Escape Your Secondary Data Center and
Get DR On-Demand With ClearSky and Faction

Hybrid cloud Disaster Recovery for your VMware Environment

» Eliminates secondary infrastructure for DR

» Simplifies DR operations and accelerates time-to-protection

» Native VMware integration

» Administrator-level access to VMware vCenter

» Multi-site availability: on-prem or cloud

» Recovery times backed by SLAs

» +50% cost savings

Why Pay for All This?

For decades, IT organizations have spent time and money on secondary data centers to keep their businesses running if a disaster occurs. Whether in a colo facility or your own dedicated site, all that duplicate infrastructure is costly and hard to manage. You have to purchase equipment, rack and stack it, upgrade and maintain it. Most disconcerting, you probably can't protect all your applications and your data because it costs too much, leading to unpleasant decisions about what to save and what to abandon.

A Better Way: Cloud-Based DR On-Demand

ClearSky Data and Faction have an alternative to costly secondary data centers—cloud-based disaster recovery that replicates your existing VMware environment. It combines Faction's on-demand VMware compute with ClearSky's on-demand primary storage, offsite backup, and DR, provided as an integrated service. You don't have to manage a secondary facility, procure secondary licenses, or spend resources and time standing up all that duplicate infrastructure. Instead, plug into a VMware-based offsite private cloud, running transparently in the background and available when you actually need it.

Costs that Disappear

» No secondary site management or expense

» No DR licensing

» No replication fees

» No cloud egress fees

» No secondary network lines

» No secondary application licenses

Preserves Your Familiar VMware Environment

Disaster recovery is stressful enough without trying to access your applications using new tools and functions you're not familiar with. Faction provides a VMware private cloud that looks and feels just like your primary data center—which is critical in a DR event. Open a vSphere client, access vCenter, and use your familiar toolset to manage your virtual machines and VMware environment. Faction data centers are located nationwide, offering high-speed private networking in tandem with your ClearSky storage service.
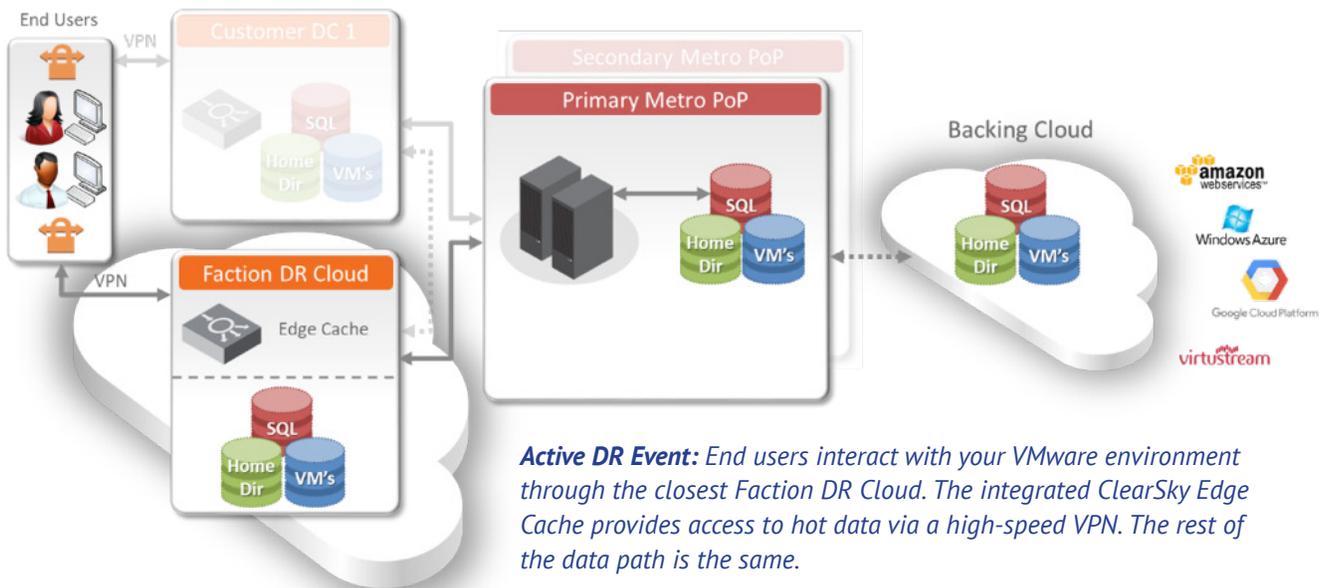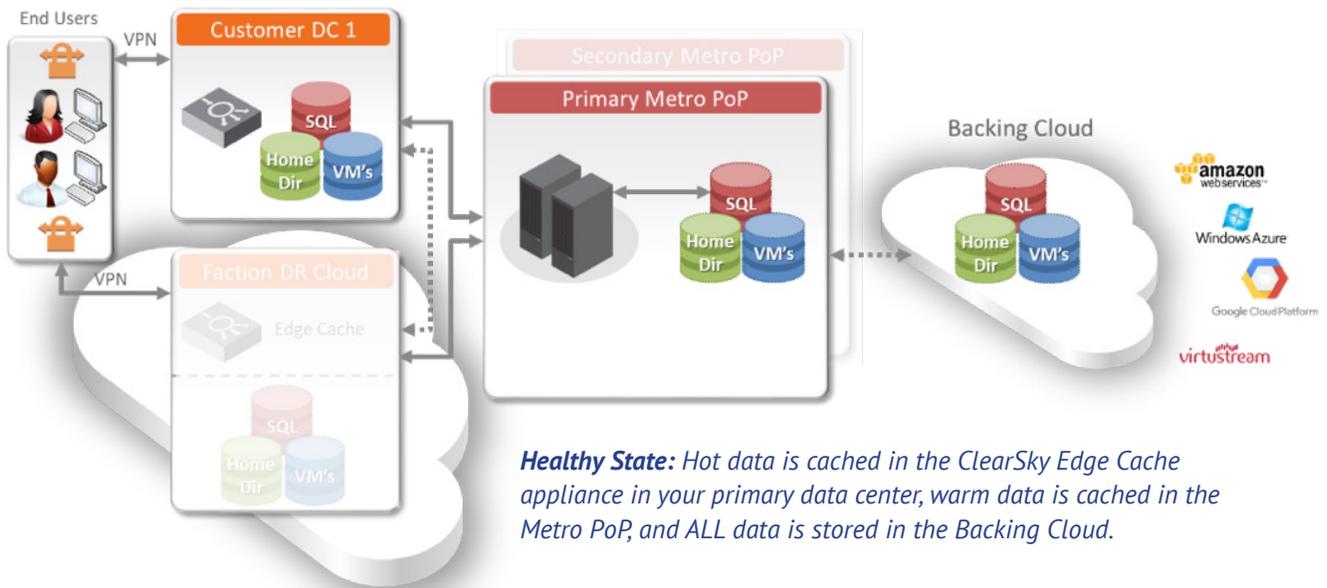
Pay for Resources Only When You Need Them

The ClearSky and Faction solution provides a very small footprint during healthy periods which can be turned up in the event of a disaster and turned down at all others times. A VMware private cloud with a dedicated vCenter, network connections, and a small set of management resources run 24x7. However, the memory and CPU resources that would be used in a DR event are available exactly when needed. When you need to fail over, the extra compute power is automatically injected into your cluster so you can power up your virtual machines and access your data. Free bi-annual testing is built into the service, ensuring you are ready in the event of a disaster.

How It Works:
VMware-Based DR On-Demand

Faction's private VMware cloud integrates with ClearSky's hybrid cloud storage network that includes built-in offsite backup and disaster recovery. During normal operation, hot data is cached in a ClearSky Edge Cache appliance in the primary data center, warm data is cached in a local metro Point of Presence (PoP) and ALL data is stored in the Backing Cloud consisting of leading cloud providers.

If you need to failover, your applications and data are readily accessible from the Faction private cloud using an Edge Cache appliance collocated in a Faction facility. (These facilities are located nationwide to ensure close proximity to end users.) You can import or clone a datastore into your Faction cloud environment and start recovering virtual machines immediately using the same toolset as your primary location.

Healthy State: Hot data is cached in the ClearSky Edge Cache appliance in your primary data center, warm data is cached in the Metro PoP, and ALL data is stored in the Backing Cloud.

Active DR Event: End users interact with your VMware environment through the closest Faction DR Cloud. The integrated ClearSky Edge Cache provides access to hot data via a high-speed VPN. The rest of the data path is the same.

Dramatic—and Measurable—Cost Savings

The ClearSky/Faction solution is available at a fraction of the cost of traditional active-active environments. Rather than buying and maintaining a second set of active resources, there's a monthly maintenance fee and a declaration fee if a DR event occurs. We can put you in touch with a specialist to discuss your specific configuration and the dramatic savings you can expect.

Safeguarding Your Business Just Got Easier

With ClearSky and Faction, all the costs and headaches of legacy DR infrastructure disappear. Now there's a much more cost-effective and easier way to keep your VMware environment running, regardless of what happens in your primary data center. You'll save time and money while protecting your applications, your data, and your business.

Features

- » Compute, primary storage, offsite backup, and DR in one fully-managed service
- » Built-in offsite data protection
- » Runs VMs from a nearby cloud location if a DR event occurs
- » Native VMware integration
- » Full administrator-level access to VMware vCenter, enabling operational consistency between your production and DR environments
- » Failover and failback with a few clicks, significantly reducing recovery times
- » Non-disruptive testing of your disaster recovery plan
- » Complete encryption, in transit and at rest, with customer key management
- » SOC 2 compliant
- » Point-in-time and application-consistent recovery points
- » Complete hybrid cloud integration

Recovery Points Backed by SLAs

You can specify recovery times that align with your DR strategy, which are guaranteed by Service Level Agreement (SLAs). For example, you may need to restore VMs and data within 15 minutes, one hour, four hours, etc. You can also define recovery points for specific applications or sets of applications—whatever the recovery point objectives (RPOs) are for your business.

Start saving money and gain peace of mind—protect your VMware environment with DR on demand.

About ClearSky Data

ClearSky Data delivers on-demand primary storage with built-in offsite backup and disaster recovery (DR) as a single service. Enterprises pay for their data once and gain access to it anywhere it's needed – on-premises or in the cloud. IT is empowered to stop doing backup, replication and DR, and to access all data as if it were local, with on-demand scaling and agility. ClearSky Data delivers data where it's needed, enterprise-ready and fully optimized to eliminate the cost and data center footprint of traditional storage solutions. For more information, follow ClearSky (@clearskydata) or visit http://www.clearskydata.com/.

About Faction

Denver-based Faction®, the Multi-Cloud Platform as a Service company, empowers clients by delivering maximum and unmatched control in hybrid and multi-cloud environments that perform like on premise, scale like public, and connect with patented ease and speed. Faction's Private VMware Cloud and VMware Cloud on AWS solutions and managed services are bolstered by the company's status as a Platinum-level NetApp Service Provider, a Premier Partner in the VMware Cloud Provider Program, and an early access partner for VMware Cloud on AWS. Follow Faction on Twitter (@Fractioning) and LinkedIn. For more information, please visit www.factioninc.com