Hive USX™

Software Defined Storage

Optimize and Extend Any Storage Platform

Software Defined Storage enables IT organizations to integrate servers and storage into a simple, scalable and low-cost replacement for traditional SAN or NAS shared storage. Datacenter infrastructure can now scale out linearly, reducing cost and increasing flexibility.

Data Reduction

IO Acceleration

Data Management

Data Mobility

Hive USX delivers the agility and simplicity that is missing from virtual infrastructures at the lowest cost available with the best end user experience. With the flexibility to optimize performance and increase existing capacity on any mix of hardware, Hive USX can also transition infrastructure to efficient hyper-converged or public cloud architectures through a single platform.

Benefits

### Hive USX makes storage faster and more reliable than ever before

Simplicity

The Hive USX powered SDS platform replaces costly and complex legacy SAN/NAS storage with a simple system that provides all the storage you need. Hive USX deploys automatically on any x86 server hardware and integrates with the hypervisor to provide integrated server and storage management. Within minutes, the Hive USX Manager deploys VMs, creates and registers data stores, and is ready to provide storage in a number of architectures tailored specifically for each application or workload.

Performance

The Hive USX All-Flash hyper-converged solution delivers the performance of an All-Flash Array using a combination of local flash as the primary storage tier and Hive IO acceleration technology running in server memory. With Hive USX inline deduplication, up to 90% of IO is processed in-memory without having to be written to disk across the network, lowering latency and increasing IOPS.

Agility

The Hive USX hyper-converged solution use any x86 server platform with a minimum of 3 servers including highly efficient 2U 4 node appliances, traditional rack servers or blade infrastructure. You choose the hardware platform and Hive USX will automatically deploy the required USX components to create a hyper-converged system. Hive USX allows you to combine different server and disk configurations using new or existing servers and scale both capacity and performance linearly.
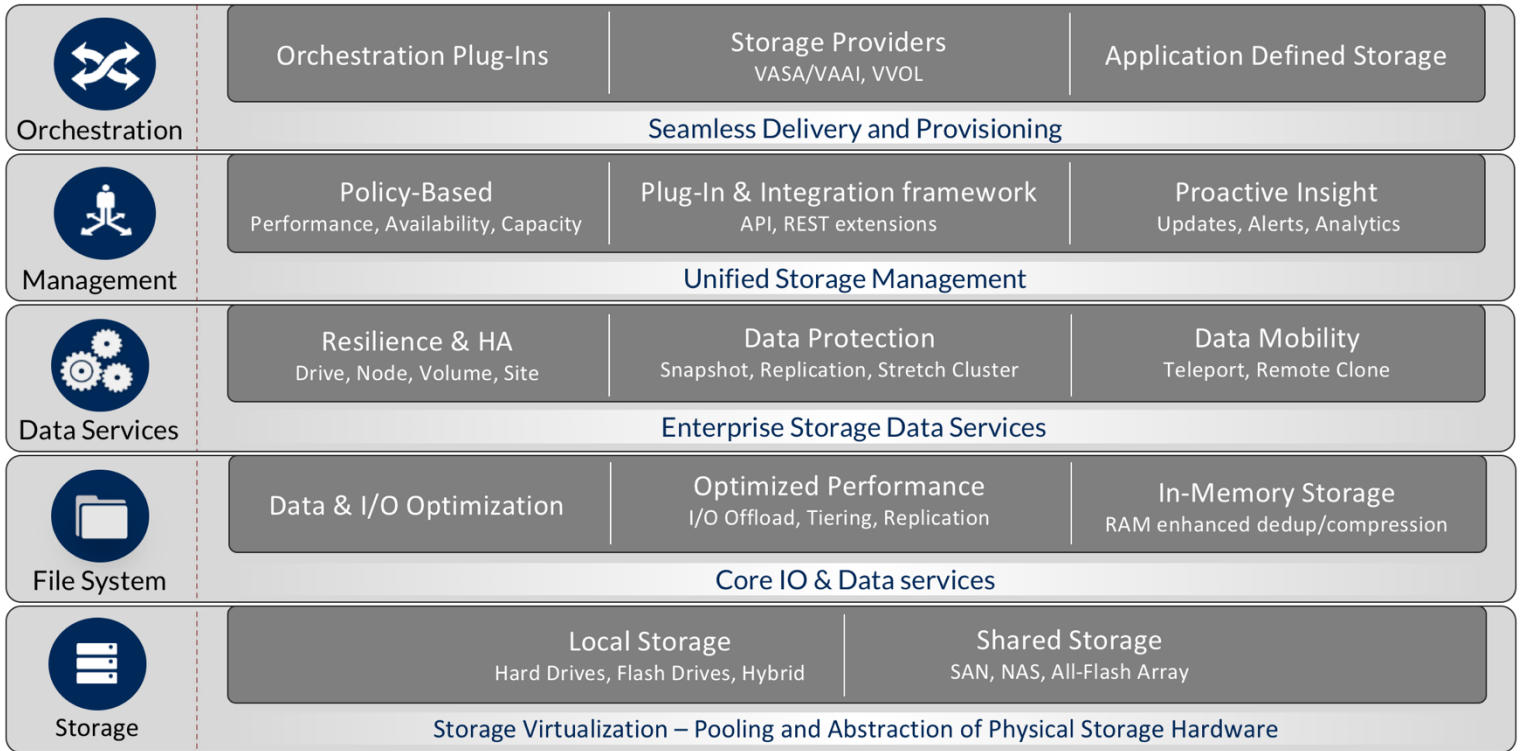
Hive USX Capabilities

Why Hive USX?

- Hive USX can retro fit onto any existing X86 / Storage infrastructure
- Enables enterprises to instantly deliver virtual storage volumes to any application at a fraction of the cost of traditional storage infrastructure with all-flash performance
- Industry leading deduplication Increases the capacity of existing storage by up to 10x
- Reduces CAPEX / OPEX by up to 80% and offers speeds faster than a physical PC
- Integrates servers, storage and virtualization into a single appliance, reducing the footprint of the storage infrastructure

At a Glance		The Hive USX Difference	
Customers	1000+ Enterprises	Largest Workspace Deployments in the world	
Banks	Used by 7 of Top 10 Banks	Only HCI/SDS Supporting Citrix XenServer	
Adoption	160+ Petabytes of Storage	Enables "Roll your own" Hyper-convergence	
Sold	1M+ Virtual Workspace Licenses	Simplest Virtual Workspace Solution	
Largest Install	52 Petabytes	Repurpose/ Extend Life of Existing infrastructure	