

vSTAC VDI P Cubed™ Appliance

VIRTUAL DESKTOP INFRASTRUCTURE (VDI) STARTER APPLIANCE



- Speed VDI pilots: 0 to VDI in under 60 minutes
- Simplify VDI design
- Save up to 40% on CapEx and OpEx
- Eliminate storage as a barrier to deployment



P Cubed™ - the all new VDI Starter Appliance from Pivot3

A self contained ready-to-deploy starter appliance for 10-100 desktop production pilots which includes pre-configured trial licenses for essential VDI software.

KEY FEATURES

High-performance VDI Platform

Users can run over 100 virtual desktops on each vSTAC VDI Appliance. Scale VDI compute, storage and network resources linearly by adding appliances. Storage performance is automatically load-balanced across appliances to ensure that virtual desktops receive the optimal resources, regardless of which appliance they are running on.

Simplify VDI Design

With the Pivot3 VDI Configuration Tool users can configure a VDI deployment in minutes. This simple planning utility converts a few user inputs regarding desktop virtualization user profiles into a proposed infrastructure configuration complete with ROI calculations.

Speed VDI Pilots

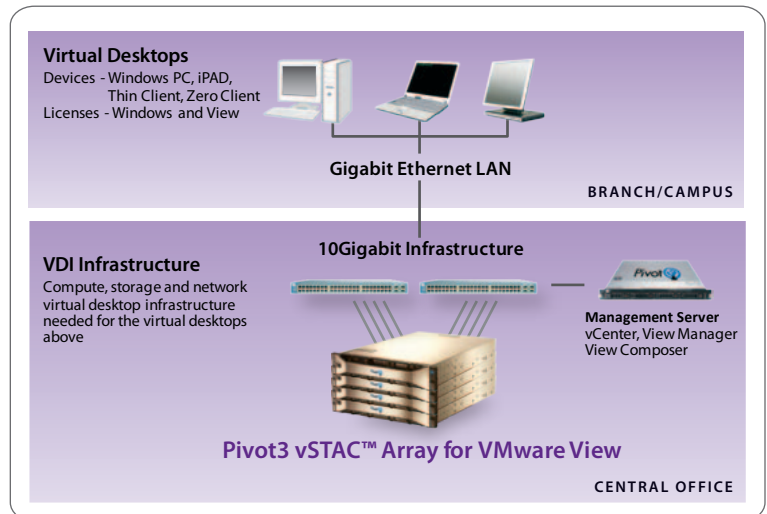
The vSTAC appliance model allows customers an opportunity to start with a low entry cost, single pre-configured appliance as a pilot and then add additional appliances dynamically as they scale out more production desktops. This means that there is no discontinuity in architecture from pilot to production and a predictable ROI.

Scale-as-you-grow

Simple plug-and-play appliance model consolidates server and storage resources into a single hardware platform to reduce power, cooling, rackspace and cost over systems with separate physical servers and physical storage. Allows for simple future planning with the same cost basis as one hundred virtual desktops or ten thousand virtual desktops.

Eliminate Storage as a VDI Barrier

VDI has a set of demanding storage requirements that can be daunting to administrators familiar with desktops and servers. Pivot3 has found a way to bypass the steep learning curve on storage and avoid the heart-stopping investment required by over-provisioned conventional SAN or NAS systems. The appliance approach allows administrators to respond quickly to changing desktop demands in the field.



Patented vSTAC OS Technology

The vSTAC OS simultaneously runs VMS archiving applications in virtual server environments and creates, protects and load balances IP SAN capacity and performance across all the drives, solid state, network and RAID resources contained within the appliances in the vSTAC Array.

Software Licenses to Get You Up and Running

Pivot3 vSTAC VDI P Cubed includes licenses for:

- VMware View
- vCenter (30 day Trial)
- vSphere
- MS Windows Server 2008



vSTAC VDI P CUBED SPECIFICATIONS

vSTAC VDI and P Cubed Appliances



Virtual Server Specifications

- Dual six-core Intel® Xeon® Processor X5675
- 96 GB RAM
- Two 10 GigE SFP+ for LAN and iSCSI connectivity
- Integrated VMware vSphere 5.0 hypervisor

Storage Specifications

- 50 GB SLC write-cache flash
- 150 GB SLC flash tier
- 3TB Enterprise SAS tier
- All storage resources scale-out as appliances are added

vSTAC Specifications



vSTAC Scaling Specifications

- Stack 3 to 8 appliances in a vSTAC
- Scale to hundreds of virtual servers
- Scale to 24TB iSCSI SAN
- Scale to 8 parallel RAID controllers

Virtual Server Management

- **VMware vMotion™** – Migrate virtual servers dynamically between vSTAC VDI appliances in a vSTAC
- **VMware HA™** – Failover virtual servers across vSTAC VDI Appliances.
- **Optional VMware vCenter**–Facilitates administration

Dynamic Storage Scaling

- Dynamic logical and physical capacity expansion
- Dynamic disk and RAID controller load-balancing
- Dynamic iSCSI multi-path and load-balancing

Storage Protection

- No single point of failure
- Distributed virtual sparing
- Predictive drive sparing
- Multi-path protection for iSCSI connections
- RAID 6x – 5 simultaneous disk events or - 2 drives and an entire appliance
- RAID 6e – 3 simultaneous disk events or - 1 drive and an entire appliance
- RAID 5e – 1 disk event or - an entire appliance
- RAID 1P – Triple Mirroring for SLC SSD Tier

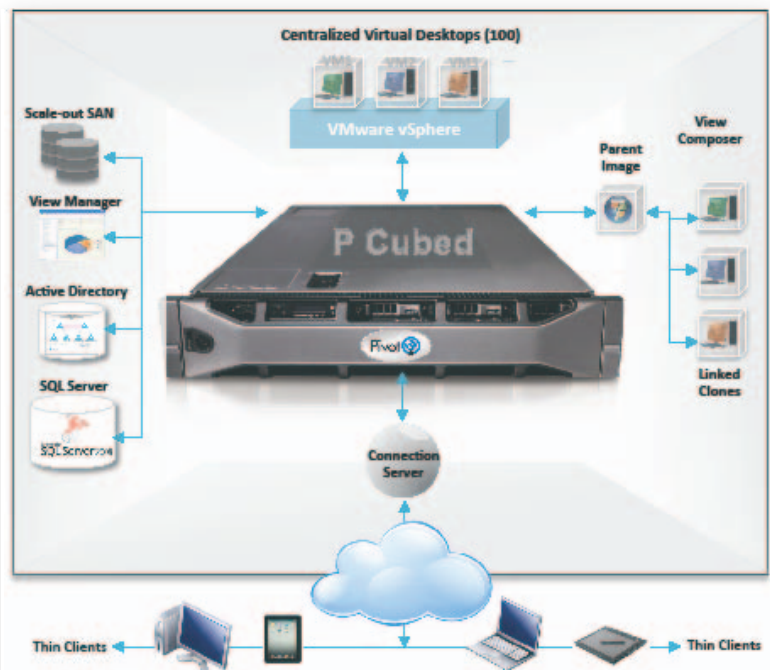
Management Software

- **vSTAC Manager** configures vSTACs and runs on any PC

Alarms and Alerts

- State-sensitive LEDs indicate drive events
- vSTAC Manager indicates state changes
- SNMP MIB support for email notification

P³ - the vSTAC VDI Starter Appliance



Configure Your System On-line:

VDIconfigurator.pivot3.com

Schedule a VDI Test Drive:

www.pivot3.com/testdrive

