



USE CASE

VIRTUAL DESKTOP INFRASTRUCTURE

In today's always-on world, employees work from anywhere and everywhere at all times of the day and night, using a variety of devices. With HorizonTek's Hosted VDI, end users can access data and applications no matter where they are and regardless of what device they are using.

FACILITATE IT GOVERNANCE

Set and enforce organizational standards, align desktop computing with overall business objectives, and simplify software licensing compliance with our centralized control.

IMPROVE MOBILITY

Access your desktop anytime, anywhere, on any device with our low-latency cloud node connections that span six geographies world wide.

IMPROVE SECURITY

Ensure your desktop environment is secure by hosting it in on dedicated platform in our redundant, resilient, and compliant enterprise-class data centers.

MEET GREEN INITIATIVES

Replace PCs with thin clients or zero clients and eliminate network infrastructure at remote offices to significantly reduce power consumption.

USE CASES

Disaster Recovery and Regulatory Compliance. Enable continuous access to end-users' desktops and help achieve HIPAA and other regulatory compliance.

Corporate Expansion and Remote Office Computing. Quickly plug into the parent information system simply by accessing the corporate virtual desktop.

Converged Desktop. Utilize one converged device as the virtual desktop, phone, and video.

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 HorizonTek's cloud on your existing carrier. Bring your network 'as is' without investing in costly and time consuming re-designs of vLANS, VPNs, IP schemas and topologies.
- » Dedicated network connection from your premise to our cloud.
- » Data centers spanning eight geographies worldwide reduce latency of critical applications.

NEARLY 50%

OF SURVEYED IT PROFESSIONALS HAVE CURRENT IT STRATEGIES THAT INCLUDE VDI*

* <http://www.businesswire.com/news/home/20130115005594/en/Dimensional-Research-Report-Depicts-2013-Year-VDI>



VIRTUAL DESKTOP INFRASTRUCTURE

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 Block Storage using iSCSI Protocol	
		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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