



Empowering enterprises to run mission-critical, stateful applications on Kubernetes in production



Your team faces a tall task in designing an IT infrastructure: balance developer agility and speed with the need for security and stability. The pursuit of that balance is why leaders across industries are turning to Kubernetes. It allows them to deploy applications faster, drive down costs, and apply security best practices.

By using Heptio and Portworx together, you gain unmatched expertise and support for deploying and running mission-critical, stateful applications on Kubernetes in production. These industry-leading solutions deliver security and stability with Kubernetes installation assistance; application-consistent backup and recovery; data management for containerized stateful apps; and 24x7 advisory and break-fix support. The end result? A reduction in your operations and infrastructure costs by 50% or more, and a more agile infrastructure to help you deliver customer value quickly.

CASE STUDY

A top 4 US mobile carrier needed to rebuild their core container platform to support a major launch, in which millions of new devices come on line within days. They put their trust in Heptio and Portworx.

CHALLENGES:

- **Scale:** The platform had to be able to handle the largest sales days from its outset.
- **Limited expertise:** The in-house team lacked experience in selecting appropriate tools and operating large-scale Kubernetes clusters.
- **No safety net:** The team also lacked production support for critical stateful services like databases in existing container technologies.

SOLUTION:

- **Validated designs:** Heptio provided guidance on how to build an environment that would support deploying Kubernetes in production across multiple clusters.
- **Products and support:** Heptio helped implement open source products to simplify the day-to-day management of Kubernetes, and provided support for scaling container clusters.
- **Data management:** Portworx PX-Enterprise enabled stateful services to run on Kubernetes with built-in HA, failover, snapshots, and multi-cloud support needed for production.

As a result, the team was able to successfully roll out a Kubernetes platform in time to support its massive mobile phone launch.



With Heptio + Portworx, you can:



Confidently deploy & run mission-critical applications on Kubernetes



Embrace a multi-cloud strategy along with the flexibility and control of upstream Kubernetes



Backup and recover stateful applications natively through Kubernetes



UNLOCK THE FULL POTENTIAL OF UPSTREAM KUBERNETES

Heptio provides the products and expertise that your organization needs to make best use of upstream Kubernetes. It's all neatly packaged into the Heptio Kubernetes Subscription. Design your footprint using validated designs. Manage Kubernetes through elegant tooling. Stay connected to community updates with proactive support.

Enterprises choose Heptio when they value:



No vendor lock-in: Operate upstream Kubernetes across multiple clouds and avoid the lock-in of conventional distributions.



Simple scale: Validated designs lay out the path to massive scale and multi-cluster management.



Unmatched expertise: Heptio was founded by the creators of Kubernetes and its open source projects have amassed thousands of GitHub stars.

Learn more at www.heptio.com or by emailing inquiries@heptio.com.



THE BEST CLOUD NATIVE STORAGE AND DATA MANAGEMENT FOR KUBERNETES

Portworx is the cloud native storage and data management solution of choice for databases, big and fast data workloads, and machine learning applications running on Kubernetes. Trusted across the Global Fortune 2000, PX-Enterprise provides: block, file, and object storage, deep integration with Kubernetes, and support for modern DevOps workflows like auto-scaling, application consistent backup and recovery, and multi-cloud operations.

We're proud to serve some of the world's most sophisticated enterprises



GE Digital

- Reduce infrastructure costs by 30-60%
- Accelerate time to market for container projects
- Eliminate cloud provider lock-in

Leading enterprises trust Portworx to manage data for mission critical containerized applications across multiple clouds with zero downtime or data loss, while dramatically reducing infrastructure costs. Learn more at Portworx.com or by emailing info@portworx.com.