



# Virtual Desktop Infrastructure

Purpose-built for demanding IT environments

<p><b>2X</b> VIRTUAL DESKTOPS PER NODE</p>	<p><b>99.9999%</b> AVAILABILITY</p>
<p><b>2.1TB</b> USABLE STORAGE CAPACITY</p>	<p><b>94%</b> EFFICIENCY FOR SINGLE VPG</p>

The Pivot3 storage-centric approach for virtual desktop infrastructure (VDI), characterized by high-capacity needs and I/O-intensive workloads, delivers high performance, lower cost and higher availability than traditional alternatives.

Our VDI solutions are powered by vSTAC OS, the shared storage and compute system, to enable radical end user simplicity so you can focus on only the number of desktops you deploy. With incremental scalability from proof-of-concept to production, customers can count on a predictable ROI and significantly reduce the need for large upfront IT infrastructure investments. Pivot3 VDI solutions deploy and dynamically scale in minutes for significant savings on cost per desktop.

## Key Advantages of Virtual Desktop Infrastructure

### Self-Healing Virtual Desktops

Systems restart automatically in the case of appliance failures, with failover and migration of virtual desktops managed through VMware vCenter.

### High Availability Storage

Shared storage and compute resources across the array create highly available storage volumes that exist on all drives, with up to five drive fault tolerance without compromising existing data stores.

### Automatic Load-Balancing

Resources are automatically load-balanced across all nodes so performance is effortlessly delivered to desktops that are exerting the highest demand.

### Industry-Leading Capacity

Start with a single node with 2.1TB of usable storage capacity and scale up to 1.4PB of usable capacity at 94% efficiency within a single Virtual Performance Group, aggregating usable capacity, efficiency and performance as you scale.

### Dynamic Expansion

As nodes are added to an existing array, new storage, network, and compute resources are dynamically added to the unified pool, which is ideal for smaller environments that expand over time and improves response times to changing user requirements in the field.

### Lower Costs for Higher Performance

4X cost reduction for power and cooling compared to systems requiring physical servers and physical SAN or NAS, with low entry costs for enterprise-class vSAN storage performance and failover features.

## Customer Benefits of Virtual Desktop Infrastructure

### Rapid Deployments

User centric plug-and-play VDI deployments in under an hour with linear scalability from 100s to 1,000s of desktops for easy expansion.

### High Availability and Greater Fault Tolerance

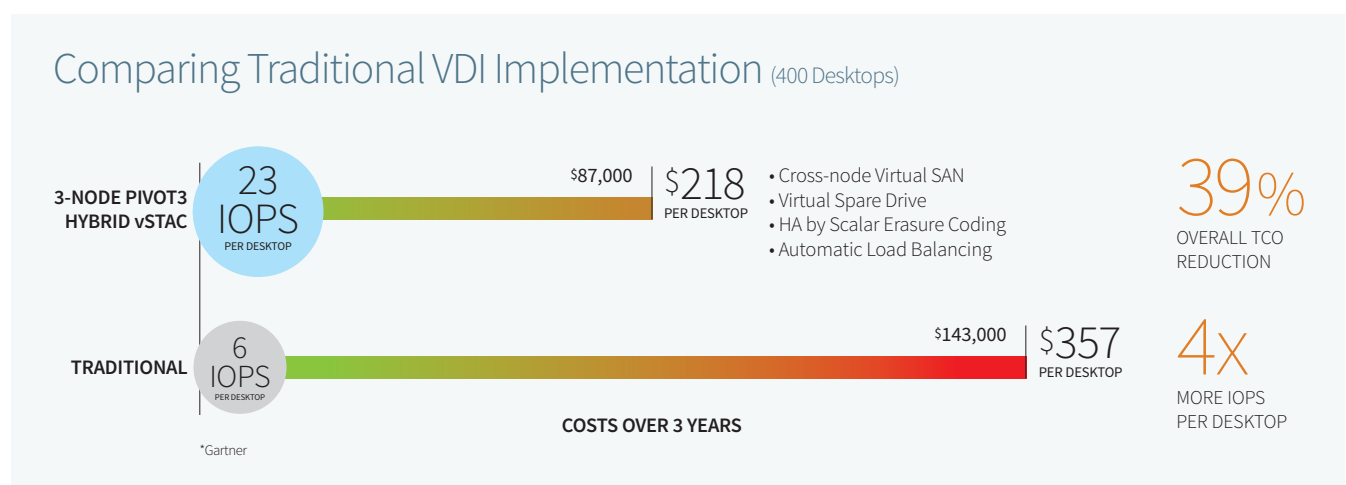
Minimize risk with 99.9999% availability and no single point of failure for storage, server, or network resources.

### Do More with Less

Spend less and get more than 2X the virtual desktops per node than replication-based HCI options, as well as high-speed SSD storage and automatic load-balancing.

### Pre-Packaged & Purpose-Built

Fast and easy “Horizon-in-a-box” experience, with no need to pay for unnecessary hardware.



## Use Cases



### Mobile Secure Desktop

Today’s workforce is increasingly mobile and dispersed, leaving IT managers to wrestle with how to support more user devices and maintain security across appliances and data.



### Graphics Acceleration

Enhance the desktop user experience with graphics acceleration options from Pivot3, Teradici and NVIDIA. Deliver a streamlined user experience by maximizing graphics operations and display times.



### Federal Secure Workspace

Pivot3 offers a simple, scalable federal workspace VDI-validated design infrastructure from leading vendors that eliminates the complexity of building out and integrating infrastructure.



### VMware Horizon Suite

Pivot3 dramatically simplifies your full Horizon Suite production deployment with the only virtualized storage and compute node purpose-built for Horizon Suite that ships from the factory pre-configured and ready to deploy.



### Healthcare

Pivot3 offers a simple, scalable healthcare VDI validated design infrastructure that enables you to focus on health-care and not the complexity of building out and integrating infrastructure.