

# vSTAC SLX

## Hyperconverged Infrastructure for the Full Spectrum of Datacenter Needs



**EFFICIENCY,  
RESILIENCY**  
WITH ERASURE CODING

**REDUCED  
COMPLEXITY**  
WITH CONVERGED MANAGEMENT

**PREDICTABLE  
PERFORMANCE**  
WITH QUALITY OF SERVICE

**ACCELERATED  
SCALE-OUT**  
WITH MULTI-TIER FLASH STORAGE

### Simplicity and Economics of Hyperconverged with Predictable Performance of Flash and Advanced QoS

Simplicity and economics are two key reasons IT professionals are turning to hyperconverged (HCI) infrastructure for the datacenter. Datacenters have applications with a broad spectrum of needs, from medium intensity processing and storage I/O performance to high intensity processing and low-latency storage I/O performance - plus everything in between. Until now, handling this spectrum of data center requirements has challenged traditional hyperconverged solutions. With low-latency shared flash acceleration and granular, automated performance management, Pivot3 vSTAC SLX makes it possible for businesses to support a full spectrum of applications, including mission-critical, with confidence.

#### HCI with Flexibility of Shared Flash Performance

vSTAC SLX delivers the benefits of HCI across more applications by combining the economics and manageability of HCI with the guaranteed low-latency performance of flash storage with Quality of Service (QoS) management. While other HCI solutions are limited to specific use cases, Pivot3's QoS-managed, multi-tier flash array leverages PCIe-flash, SSD and RAM to deliver ultra-low latency performance to the applications that demand it.

#### No Compromising on Performance, Efficiency, and Availability

Pivot3's HCI architecture is inherently unique. While most other hyperconverged vendors rely on resource-intensive, hardware-based replication, Pivot3 uses patented erasure coding to distribute data across all the nodes ensuring maximum performance, resiliency and storage utilization are achieved. This aggregated resource distribution for storage and compute provides increased performance and efficiency for all virtual machines, industry-leading usable storage capacity, and scales out linearly with each added node.

#### Scale on Your Terms

While most HCI solutions must scale both capacity and performance when only one is needed, vSTAC SLX enables organizations to scale on their own terms. Scale-out to add performance and capacity, scale capacity only with data nodes, or scale performance with a flash acceleration tier, managed by QoS.

#### Support Mixed Application Workloads Including Mission Critical

The ability to easily assign mission critical workloads to service levels on the flash array tier enables businesses to consolidate mission critical applications to HCI with confidence. Set performance targets with policy-based Quality of Service (QoS) that governs data prioritization and automated data placement, at the granularity level that matches the way you work — from LUN/datastore down to a per-virtual machine (VM) basis with VMware Virtual Volumes (VVol) integration. Service levels and performance policies can be changed on the fly as business priorities change as well.

## vSTAC SLX Features

### Hyperconverged Infrastructure Integrated with Shared Flash Storage

Flexibility to support wide range of applications on a single, easy-to-deploy and manage compute and storage solution

### Converged Management Console

Manage VMs, compute, and all storage from vCenter Server simplifying provisioning and management of resources

### Dynamic Quality of Service

Ensure predictable, guaranteed performance for applications based on targets, priorities and data placement

### Patented Scalar Erasure Coding

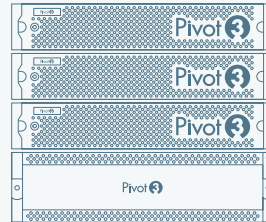
Get Six 9s uptime, maintain 89% or greater of IOPS in degraded modes, and achieve up to 94% capacity utilization as you scale

### Flexible Scaling Options

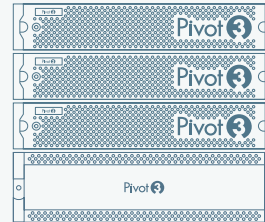
Scale based on data center needs for compute, capacity storage, and performance storage

## vSTAC SLX Models

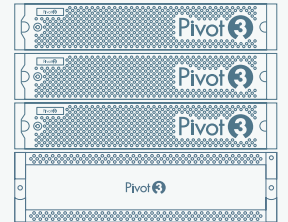
### vSTAC SLX 50



### vSTAC SLX 100



### vSTAC SLX 200



#### Compute

48 CPU cores

84 CPU cores

84 CPU cores

#### Memory

384 GB

768 GB

768 GB

#### Storage

36 TB HYBRID HCI  
15 TB ALL-FLASH  
51 TB TOTAL

72 TB HYBRID HCI  
30 TB ALL-FLASH  
102 TB TOTAL

144 TB HYBRID HCI  
60 TB ALL-FLASH  
204 TB TOTAL

#### Networking

20x 10GbE

20x 10GbE

20x 10GbE

#### Expansions



HCI Nodes



HCI Nodes



HCI Nodes



Flash SSD Capacity Packs



Flash SSD Capacity Packs



Flash SSD Capacity Packs

#### Support

3 year Premium

3 year Premium

3 year Premium

#### Additional Information

vSTAC SLX Systems come with all software features included

All vSTAC SLX base configurations can be customized to meet customer requirements

Pivot3 delivers smarter infrastructure solutions that provide maximum resource utilization, deliver sustained business operations and guaranteed application performance. Today, Pivot3 has more than 2,000 customers and 16,000 successful hyperconverged deployments in 53 countries in mission- and business-critical infrastructures such as healthcare, government, finance, transportation, education, gaming, entertainment, retail and video surveillance.

**For more information, visit [Pivot3.com](http://Pivot3.com)**