



IRON CLOUD™

INDUSTRY FACT

ARCHIVAL DATA
RETENTION
REQUIREMENTS
OF 100 YEARS OR
MORE ARE NOW
COMMON

ACTIVE ARCHIVE ALLIANCE,
ACTIVE ARCHIVE AND THE S
TATE OF THE INDUSTRY
2019, JULY 2019

SOLUTION BRIEF

IRON CLOUD SECURE OFFLINE STORAGE

**COST-EFFECTIVE LONG-TERM COLD
STORAGE FOR YOUR INACTIVE DATA**

BUSINESS CHALLENGE

In this era of digital transformation, data is growing at an extremely rapid rate. This data is often used for real-time decision making, but regulatory and compliance mandates also require much of it to be retained, sometimes for years, even decades. These greater demands for retention, along with heightened risks of cyberattacks, are creating a pressing need for secure, long-term offline storage. This need must be met while simultaneously balancing storage costs, access requirements and data retention policies.

WHAT IF YOU COULD

- Follow best practices for data backup and archiving while also reducing costs, complexity and risk
- Modernize data protection for long-term retention and compliance
- Increase data security and protect against from ransomware

IRON CLOUD SECURE OFFLINE STORAGE

Since storing all your data in the cloud can be expensive, Iron Mountain's Iron Cloud Secure Offline Storage (SOS) provides an ultra-low cost, fully-managed solution that moves your inactive data - about 80 percent of the data within your organization - offline and offsite so you can reduce risk, improve security and optimize storage costs.

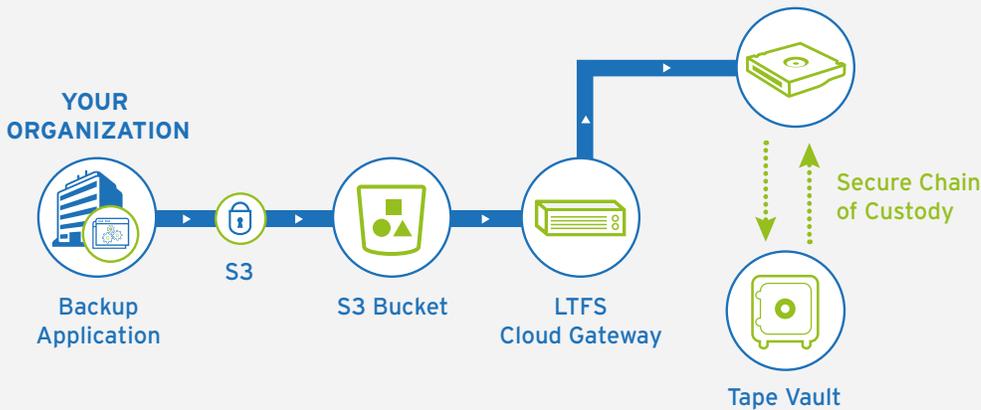
Offline data is safely kept in a climate-controlled vault, physically isolated from unsecured networks and quickly recoverable based on SLAs. This cold storage approach decreases your storage costs and ensures long-term archival data compliance, while retaining options for fast cloud-based retrieval whenever needed.

HOW IT WORKS

Inactive data can be stored offline using a mix of cloud and tape, so data is retrievable via the cloud but secured in cost effective storage. Here's how it works:

1. Data is uploaded from your storage devices (cloud, hard drive, spinning disk, etc.) to a secure object bucket in the Iron Cloud. Data is encrypted in transit and at rest.
2. Iron Mountain migrates inactive data from the cloud to tape, and then stores the tape in a climate controlled tape vault.

- Offline data is brought back online by requesting the data from the secure object bucket. Data is brought back online within 24 hours of the request.



WHAT YOU GAIN

With Iron Cloud SOS, you can keep up with exponential data growth, save on long-term storage costs and improve compliance with retention policies. By placing inactive data on a cost-effective storage tier, and since Iron Mountain doesn't charge egress fees, you can also make your data more portable and take control of the unstructured data created by your organization. Our technology agnostic approach also means we can work with your cloud providers to create a data management strategy based on your requirements.

CASE STUDY

An organization faced rising costs of tape backup infrastructure for archival data and wanted to modernize their data protection strategy. Iron Cloud SOS replaced tape infrastructure with a cloud model for long-term data retention with cost savings on storage, software licenses and hardware.



800.899.IRON | [IRONMOUNTAIN.COM/SOS](https://www.ironmountain.com/sos)

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 220,000 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 50 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. Visit www.ironmountain.com for more information.

© 2021 Iron Mountain Incorporated. All rights reserved. Iron Mountain and the design of the mountain are registered trademarks of Iron Mountain Incorporated in the U.S. and other countries. All other trademarks and registered trademarks are the property of their respective owners.