ACTIVATE YOUR DATA

S3 object storage for your multicloud environment.
YOUR CLOUD, YOUR WAY

Frictionless storage as a service, available at the metro edge.

Introducing a new approach to cloud storage. Lyve™ Cloud from Seagate® is your simple, trusted, and efficient storage as a service. Long-term cost predictability means you’ll never be surprised by your cloud bill. Put your data to work with always-on availability, world-class security, and cloud flexibility from the global leader in mass data storage management.
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SIMPLE. TRUSTED. EFFICIENT.

PREDICTABLE CLOUD ECONOMICS
Eliminate bill anxiety with simple pricing and long-term predictability, allowing you to scale without limits.

ALWAYS-ON AVAILABILITY
Crafted for high availability, durability, and reliability. Multi-region replication enables data access without costly delays, so your data is always available when you need it.

EASE OF MANAGEMENT
Easily manage your data with an intuitive dashboard, accessible consumption metrics, and 24×7 expert support through Lyve Cloud Console.

EDGE ENABLEMENT & COMPUTE
Leverage the combined expertise of Seagate and Equinix®—the world’s digital infrastructure company—to store and access data at the metro edge. With Platform Equinix®, you get the power of interconnections and choice of compute for your S3 workloads.
MANAGED MIGRATION
Eliminate data silos and reduce costs and technology dependencies. With support for any digital or analog data record or any media or size, we can migrate your data to Lyve Cloud for you.

WORLD-CLASS SECURITY
Safeguard your data with ransomware protection, enterprise-grade identity management support, automatic data replication, and data encryption at rest and in flight. ISO 27001:2013 and SOC 2 certifications demonstrate Lyve Cloud’s commitment to the most stringent, globally recognized data security standards.

THE INNOVATION ADVANTAGE
Let us handle data storage so you can focus on what you do best. With 40+ years of storage innovation, our vertically integrated cloud solution offers the fastest ramp to value.
PREDICTABLE CLOUD ECONOMICS

Simple, capacity-based pricing means you pay only for the storage you use—that’s it!

Cost shouldn’t be a barrier to storing and activating data at scale. Lyve Cloud delivers optimal TCO for mass data storage by eliminating cost-prohibitive extras that trap data in silos. Move data into, around, and out of Lyve Cloud without paying hefty fees for egress or API calls.

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>PRICE</th>
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</thead>
<tbody>
<tr>
<td>Data Storage</td>
<td>Pay per Terabyte</td>
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<tr>
<td>Data Retrieval</td>
<td>Included</td>
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<tr>
<td>Data Ingestion</td>
<td>Included</td>
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<tr>
<td>Read/Write Operations</td>
<td>Included</td>
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<tr>
<td>Archive Retrieval</td>
<td>Included</td>
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<tr>
<td>Expedited Data Access &amp; Retrieval</td>
<td>Included</td>
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<tr>
<td>Data Egress</td>
<td>Included</td>
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<tr>
<td>API Calls</td>
<td>Included</td>
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<tr>
<td>Anytime Data Deletion</td>
<td>Included</td>
</tr>
<tr>
<td>Expert Support</td>
<td>Included</td>
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</tbody>
</table>
ALWAYS-ON AVAILABILITY

Seagate is confident in Lyve Cloud’s ability to meet customer service level agreements regarding data availability and durability. If customers aren’t satisfied with Lyve Cloud’s availability, they have the freedom to move their data wherever they want without costly add-on charges.

CRAFTED FOR 99.99% AVAILABILITY.

OPTIONAL MULTI-SITE REPLICATION.

MORE THAN 11 9S OF DATA DURABILITY.

Read the White Paper →
EASE OF MANAGEMENT

Easily manage your data with Lyve Cloud’s intuitive dashboard.

WITH LYVE CLOUD, YOU GET:

- Accessible consumption metrics
- Bucket stats that show how much storage was used and the date, time, and location of data creation
- Enterprise-grade identity management support and federated authentication service that can easily integrate with all standards-based authentication and authorization
- Multi-factor authentication to increase the security of your user accounts
- The ability to assign user roles to determine what users can and cannot do
- 24×7 telephone and online support
- Professional support services
EDGE ENABLEMENT & COMPUTE

Our collaboration with Equinix brings Lyve Cloud closer to data sources at the metro edge.

Capture, store, and activate data at scale closer to the applications, workloads, and users that need access and derive timely insights that deliver real-world business value.
MANAGED MIGRATION

Take the guesswork out of data placement with fully managed migration services. Get secure and easy access to your data—anytime.

Discover new revenue streams and business opportunities, meet compliance requirements with ease, and never worry about physical storage fees or technology upgrades again. Designed for use with Lyve products and services, Managed Migration services help enterprises maximize their data’s potential globally and in real time with data migration, media migration, and digitization.

Read the Use Case →
ACTIVATE YOUR DATASPHERE WITH LYVE CLOUD
WORLD-CLASS SECURITY

Lyve Cloud adheres to the most stringent, globally recognized data security standards.

Safeguard your data with ransomware protection, enterprise-grade identity management support, automatic data replication, and data encryption at rest and in flight.

Read the White Paper
OBJECT IMMUTABILITY

The integrity of your data is our priority. Defend your data from unwanted modifications and meet data storage regulatory and compliance requirements with ease.

WHAT IS OBJECT IMMUTABILITY?
- Object immutability is a feature that prevents data from being changed or deleted.
- Object immutability enables users to specify how long they’d like their data to be immutable for.
- Versioning allows for data to be updated without getting corrupted or erased.

WHY IS IT IMPORTANT?
- Immutable storage enables ransomware protection to safeguard data from deliberate attacks.
- Immutability ensures data will not be accidentally changed, deleted, or overwritten.
- Businesses across industries rely on data protection for compliance, recovery, and more.

HOW DO WE DELIVER?
- Secure retention mode options for object immutability enable users to specify data retention times for each S3 bucket.
- Simplicity and ease of use empower users to take control of their data protection.
- Audit logs maintain detailed records of activity to support compliance and track suspicious activity.
Lyve Cloud enforces standard TLS 1.2 with 256-bit advanced encryption standard (AES) Galois/Counter Mode (GCM)—otherwise known as AES-256-GCM—to establish secure communications to the customer. As an authenticated encryption algorithm, GCM provides proven security of the symmetric-key cryptographic cipher that has wide adoption for its performance. Seagate storage hardware is validated by Federal Information Processing Standards (FIPS) 140-2/3.

Secure Data in Transit

![Diagram showing secure data in transit from Customer to Lyve Cloud with TLS 1.2 and AES-256-GCM]

- **Customer**: Authorization Header, DATA
- **Lyve Cloud**: Validates: Authentication, Authorization, Data Integrity
A key security feature of Lyve Cloud is that all data is encrypted before it’s stored, regardless of whether it’s encrypted at the source. There is no option to dial back the protection.
## SECURITY FEATURES

### Certifications: End-to-end security assurance of people, process, and technology.

<table>
<thead>
<tr>
<th>Certification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 27001 Certification</td>
<td>Comprehensive audits of our people, process, and technology, conducted by independent, third-party auditors, provide assurance that Lyve Cloud meets the most stringent, globally recognized data security standards.</td>
</tr>
<tr>
<td>SOC 2 Certification</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Durability</td>
<td>More than 11 nines</td>
</tr>
<tr>
<td>Data Replication</td>
<td>Active-Passive between any site and at S3 Bucket level</td>
</tr>
<tr>
<td>High-Availability Failover</td>
<td>Active-Active within the same region</td>
</tr>
<tr>
<td>Data Immutability</td>
<td>Object Immutability with specified data retention for compliance and ransomware protection</td>
</tr>
</tbody>
</table>

### Data Encryption: All data encrypted at every step of the way, ensuring your data is yours and yours alone.

<table>
<thead>
<tr>
<th>Feature</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Encryption Algorithm</td>
<td>256-bit advanced encryption standard (AES) Galois/Counter Mode (GCM) AKA: AES-256-GCM</td>
</tr>
<tr>
<td>Data in Flight and Key Management</td>
<td>End-to-end communication over secure channel using TSL 1.2 (AES-256-GCM)</td>
</tr>
</tbody>
</table>
| Encryption Key Management System (KMS) | Server-side encryption (SSE-C): Data is encrypted using client-provided key  
Servicer-side encryption (SSE-S3): Data is encrypted with unique Lyve-Cloud-provided key generated by the KMS using a cryptographically secure pseudo-random number generator (CSPRNG) |
| Identity and Access Management (IAM) | Support for multi-factor authentication, federated login using customer's identity provider, and multiple levels of roles for users to allow granular access to product features |
| Multitenancy                   | Complete data separation and management of separate customer clients                                                                                                                                          |
| Audit Logs                     | Access to Lyve Cloud immutable audit logs to see all user audit logs and activities, enabling identification of malicious activities                                                                            |
THE INNOVATION ADVANTAGE

Bring mass data to life with our integrated ecosystem.

Easily transfer and ingest mass data sets into your new cloud using encrypted Lyve Mobile devices.
USE CASES

Seagate’s S3-compatible Lyve Cloud is positioned for multiple data-intensive use cases—including backend for backup and archive, big data analytics, and several others across industry verticals.
SAFEGUARD BACKUP DATA

Store all backups in a highly available repository with predictable storage costs.

Losing data to human errors, disaster events, or ransomware can destroy entire businesses. Will yours be one of them? Fortify your 3-2-1-1 backup strategy with always-on cloud storage. Multi-region availability, replication, and object immutability make this storage-only cloud an ideal repository for backup storage and disaster recovery that complements your existing multicloud strategy. Get world-class security, proven reliability, and predictable storage costs—all at the best value per terabyte.

Read the Use Case
DO MORE WITH LEGACY BACKUP DATA

Modernize your backups with an always-on cloud storage repository.

Your legacy data is brimming with opportunity, but data silos and obsolete storage media are holding you back from tapping into it. Let us migrate all your digital and analog media to a highly available storage-only cloud for you. Consolidating legacy data in a single repository improves security, compliance, and access while making it easier to retrieve and monetize.

Read the Use Case →
ANALYZE BIG DATA IN THE CLOUD WITHOUT BIG FEES

Support big data analytics and deep learning across edge, core, and cloud.

Get elastic storage for data-intensive workloads with a frictionless cloud that maximizes capacity over time. Reliable, secure, and highly available, this object storage as a service enables frequent access to large data sets without cost-prohibitive extras—bringing predictable economics to your big data analytics. Complement your existing cloud strategy with a flexible storage-only cloud and get choice of compute for S3 workloads.

Learn More →
BRING EFFICIENCY TO VIDEO AND IMAGE WORKFLOWS

Store your footage in a cloud that’s always on, even when the cameras aren’t.

Is your video and image data being siloed by inefficient infrastructure? Deploy easy-to-use cloud storage for increasingly higher resolution media while paying only for the capacity used. We’ll also digitize your analog film and migrate your digital media to the cloud for you via our fully managed migration services. This single scale-out repository integrates seamlessly with post-production applications and AI-enabled technologies so you can easily access data for activation and reuse.

Improve media production workflows and remote collaboration for distributed media teams with always-on availability.

Read the Use Case
DEPLOY SCALABLE VIDEO MANAGEMENT SYSTEMS AND VIDEO SURVEILLANCE AS A SERVICE SOLUTIONS

Meet changing requirements for video data recording and analytics.

Access live and recorded video data from anywhere on demand and retain data securely and efficiently for as long as you need with a hybrid or hosted video surveillance as a service solution. End-to-end user access control and ransomware protection safeguard evidentiary data while capacity-based pricing eliminates cost-prohibitive fees. Seamless connection to S3-compatible solutions supports guaranteed retrieval of critical data while enabling analytics that drive business value.

Read the Use Case ➔
Lyve Mobile is a high-capacity edge storage solution that enables businesses to aggregate, store, move, and activate their data. Scalable, modular, and vendor agnostic, this integrated solution eliminates network dependencies so you can transfer mass data sets in a fast, secure, and efficient manner. With on-demand consumption delivered as a service, you order and pay only for the devices you need, when you need them.
MOVE DATA TO THE CLOUD ON YOUR TERMS

Lift and shift mass data to the cloud without rethinking your IT infrastructure.

Sending mass data over the network isn’t always an option. Accelerate time to value by moving data from remote locations to your cloud or data center without waiting for the network to catch up—never compromising data security and integrity in the process. Seamless integration with existing data center infrastructure simplifies deployment and eliminates heavy upfront costs. Consumption-based pricing optimizes TCO for your evolving transfer requirements.

Learn More →
Capture and ingest test data from autonomous vehicles in a fraction of the time when compared to traditional data transfer technologies.

Endpoints
- It can take >150 days to send 1.5PB of data from 10–20 vehicles via an enterprise-class connection.
- There are 20+ sensors in each vehicle.
- Each vehicle can record up to 150TB per day.

Micro Edge
- The rugged, vibration-resistant Lyve Mobile solution connects to data loggers in the trunks of the vehicles.
- TBs of data are quickly and easily ingested and extracted.
- Data shuttle handling is fast and easy.
Metro Edge

- Data can be stored in Lyve Cloud S3 storage for backup and archive.
- Reuse data later to meet compliance requirements and extract additional value with data analytics, AI, and ML.

Macro Edge

- Keep data on premises with cost-optimized storage systems powered by mass-capacity Exos® and Nytro® drives for secure data processing workflows and backups.

Multicloud

- Use data in multicloud for ML/AI learning.
- Improve AI and safety of future autonomous vehicles.
- Improve ML tools with captured data.

Put AV Data Where It Has the Most Value
READY TO TALK TO AN EXPERT?

Visit us online at www.seagate.com/lyvecloud