

Does Your Data Reduction Strategy Optimize Storage Performance?

Hitachi Flash Storage Solutions Can Help

Transform your strategy to better handle data growth

+50% compound annual data growth rate since 2010¹



Unplanned data growth puts digital businesses at risk



As data increases, so do on-site costs



New storage efficiency is critical

How do you achieve greater storage efficiency?

Data Reduction



Efficient Allocation



Cloud Strategy

5 Smart Ways to Get There

Thin Provisioning
Optimize allocation of capacity

Cloud Connect
Move data to cloud for lower data center costs and predictable storage costs

Deduplication
Store only unique data

Compression
Shrink the size of data

Linked Snapshots
Create copies without wasting storage space

Flash solutions from Hitachi take storage efficiencies to the next level.

See the results:²

Compression capacity savings:

2:1

Deduplication with compression:

5:1

Add thin provisioning and linked snapshots: **8:1 to**

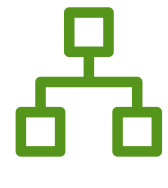
10:1

Add data migration to cloud:

20:1

or more

How to achieve these flash storage efficiencies



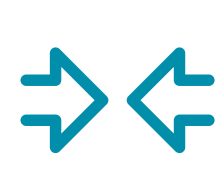
Scalable data reduction

Other flash storage solutions only do capacity reduction on their overburdened system controllers. Hitachi Flash Storage systems use the controller and flash modules (Hitachi FMDs). Each FMD includes a data reduction engine, giving you many times more resources to compress data faster *and* maintain system performance.



Transparent data migration to the cloud

Hitachi Virtual Storage Platform (VSP) connects to the cloud for transparent migration of seldom-used files to predictable, low-cost cloud storage. Moving data to the cloud also reduces space, power and cooling needs in the data center for operational efficiency.



Consolidation of multiple applications while meeting SLAs

Hitachi Quality of Service (QoS) software enables you to put multiple applications on a single storage array while ensuring that critical applications get the performance they need. Applications used with VMware VVols, you can dedicate data reduction resources, too.



Freedom to configure for maximum results

Not all workloads benefit from every efficiency. VSP systems with Hitachi Storage Virtualization Operating System (SVOS) 7 enable you to select data services by workload to optimize performance and efficiency.

Take the next step

Benefit from our guaranteed all-flash 2x data reduction.

[Learn more](#)

Learn how Hitachi accelerates digital innovation, drives IT agility and improves business outcomes.

[Watch video](#)