SEAGATE
LYVE™ Cloud

Solution Brief
INFREQUENT ACCESS

Optimize lifecycle data management.

Lyve Cloud offers an accessible and cost-efficient infrequent access service to preserve, protect, and easily retrieve rarely accessed data.

Challenge Summary

Long-term data management presents unique challenges, often forcing companies to balance cost-effectiveness and continuous analytics. As data accumulates over time, storage costs can skyrocket, and maintaining accessibility for analytics becomes increasingly complex. It often becomes challenging to find the right service with the flexibility needed to manage infrequently accessed data efficiently.

Solution Summary

Seagate Lyve™ Cloud infrequent access tier is specifically designed to preserve data for extended periods, making it ideal for digitizing tape repositories, maintaining active archives, meeting compliance and regulatory requirements, and storing log and event data for audits

What if you could cut storage costs by 70% on average while balancing performance and scalability, so your critical data remains secure and instantly accessible?

Our dedicated infrequent access tier provides low-cost efficiency with the same high availability, durability, and security as our standard access tier.

- Unlike traditional cold storage, it offers quick retrieval to improve your time to data.
- Unlike tape archives, manual overhead and operational complexity is reduced.

Increase efficiency, while decreasing cost for:

- Edge-generated content
- Disaster recovery
- Long-term analytics
- Compliance audits

It's the smart way to tier storage—reducing budget strain without compromise.

Benefits Summary

- **High durability, high availability.** Offers millisecond latency and similar service level agreement (SLA) service as a standard tier.
- **Security and compliance.** Provides robust encryption, immutability, SOC 2, ISO27001, and HIPAA compliance.
- **Cost-efficient.** Features predictable billing for a lower cost storage tier that holds infrequently accessed data.
- **Performance.** Delivers the same performant SLA service as standard tiering.

Introduction

In today's data-driven world, organizations are generating and collecting vast amounts of data at an unprecedented rate. This data explosion is fueled by advancements in technology, the proliferation of IoT devices, and an increasing reliance on digital platforms for business operations. As a result, companies are faced with the daunting task of managing and storing this ever-growing volume of data.The challenge is further compounded by the need to balance cost-effectiveness with the ability to access data when needed for analytics, gaining business intelligence and monetize data in a new way. Traditional storage solutions often fall short when providing the necessary flexibility and scalability, leading to inefficiencies and increased costs.

Moreover, regulatory requirements and compliance standards necessitate the retention of data for extended periods, adding another layer of complexity to long-term data management. Companies must ensure their data remains accessible and secure, even if it is not frequently accessed. This creates a landscape where the need for flexible and cost-effective storage solutions is paramount.

Today's Challenge

To protect business-critical records and data, businesses must incorporate sophisticated backup strategies. The effects of ransomware attacks can drain companies of their resources, earnings, and priceless information. These attacks have become harder to recover from and are growing in number, with attackers now targeting backup storage in addition to primary storage. According to cybersecurity firm SonicWall's 2025* report, cybercrime rose by 38% worldwide between 2023 and 2024. In North America alone, attacks rose by 45% during the same span of time.

Further complicating matters in the wake of these attacks is the reality that the recovery process is time consuming, which extends operational and business losses. In addition to ransom and recovery costs, many cloud providers charge to move and retrieve this data. This leaves businesses to choose between paying high fees, losing data, or in some cases, paying the ransom. Top-tier security prevention with affordable cloud services is fundamental to safeguarding data against ransomware threats.

* Source: 2025 SonicWall Mid-Year Cyber Threat Report: https://sonicguard.com/2025-Mid-Year-Cyber-Threat-Report.asp

Solution approach

The overarching challenge faced by customers in long-term data management is multifaceted, involving both technical and financial considerations. As organizations accumulate vast amounts of data, storage costs become a significant burden. Traditional storage solutions—while effective for short-term needs—often lack the scalability and cost-efficiency required for long-term data retention. This leads to escalating storage expenses, which can strain budgets and divert resources from other critical business operations. Additionally, the need to maintain data accessibility for compliance and occasional analytics further complicates the storage strategy, as it requires a balance between cost and performance.

Another critical aspect of the challenge is ensuring data integrity and security over extended periods. Data that's stored for long-term use must be protected against loss, corruption, and unauthorized access. This necessitates robust data governance policies and advanced security measures, which can be both complex and costly to implement. Furthermore, regulatory requirements often mandate the retention of specific data types for several years, adding another layer of complexity to the management process. Companies must navigate these regulations while making sure their data storage solutions remain both compliant and cost-effective.

The rapid pace of technological change also poses a challenge for long-term data management. As new storage technologies and solutions emerge, organizations must continuously evaluate and adapt their strategies to leverage the most efficient and cost-effective options available. This requires ongoing investment in technology and expertise, which can be a significant burden for companies, especially those with limited IT resources. Additionally, the need to migrate data from legacy systems to newer platforms can be a complex and resource-intensive process, further complicating the long-term data management landscape.

In this context, the infrequent data access service offers a compelling solution. By providing a cost-effective way to store large volumes of data that are not regularly accessed, this service helps organizations manage their long-term data storage needs more efficiently. It allows companies to reduce storage costs while keeping their data accessible for compliance and occasional analytics. This approach not only addresses the financial challenges associated with long-term data management, but also simplifies the technical complexities, enabling organizations to focus on their core business objectives.

Leveraging Seagate solutions

Seagate Lyve Cloud infrequent access tier is designed to address the complex challenges of long-term data management by offering a cost-effective and highly efficient storage option. One of its standout features is the retrieval performance that meets tight recovery time objective (RTO) requirements, allowing data to be accessed quickly when needed. There are no retrieval fees to access your data on Lyve Cloud, which significantly reduces the total cost of ownership (TCO) and makes storing and accessing any data predictable. This makes it an attractive option for organizations looking to manage large volumes of infrequently accessed data without incurring high costs.

The solution also boasts immutable storage, which decreases security risks by preventing data from being altered or deleted. This is complemented by out-of-the-box compliance with major standards such as HIPAA, SOC 2, and ISO 27001, meeting data management practices stringent regulatory requirements. With unlimited scalability and over 45 years of storage leadership, infrequent access provides the reliability and expertise needed for long-term data management. The service offers the same high durability, availability, and robust enterprise security as standard tiering, along with global availability*. Flexible billing cycles and competitive pricing further enhance its appeal, making it a comprehensive solution for organizations seeking to optimize their long-term data storage strategies.

By leveraging the following unique capabilities, infrequent access effectively addresses the technical and financial challenges of long-term data management, providing a comprehensive and cost-effective storage strategy.

Features and benefits

Retrieval performance to meet tight access requirements:

- **Deployment/utilization.** Ensures that data can be accessed quickly when needed, whether it is to meet data retrieval times for analytics projects or tight Recovery Time Objective (RTO) requirements.
- **Challenge solved.** Addresses timely access to data for compliance and occasional analytics, making that critical data available without delay.

No retrieval fees and competitive pricing to access your data:

- **Deployment/utilization.** Eliminates retrieval fees with flexible billing options significantly reducing TCO.
- **Challenge solved.** Reduces the financial burden of long-term data storage, making it more cost-effective to retain large volumes of data over extended periods.

Immutable storage along with enterprise security:

- **Deployment/utilization.** Provides immutable storage preventing data from being altered or deleted and robust security measures for enhanced protection.
- **Challenge solved.** Enhances data security and integrity protecting long-term data against unauthorized changes and potential breaches.

Out-of-box compliance with HIPAA, SOC 2, ISO 27001:

- **Deployment/utilization.** Automatically complies with major regulatory standards.
- **Challenge solved.** Simplifies the process of meeting regulatory requirements, ensuring data management practices are compliant without additional effort or cost.

Unlimited scalability:

- **Deployment/utilization.** Offers unlimited scalability to accommodate growing data volumes.
- **Challenge solved.** Addresses the need for flexible and scalable storage solutions, allowing organizations to manage increasing amounts of data without constraints.

45+ years of storage leadership:

- **Deployment/utilization.** Leverages Seagate's extensive experience and expertise in storage solutions.
- **Challenge solved.** Provides reliability and trust in the solution, backed by decades of industry leadership and innovation.

Same high durability, high availability as standard tiering:

- **Deployment/utilization.** Maintains high durability and availability standards worldwide.
- **Challenge solved.** Ensures data is reliably stored and accessible, providing peace of mind that data will be available when needed and accessible from multiple locations worldwide*.

* Except in Japan.

Key use cases

Active archive: For large volumes of data like media archives that need to be preserved for quick and/or unpredictable access in the future.

Content repository/Data lake: Cost-optimize growing volumes needing long-term analysis but requires scalability up or down. (i.e. AI historical data and logs, edge data vs. purging).

Compliance & regulatory: Retention of record data for regulatory and audit, even if rarely accessed.

Disaster recovery: Quick restoration for business continuity without retrieval fees.

Digitizing tape repositories: A more scalable option with faster retrieval, and built-in security and compliance. Cost-efficient storage for rarely accessed data, balancing preservation and purging.

Log and event data: Store data for audits and historical analysis, typically rarely accessed.

In conclusion

Seagate Lyve Cloud infrequent access solution effectively addresses the real-world challenges of long-term data management by offering a comprehensive, cost-effective, and secure storage option. By eliminating retrieval fees after 180 days and providing immutable storage, it significantly reduces the total cost of ownership while ensuring data integrity and security. The solution's compliance with major regulatory standards—such as HIPAA, SOC 2, and ISO 27001—simplifies the process of meeting regulatory requirements, making it easier for organizations to manage their data responsibly.

With its unlimited scalability, high durability, and robust enterprise security, infrequent access stands out as the superior choice for long-term data management. The solution leverages Seagate's 45+ years of storage leadership, offering reliability and trust backed by decades of industry expertise. Additionally, the competitive pricing and flexible billing options make it an attractive option for organizations of all sizes. By choosing infrequent access, companies can optimize their storage strategies, reduce costs, and ensure compliance without compromising on data accessibility and integrity.

Ready to Learn More?

Visit us at **lyve.seagate.com** or download the brochure.