



USE CASE

PRODUCTION WORKLOADS IN THE CLOUD

Drive cloud profits on your own enterprise-class IaaS cloud, a cloud with plenty of horsepower. We can build single virtual machines with 1 TB RAM, 64 vCPUs and 100,000 IOPS to support the most demanding enterprise workloads.

REDUCE IT COSTS

Lower capital and operational costs by leveraging our infrastructure and expertise. You'll reduce costly hardware refreshes and free your staff to focus on your core business.

SIMPLIFY ADMINISTRATION

Automated resource management simplifies administrative tasks while enabling you to manage all VMs in your environment. You can manage huge data sets with ease and create customer-facing systems quickly.

INCREASE BUSINESS AGILITY

Instantly provision storage and scale resources up or down as needed with real-time access to additional network, storage, and computing resources. You can use the same IP schema on our cloud as you do on premise.

USE CASES

Data center extension. Gain additional capacity without expanding your data center footprint.

Hybrid cloud. Enable portability between on-premise, co-located, and cloud environments.

High-performance computing. Support enterprise-class tier 1 apps that demand low latency.

Peak or seasonal needs. Enable dynamic, on-demand expansion to address cyclical business.

About HorizonTek, Inc.

- » Aggregated performance—without capital expense—that only an infrastructure of our magnitude can provide.
- » 24x7 customer support and 100% availability Service Level Agreements (SLAs).
- » Patented private Layer 2 pathways to Faction's cloud on your existing carrier. Bring your network 'as is' without investing in time consuming re-designs of vLANS, VPNs, IP schemas and topologies.
- » Data centers spanning eight geographies worldwide reduce latency of critical applications.

NEARLY

50PERCENT

OF ALL ENTERPRISES SET ASIDE BUDGET FOR CLOUD INVESTMENTS*

*James Staten, Vice President and principal analyst serving infrastructure and operations professionals, Forrester Research, 2013 Cloud Predictions: We'll Finally Get Real About Cloud, December 3, 2012.



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TECH SPECS

	COMPUTE ENVIRONMENT	Open Compute 2.0 sleds; all solid state including boot	<ul style="list-style-type: none"> » Intel E5: 1-2 sockets 64-256 GB RAM » Intel E3: single sockets 32 GB RAM » AMD: 2-4 sockets 32-128 GB RAM
		Cisco UCS B-Series; all solid state including boot	» Intel E5: 1-4 sockets up to 1.5 TB RAM
	Compliance	SSAE 16 SOC 1 and 2 Type II, HIPAA, PCI-capable	
	Environmental	N+1 (or better) redundancy for power and cooling	<ul style="list-style-type: none"> » A B + C AC power circuits » N+1 fan and power supply minimums
	Host Network	Redundant connections for isolated storage, interconnect, and application networks	» Native dual 10 Gbps; active-active to host
	Network Fabric	High performance distributed core 10 Gbps technology	<ul style="list-style-type: none"> » 600 nanosecond port-to-port latency » Non-blocking fabric
	Storage Fabric	Redundant, high-performance connections with optimized path to hosts	<ul style="list-style-type: none"> » Up to 40 Gbps per storage node » Low-latency IP transport
	Carrier	Multi-carrier blend of Tier 1 and Tier 2 providers, dynamic routing and peering provides sub-40ms latency coast to coast	
	Interconnect Fabric	TRILL-based (Transparent Interconnection of Lots of Links) patent-pending layer 2 network topology	<ul style="list-style-type: none"> » .3 ms convergence » Any subnet anywhere, multi-tenancy » Virtual Routing Forwarding (VRF)
	HOST VIRTUALIZATION	Licensed monthly based upon consumed RAM	<ul style="list-style-type: none"> » VMware vCloud Director, vCloud API » VMware vSphere Enterprise Plus » VMware vShield, vShield Edge
	STORAGE TIERS	Underlying data storage volume served from multitenant, redundant network attached storage	
		High Performance	NetApp Features & Protocol Support <ul style="list-style-type: none"> » RAID DP, WAFL, VSAN, clustered Data ONTAP®, associated features, multipathing » File Protocols: NFS » Block Protocols: ISCSI
		Standard Performance Optional	
		Archival Optional Add-On	
	OPTIONS	NetApp StorageGrid Object Storage	
		File Protocols: NFS, CIFS	» REST and CDMI compliant over http/s. NFS/CIFS compatible in data center
		Software licensing options available for VDI, backup, recovery, and DR	
		Available for purchase through VMware Cloud-Credit program	
		Cloud migration services by RiverMeadow	

OUR PARTNERS


www.horizontek.com

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