Hybrid Cloud

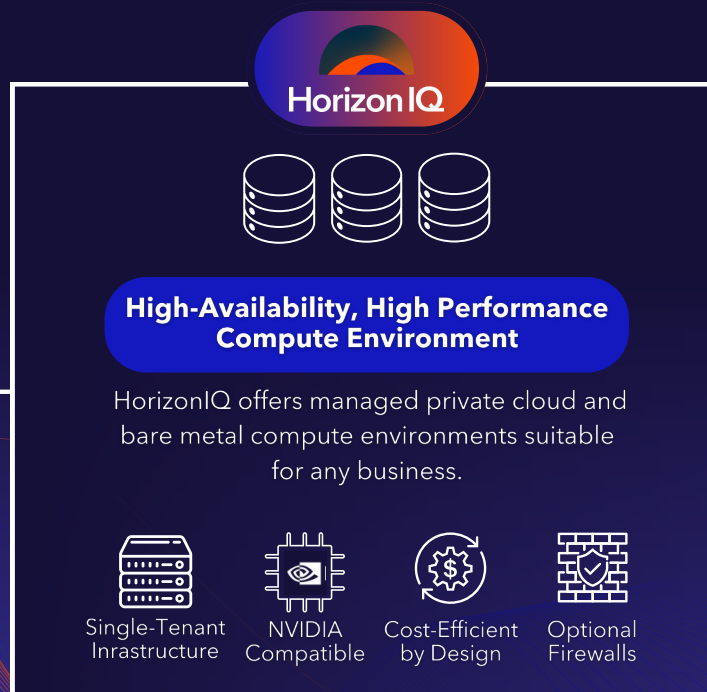## Right-sized for changing workloads and real budgets.

HorizonIQ's Hybrid Cloud gives you the control of private cloud with the scalability of public cloud, all on your terms.

Whether you're managing predictable workloads, bursting into the public cloud for spikes, or optimizing AI development cycles, HorizonIQ Hybrid Cloud puts you in control of performance and cost.

Lower your cloud spend by up to 50% by running steady workloads on flat-rate private cloud infrastructure and only paying for additional public cloud capacity when you need it.

Seamless Private-to-Public Cloud Connectivity

We combine single-tenant private infrastructure with low-latency links to AWS, Azure, GCP, and more. This gives you predictable performance for steady workloads and elastic scale for bursts and development.

IP Transit with Triple Carrier Redundancy

Horizon IQ

High-Availability, High Performance Compute Environment

HorizonIQ offers managed private cloud and bare metal compute environments suitable for any business.

Single-Tenant Inrastructure

NVIDIA Compatible

Cost-Efficient by Design

Optional Firewalls

Megaport

280+ Cloud On-Ramps

Real-World Use Cases

Experimental Development in Public Cloud + Production in Private Cloud

Perfect for AI development teams, this model lets you spin up public cloud resources for experimental training and scale them down when done. Once your models are production-ready, migrate them into HorizonIQ Private Cloud for cost-efficient, secure inference.
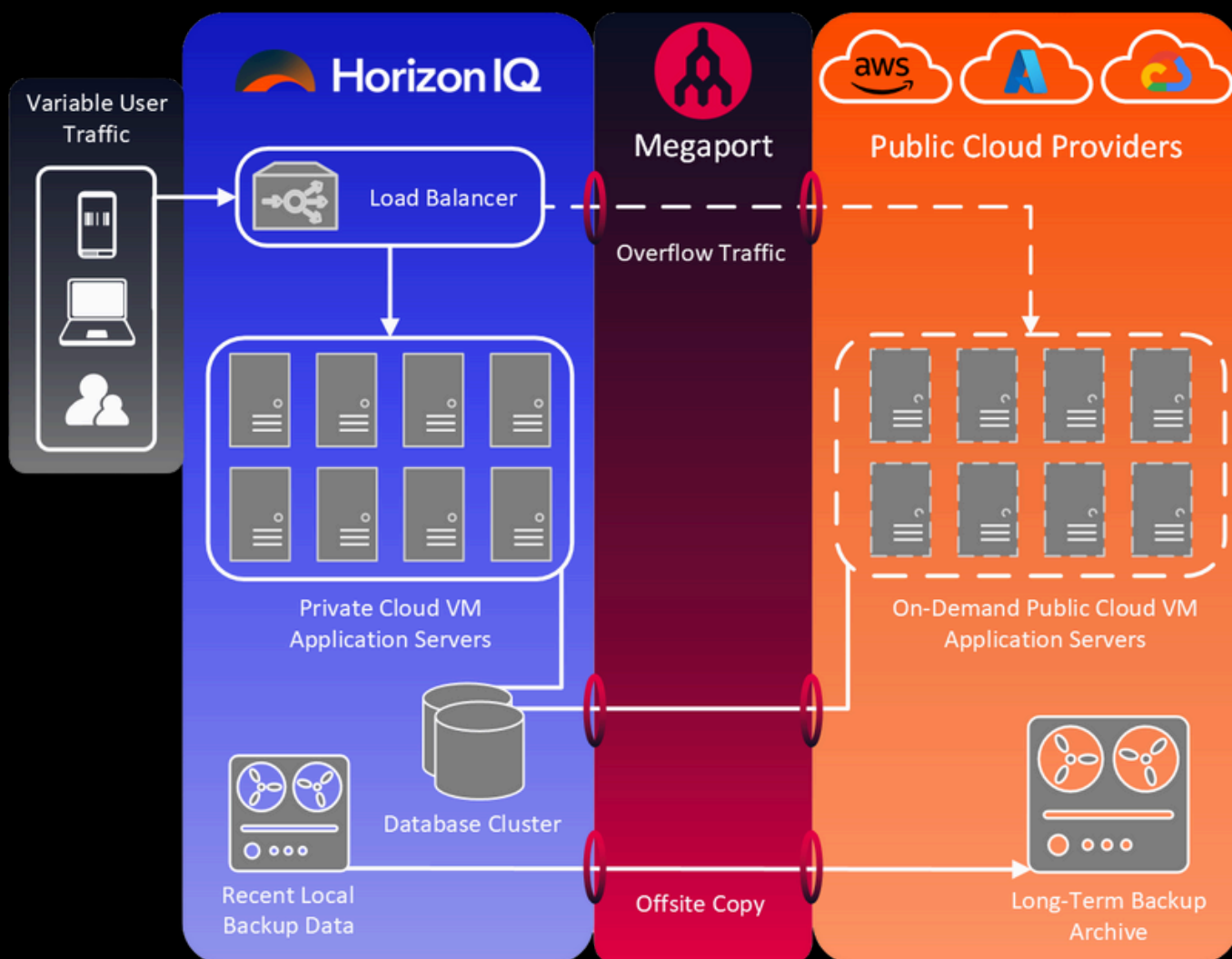
For example:

An AI team builds and trains models in AWS during early R&D. Once finalized, they move production inference to HorizonIQ Private Cloud, thus reducing cloud spend while gaining control and security over sensitive customer data.

Predictable Workloads + On-Demand Bursting

For businesses like multiplayer gaming platforms with predictable weekday traffic but unpredictable weekend or nighttime spikes, Hybrid Cloud is the ideal solution. Keep baseline workloads on HorizonIQ's Managed Private Cloud to save costs. When demand rises, burst into the public cloud – so you only pay for additional capacity when you actually need it.

For example:

A multiplayer gaming company runs steady weekday sessions in our private cloud at a flat rate. During weekend tournaments or peak hours, they spin up additional resources in AWS, GCP, or Azure, avoiding the cost of overprovisioning all week long.

Horizon IQ

Smarter Scaling and Storage with Hybrid Cloud

If you're spinning up public cloud resources to handle peak usage hours or leveraging public cloud for backup storage, HorizonIQ Hybrid Cloud reduces the cost and complexity of your architecture. The low latency connectivity allows resources within the public cloud to rely on the core infrastructure hosted in your private cloud, reducing costs on usage-based public cloud databases.

Whether your archival data is for compliance purposes or data security, the HorizonIQ Hybrid Cloud reduces the bandwidth costs and provides a fast path for speedy data restoration.

Hybrid Cloud at a Glance

Choosing the right environment for each workload is key to optimizing cost, performance, and control.

Here's how private and public cloud options compare in a hybrid deployment.

Private Cloud	Component	Public Cloud
Steady, predictable, or sensitive workloads	**Workload Types**	Variable workloads, burst capacity, experimental dev/test
Flat monthly rate	**Billing Model**	Consumption based pay-as-you-go
Single-tenant, high compliance	**Security**	Shared infrastructure
Full ownership and isolation	**Data Control**	Public/shared
Low-latency, controlled	**Latency + Performance**	Elastic but less predictable

The Best of Both Clouds

Hybrid Cloud gives you the best of both worlds: private cloud control for predictable workloads, and public cloud elasticity when demand spikes.

Lower your cloud spend by up to 50%

Run known workloads on flat-rate private cloud and avoid public cloud overage fees.

Seamless interconnectivity

Low-latency connections from HorizonIQ Private Cloud to AWS, Azure, GCP, and more.

100% Uptime SLA

Stay online with our guaranteed infrastructure and network uptime.

Self-Managed or Fully Managed Options

Manage your hybrid setup your way — or let us handle it for you.

Spend Portability

Shift infrastructure investments across our services as your needs change.

Global Reach

Deploy workloads closer to your users with our nine-region global footprint for reduced latency and regional compliance.

Where Hybrid Cloud Excels

This solution is ideal when you need predictable costs for steady workloads and instant scalability for everything else.

AI Development
Train models in public cloud, then shift production inference to private cloud for cost control.

Gaming Backend
Run predictable weekday traffic on private cloud and burst to public cloud for weekend spikes.

SaaS Applications
Support steady base load privately while bursting to public cloud for sudden user demand.

Disaster Recovery
Keep production in private cloud with public cloud ready as an on-demand DR failover site.

Big Data & Analytics
Process sensitive, ongoing analytics privately while tapping public cloud for ad hoc jobs.

Web Traffic Spikes
Host normal site traffic on private cloud and scale instantly in public cloud for promotions or events.

FAQs

Can HorizonIQ help set up connections to AWS, Azure, or GCP?

Absolutely, we are happy to help. We offer low-latency interconnects to major public cloud providers like them.

Does HorizonIQ support containerized workloads?

Yes, our Proxmox-based private cloud environments offer native container support.

How do I control workload placement between private and public cloud?

Depending on your unique deployment, you can leverage options such as load balancers, Infrastructure as Code software like Terraform, or container orchestration tools like Kubernetes to make sure your workloads are supported by the best platform for your needs.

How do I manage my hybrid infrastructure?

Our Compass portal offers real-time visibility and management of your HorizonIQ infrastructure.

HorizonIQ