Effective Capacity Guarantee optimizes Virtual Storage Platform (VSP) One by increasing capacity while protecting performance and supporting sustainability.

**Hitachi Effective Capacity Guarantee for VSP One**

You can count on our Effective Capacity Guarantee to drive your company towards success. Smart data reduction profiles each workload to optimize your VSP One solution, so you won’t have to pre-assess your data to predict effective capacity.

The Effective Capacity Guarantee is available for VSP One block, file, and object storage solutions.

**Lower Infrastructure Costs with Guaranteed 4:1 Data Reduction**

The ability to store additional data on your VSP One solutions naturally improves return on investment (ROI) and total cost of ownership (TCO) while keeping storage requirements and budgets predictable. Our no questions asked warranty provides all this with no prior data assessment.

Hitachi Vantara’s Effective Capacity Guarantee lowers initial storage costs because 75 percent less VSP One infrastructure offers enough effective capacity for all requirements — providing an instant ROI benefit.

As data storage requirements grow, our 4:1 No Questions Asked Effective Capacity Warranty ensures you can continue storing at least four times more data on your VSP One solution — providing an ongoing TCO benefit.

**Increase Capacity Without Slowing Performance**

The Hitachi Storage Virtualization Operating System (SVOS) is optimized for storage efficiency with advanced compression and deduplication technology.

With our Effective Capacity Guarantee, you’ll know you can store at least four times more data than your physical VSP One infrastructure would otherwise support without negatively impacting performance.

**Portfolio of VSP One Assurances & Guarantees**

The world’s top businesses trust Hitachi with their data. VSP One Assurances and Guarantees are a big reason why.

- Modern Storage Assurance future-proofs your investments by delivering additional years of optimized storage.
- 100% Data Availability Guarantee keeps data continuously accessible by databases, applications, and users.
- 4:1 No Questions Asked Effective Capacity Warranty lowers the total cost of ownership by ensuring data stored meets capacity efficiency expectations with no questions asked.
Optimize Storage with Artificial Intelligence and Machine Learning

Patented SVOS algorithms use artificial intelligence (AI) and machine learning (ML) to examine data in real time for opportunities to increase effective capacity. SVOS RF intelligently knows when to implement inline or post-process data reduction based on application-specific workload profiles and user-selectable data reduction options. This results in the best possible data capacity and storage performance and supports sustainability initiatives by reducing the amount of storage infrastructure needed to store data.

About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi, Ltd., we’re the data foundation the world’s leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, we build the foundation for sustainable business growth.