



DATA BACKUP  
AND RECOVERY

# IRON MOUNTAIN® ARCHIVAL TAPE MANAGEMENT SOLUTION

Improved Information Management and Access for Long-term Retention

# TAPE: The De Facto Corporate Archive

Because it's cost-effective, reliable and secure, many organizations use magnetic tape as a critical component of their backup strategies – and often end up retaining this media as their de facto corporate archive. And for good reason, consider:

## TAPE IS RELIABLE

**2-4** orders of magnitude more reliable than SATA disk drives<sup>1</sup>

## TAPE IS COST EFFECTIVE

**15x** less expensive than alternatives when it comes to archiving<sup>2</sup>

## TAPE IS USED BY THE MAJORITY

**73%** of organizations already use it as part of their primary backup methodology<sup>3</sup>

<sup>1</sup> "Data Storage: Tape Data Storage Remains an Enterprise IT Workhorse After 60 Years." eWeek.com. May 18, 2012.

<sup>2</sup> "In Search of the Long-Term Archiving Solution - Tape Delivers Significant TCO Advantage over Disk." The Clipper Group. December 2010.

<sup>3</sup> "Organizations Leverage Hybrid Backup and Recovery to Take Advantage of Speed and Low Cost." Gartner Research Note. August 22, 2012.

# ARCHIVAL DATA: CRITICALLY IMPORTANT

Your organization must retain information over the long term for a variety of business and regulatory purposes – and very often this archival data resides on backup media.

When it comes to managing backup tapes as your archive, you need easy access to the stored data so that you can quickly respond to any request, such as for discovery, audit or business analytics.

Pulling archival data from backup media within SLAs can be a challenge for several reasons.

## **MANAGING DISCONNECTED DATA**

First, if your organization has upgraded and consolidated its backup infrastructure or inherited a large volume of tapes as the result of mergers and acquisitions, then tracking the contents of each is no small task. Chances are you have media created with multiple tape backup systems and silos of tape catalog data. What's more, these backup systems and catalogs are rarely compatible, which makes the search and restoration process extremely time consuming.

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The digital universe produced 2.8 zettabytes of data in 2012.<sup>4</sup> By 2020, this number will be 50 times larger.<sup>5</sup>

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## **ADOPTING A JUST-IN-CASE APPROACH**

You may have decided to maintain these multiple backup systems “just in case” you need to retrieve something from an older tape. And in doing so, accepted the fact that they use valuable space in your data center and require costly maintenance and support fees. Or perhaps you've decommissioned your legacy tape backup systems to reduce costs, and now face the risk of losing access to important archival data.

## **STAFFING FOR THE UNEXPECTED**

There's little doubt that when a request comes in to retrieve archival data, you have to divert resources from an IT team that is already spread thin. When these requests for archival data land in your inbox, you need to be sure you can meet your internal and external stakeholders' expectations. An inability to locate and provide the right data when it's required could expose your organization to considerable financial and brand risk.

<sup>4</sup> “The 2012 Digital Universe Study: Big Data, Bigger Digital Shadows, and Biggest Growth in the Far East.” IDC, Dec 2012.

<sup>5</sup> “The 2011 Digital Universe Study: Extracting Value from Chaos.” IDC, June 2011.

# What if you could overcome your archival data management challenges and:

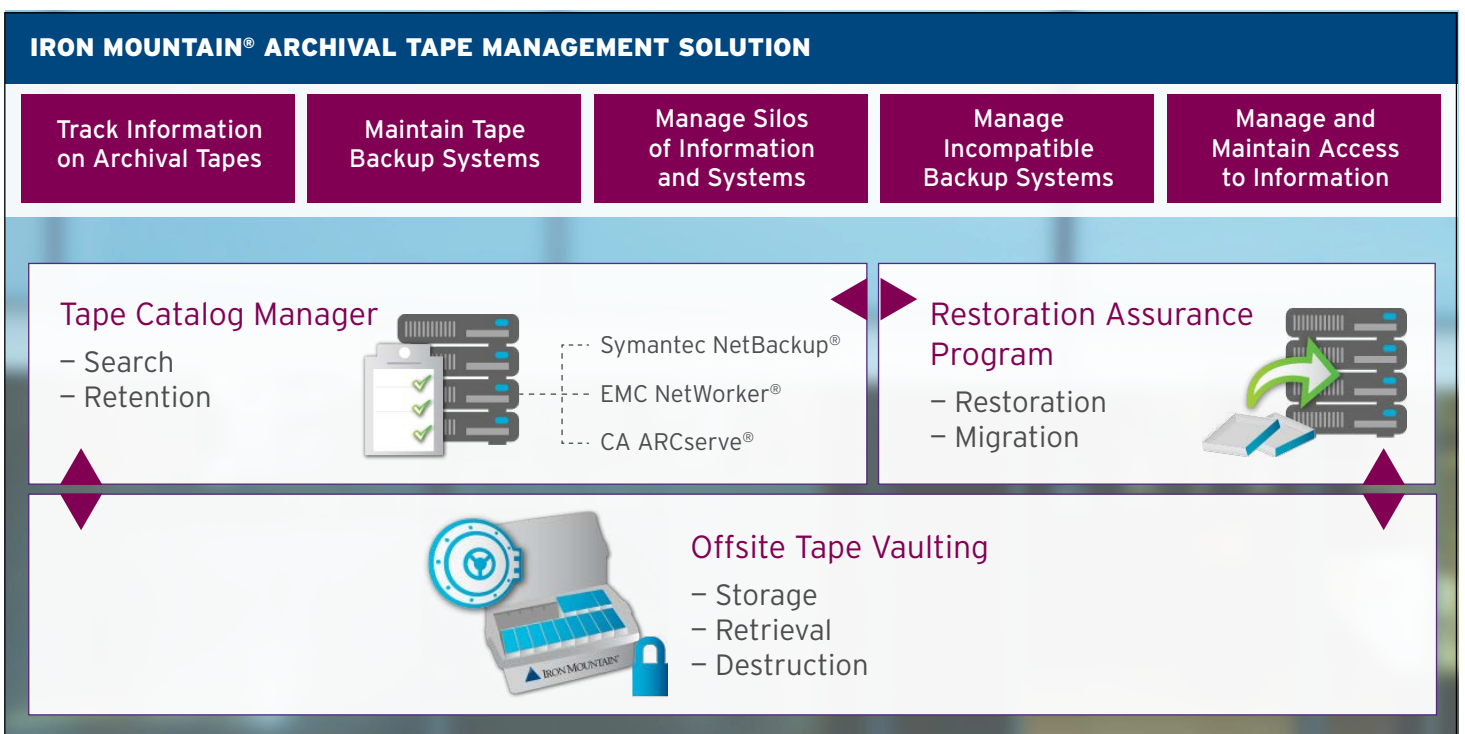
- Reduce the cost of backup tape operations by retiring your legacy systems?
- Know what you have on your backup tapes?
- Get back what you need, when you need it?
- Keep what matters in the right format?
- Protect media for the long term?

## WITH THE IRON MOUNTAIN ARCHIVAL TAPE MANAGEMENT SOLUTION, YOU CAN.

With the Iron Mountain Archival Tape Management solution, you can consolidate silos of tape catalog data, so that you know what you have, are able to keep only what matters and can recover what you need when you need it. This way, you can decommission your legacy tape backup systems while keeping your staff focused on their core competencies.

## WITH THE ARCHIVAL TAPE MANAGEMENT SOLUTION, YOU CAN:

- ✓ Remove costs from your tape operations and equipment
- ✓ Consolidate silos of tape catalog data to find what you need faster and accelerate your response to retrieval requests
- ✓ Quickly map out what information resides on which tapes, so you can deliver what's needed when it's requested
- ✓ Protect and preserve your archival media for the long term in a secure, environmentally controlled facility
- ✓ Keep your IT staff focused on core tasks and spend less time looking for information on archival media





## The Iron Mountain Archival Tape Management solution can be customized to meet the specific needs of your organization.

Enhance your Archival Tape Management solution experience with Data Backup and Recovery services that help your organization better protect, manage and access tape-based information, including:

- Iron Mountain Tape Identification
- Iron Mountain Data Restoration
- Iron Mountain Media Migration
- Iron Mountain Secure Media Destruction

### **KEY COMPONENTS OF THE ARCHIVAL TAPE MANAGEMENT SOLUTION INCLUDE:**

**TAPE CATALOG MANAGER** helps you reduce the cost of managing your archival tapes by proactively consolidating multiple catalogs created by various backup systems. It can automatically extract catalog data from different backup systems and transform catalog indexes of different formats into a common format for easy access through an intuitive Web interface. With this single view of your archival data, you can make more defensible retention and destruction decisions and accelerate turnaround on data restoration requests.

**RESTORATION ASSURANCE PROGRAM** reduces backup and archival tape operation costs by eliminating the need to maintain legacy tape systems. This subscription service provides both scheduled and ad-hoc, on-demand restoration and migration of email and data files from tape. The Restoration and Migration Assurance Program ensures that your archival tapes can be restored and data can be migrated at any time, and at a predictable cost, without the worry and expense of maintaining legacy backup hardware and software.

**OFFSITE TAPE VAULTING** ensures that your archival media is securely stored in the right environmental conditions, helping you preserve it for long-term retention. You can rely on a rigorous chain-of-custody and audit trail – both in transit and when your tapes are stored in one of our secure, environmentally controlled facilities. And, because your media is managed following proven procedures and best practices, you can be confident in your ability to locate and deliver the right information any time you get a request for data from a specific tape.



**ABOUT IRON MOUNTAIN.** Iron Mountain Incorporated (NYSE: IRM) provides information management services that help organizations lower the costs, risks and inefficiencies of managing their physical and digital data. Founded in 1951, Iron Mountain manages billions of information assets, including backup and archival data, electronic records, document imaging, business records, secure shredding, and more, for organizations around the world. Visit the company Web site at [www.ironmountain.com](http://www.ironmountain.com) for more information.

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