LAYER 2
DIRECT CONNECT

Enjoy on-ramps to the cloud from your premise, your data center or from cloud to cloud. Leverage up to 10Gbps dedicated links accessible in every major metropolitan market.

ESTABLISH PRIVATE CONNECTIVITY TO YOUR CLOUD

Establish a completely private dedicated on-ramp from your premise, data center, or from cloud to cloud. Maintain network isolation while establishing private connectivity to multiple interfaces.

REDUCE COMPLEXITY OF LAYER 3 NETWORKING

Deploy your application stack as-is without the complexity of layer 3 networking. Our patent-pending layer 2 topology eliminates the need to provision and manage complex firewalls, routers, and Spanning Tree Protocol [STP] as it relates to your cloud network. And with HorizonTek you can extend your IP schema, allowing you to keep the IP addresses you currently use.

PROVISION AND LEVERAGE YOUR EXISTING VLAN

TOPOLOGY Use the same connection to access both public and private resources while maintaining network separation between public and private environments.

GAIN CONSISTENCY WITH DEDICATED LINKS

Gain consistency with dedicated links, delivered by HorizonTek's incumbent service providers. Benefit from low latency and quality of service (QoS) for a more

USE CASES

Hi-performance applications. Voice and video apps thrive in our low latency environment.

Large data sets. Transfer business critical data directly from your environment in and out of HorizonTek bypassing your ISP and removing network congestion.

Hybrid Environments. Use any combination of network access points via private line. Interconnect among the services and infrastructure you already own.

About HorizonTek, Inc.

» 24x7 customer support and 100% availability Service Level Agreements (SLAs).

» Aggregated performance—without capital expense—that only an infrastructure of our magnitude can provide.

» TRILL-based patent-pending layer 2 topology simplifies deployment of your global cloud network.

» Dedicated network connection from your premise to our cloud.

» Data centers spanning eight geographies worldwide reduce latency of critical applications.

SO CRITICAL IT'S

PATENTED

PATENT PUBLISHED

HorizonTek

LAYER 2 DIRECT CONNECT

TECH SPECS

COMPUTE ENVIRONMENT		Open Compute 2.0 sleds; all solid state inluding boot	» 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
DATA CENTER ENVIRONMENT	Compliance	SSAE 16 SOC 1 and 2 Type II, HIPAA, PCI-capable	
	Environmental	N+1 (or better) redundancy for power and cooling	» A B + C AC power circuits » N+1 fan and power supply minimums
NETWORKING	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	» 600 nanosecond port-to-port latency Non-blocking fabric
	Storage Fabric	Redundant, high-performance connections with optimized path to hosts	» Up to 40 Gbps per storage node » Low-latency IP transport
WAN	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	» 3 ms convergence » Any subnet anywhere, multi-tenancy » Virtual Routing Forwarding (VRF)
HOST VIRTUALIZATION		Licensed monthly based upon consumed RAM	» 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	SAN attached flash-enabled for high availability, performance, flexibility and host persistence	**NetApp Features & Protocol Support** » RAID DP, WAFL, VSAN, clustered Data ONTAP®, associated features, multipathing » File Protocols: NFS » Block Protocols: ISCSI
	Standard Performance Optional	SAN attached flash enabled for high availability and flexibility. Volume dependent.	
	Archival Optional Add-On	NetApp StorageGrid Object Storage	
		File Protocols: NFS, CIFS	» REST and CDMI compliant over http/s. NFS/CIFS compatible in data center
OPTIONS		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

NetApp Service Provider

cisco Powered

vmware vCLOUD POWERED

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