

# **Gridstore's Hyper-Converged Infrastructure**Purpose-Built for the Microsoft Cloud-Inspired Data Center

Gridstore™ is the leader in HyperConverged All-Flash Infrastructure for the Microsoft Cloud-Inspired Data Center. Our customers gain a 10X performance improvement over traditional storage as we put all-flash as close to the workload as possible. Customers realize 4X lower TCO by consolidation of three layers of infrastructure into one scalable layer built on X86 hardware, and 10X less management effort due to fewer management points and less infrastructure to manage. Gridstore's strength and unique value resides in our intelligent patented software whose architecture delivers predictable high performance to all workloads, native Windows integration, true quality of service, and elastic and independent scaling of resources.

## **Gridstore Hyper-Converged Infrastructure**

#### **Includes:**

HyperConverged Appliances

Gridstore's single system includes both compute and storage. Each appliance has up to four compute/storage nodes, and can be expanded with additional Appliances and/or Storage Nodes, up to 256 total nodes.

Storage Nodes

Gridstore offers both All-Flash and Hybrid Storage Nodes that can be deployed with HyperConverged Appliances or stand alone.

#### Windows Servers

Any Microsoft Windows Servers with or without Hyper-V, to which are added the Gridstore vController, a software driver that interfaces with Gridstore Storage Nodes and provides simple management and end-to-end control of I/O from server to storage, eliminating the "I/O blender effect" and allowing performance to scale linearly with capacity.

#### **Use Cases**

## HyperConverged Appliance

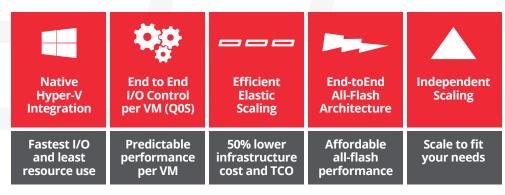
- VDI (Virtual Desktop Infrastructure)
- Hyper-V / Cloud in a box
- ROBO (Remote Office / Branch Office)

#### **All-Flash Storage Node**

- Databases
- High-performance applications

#### **Hybrid Storage Node**

- Exchange or SQL databases
- Mixed workloads
- Backup or DR



Gridstore's hyper-converged infrastructure is the fastest way to build the most powerful and scalable Microsoft Cloud-Inspired Data Center

#### What Makes Gridstore Different

## **Feature**

#### Native Hyper-V Integration

Gridstore is the only solution that offers native Windows integration. Gridstore vController is a software driver that installs at the Windows kernel level.

#### End-to-End I/O Control per VM

Granular visibility and control with QoS per-VM enables precision I/O for each VM based on user-defined priority.

#### **Efficient Elastic Scaling**

Gridstore has eliminated the need for three-way replicas, improving efficiency and eliminating waste. Gridstore stripes data across storage nodes and uses advanced data protection. Scale up to 250 nodes.

#### **End-to-End All-Flash Architecture**

Gridstore is architected for end-to-end flash performance. Using flash for both read and write cache.

#### **Independent Scaling**

Add more HyperConverged Appliances, or Windows servers, or Storage Nodes.

#### **Benefit**

#### Fastest I/O and Least Resource Use

No guest-VM complexity. Tightest integration possible with Windows for high performance with minimal resource use.

#### Predictable Performance per VM

Only Gridstore delivers end-to-end per-VM I/O control. No more noisy neighbors, always top performance for the most critical VMs.

#### 50% Lower TCO

Gridstore allows you to pay as you grow. Our design delivers 50% lower TCO through eliminating replicas. With up to 250 nodes per pool, performance continues to increase linearly as you add nodes.

#### Flash Performance

Ultimate performance for your most demanding applications.

#### Scale to Fit Your Needs

With Gridstore, unlike other hyper-converged vendors, you can scale compute and storage together OR you can scale them independently. Maximum flexibility to fit into your existing environment or as a standalone solution.

## **Gridstore Warranty**

Gridstore hardware products come with a 3-year limited hardware warranty. Gridstore may offer different delivery methods for warranty service, including but not limited to parts and product dispatches and mail-in service. Base-level warranty service is mail-in, which can be changed based on support and service contracts purchased by the customer.

## **Gridstore Support**

Gridstore offers a variety of support options, including 24x7x365 worldwide support. Visit www.gridstore.com/support for details.

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