protect you when deployments fail.

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