

KODAK HEALTHCARE STORAGE SOLUTIONS



Digital data storage
without limits



ADVANCED ARCHIVING SUPPORTS POWERFUL SOLUTIONS

Kodak's innovative VIParchive platform enables patient-centric storage and management of all digital data in any information format from virtually any source at single or multiple sites. This revolutionary platform:

- Stores data in a centralized repository, or virtualizes data stored at multiple sites, using technologies that include off-line storage, tape libraries, RAID, DVD jukeboxes, and CAS from multiple vendors.
- Supports enhanced data lifecycle management based on the clinical attributes specific to each defined data category.
- Improves information access for physicians by providing transparent access to the necessary data when and where it is required.
- Incrementally scales in multiple dimensions to satisfy capacity increases, performance/redundancy needs, new modalities, new clinical and back office applications, new storage technologies, new media and formats, and new healthcare staff that need access to the information.
- Guards against obsolescence with transparent migration capabilities for technologies, media, and data formats to keep pace with changing business needs.
- Provides a foundation for electronic medical records (EMR) implementation.
- Minimizes administration costs through remote monitoring and management of the complete archive.

SEE THE DIFFERENCE KODAK CAN



Kodak's healthcare storage solutions provide timely, secure access to digital images and information—*whatever and wherever they are*—using standard tools and existing infrastructures. Key to this capability is the unique KODAK DIRECTVIEW Versatile Intelligent Patient Archive (VIParchive) software platform. This revolutionary platform improves productivity and leverages capital investment for a range of applications. VIParchive powers the archiving module for Kodak's PACS, drives an array of Kodak-managed services for data storage and archiving, and enables customized and comprehensive enterprise information management solutions.

MAKE IN MEETING YOUR STORAGE NEEDS

ENTERPRISE INFORMATION MANAGEMENT—A NEW HORIZON

A unique concept from Kodak, Enterprise Information Management Solutions bridge the gap between existing archiving islands in hospital environments. This top-down, holistic approach to storage and archiving enables you to consolidate and manage the needs of clinical systems (such as radiology, cardiology, and laboratory)—as well as back office functions (such as e-mail, inventory, and payroll). Enterprise Information Management Solutions provide you with a powerful, yet flexible environment to enhance performance and drive efficiencies:

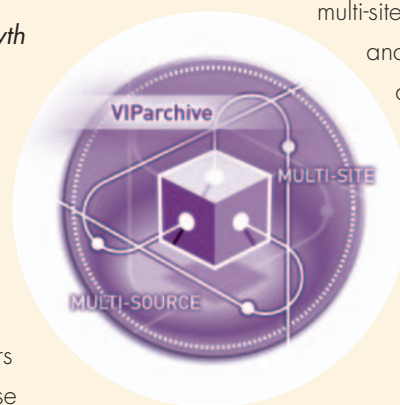
- **Multi-source open archiving** supports a variety of standard interfaces and protocols to ingest and access data—including DICOM and non-DICOM images, documents, video clips, and voice clips—from various sources, media, or vendors.
- **Multi-site archiving** supports digital archiving across multiple sites using multi-vendor systems. The result is a single, logical, multi-site archive that maintains the relative operational independence of each site.
- **Data lifecycle management** results from understanding—not just storing—data. Through user-defined archiving and processing rules (defined as “storage plans”), data can automatically be copied or migrated to online, near-line, or off-line storage. Data can even be deleted when specified retention times expire.
- **Remote disaster recovery** is facilitated by synchronized database protection using multi-site short- and long-term archiving. A remote archive can be shared by several departments or organizations.
- **Obsolescence management** is provided by selective and transparent migration of archived data to newer storage technologies. Format conversions also can be done to avoid data format obsolescence. VIParchive is media, technology, and storage vendor neutral. It can be implemented today and grow with your needs.
- **Incremental scalability for growth** is provided across multiple dimensions including users, capacity, information sources, technologies (hardware/media/format), performance, and redundancy. You can keep pace with increasing needs simply by connecting new servers to the SAN. A standard database maintains stable performance as the number of database entries grows.

KODAK PACS ARCHIVING—READY TO EXPAND WHEN YOU ARE

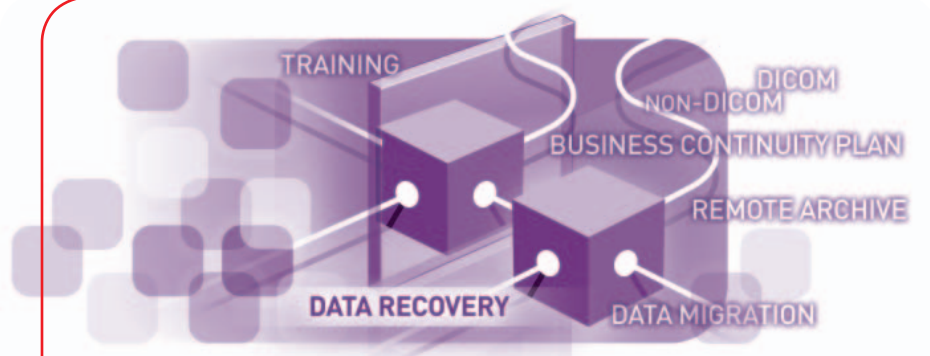
The KODAK DIRECTVIEW Long-Term Storage Manager (LTSM) is an integral part of our DIRECTVIEW PACS System 5. It automatically and transparently manages near-line and off-line storage functions including:

- Enhanced DICOM data management of a tiered-storage architecture that includes both near-line and off-line storage solutions.
- Coordinating activities with workflow to perform backup and restore procedures.
- Maximizing storage capacity and simplifying image retrieval with lossless image compression.

Scalable for redundancy and high availability, LTSM is powered by Kodak's unique DIRECTVIEW VIParchive software platform that can be expanded to support a true enterprise information management solution for multi-site, multi-vendor, and multi-application environments.



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KODAK STORAGE AND ARCHIVE SERVICES KEEP YOU IN CONTROL

Kodak professional services leverage VParcive to provide services designed to improve the storage, retrieval, and security of digital images and information.

These services enable you to:

- Complement your onsite archive with a dedicated offsite Kodak archive that integrates with your workflow and provides real-time storage and retrieval with secure and reliable bandwidth. We maintain and backup the offsite archive—and update it as needed to keep pace with advancing technologies at no added cost to you.
- Duplicate the data stored in your onsite archive at a secure offsite facility with Kodak's data backup service. This cost-effective solution provides support for your business continuity plan.

- Prepare and implement a business continuity plan to aid your recovery from loss of images and information. Our experts help you at every step and provide solutions that may include training, data backup, and data management to suit your needs and goals.
- Maintain continued access to data in the face of advancing storage technologies, media, and formats. Kodak's data migration service transfers images and information from your legacy storage system to any other DICOM or non-DICOM storage device.
- Recover studies and records from damaged, worn, or deteriorated tapes, disks, or other media. Our data-recovery specialists return retrieved data to your current archive or storage media.

LEARN MORE

For more about Kodak healthcare storage solutions, and Kodak's broad digital portfolio, contact your Kodak representative, or visit www.kodak.com/go/medical.

In the U.S. or Canada, you may also call toll-free: 1-877-TO-KODAK (1-877-865-6325), ext. 227.

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