

# Be Ready for Day 2 with Enterprise PKS™ and Portworx

You're investing millions to create a consistent, seamless experience across public and private clouds with Pivotal Enterprise Container Service®. But you can't ignore your data. Your applications have strict business requirements related to performance, reliability and security that require enterprise-class cloud-native storage and data management. The Portworx Enterprise Data Platform gives you the data mobility, performance and security needed to run mission-critical, stateful applications with Enterprise PKS™ in the hybrid cloud.

**Operate at enterprise scale.** With Portworx, you get the same scalability for data that Kubernetes provides for compute. Easily create thousands of volumes in minutes.

**Move data seamlessly between on-prem & the cloud.** Successful hybrid cloud strategies depend on the ability to move data between your data centers and the cloud. Portworx lets you escape data gravity and access data wherever you need it.

**Meet your SLAs.** With high availability, Kubernetes-integrated disaster recovery, the Portworx Enterprise Data Platform makes it possible to run stateful applications with Enterprise PKS™, while meeting strict data-specific SLAs and regulatory requirements.

**Get more out of your data.** Portworx simplifies data access and analysis using leading open-source SQL, NoSQL, Big Data and AI/ML technologies without requiring central IT to give up control.

**Secure data automatically.** Reduce security risks with automatic policy-based data encryption in transit and at rest as well as complete role-based access controls integrated with corporate authentication systems.

Portworx is proud to serve some of the world's most sophisticated enterprises



GE Digital



T-Mobile



## What T-Mobile has to say about Portworx

“ One of the key components of Kubernetes is the ability to persist data in our containers, but it's tricky, because you have to present storage through several abstraction layers. We are looking to put critical data into our Kubernetes environment, so we looked for a partner that would provide us a stable, performant environment. Portworx checked all those boxes.”

T-Mobile

James Webb,  
Platform Architect at T-Mobile.

*T-Mobile manages over 300 million production transactions per day with PKS and Portworx.*



## Make vSAN Container-Native

Portworx gives traditional enterprise storage solutions, including VMware's vSAN, the granular controls and cross-platform availability required to run mission-critical applications on Kubernetes. The Portworx Enterprise Data Platform runs on top of vSAN, giving you all the advantages of vSAN's tight integration with vSphere while providing the operational control and availability needed to run mission-critical applications with PKS in the hybrid cloud.

## Be Ready for Day 2

Enterprise PKS® ensures high availability, continual monitoring and mobility between environments for your compute resources—but when you're running mission-critical applications, you need the same functionality for your data. The Portworx Enterprise Data Platform provides the performance, high availability and disaster recovery needed to run mission-critical, stateful applications in the hybrid cloud, while still providing the mobility needed to move between environments.

## Meet the Portworx Enterprise Data Platform

**PX-Store** is persistent storage optimized for containers. PX-Store transforms your underlying hardware or public cloud storage infrastructure into a cluster-wide storage pool for all your applications running on Kubernetes.

On top of the scalable, enterprise-class, persistent storage layer **PX-Security** provides encryption and role-based access controls, **PX-Data Management** provides data mobility and backups optimized for Kubernetes and **PX-DR** ensures zero RPO disaster recovery and continuous global backups.

**PX-Central** is the user interface that sits on top of the Portworx data platform. PX-Central provides a single pane of glass to get complete monitoring and metrics on your data-rich applications running on Kubernetes, regardless of whether they are running on-premise or in the public cloud.

## Enable true hybrid cloud computing with Pivotal and Portworx.

