

# Powering your digital transformation with Faction Cloud Control Volumes for VMware Cloud on AWS

The safer, faster, and more familiar path to cloud adoption

IT continues to lead business transformation, leveraging technology to create new ways to differentiate and compete. Companies are accelerating adoption of ground-breaking technologies to create an edge on their competitors, and cloud is powering this revolution.

There are, however, some additional points to consider:

- **Vendor Lock-In and high switching costs** - You incur high egress fees to export data from public cloud storage when moving to a different vendor or platform
- **Scaling storage capacity for VMware Cloud on AWS can be costly and complex** - Storage volume is linked to number of compute nodes, driving up cost as your application scales
- **Data Governance and Control** - Loss of control of data in public cloud leads to potential security and compliance risks, legal penalties and reputational damage
- **Complexity of unfamiliar cloud technology stack** - Adopting public cloud leads to high costs to hire and retain expertise, or to re-train existing staff on unfamiliar public cloud technology

When combined with Faction Cloud Control Volumes, our joint solution with VMware delivers durable, persistent, cloud attached storage, directly connected via patented network connectivity at a fraction of the price of comparable solutions.

## PRODUCT USE CASES

### DATACENTER OR APP MIGRATION TO CLOUD

Rapid migration of vSphere-based workloads to cloud with replication to Faction Storage. Reduce the risk and cost of cloud migrations as no conversion or refactoring is required. After lift-and-shift, take your time to transform applications using native VMware or AWS technology.

### HYBRID DISASTER RECOVERY AS A SERVICE

Deliver resilience with VMware Site Recovery, native VMware technology that is integrated with VMware Cloud on AWS. Accelerate time-to-protection, automate disaster recovery operations and save costs by only paying for compute on the target site once a failover occurs.

### DEV/TEST

Build dev/test environments that can integrate with modern CI/CD automation tools. Leverage Native AWS IaaS or PaaS services in your application once you are deployed. Save costs on storage by leveraging Faction's flexible tiered storage design.

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 +1 855 532 4734

 [getcloud@factioninc.com](mailto:getcloud@factioninc.com)

# Key Features & Benefits

## Faction Cloud Control Volumes for VMware Cloud on AWS



**SCALE UP WITHOUT ADDING COMPLEXITY**  
Cloud attached storage that scales as your applications require, without the need to add costly compute nodes.



**FLEXIBLE TIERING TO SAVE COSTS**  
Three separate performance tiers allows you to optimize your storage design, reducing costs by paying only for what you need.



**DECREASE RISK WITH DURABLE & PERSISTENT STORAGE**  
Faction storage is persistent unlike VMware Cloud on AWS that leverages local storage for vSAN, if a SDDC is shut down, all data is lost as the node is deleted.

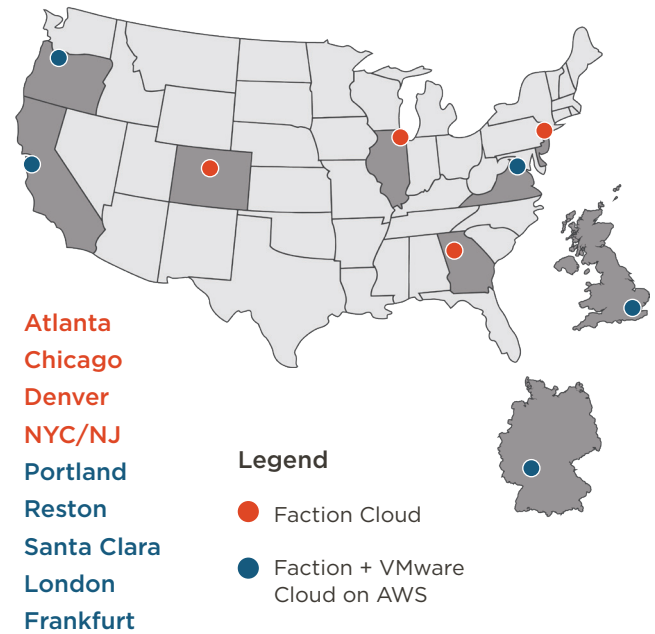


**INCREASE SPEED TO MARKET WITH RAPID CLOUD MIGRATION**  
Leverage existing skills and tools on familiar VMware technology and replicate directly from your on-premise storage arrays to Faction storage, reducing time from migration to production.

### Reference Architecture



### Available Locations



Faction Cloud Control Volumes come in 3 unique tiers, allowing you to optimize your storage design to save costs and match your application's performance.



#### FLASH

Optimal for production apps, transactional databases



#### PRIME

Optimal for Dev/Test, non-production apps, intranet, etc.



#### DEEP

Optimal for archival storage and data warehouse

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