

Reduce data storage cost and risks

Iron Cloud Object Storage powered by Scality

Challenge

Though more data is being created at a rapid pace, all data is not created equal. Organizations are generating massive amounts of digital data, both natively through applications like artificial intelligence (AI), and through the ongoing digitization of physical documents. Managing this trove of information is becoming both a cost and security challenge. With so much of the data being unstructured, tracking, organizing, and archiving this information is stretching operational budgets. And as the reliance on digital data grows, securing this information to protect the organization becomes a far more daunting task when faced with rising external threats.

Impact

With the growing threats from rapidly advancing technologies like ransomware, locally stored data is increasingly at risk. Organizations need a secure environment for hosting and managing storage, but too often they find that the cost and complexity of managing storage locally is escalating. Additionally, organizations are required to archive large volumes of data to satisfy regulatory and compliance regulations. Within these strategies, it is critical to address the protection of information as well as provide a solid, trusted mechanism for migration as infrastructures and their associated technology devices change over time.

What if you could

- Better protect your data from the rising internal and external threats
- Increase accessibility to information across the business in a more organized manner
- Reduce the cost and complexity of managing local storage without impeding access



Industry fact

As cyber threats increase, stored data is increasingly at risk. IBM estimates that the average cost of a data breach in 2024 has risen to \$4.88M per incident, putting a stark focus on protecting data throughout an organization.

[IBM](#)



Iron Cloud Object Storage

Iron Cloud Object Storage helps organizations manage their rapidly increasing data while reducing storage costs and enhancing data access. With tailored cloud storage solutions, Iron Cloud addresses data storage needs throughout the entire data lifecycle, improving compliance, reducing risk, and saving money.

Iron Cloud Object Storage focuses on data archiving and backup, integrating with existing processes to provide a cost-effective cloud-based storage option that protects against accidental deletion and offers rapid recovery, even down to individual file levels.

To improve cyber resiliency, Iron Cloud Object Storage offers an offline, air-gapped secure copy of data, ensuring recovery from ransomware attacks and protecting against potential threats that may appear after restoration.

In cases of natural or man-made disasters, Iron Cloud ensures that your data is accessible 24/7 for fast and cost-effective recovery, maintaining consistent and predictable operational costs despite budget disruptions.

As AI and other applications increase data generation, Iron Cloud provides a budget-friendly solution for storing

inactive data that needs archiving, reducing local storage costs while maintaining accessibility. Data migration between local storage and cloud storage, including air-gapped offline storage, is seamlessly managed through Iron Cloud Object Storage.

Lower your total cost of ownership by storing and protecting your data in the secure and scalable Iron Cloud. Reach out to Iron Mountain to learn more about Iron Cloud's cyber resilient data protection and storage services.

Business benefits

Iron Cloud Object Storage delivers clear benefits to your organization:

- **Cut costs:** With the rising cost of managing storage locally, Iron Cloud Object Storage offers a cost-effective, accessible, and resilient cloud solution. By removing the need for on-premises hardware and dedicated personnel, it frees up budgets and resources for more critical business needs.
- **Simplify operations:** By integrating into your existing data processes, Iron Cloud Object Storage helps streamline operations by identifying data tiers and applying appropriate management rules to meet your compliance needs. From digitizing

physical information to managing AI-generated data, our Object Storage solution organizes and provides streamlined access to both structured and unstructured data.

- **Improve security:** Iron Cloud Object Storage secures data against external threats like hackers and ransomware and ensures resiliency during natural or man-made incidents. With a secure, immutable data repository and air-gapped offline storage option, our Object Storage solution protects your information and ensures it's always accessible for recovery, maintaining business operations even in unpredictable situations.

How Iron Mountain and Scality come together for this solution

Iron Mountain partners with leading technology providers like Scality, a global leader in object storage, to deliver enterprise-class, cyber-resilient data protection services. Our solutions are hosted in Iron Mountain's highly secure, sustainable, and compliant data centers. Combining their expertise, Iron Mountain and Scality provide global leadership in cyber-resilient storage for AI, backup, and cloud applications.

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About Iron Mountain

Iron Mountain Incorporated (NYSE: IRM), founded in 1951, is the global leader for storage and information management services. Trusted by more than 225,000 organizations around the world, and with a real estate network of more than 85 million square feet across more than 1,400 facilities in over 60 countries, Iron Mountain stores and protects billions of information assets, including critical business information, highly sensitive data, and cultural and historical artifacts. Providing solutions that include secure storage, information management, digital transformation, secure destruction, as well as data centers, art storage and logistics, and cloud services, Iron Mountain helps organizations to lower cost and risk, comply with regulations, recover from disaster, and enable a more digital way of working. www.ironmountain.com for more information.

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