

ProStor InfiniVault®

ProStor InfiniVault® is the most cost-effective storage system for the long-term retention of data and images. ProStor InfiniVault integrates information management software, online disk, and RDX® removable disk to simplify retention management, while automating disaster protection and compliance.



Economic Savings





ProStor InfiniVault includes RDX removable disk and provides all the access and performance benefits of online storage with the economic benefits of offline storage. This enables organizations to dramatically slash the cost of storing and protecting the data that is critical for them to retain. By retaining data on a ProStor InfiniVault, end users can reduce their overall storage costs through the following economic returns:

- **Lowest cost storage** – tape costs up to 2x more, optical costs up to 4x more, and fixed disk costs up to 40x more
- **Infinite capacity** – the RDX removable disks are virtualized behind the online disk allowing inactive data to be removed from the system while still appearing online to applications and users. This reduces operating cost and power consumption, while enabling incremental expansion of storage when it's needed and at the best price in the market
- **Self-protecting** – the system can automatically make 1 to 4 copies of data on RDX removable disks and/or replicate to another ProStor InfiniVault, automating disaster protection. The meta-data is maintained online for easy search and retrieval, even when the data is removed from the system and sent offsite
- **Multiple vaults** – users can partition the online disk file area for multiple departments or projects rather than purchasing separate systems, thereby reducing capital expense
- **Backward/Forward compatible** – unlike tape or optical storage solutions, you will never need to swap-out a drive to read the data from an RDX disk
- **Reduced backup costs by 50%** – shorter backup windows, faster time to recovery, lower cost of protecting data, and fewer resources to manage backups are consumed
- **Lower power and cooling costs up to 75%** – data on spinning disks is a major power user, and within a ProStor InfiniVault the RDX disks spin-down when not being accessed
- **Faster response to eDiscovery requests** – saves time and money in responding and helps avoid potential penalties
- **Improved operational efficiencies** – fewer IT resources (people and equipment) are needed because you don't need to manage multiple tiers; no data to disk, tape or VTL anymore
- **Ease of use** – because it is addressed as simple NAS storage, installation can be done in 30 minutes or less. Once online, the information management software implements your policies automatically
- **Set and forget GUI** – once vaults are defined and retention policies are set, the ProStor InfiniVault does the rest
- **Data compression** – data is compressed where possible 2:1 (on average) to reduce the amount of storage that needs to be purchased
- **File level data de-duplication** – digital finger print is used to identify duplicate files and only store one instance, reducing the total amount of storage that needs to be purchased
- **Reclaim capacity on primary storage** – less primary storage has to be purchased now and in the future

Automated Compliance

Each ProStor InfiniVault system is designed to help you automate business rules associated with corporate policies, government regulations, and legal requirements. To accomplish this goal, a broad set of features are available for a variety of IT challenges.

- **Data immutability** – non-erasable, non-alterable storage using hardware enforced WORM on the RDX removable disks
- **Data authenticity** – content addressable storage with sophisticated hash algorithms can be used to verify all content
- **Automatic data retention and deletion policies** – easy to configure and enforced for all data
- **Encryption of removable media** – AES-256 encryption for regulations that require it and business practices that demand it
- **eDiscovery support** – index-based searches for rapid recovery and retrieval, and multiple legal holds can be placed on files preventing deletion even when the retention period has expired
- **Complete audit trails** for every file provides chain-of-custody reporting
- **Secure deletes** can be executed for data whose retention dates have expired. This overwrites the data on the removable disk to enable DOD 5015.2 compliance
- **Attribute and content searching** – ProStor InfiniVault creates a complete index of text files, enabling fast eDiscovery and rapid recovery of files

ProStor InfiniVault Product Specifications				
Model	Model 3	Model 5	Model 30	Model 100
Image				
Product Configuration	All components integrated into a single tower configuration	All components integrated into a single tower configuration	Integrated system controller and online disk with separate removable disk units (RDUs)	Separate system controller, online disk and removable disk units (RDUs)
Removable disk Online capacity*	1.5TB (3TB compressed)	2.5TB (5TB compressed)	5 to 50TB (10 to 100TB compressed)	10 to 50TB (20 to 100TB compressed)
Total capacity	Infinite			
Controller	Tower	Tower	2U rack mount	2U rack mount
Dimensions: W x D x H	7.8" x 18.3" x 16.7"	7.8" x 18.3" x 16.7"	17.4" x 28.75" x 3.50"	17.4" x 28.75" x 3.50"
Weight	40 lbs	40 lbs	50 lbs	50 lbs
Online disk	Internal to appliance	Internal to appliance	Internal to appliance	3U external
File area size	700GB/90M files	1.8TB/250M files	3.7TB/500M files	13TB/2B files
Dimensions: W x D x H				17.3" x 22.5" x 5.25"
Weight				70 lbs
Removable disk unit	Internal to appliance	Internal to appliance	3U removable disk unit	3U removable disk unit
Base number	3	5	10 (one RDU)	20 (two RDUs)
Max. number	3	5	100 (ten RDUs)	100 (ten RDUs)
Dimensions: W x D x H			17.4" x 21.25" x 5.25"	17.4" x 21.25" x 5.25"
Weight			50 lbs	50 lbs
Total weight	40 lbs	40 lbs	100 lbs (550 lbs full configuration)	220 lbs (620 lbs full configuration)
Total height	16.7"	16.7"	8.75" (5U) 55" (32U configuration)	19.25" (11U) 61.25" (35U full configuration)
Warranty	Standard 1-year limited hardware, 90-day software warranty			

* Online capacity based on 500GB native capacity RDX cartridges with 2:1 lossless compression

