FACTION®

Faction Cloud Control Volumes

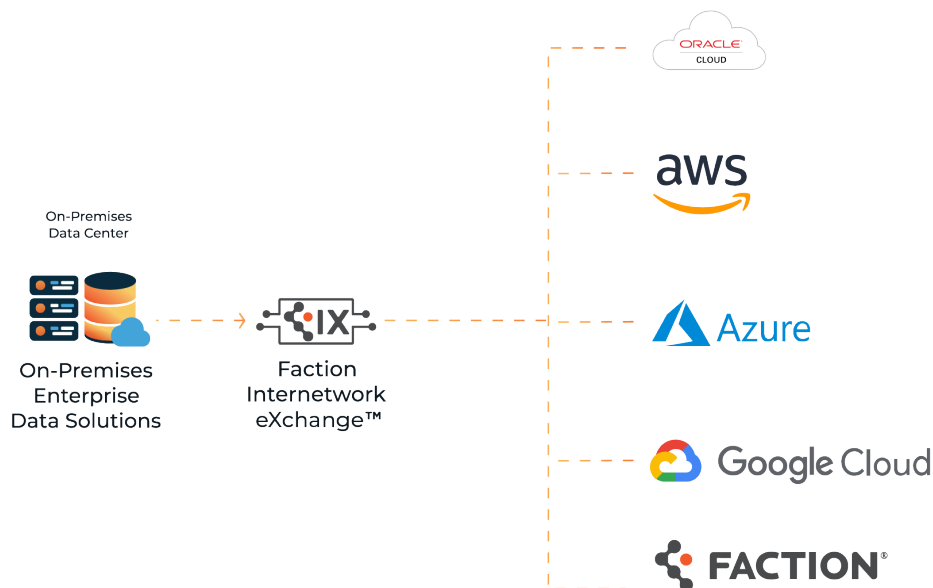### Centralized, durable, scalable, cloud-adjacent storage solution.

Faction makes it easy to give multiple clouds and apps simultaneous access to your data, reducing the cost and complexity associated with multi-cloud.

Businesses have embraced the concept of using multiple clouds, each provider having its own strengths and weaknesses. Businesses need to be empowered to pick and choose the services from each one that best meet the application and workload requirements. But using more than one cloud increases costs and complexity and can overload IT teams and create siloed data that's hard to access. It's imperative to have the ability to easily move workloads between clouds.

To help reduce costs and solve the emerging complexity you're likely to face, Faction has a solution that centralizes your data into a single copy, making it universally accessible by multiple clouds and apps — at the same time — via the Faction Internetwork eXchange (FIX). Faction's patented Layer 2 technology delivers low-latency, high-throughput connectivity while reducing costs, complexity, and silos by managing all your clouds in a single place.

According to Flexera 2021 State of Cloud Report: "92% of enterprises report having a multi-cloud strategy, using an average of 2.6 public clouds." And within that group, 45% are integrating data between clouds.

On-Premises Data Center

On-Premises Enterprise Data Solutions

Faction Internetwork eXchange™

ORACLE CLOUD

aws

Azure

Google Cloud

FACTION®

Solution benefits:

Unify data into a single location

Faction pioneered the data-first approach to multi-cloud using patented technology to make a single, centralized copy of your data accessible to all clouds at the same time. This eliminates data silos that occur when data is distributed between private and public clouds and prevents storing multiple copies of the same data, cutting storage costs by 3-4x.

Make your data universally accessible by all cloud providers

Only Faction's Cross-Cloud Routing™ enables all clouds to communicate with bidirectional access across all your clouds, providing the ultimate flexibility and control by allowing you to choose the right clouds that accelerate your business goals.

Achieve superior performance and 100% SLA storage availability

Faction's cloud-adjacent technology shortens the distance between physical and digital infrastructure to deliver superior performance with ultra-low latency (2ms or less), high-throughput connectivity that nearly eliminates transfer lag time to all the major clouds, and we do this while delivering 100% availability.

Slash cloud costs and reduce egress fees

Faction offers zero egress fees to transfer data out of Microsoft Azure and Oracle Cloud. You can also take advantage of greatly reduced spot compute instances regardless of cloud provider – reducing costs up 90% compared to on-demand instances. When cloud costs fluctuate between providers, you can easily spin up your compute capacity in another cloud without moving or losing your data.
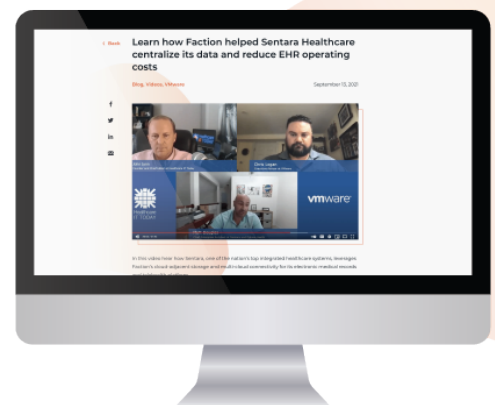
> **"Since this initiative we have seen a 500% increase in network traffic from patients remotely accessing the portal, scaling from 75 tele-health providers to 2,000. This means better care during the pandemic and continued remote care to more patients after the pandemic. Our transformation also lowered our overall infrastructure costs by 40-60%."**

Matt Douglas, Chief Enterprise Architect at Sentara and Optima Health

CASE STUDY

HOW FACTION HELPED SENTARA HEALTHCARE CENTRALIZE ITS DATA AND REDUCE EHR OPERATING COSTS

READ NOW!

Reduce infrastructure complexity

We make connections to all the different clouds simpler. Our patented technology makes it possible to move workloads from one cloud provider to another in a matter of minutes — a technology we call the Faction Internetwork eXchange (FIX) portal. As your business needs change and your workloads scale, you can use the FIX portal to ramp up public cloud connectivity to match, add new connections, change bandwidth, or delete connections to match your multi-cloud architecture.

FILE STANDARD	FILE PREMIER	OBJECT
BASE NETWORK CONNECTIVITY		
2 Gb/s (Up to 4Gbps)	10 Gb/s (Up to 20Gbps)	1 Gb/s (Up to 20Gbps)
STORAGE SCALING		
Base includes 20 TB	Base includes 15 TB	Base includes 100 TB
Scale in 1 TB increments	Scale in 1 TB increments	Scale in 1 TB increments
WORKLOADS		
Delivers a powerful solution for a number of workloads: • App Testing and Development • Data resilience (replication from on-prem) • Home directories • Replace on-prem file servers • Test/Dev - Dev/Test/Debug • Web content management	Best for applications that require a high amount of read access with performance SLAs: • Analytics and Machine Learning • App Testing and Development • Container Storage (Persistent Volume Claims) • Home Directories • Media Processing • Rendering • Big Data uses	Best for applications that require large amounts of data: • Big Data - AI/ML • Video Surveillance • Evidence Repository • Unstructured content global repository • Secondary Storage / Archive Storage • Tiering from File • Tiering from Backup • Offsite copy of On-Prem data
7000 32KiB IOPs	34332 32 KiB IOPs	2048 64 KiB IOPS
225 MBps Storage Throughput	1.125 GBps Storage Throughput	112.5 MB/s Storage Throughput

SPEAK WITH A
CLOUD SPECIALIST

+1 855 532-4734
getcloud@factioninc.com