



Storageflex™ InfiniVault® - DICOM

For companies wanting to dramatically slash the cost of storing and backing up their DICOM images, Storageflex InfiniVault® - DICOM provides a long-term storage system for deep archive of medical images, patient data and business files.

Unlike other disk-based storage systems, Storageflex InfiniVault integrates removable disks to provide the ease of access and performance of online storage with the economics of offline storage. The intelligent, secure data preservation capabilities of Storageflex InfiniVault - DICOM provides HIPAA compliance. The system is also a cost-effective alternative to tape or optical storage for deep archive that is reaching capacity and/or becoming obsolete. Use with:

- PACS systems
- RIS systems
- Modality connections
- DICOM viewers

Storageflex InfiniVault - DICOM is an integrated data preservation storage system for DICOM images that attaches to any IP-based network. The system simplifies the management of data by also managing the retention and storage of CIFS and NFS files.

DICOM Image Archive

Storageflex InfiniVault - DICOM is a scalable, secure and affordable solution for DICOM image archive. It provides the performance and accessibility of disk-based archives with the cost and scalability benefits of traditional tape or optical alternatives. Storageflex InfiniVault receives and manages DICOM objects over the network for modalities, RIS and PACS systems and retrieves them on request.

Benefits include:

- Integrated DICOM server with 3.0 conformance
- Preconfigured AE Title for DICOM usage
- HIPAA compliant data storage
- WORM storage throughout the system
- 30-year archive life without media migration
- Removable, encrypted copies of images for offsite protection

Healthcare Data Preservation

In addition to storing DICOM objects, Storageflex InfiniVault - DICOM can simultaneously provide long-term data preservation for the business system data in the Healthcare Information System environment. The system is designed to automate compliance with the most rigorous business rules, whether driven by corporate policies, government regulations or legal requirements.



InfiniVault™ Product Family

With a simple one-time setup, data stored in Storageflex InfiniVault - DICOM is automatically retained for the required length of time then deleted. All the while authenticity, immutability, accessibility and confidentiality are maintained. The system encrypts offline data, supports E-discovery activities, makes multiple copies and provides complete audit trails for determining chain of custody. Storageflex InfiniVault - DICOM is a flexible data preservation solution that is capable of meeting compliance needs at no additional costs for hardware, software or infrastructure changes.

RDX® Removable Disks

Storageflex InfiniVault - DICOM incorporates the proven technology of the RDX® removable hard disk drives. Advantages of RDX drives include:

- Infinite capacity - simply add cartridges
- A 30-year archive life - verified by independent test lab
- Technology Protected - Higher capacity RDX cartridges can be utilized as available: drives and media are backward and forward compatible - no media migration ever
- Industry-standard RDX cartridges - available from multiple manufacturers

Lower Storage Costs

Storageflex InfiniVault - DICOM lowers the costs of storage in a number of ways including:

- Economical image and healthcare data preservation for long-term retention
- Reduces power consumption up to 75%
 - RDX removable disks spin down when not transferring data
 - No periodic spin-up required
- Lowers cooling requirements
- Provides near-infinite scaling for storing images and files

Ease of Use

The Storageflex system is simple to install and easy to use. It can be configured as a target for DICOM images and business files in 30 minutes or less. Simple, web-based administration does not require any training. And Storageflex InfiniVault - DICOM requires no additional software licensing.

