Hitachi Data Reduction: 2x Savings Guarantee

All-Flash Performance With Guaranteed Data Reduction and 100% Data Availability

Are you tired of disappointing usable capacity levels after an installation? To give you peace of mind about the benefits of your storage purchase, Hitachi Data Systems guarantees that you’ll get at least a 2x increase in flash capacity when you use our data reduction technologies.

If you are unable to store the capacity that we guaranteed, HDS will deliver additional hardware to meet that 2:1 increase or credit, at our expense, to fulfill that guarantee. And, if the data reduction on your system works better than expected, you’ll enjoy the benefits of additional data storage at no extra cost. This new guarantee combines with our existing 100% data availability guarantee to give you industry-leading investment protection.
Built From the Ground Up for Real Enterprise Workloads

As business moves faster and data grows exponentially, IT faces increased pressure to keep pace. Infrastructure performance has to improve, and at the same time, IT has to control risks while adding new services faster than ever.

To meet ever-growing performance and capacity needs, data centers across the world are leveraging flash with data reduction technologies. But many customers are not seeing the benefits they hoped for as performance and/or data reduction does not live up to the hype. Software as a service, large-scale transaction processing, online transaction processing (OLTP), database or online analytical processing, in particular, can underperform. That's because general-purpose flash storage systems are not designed to handle data reduction and larger I/O tasks concurrently.

Hitachi Virtual Storage Platform (VSP) family systems, built on the flash-optimized Hitachi Storage Virtualization Operating System (SVOS) and integrated Hitachi Accelerated Flash (HAF), fundamentally change the flash paradigm. They eliminate the need to make tradeoffs between performance and improved capacity efficiency. VSPs with advanced flash modules (FMDs) deliver inline, hardware-accelerated compression, so you can answer business demands for high performance, ensure predictable sub-millisecond response times and deliver the lowest effective cost.

Savings Guarantee Overview

Hitachi Data Systems will guarantee that eligible VSP systems (VSP F series or all-flash configurations of VSP G series), using FMD DC2 compression, will achieve a system-level storage efficiency savings rate of 2x (50%) or greater within the guarantee period.

What are the eligibility requirements for this program?

- Purchase of any new VSP (VSP F series or all-flash configuration VSP G series) with flash modules (FMD DC2).

What are the terms of the program?

- System must run with SVOS v6.4 or later with FMD DC2 compression enabled.
- Volume must be thin provisioned using open systems format (open-v emulation).
- Coverage is applicable on alphanumeric application data sets that are not compressed or encrypted.
- Savings are available on the first VSP with up to 40 FMD DC2; existing customers are encouraged to use the HDS compression estimator tool to assess compression savings.

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What is unique about this savings guarantee?
- Minimum 50% capacity reduction savings is among one of the highest instant guarantees available in the industry.
- Program provides one of the few guarantees with a written contract available.
- No professional services, data collection or reports are required.

What does a customer have to do to place a claim on the guarantee?
Claims must be placed within 90 days of shipment or installation, whichever period is shorter, including:
- System pool report information showing FMD DC2 physical and compressed capacity.
- Host-based utilization report (recursive directory) showing written data on all hosts connected to the system.

The No-Compromise Choice From the Leader in Storage Design
The Hitachi Virtual Storage Platform family provides the ultimate in enterprise data management. Based on the industry’s leading storage technology, VSP systems offer reliable, enterprise-grade capabilities at price, capacity and performance levels designed to satisfy your unique requirements.

VSP family systems use the same storage operating system, management and data protection services across all models, enabling you to reduce administrative as well as service times. With VSP you also get best-in-class performance, greater IT efficiency, lower risk and far less complexity, no matter what challenges the future presents to your business.

SAVINGS GUARANTEE ANSWERS YOUR DATA GROWTH CHALLENGES

Double Down on Data Reduction
- System-level storage efficiency savings rate of minimum of 2x (50%) within the guarantee period.

No-Brainer
- Simple to qualify, easy to deploy, no charge.
- Covers up to 282TB raw flash capacity.
- No data collection or reports required.
- Up to 90 days to validate data reduction efficiencies.

Always On, Always More Available
- Leverage the industry’s only 100% data availability guarantee.

Enterprise-Grade Endurance
- Enterprise-grade, flash module wear-limit endurance is covered as long as you are under warranty or maintenance.

Leading Performance
- Delivers up to 4 million IOPS flash-accelerated performance.
- Respond in < 1ms for a leading 99.6% of transactions.
- No system slowdown with FMD compression offload.