



About Customer

As the industry leader, DataScan delivers innovative solutions lenders rely on to manage the loan life cycle and track client assets, including vehicles, agricultural equipment, lawn and garden, construction equipment, motorcycles, ATVs, and home electronics and appliances.

www.onedatascan.com

Geo

North America

Industry

Financial Services

Solution Area

Enable Multicloud

Products in Use

Portworx® Enterprise

Taking the First Step to the Cloud with Confidence

As many IT providers for the financial services industry will tell you, there is always pressure to improve performance while maintaining the basics such as uptime and business continuity. DataScan, whose IT platform is used by clients in the financial asset management sector, is no exception.

When Lance Allred, IT infrastructure manager at DataScan, migrated the company's applications to a Kubernetes containerized environment, he needed an equally innovative storage solution to maintain demanding disaster recovery SLAs. Allred deployed the [Portworx Enterprise](#) Kubernetes data services platform, which is built from the ground up for containerized applications and helps ensure low recovery times during both regularly planned migrations and unplanned outages.

"Portworx is one of the few technologies that brings the convenience and flexibility of traditional storage to the containerized world."

LANCE ALLRED,
IT INFRASTRUCTURE
MANAGER, DATASCAN

Impact on DataScan



Demonstrates and delivers security to financial services clients



Simplifies storage, reducing costs and increasing scope for innovation



Supports business growth based on future-proof storage technology

Challenges



Deliver disaster recovery in a Kubernetes container environment



Support sustained testing and data center migration every six months



Demonstrate security and performance to build confidence ahead of a full-cloud migration

Results



100% storage support for disaster recovery in Kubernetes



100% success in data center testing



100% success in failover testing

Disaster Recovery in a High-Stakes IT Environment

IT service providers are constantly expected to improve the performance of their technology. To lower costs and accelerate software deployment for its clients, DataScan recently migrated its applications from virtual machines to container clusters orchestrated by Kubernetes.

Many storage architectures struggle to scale and move data between locations with the containerized model. This risked compromising DataScan's strong disaster recovery service, which reassures clients that their production environments will come back online—and stay online—by regularly moving production operations from one data center to another every six months.

"Disaster recovery is a non-negotiable with our clients," says Allred. "When we researched the Portworx Enterprise Kubernetes data services platform, we soon realized it would enable us to match our SLAs in the new environment."

A Big Leap toward Full-Cloud Migration

Portworx provides persistent volumes that keep Kubernetes clusters in sync across two separate data centers. This allows DataScan to maintain the regular production migrations that clients have come to expect. "Portworx is one of the few technologies that brings the convenience and flexibility of traditional storage to the containerized world," says Allred.

The expert support from Portworx helps DataScan maintain SLAs and customer confidence as the IT team gets up to speed on working with the new Kubernetes environment. While moving production operations to a new data center, DataScan discovered an error that threatened to derail the move.

"We started the process at one in the morning, and when we needed help, the Portworx team got on the phone and guided us through the situation in minutes," says Allred. "The support was second to none and allowed us to meet our recovery time objective (RTO)."

Portworx is also a critical step in the company's planned migration to a full-cloud, full-container infrastructure in a few years. DataScan realizes that some financial services companies are wary of cloud infrastructure due to concerns about data security. Demonstrating the security, reliability, and performance of the Kubernetes environment on-premises helps give clients peace of mind and prepare them for the eventual leap to the cloud.

"If I wanted to describe the ideal way to deploy and implement a product, I would use Portworx as an example," says Allred. "We now have the necessary security framework that demonstrates to clients that their data is safe, while we continue to innovate and attract new business."

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