



**“Harness is an  
'Easy Button' for  
Continuous Delivery.”**



*“We wanted to empower our Engineering and Business teams with self-service. We realized tangible benefits within weeks of implementation.”*

Andrey Budzar, Director DevOps, Linedata

# Linedata Achieves Global Continuous Delivery with Harness

## About

- Andrey Budzar, Director DevOps, Linedata
- Linedata's 1,300 employees in 20 offices provide global humanized technology solutions and services for the asset management and credit industries
- Headquartered in France, Linedata had revenues of EUR 179.0 million in 2017
- 50 developers and QA across 4 business areas

## Compelling Event

- Transforming into a modular, next-generation asset management platform (AMP) based on .NET core microservices running in the public cloud
- Internal CD initiative to increase developer velocity, strengthen feedback loop and reduce time-to-market

## CI/CD Challenges

- Scaling continuous delivery across 4 product teams, and 50 developers and QA in 5 countries
- Artifact deployments were performed by QA engineers manually, using Terraform, and custom bash scripts taking up to 1 hour per environment
- QA verification takes 3-4 QA engineers a minimum of 2 hours with manual handoffs and approvals around the world
- Duration of feedback loop is negatively impacted by geolocation and time zone differences

## Harness Benefits

- Automated artifact deployment across environments
- Automated artifact QA & verification tests are performed in parallel using Harness Continuous Verification
- CI Webhook integration with TeamCity

- Harness Jira integration makes handoffs and approvals seamless within deployment pipelines
- Harness engineering & customer success team delivered 3 key feature requests in weeks
- Role-based access control & governance
- Support for multiple cloud vendors and on-premises deployments

## CI/CD Ecosystem

- .NET Core, .NET 4.X
- TeamCity, Jira, Confluence, Cake, ReSharper, xUnit, WhiteHat, Selenium, LoadRunner
- AWS, EC2, ECS Fargate, Windows, Linux

**“We wanted to strengthen the feedback loop between Engineering and the Business to provide maximum customer value.”**

## Business Impact

- Better product experience for customers
- Realized tangible benefits within weeks of implementation
- 1 DevOps head enables global Continuous Delivery for 50 developers and QA in 5 countries
- Reduced deployment time by 80%
- Reduced deployment verification time by 88%
- Eliminated the need to incur \$500,000 in DevOps costs by implementing automation with Harness