“Developers are keen to jump into Harness and deploy their services themselves”

“Harness is a fantastic tool to get up and running. It was easy to pick up and learn.”

Alberto Romero, CTO
Harness Empowers HUMN.ai’s Developers to Deploy On-Demand

About
- Alberto Romero, CTO
- Callum Roberts, DevOps & Platform Engineer
- Andrew Reslan, DevOps & Platform Engineer
- HUMN.ai uses machine learning based models to quantify commercial fleet exposure at individual insured asset risk in real-time. RiskOS processes vast, diverse streams of data that, in conjunction with geospatial models, power dynamically-updating risk assessment algorithms, pricing and product offerings, tailored to the actual usage of individual insured assets

Compelling Events
- Provide & enable self-service for developers to create, modify, and deploy services independently using pipelines

“Spinnaker was very complex to set up and we didn’t have the time to manage it.”

Andrew Reslan, DevOps & Platform Engineer

Harness Benefits
- The HUMN team learned Harness in less than a week and was able to make production deployments
- Harness empowers developers to manage their own deployments
- The Harness CSM team created a seamless implementation process
- 117 services were deployed in 2 months using Harness
- Velocity is increasing without manual intervention. Developers are choosing to deploy more often

“While we deployed with Jenkins and Ansible it was hard to identify the running config in production.”

Callum Roberts, DevOps & Platform Engineer

CI/CD Challenges
- Legacy EC2 machines were being migrated to Kubernetes
- Jenkins & Ansible pipelines were used initially for production deployments but weren’t scalable
- Without a DevOps team there weren’t enough resources to manage a complex deployment tool
- A two-month Spinnaker POC resulted in failed features and headaches for everyone involved, specifically installation and administration of the platform
- Developers lacked the Kubernetes experience and the time needed to troubleshoot issues with Spinnaker given its complexity

Business Impact & ROI
- Drastic reduction in time spent maintaining delivery pipelines to focus on development
- Substantial increase of deployment iteration velocity by enabling developers to run their own pipelines and not depend on the DevOps team

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. www.harness.io | demo@harness.io