



Value Path

 Velocity

 Governance



Erik Ahrend Lead Architect | MakerBot

MakerBot believes there's an innovator in everyone. As a global leader in 3D printing, they set the standard in reliability and ease-of-use by providing effective solutions for every stage of the 3D printing process. From the start, they have redefined the possibilities with 3D printing for users across all industries.

Compelling Event

Spinnaker became less functional as MakerBot added governance to their pipelines

CI/CD Ecosystem

Circle CI
Spinnaker
GCP- Kubernetes
Datadog
GitHub

"I don't have to worry about deployments, they just happen."

Harness is the complete CI/CD platform that automates the entire software delivery process, keeps it secure, and uses machine learning to protect you when deployments fail.
www.harness.io | demo@harness.io



MakerBot Reduces CI/CD Costs by \$275k and Replaces Spinnaker

"Our developers deserve best in class tools, Harness checks that box."

Erik Ahrend | Lead Architect

Continuous Delivery Challenges

- Spinnaker pipelines were difficult to conceptualize and the API's were difficult to work with.
- Armory was brought in to help build and manage the complex Spinnaker solution
- Deployments had a 48-hour lag between image upload and production deployment, making it faster to manually update helm than wait for Spinnaker
- Spinnaker's lack of RBAC was making change management an internal mess
- Erik spent three hours a day fielding Spinnaker requests and was often woken up in the middle of the night to handle issues
- A 6 month project was planned to fix Spinnaker's issues

Harness Benefits

- RBAC, Datadog, and Jira integrations came out of the box with Harness
- Self-service deployments for developers
- Pipeline as code means a developer can get a pipeline set up using Harness's seamless UI then copy and paste where needed

Business Impact & ROI

- \$150,000 saved in the cost of upgrading Spinnaker to meet Erik's needs
- \$118,000 saved in Erik's time spent answering Spinnaker questions
- Happier developers