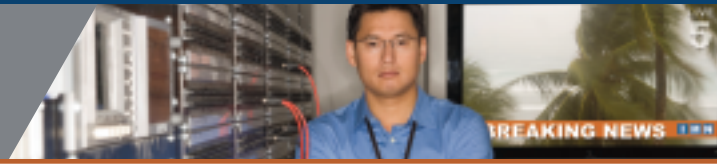


## Digital Record Center™ for Medical Images



### The disaster recovery protection you need from the source you trust.

Radiological and other medical images, commonly stored in Picture Archiving and Communications Systems (PACS), are critical for delivering high-quality patient care. And the volume of these images is growing rapidly.

It's essential that these images be protected from disaster, loss, damage and misuse. At the same time, the images must be easily accessible for rapid recovery in the event of a disaster. Furthermore, images must be safeguarded in compliance with HIPAA and other regulations designed to protect patient health information.

To meet these critical challenges, healthcare facilities are turning to Iron Mountain's Digital Record Center™ for Medical Images. The solution is a managed backup service that protects medical images off-site, so they can be fully recovered in the event of a disaster. With this solution, you ensure disaster preparedness and security of your critical medical image data, and reduce your time to recover from system failures or catastrophic disasters. Your images are protected from disaster through an automated, continuous backup, which optimizes both Recovery Time and Recovery Point Objectives while eliminating the need to staff labor intensive processes. In addition, by using Iron Mountain's managed service, you minimize your capital investment and support your HIPAA requirements for disaster recovery.

#### FROM LEADERS YOU CAN TRUST

No vendor has more experience in disaster recovery than Iron Mountain. From the Northridge earthquake, to Hurricane Katrina and the attacks of 9/11, Iron Mountain has the proven experience you can rely on. We have successfully helped customers recover

from more than 150 major disaster events, executed more than 10,000 disaster recovery tests, and trained more than 2,000 recovery experts to support your recovery needs.

The Digital Record Center for Medical Images, developed in conjunction with HP, is powered by HP's Medical Archiving Solution (MAS) technology which is deployed in more than 175 facilities worldwide. The solution is specifically designed for medical images, and offers the highest levels of disaster protection, recovery, and security.

You can trust your medical images to Iron Mountain's disaster recovery solution.

#### DISASTER RECOVERY FEATURES AND BENEFITS

- Continuous backup ensures the most recent data is backed up and moved off-site.
- Rapid recovery time minimizes downtime in case of disaster.
- Automatic backup frees up staff and resources, and eliminates hassles and problems.
- Off-site storage in secure facilities reduces the risk of data loss and supports compliance.
- Compatible with your current PACS to provide seamless protection.
- Managed service transfers the technology obsolescence, risk, and maintenance to Iron Mountain.
- No additional hardware investment controls costs and reduces up-front expenses.

**SAFEGUARDING YOUR MEDICAL IMAGES FROM DISASTER**

The Digital Record Center for Medical Images service for disaster recovery enables your healthcare facility to:

- mitigate your disaster recovery risks;
- meet your HIPAA compliance obligations; and
- focus on quality of care and cost management.

The service integrates with your existing PACS, is highly scalable and quickly implemented. With Iron Mountain’s solution, you can be confident that all of your medical images are available when you need them most.

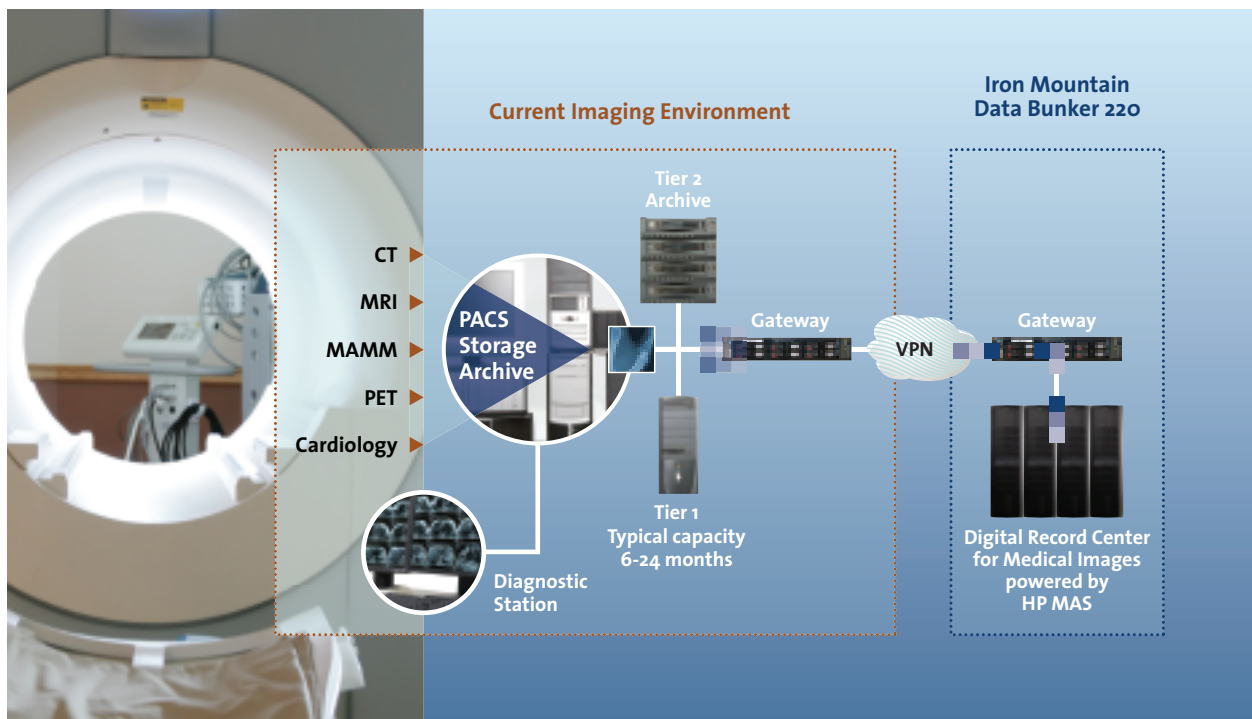
**ENJOY THE BENEFITS OF THE LEADING DISASTER RECOVERY SOLUTION**

**Rapid recovery time**

Iron Mountain ensures that you minimize downtime in the event of a disaster. Leveraging our proven expertise, this solution delivers optimum Recovery Time Objectives (RTO) and Recovery Point Objectives (RPO). We offer several disaster recovery alternatives designed to handle any amount of data that must be restored. With our staff of thousands of recovery experts and hardware ready in reserve, Iron Mountain is prepared to respond quickly and get you up and running if disaster strikes.

**Reduced costs of technology and staffing**

Iron Mountain’s Digital Record Center for Medical Images reduces the requirements and costs associated with staffing for backup management. Your healthcare facility can rely on Iron Mountain’s automated processes — letting you set it and leave it — instead of taxing your own valuable staff.



Iron Mountain’s Digital Record Center for Medical Images integrates seamlessly with your existing environment, presenting itself to your on-site PACS as a remote storage archive. An on-site appliance — or gateway — connects to the PACS. The digital medical image studies are forwarded from the PACS to the gateway, then transmitted over a secure VPN network to Iron Mountain’s underground, remote data center. Iron Mountain’s service supports the regulatory requirements for storage, transmission and protection of patient information.

In addition, the service can reduce the costs and risks of technology obsolescence. Iron Mountain assumes the burden of maintenance, updates, and technology upgrades — leaving your facility free to focus on its primary mission of patient care.

### Secure data protection

All medical images are stored off-site at Iron Mountain's Data Bunker 220, one of the most secure, commercially available data centers in the world. The ultra-protective environment, located 220 feet underground, is resistant to seismic and other natural disasters. We maintain rigorous employee and visitor identification procedures, closed-circuit television monitoring, security systems and alarms, and advanced fire suppression technologies. A self-sufficient underground city, with 24-hour armed security and 24x7x365 service operation, ensures that important data is securely protected.

### Advanced network security

Network security is ensured whether you choose a public Virtual Private Network (VPN) or a private networking environment for dedicated telecommunications. For VPN communications, Iron Mountain utilizes a highly secure IPSec VPN connection for all data movement to and from the customer premise and the Iron Mountain data center. All communications within this VPN tunnel are protected and secure. As an option, using our VPN along with your private network connection, you get the benefit of an additional layer of security. As a practice, Iron Mountain maintains advanced data security measures, including:

- Firewall best practices
- Intrusion prevention
- Data validation

### Reduced compliance risk

The HIPAA Security Rule, which went into effect in April 2005, targets electronic Protected Health Information (PHI) and requires a disaster recovery plan (see sidebar). Iron Mountain provides the tools you need to ensure that your medical images are stored, transmitted and protected according to HIPAA requirements.

### The support you need, now and in the future

Iron Mountain offers full support to help you design and deploy your disaster recovery program. Our support team has deep experience in healthcare best practices, and we can help you quickly gain the benefits and value of professional disaster recovery services.

Our team will get you started quickly, and will be there whenever needed. Iron Mountain's team is available 24x7x365 to support your needs, and we respond quickly to your critical service requests.



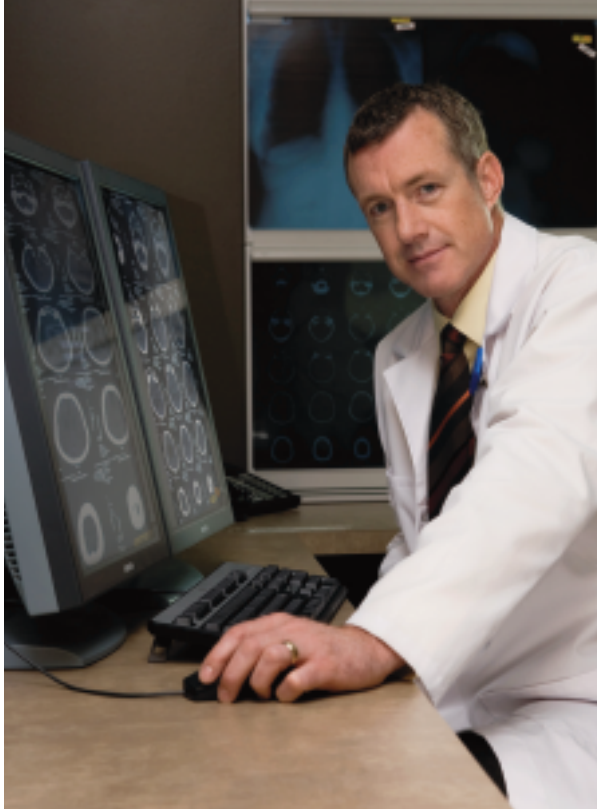
### HIPAA AND DISASTER RECOVERY

HIPAA contains strong requirements regarding disaster recovery and business continuity planning.

Specific requirements (under Section §164.308) for data recovery include:

- Data backup plan (Required). Establish and implement procedures to create and maintain retrievable exact copies of electronic protected health information.
- Disaster recovery plan (Required). Establish (and implement as needed) procedures to restore any loss of data.
- Emergency mode operations plan (Required). Establish (and implement as needed) procedures to enable continuation of critical business processes for protection of the security of electronic protected health information while operating in emergency mode.
- Testing and revision procedures (Addressable). Implement procedures for periodic testing and revision of contingency plans.

Iron Mountain's Digital Record Center for Medical Images provides the tools that help you meet these HIPAA requirements, and ensures that you will be able to recover rapidly in the event of a disaster.



#### YOUR PROVEN PARTNER

Iron Mountain will work with you to evaluate your disaster recovery needs and develop a plan to implement it. You'll have the industry's leading disaster protection for your medical images, at a cost that is predictable and manageable.

Iron Mountain has been the leader in records management and disaster recovery since 1951. Today, more than 45,000 accounts, including 2,000 hospitals in North America, trust Iron Mountain for their information protection and storage, and our digital data protection services manage more than 4 petabytes of data. This experience uniquely positions Iron Mountain to be your partner in digital medical information storage and data protection.

To learn more about our Digital Record Center for Medical Images as well as other services for healthcare, visit our Web site at [www.ironmountain.com](http://www.ironmountain.com)

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