



***InveStoreHD* –Secure Cost Effective Hard Disk WORM Archive Storage**

One Product – One Price: You choose the Storage location – *InveStoreHD* provides unlimited capacity WORM functionality on Magnetic Disk with Optional Removable Media Redundancy

PRODUCT OVERVIEW

Data protection, authenticity, security and access speed are all key decision factors in deployment of an archive storage system. *InveStoreHD* addresses the most stringent archive requirements in a solution that is proven safe, reliable and cost effective. From small to enterprise configurations, this powerful storage management software is a feature-rich archive data storage tool that delivers fast and secure data access coupled with WORM functionality for archive and compliance based applications at a fraction of the price of other more costly and complicated systems.

Quite simply put: Pegasus' *InveStoreHD* will drop into virtually any Microsoft Windows based user application and provide simple, secure and powerful archiving without all the headaches and worries of a proprietary hardware and software solution.



InveStoreHD utilizes a secure WORM data format on hard disk that delivers fast and easy interaction with the user application. Hard disk utilized as archive storage under *InveStoreHD* can be local, server based, SAN or NAS storage. Any disk location that is recognized transparently under Microsoft Windows can be easily configured as the user archive under *InveStoreHD*.

InveStoreHD utilizes a WORM file system format on storage media that has been proven reliable and solid for over 22 years, and to be compliant with the most stringent data archiving regulations. It is widely used in many applications

in Financial, Insurance, Transportation, Government and hospitality based applications. Features within the *InveStore* based WORM archive data protection file system include Data Authentication, Digital Signatures, Data Retention Verification and others.

PRICING

InveStoreHD software is packaged to support an unlimited amount of hard disk storage in a single model number configuration. In addition to supporting a wide range of hard disk configurations for your archive (NAS, SAN, server based, etc), it continues to support removable devices within the same software package. This allows existing users to move data from older libraries to hard disk or continue to use removable media as a permanent off-site back-up.

MIGRATE FROM OLDER OPTICAL TO HARD DISK

With *InveStoreHD*, users can migrate critical archive data from removable media supported under previous versions of *InveStore* to hard disk for use as the primary archive interacting with the user application. Original removable media can be kept as a disaster recovery or off-site back-up.

InveStoreHD is fully backward compatible with previous versions of *InveStore*. Specifically, data that was written to *InveStore* supported removable media types can be read from, and written to a new *InveStoreHD* hard disk location(s) and utilized as the primary archive location(s) for application data.

Converting from a removable media, such as an optical disk or library based archive to a hard disk based archive is an easy and secure process. While additional utilities and functions are being developed to automate the entire process, a removable media archive can be converted to a hard disk archive by utilizing simple steps within the *InveStoreHD* software.

Pegasus strongly suggests that you contact your application provider or Pegasus for further information before converting any critical application data from one media to another.

OPERATIONAL VIEW – HOW IT LOOKS

InveStoreHD is a simple installation or upgrade to an existing InveStore user. Once installed, an archive storage location selected and initialized via a simple GUI procedure, this powerful software solution provides the user with transparent Microsoft Windows access to the new (and all existing) archive storage volumes controlled by InveStore under a single drive letter interface. All archive storage areas appear as volumes under the drive letter.

To the user application, the InveStore initialized media appear as simple Microsoft Windows subdirectories. In addition, regardless of the media type, whether it's hard disk or removable media, the application sees no difference and there are no changes required to the application to support *InveStoreHD* or the use of multiple media types.

RECOMMENDATIONS FOR TYPES OF HARD DISK

Archiving of critical user application data, such as banking or other personal records is highly sensitive and many regulations are in place to ensure the integrity and security of the data. Users must have storage systems and methods that are well thought out, planned, documented and include processes for recovering data in the event of catastrophic system failure. The following table shows some of the recommendations and reasoning for planning an archive storage system that includes magnetic hard disk as a primary archive storage media.

Recommendations for Hard Disk Archive:	Reasoning behind the recommendation:
Use only RAID based storage. Used RAID 5 or higher.	RAID adds multiple levels of protection should a single or multiple disks fail.
Centrally located Data. Hard disk based archive utilized by <i>InveStoreHD</i> can be local, server, SAN or NAS based storage. This allows flexibility and utilization of current disk.	As with any networked storage, the fewer the "hops" the faster the access and transfer rates. Also, keep security in mind wherever you choose to have the hardware located.
Back it up. We strongly encourage the use of the 3-2-1 approach to critical data archiving. Keep a copy on another media and off-site.	Critical information must be backed-up and secured! Ask yourself one question: Can I afford to lose this data and have no back-up?

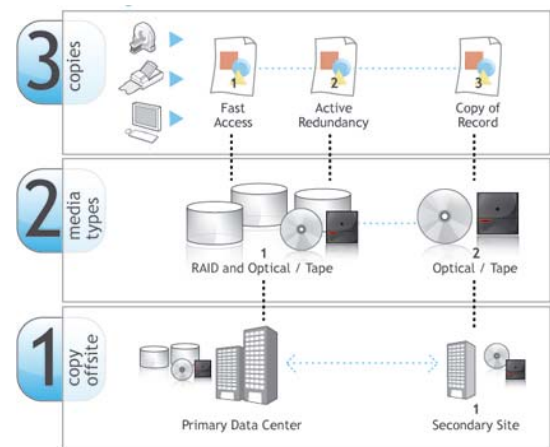
InveStoreHD Benefits to Customer

- Eliminates end-user critical data access delays and wear and tear of removable media libraries
- Provides secure migration path and long-term seamless access to archives on mixed hardware technologies
- Time proven secure, reliable and compliant solution helping to prevent the loss of critical archive data

BEST PRACTICES FOR ARCHIVE DATA

"The 3-2-1 Archiving Best Practice provides a very pragmatic approach to safeguard and retain electronic information assets in an intelligent and cost-effective way. Archiving 3 copies of all critical data provides a good balance between redundancy and resource provisioning. The use of 2 different media types protects against technology failure, and with 1 copy offsite on removable media it enables a robust and economical archive strategy."

- Jon Toigo, CEO of Toigo Partners International LLC*



PROTECTING THE ARCHIVE: 3-2-1

We all know that we must store more and more critical archive data and other digital assets and, without adding to already stretched IT budgets. The new economic challenges are forcing everyone to rethink the ways to increase efficiencies yet protect the ever increasing amount of critical data that we must store and secure from many different potential risks.

In these challenging times, it would be prudent to go back to basics and review the foundation of a sound archive and compliant storage strategy. This is where the 3-2-1 approach is so important and applicable. Endorsed by leading storage industry analysts, 3-2-1 provides a very a simple, yet reliable approach to securing data for the long term and through effective utilization of proper and/or current resources.

The 3-2-1 Archive approach advocates that a minimum of 3 copies of all business critical data be retained, these copies should be kept on 2 different types of storage media, and at least one copy should be offsite on removable media.

Benefits of the 3-2-1 Approach

- Provides simple recovery of primary data loss
- Regulatory Compliance
- Increase overall availability of data
- Reduced power consumption