

Hitachi Protection Platform S1500, a powerful, reliable and easy-to-deploy backup appliance, delivers an affordable balance of cost, performance and capacity for your small data center, workgroup or remote and branch office environments.

Hitachi Protection Platform S1500

Data growth and shrinking backup windows remain top challenges IT organizations face in data protection. Most backup infrastructures that rely solely on tape are unable to complete backup operations in their given backup window. Restoring data from tape is extremely time consuming. It requires significant manual intervention and is prone to errors. With these types of challenges, IT organizations are increasingly finding it difficult to protect their data without skyrocketing costs and complexity. Organizations are looking to disk-based backup and recovery solutions with deduplication as better and more cost-effective alternative methods.

Big Capacity and Reliability in a Small Appliance

Hitachi Protection Platform S1500 leverages powerful data deduplication technology to help you solve critical backup and recovery challenges. The easy-to-deploy backup appliance reliably protects and rapidly restores mission-critical data without intervention. Your small data

**Powerful,
Scalable
Deduplication**

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center, workgroup or remote and branch office environment gains the capability to securely support growing data levels.

Hitachi Protection Platform S1500 provides:

- 36TB of useable (before deduplication) capacity.
- Patented deduplication technology to reduce storage needs by up to 25 times or more.
- Completely integrated plug-and-play solution for quick installation.
- Easy-to-use graphical user interface (GUI) for simplified management.

This appliance is ideal for:

- Small data centers or workgroups experiencing significant data growth.
- Organizations with remote offices wanting to replicate to a central data center for disaster recovery protection.
- Administrators looking to make backup and recovery improvements without making radical changes to their environment.

Fast Backup and Recovery Performance

Hitachi Protection Platform S1500 is designed to increase backup performance, by replacing tape or standard disk storage with a high-speed storage solution optimized for data protection. Protection Platform not only dramatically speeds up backup and recovery operations, but also optimizes your data protection storage infrastructure, helping to reduce total cost of ownership. These improvements can help you achieve a high level of business resiliency without changing existing backup policies, practices and procedures.

Powerful and Selective Deduplication

Hitachi Protection Platform S1500 leverages the industry's most powerful deduplication technology, allowing you to select the data you want to deduplicate by application, backup server or backup software. Tune deduplication by data type for optimal efficiency. Keep more data online longer, for faster restores, more data accessibility, and the ability to meet challenging service level agreements (SLAs).

Multiprotocol Support

Hitachi Protection Platform S1500 supports all leading backup applications, such as Symantec NetBackup, IBM® Tivoli® Storage Manager, EMC NetWorker or HP Data Protector. The appliance uses both virtual tape library (VTL) tape emulation and/or Symantec NetBackup OpenStorage (OST) on 8Gb Fibre Channel and/or 1Gb and 10Gb Ethernet.

Plug-and-Play Installation and Easy Administration

Hitachi Protection Platform S1500 is not just a bundle of components. It is a truly integrated solution of server, storage and deduplication software that makes it easy to deploy and integrate into existing backup environments. It requires minimal changes to existing policies, practices and procedures. No client or host agents are needed for installation, and it is qualified with leading enterprise backup applications.

Protection Platform also features a powerful management console that provides IT administrators with detailed information and reporting capabilities. It gives users a single interface for monitoring and managing backup, deduplication, replication and capacity utilization to simplify management and capacity planning activities.

Protection Platform S1500 improves the backup and recovery needs of small data center, workgroup or remote and branch office environments. It enables them to implement a cost-effective and efficient

Hitachi Protection Platform S1500 Specifications	
Performance	Up to 2.5TB/hour or more ingest performance
Physical Capacity (Raw)	48TB
Physical Capacity (Usable)	36TB
Host Interfaces	Fibre Channel (FC): 2 x 8Gb FC Gigabit Ethernet (GbE): 2 x 10GbE ports, 7 x 1GbE ports
Host Protocols	Virtual tape library; NetBackup OpenStorage Technology (OST) over Ethernet or Fibre Channel
Virtual Devices	192 virtual devices per appliance
Virtual Cartridges	16,000 per LUN
Compression	1 Exar 1740 compression card per node
Tape Library Emulation	ADIC Scalar 1000, ADIC Scalar 10K, ADIC Scalar 24, Generic SCSI, HP ESL Series, HP MS Series, HP Autoloader 1/8, IBM® 3584, Quantum/ATL P1000, Quantum/ATL P3000, Quantum/ATL P4000, Quantum/ATL P7000, Oracle StorageTek L180 and StorageTek L700
Tape Drive Emulations	HP Ultrium LTO-1, HP Ultrium LTO-2, HP Ultrium LTO-3, HP Ultrium LTO-4, IBM 3590, IBM 3592, IBM Ultrium LTO-2, IBM Ultrium LTO-3, IBM Ultrium LTO-4, Quantum DLT-7000, Quantum DLT-8000, Quantum SDLT-1, Quantum SuperDLT 320, Sony AIT-2, Sony AIT-3, StorageTek T9840, StorageTek T9940

disk-based data protection solution. This capability helps organizations from all industries and of all sizes to protect data more reliably, retain data longer, and recover data quickly when needed.

For More Information

To learn more about Hitachi Protection Platform S1500, contact your HDS sales representative or business partner, or visit: www.hds.com/protection.

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