

# Delta-V Storage Server

Tightly-Coupled, Hyperconverged Storage System

STORAGE | HIGH VALUE | RELIABLE



## Do More ... Spend Less

### Cost-Optimized Storage

Powerful multi-core processors, a tuned software stack, and the right hardware deliver value. Delta-V™ provides the speed boost your applications need at a price point well under \$1,000 per usable terabyte.

### Save Money, Save Time

Budget solutions should not compromise your business. By carefully balancing the system, Delta-V gets the most from the hardware. Measured, sustained data transfer rates of over 4,000 MB/s and greater than 6,000 IOPs in a fully populated 4U Delta-V system.

### Part of the Bigger Picture

Delta-V presents storage simultaneously as file-based and iSCSI blocks, with NPS and CIFS/SMB. Units can be aggregated into storage clusters that provide PBs of capacity when using cluster file systems and RAIN designs.

### Experience Counts

Big Data experts for over a decade, Scalable Informatics brings exabytes of experience to the table as your architecture partner for compute and storage. The most demanding companies in the world already count on Scalable Informatics to deliver robust high-performance solutions. Does your business deserve less?

### Simply Faster

Delta-V is an integrated platform ready to scale — proven and ready to deploy.



### Benchmark Performance

Up to 4,000/3,400 MB/s read/write on DV4-T60

### Usable As

- Block storage: iSCSI/iSER, SRP, FC
- File target: NFS, SMB/ CIFS, FTP
- Big Data Compute and Storage
- Scale-out storage: BeeGFS, Ceph, Gluster, Lustre

### Use Cases

- Archive/Backup
- Genomics and Life Science Research
- Media Streaming
- Video Production
- Big Data storage
- Cold storage

**Looking for solutions?** Call our sales team at +1 734.786.8423, option 1, or email [info@scalableinformatics.com](mailto:info@scalableinformatics.com) and we'll help you find a reliable, cost-effective solution to your computing and storage needs.

## Simply Faster.

Scalable Informatics appliances tightly couple computing and storage with applications in a single unit to significantly enhance performance and value. From end-to-end, each solution is backed by Scalable Informatics' expertise.



### **siCloud: Private Cloud and Networking**

Built for the most demanding virtualized workloads, siCloud integrates virtual computing, storage, and networking for high performance and software-defined flexibility.



### **Cadence: Time Series Analytics Appliance**

Optimized to handle millions of events per second, Cadence collects data from the network to process complex queries without traditional bottlenecks.



### **Unison Parallel File System Appliance**

Access massive data sets reliably using robust systems preconfigured and supported by the experts in fast data.

## Hyperconverged Storage Appliances



Combining massive data storage and enormous computing power, Delta-V (archival), JackRabbit (high-performance), and siFlash (extreme-performance) deliver the speed and reliability your business requires.

## High Value, High Reliability

The Delta-V storage target from Scalable informatics is designed to succeed in circumstances where performance is mandatory, but cost containment is critical. Deploy sizable storage systems or storage cluster configurations that scale to many petabytes, with costs per GB that decrease with increased capacity.

	<b>DV2-F12</b>	<b>DV4-F24</b>	<b>DV4-T60</b>
Form Factor	2U Rack Unit	4U Rack Unit	4U Rack Unit
Hot-Swappable Disk Bays	12x 3.5" (front-load)	24 x 3.5" (front-load) 6x 2.5" (rear-load)	60x 3.5" (top-load) 4x 2.5" (rear-load)
Storage Capacity	12 - 96 TB	24 - 192 TB	60 - 480 TB
Storage per Rack (42U)	up to 1.92 PB	up to 1.92 PB	up to 4.8 PB
Operating System	Scalable OS (Linux-based)		
Network Ports	2 to 6x GbE 1-2x 10/ 40/ 100 GbE and/or 0-2x InfiniBand FDR/EDR	2 to 14x GbE 1-8x 10/ 40/ 100 GbE and/or 0-4x InfiniBand FDR/EDR	2 to 14x GbE 2-8x 10/ 40/ 100 GbE and/or 0-4x InfiniBand FDR/EDR
Networking Protocol Options	TCP/IP, RoCE, RDMA/IB, iSCSI/iSER, FC/FCoE target		
Network File Systems	NFS, SMB/CIFS		
Warranty	3-years (standard)		
Support Options	Remote Support • Next business day support • Onsite depot kit		

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