



IBM Healthcare and Life Sciences Grid Medical Archive Solution

Highlights

- ***Optimizes storage investment by creating a virtual shared storage pool across locations***
- ***Helps ensure business continuity and facilitate disaster recovery with resilient, self-healing capabilities to protect an image for its lifetime***
- ***Offers the convenience of a packaged solution to work directly with your existing PACS applications***

Improving patient care with timely access to critical medical images

Healthcare organizations today are experiencing an explosion in the volume of medical images and research data. Serving an aging population that requires more and more exams and procedures, these organizations are coping with an annual storage growth rate that is nearly 52 percent. In fact, their storage needs are almost doubling every 18 months. At the same time, healthcare providers and researchers are becoming more distributed. To provide quality care, doctors need easy access to medical images and data across departments and facilities—even across states and continents.

The Grid Medical Archive Solution is designed to meet this growing need by facilitating the sharing and storage of critical medical images and research data across departments and geographies. By connecting silos of digital images such as

those generated by radiology and cardiology, it provides easier image access and long-term storage that complies with Health Insurance Portability and Accountability Act (HIPAA) requirements. This is important to the healthcare and pharmaceutical industries because fixed-content data, such as medical images and research data that cannot be changed, is frequently accessed and must be retained for decades or in perpetuity.

Optimizing storage utilization

A grid-powered information lifecycle management solution, the Grid Medical Archive Solution creates a virtual, shared storage pool for medical images and research data. By operating across locations and storage hardware brands, it not only offers flexibility and extensibility but also provides tiered storage so organizations can use the most cost-effective storage according to their own policies and previously made storage investments.



Helping you maintain business operations and improve disaster recovery

The Grid Medical Archive Solution also helps ensure business continuity by creating multiple copies of data and separating them geographically so they are no longer vulnerable to a single point of failure. Designed for continuous operations even in the event of failure, this solution provides automated recovery to help maintain business resiliency. The solution also allows for continuous uptime even during hardware refreshes, capacity upgrades and data migration.

Offering an end-to-end solution in easy-to-understand, easy-to-buy packages

The Grid Medical Archive Solution is also simpler to buy and implement. Available in single-site starter kits or multi-site standard models, it delivers a total storage solution that includes server and storage hardware and software designed to work alongside your existing infrastructure. Plus it includes a full range of implementation services, including infrastructure planning and requirements, implementation and configuration, and technical support.

For more information

To learn more about the Grid Medical Archive Solution, contact your IBM representative or visit:

ibm.com/services/storage

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