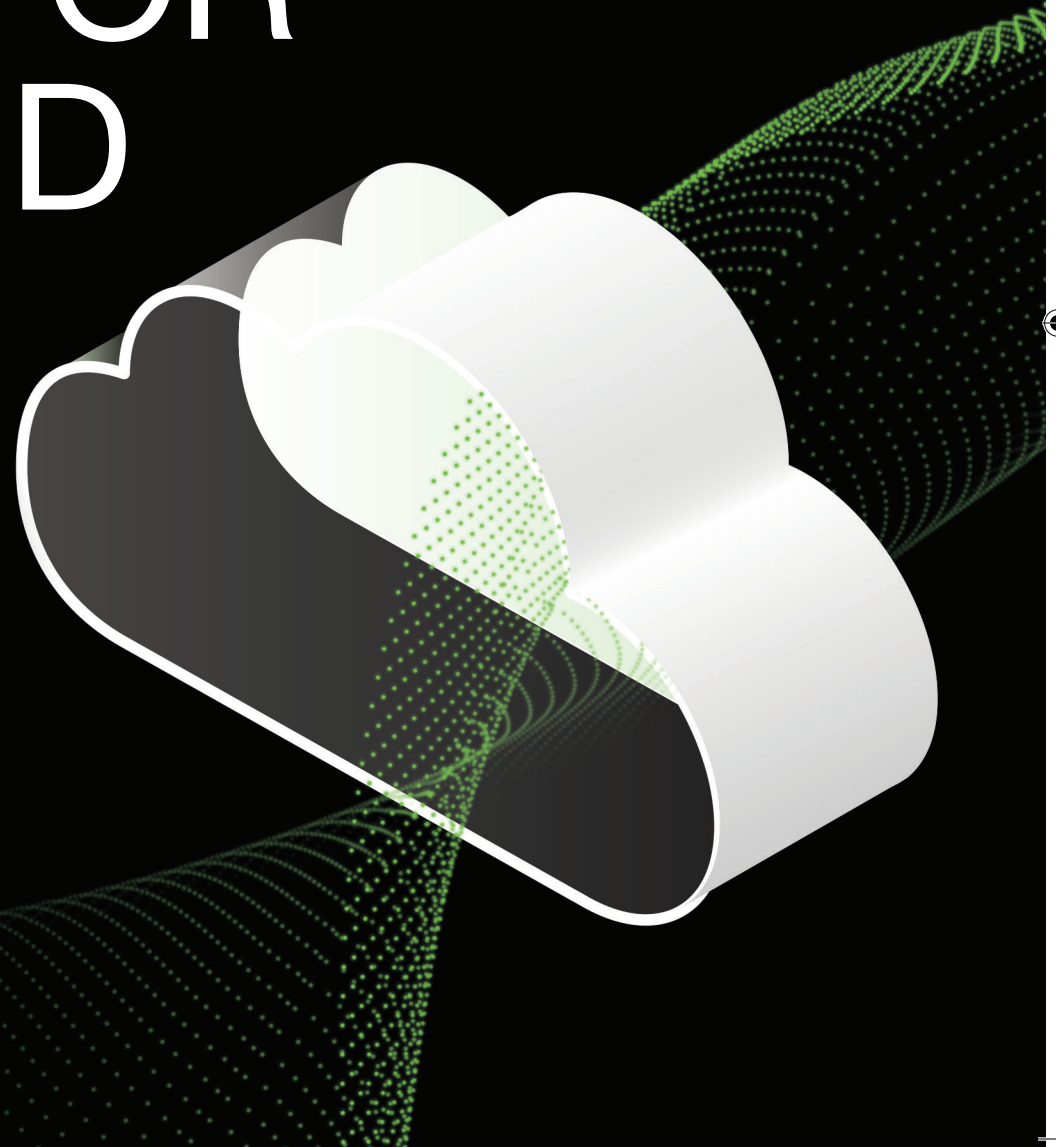# OBJECT STORAGE DESIGNED FOR MULTICLOUD

No egress. No API charges.
No friction.

SEAGATE

LYVE™ Cloud

MULTICLOUD FREEDOM AS A SERVICE

Cost-effective object storage designed for multicloud.

Enable multicloud freedom with Seagate® Lyve™ Cloud—a simple, trusted, efficient object storage solution for mass data. Predictable capacity-based pricing with no hidden fees for egress or API calls reduces total cost of ownership (TCO), so you'll never be surprised by your cloud bill. Put your data to work with verifiable trust and ease of use at scale from the global leader in data management.

BROCHURE CONTENTS

THE BENEFITS OF SEAGATE LYVE CLOUD

MULTICLOUD FREEDOM

Transfer data seamlessly across public and private cloud environments without extra charges for egress or API calls.

ALWAYS-ON AVAILABILITY

Access data anytime without costly delays thanks to best-in-class availability and durability.

PREDICTABLE TCO

Lower your cloud storage bill by as much as 70% with industry leading TCO.
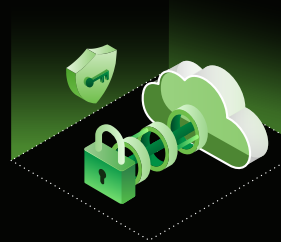
WORLD-CLASS SECURITY

Safeguard your data assets with the most stringent, globally recognized security standards.

HIGH DATA RESILIENCY

Prevent data deletion, manipulation, and data integrity challenges with highly durable and immutable object storage that supports data protection and anti-ransomware strategies.
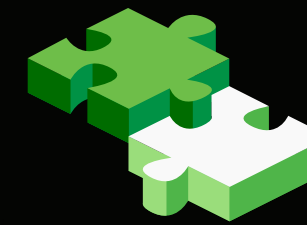
FRICTIONLESS DEPLOYMENT

Get up and running fast with user-friendly, S3-compatible application integration.

DATA ANALYTICS

Harness the freedom and scalability of open-data lake architecture with Lyve Cloud Analytics, a fully managed, full-stack platform for DataOps and MLOps.

VALIDATED PARTNER SOLUTIONS

Experience seamless compatibility between Lyve Cloud and its partner solutions...industry-leading providers Seagate works with to ensure and the best possible user experience.

TAPE MIGRATION AND STORAGE

Store, manage, access, and activate your legacy data with total ease using Seagate Lyve™ Cloud Tape Migration and Storage services.

DEMONSTRATED EXPERTISE

Put your trust in Seagate's 40+ years of global leadership and data storage technology innovation.

THE LYVE CLOUD ADVANTAGE FOR MULTICLOUD STORAGE

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

When it comes to cloud services, one provider simply can't do it all. That's why enterprises have been spreading their operations across multiple cloud providers. In theory, this should enable organizations to take advantage of provider-specific benefits and lower TCO. But with heavy fees for egress and API calls, multicloud in practice has resulted in data storage siloes and vendor lock-in.

Seagate Lyve Cloud provides cost-competitive object storage designed to tear down the barriers between clouds.

By combining services from multiple cloud providers and enabling data to move seamlessly between them without penalties for egress or API, enterprises can more easily connect their mass data sets to compute resources and various applications in the cloud.

STORAGE WITH PREDICTABLE CLOUD TCO

Reduce multicloud costs and cut storage TCO by more than 70%.

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.

FEATURE	PRICE
Data Storage	Pay per Terabyte
Data Retrieval	Included
Data Ingestion	Included
Read/Write Operations	Included
Archive Retrieval	Included
Expedited Data Access and Retrieval	Included
Data Egress	Included
API Calls	Included
Anytime Data Deletion	Included
Expert Support	Included
One Price for All Regions	Included

HIGHLY AVAILABLE ALWAYS-ON OBJECT STORAGE

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 are free 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

WORLD-CLASS SECURITY FEATURES

Lyve Cloud's commitment to data security is demonstrated by its ISO 27001 certification, SOC 2 Type 2 attestation, and HIPAA compliance.

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

AICPA SOC
aicpa.org/soc4so

A-LIGN
ISO 27001
CERTIFIED

HIPAA COMPLIANT
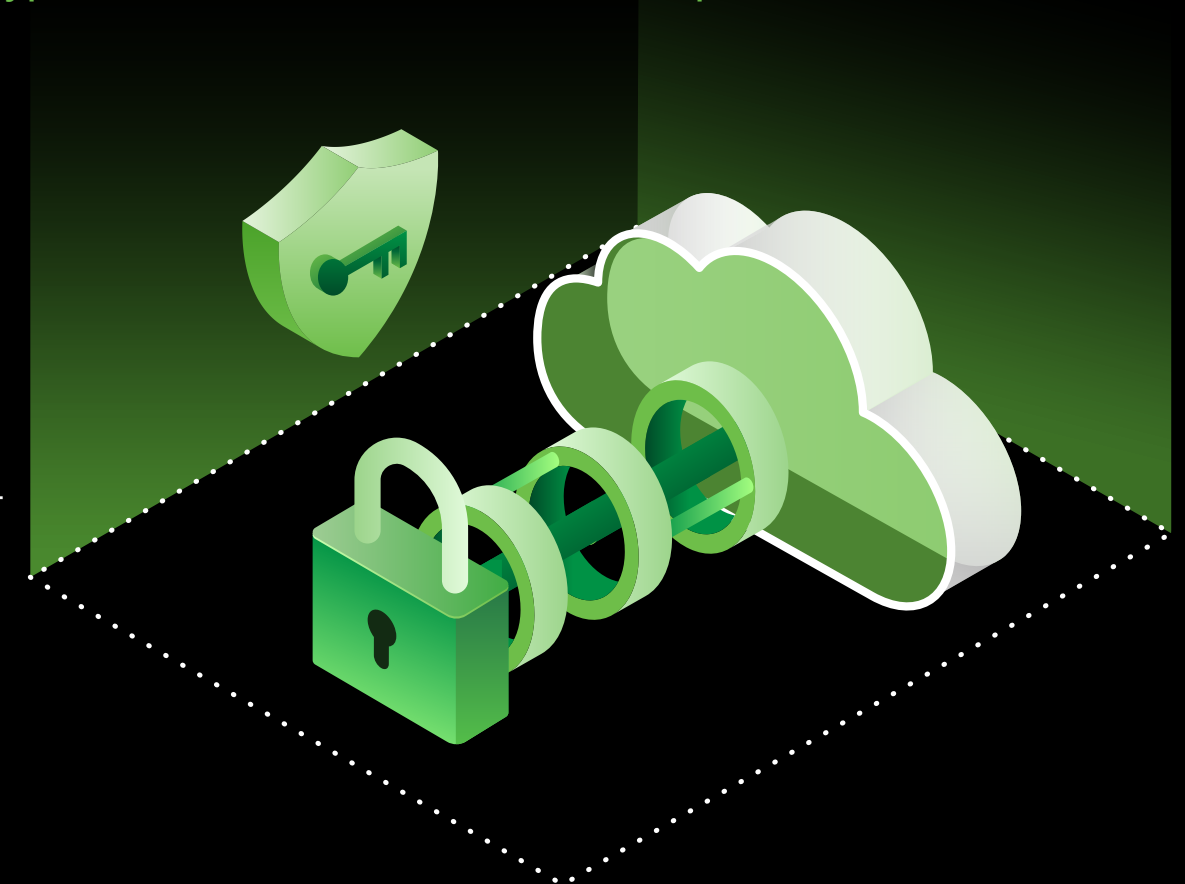
HIGH DATA RESILIENCY

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

WHAT IS OBJECT IMMUTABILITY?

- Object immutability is a feature that prevents data from being changed or deleted.
- Users can specify how long they'd like their data to be immutable for with compliance retention mode.
- 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 rely on data protection for compliance, recovery, and many other reasons.

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.

HIPAA COMPLIANT CLOUD PROVIDER

A Cloud Partnership for the Healthcare Industry

Seagate securely stores your data. Our enterprise class, secure, and resilient technology helps to ensure that customers have the highest level of encryption possible and security that complies with the strictest government standards. Seagate is HIPAA compliant for your health data and assures you will always be protected.
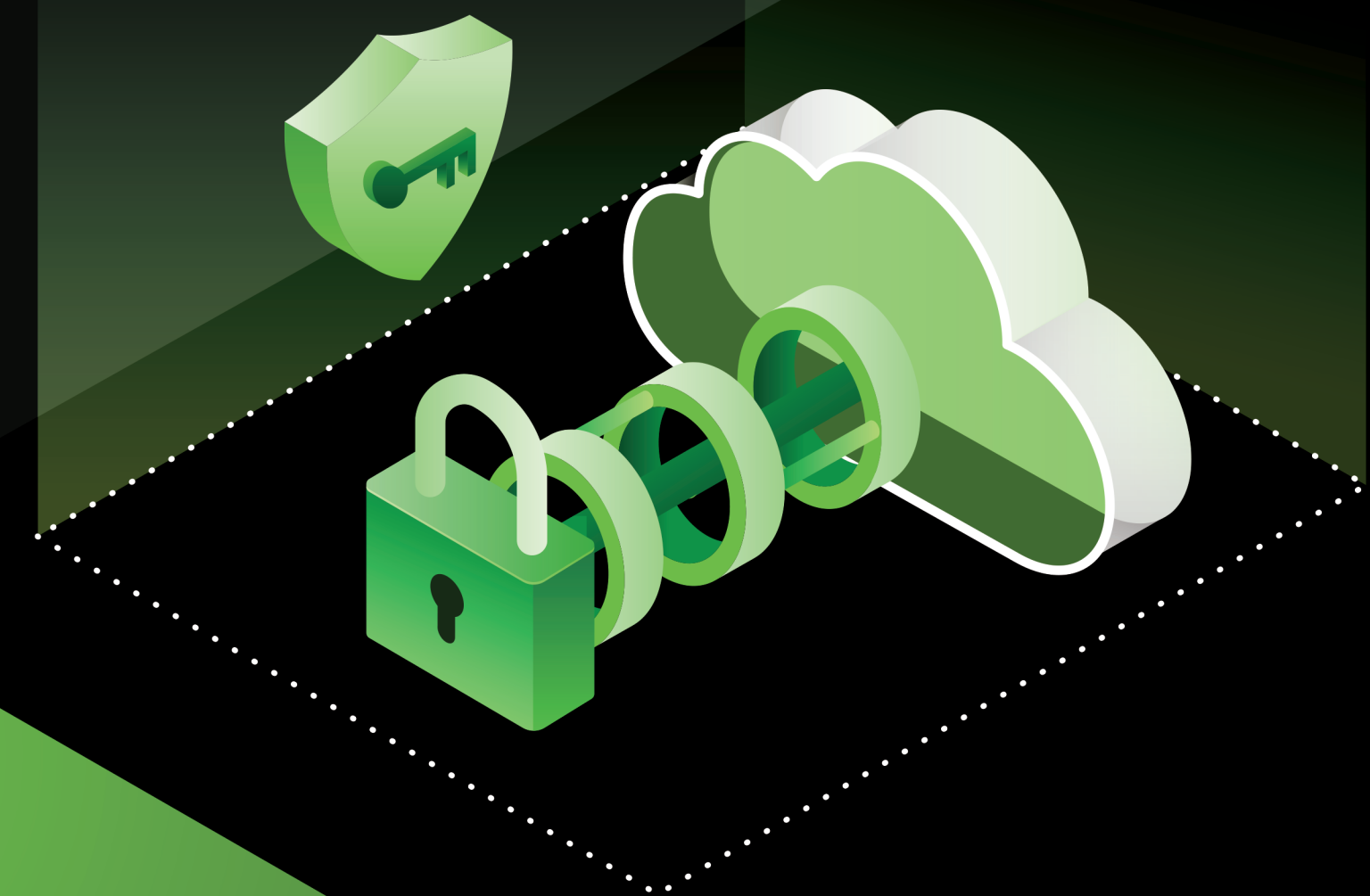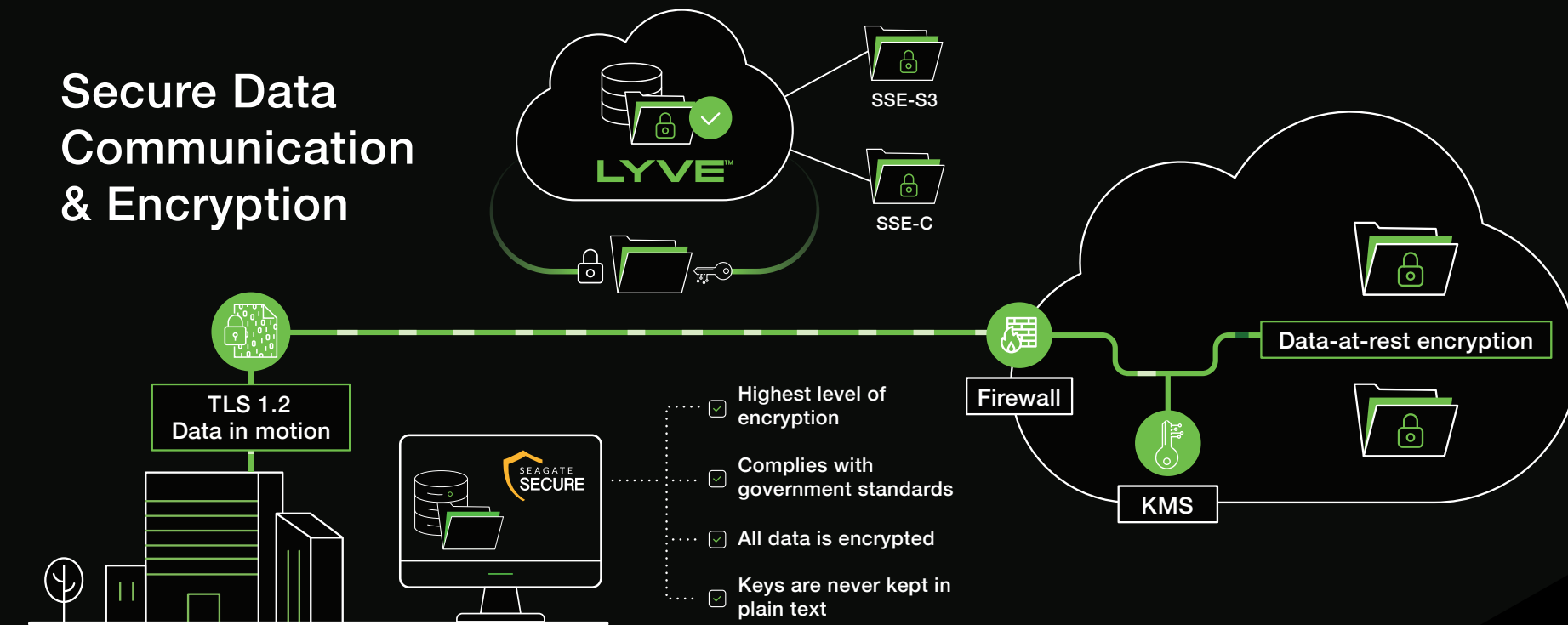
TRANSPORT SECURITY

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.

Secure Data in Transit

Customer · **Lyve Cloud**

| Authorization Header |
| DATA |

TLS 1.2
AES-256-GCM

Validates:
→ **Authentication**
→ **Authorization**
→ **Data Integrity**

DATA ENCRYPTION

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.

Secure Data Communication & Encryption

LYVE™

SSE-S3

SSE-C

TLS 1.2
Data in motion

SEAGATE SECURE

Highest level of encryption

Complies with government standards

All data is encrypted

Keys are never kept in plain text

Firewall

Data-at-rest encryption

KMS

SECURITY FEATURES

Certifications: End-to-end security assurance of people, process, and technology.	
ISO 27001 Certification	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
SOC 2 Type 2 Certification	
HIPAA	Our enterprise class and secure technology helps ensure the highest level of security that complies with the strictest government standards for your data
Data Durability	More than 11 nines
Multi-Metro Replication	Automatically replicated data between two sites
Data Replication	Active passive between any site and at S3 bucket level
High-Availability Failover	Active-active within the same region
Data Immutability	Object Immutability with specified data retention for compliance and ransomware protection
Data Encryption: All data encrypted at every step of the way, ensuring your data is yours and yours alone.	
Encryption Algorithm	256-bit advanced encryption standard (AES) Galois/Counter Mode (GCM) AKA: AES-256-GCM
Data in Flight and Key Management	End-to-end communication over secure channel using TSL 1.2 (AES-256-GCM)
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

FRICTIONLESS DEPLOYMENT

Seagate Lyve Cloud's S3-compatible interface connects seamlessly with leading tools and applications.

LYVE CLOUD
ADDITIONAL
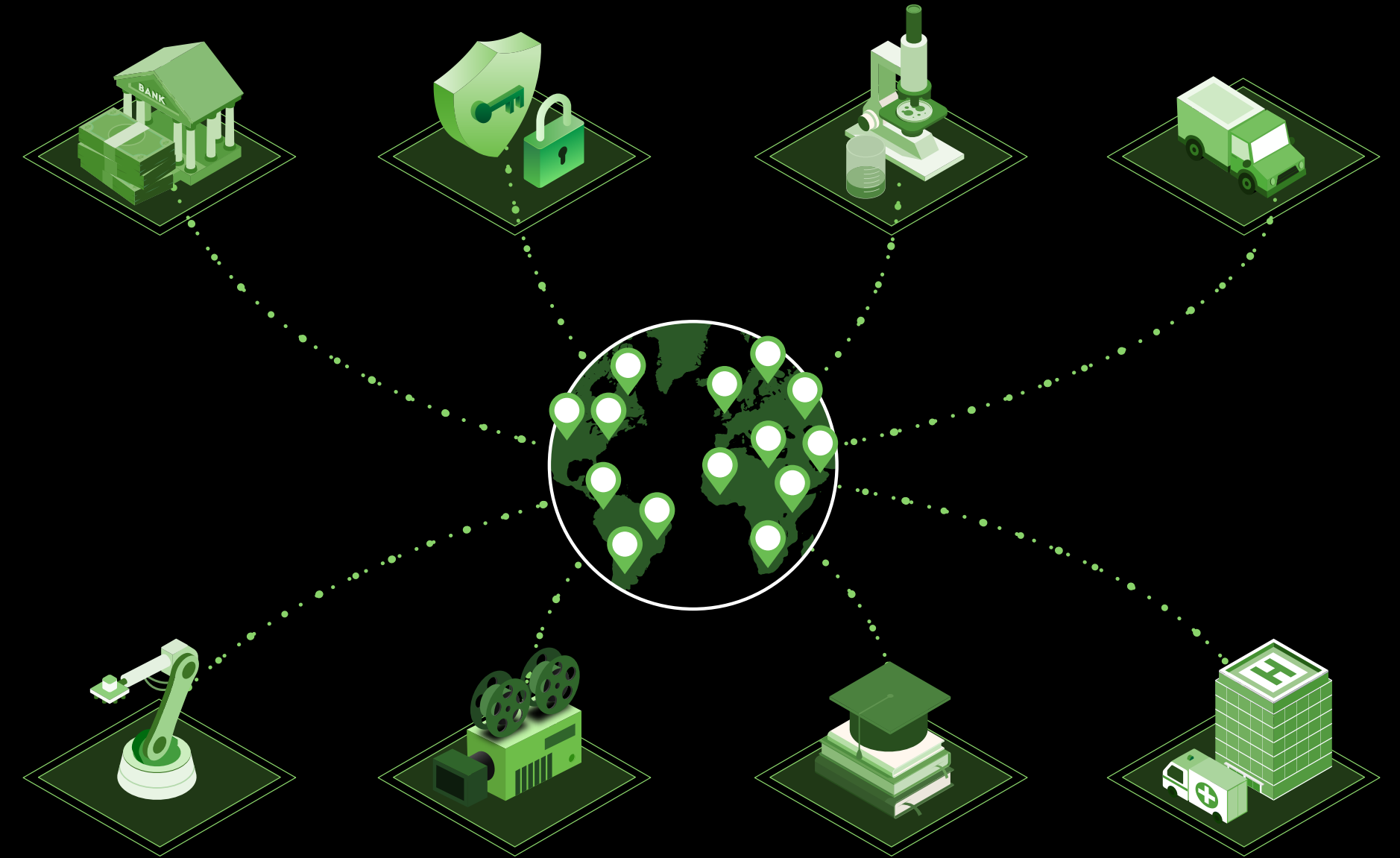# SERVICES

Core

Edge

Endpoint — Data Creation

Lyve Cloud Analytics

ACCELERATE YOUR PATH TO INSIGHTS

Bring more value and less spending to big data analytics with a platform that has it all.

Unlock the full value of your data with Lyve Cloud Analytics. This fully managed, scalable platform for DataOps—including machine learning operations (MLOps)—combines frictionless object storage with flexible compute resources and pre-built analytic accelerators. Scale, add, and migrate workloads with seamless interoperability and harness the freedom of open-data lake architecture with a solution that speeds up analytics while reducing costs.

Lyve Cloud Tape Migration and Storage

MOVE TO THE CLOUD WITH CONFIDENCE

Bring more value and less spending to big data analytics with a platform that has it all.

Store, manage, and activate your legacy data with Seagate Lyve™ Cloud Tape Migration and Storage services. It starts with our team quickly and efficiently moving your data to Lyve Cloud, where it'll live in an infinitely scalable, highly secure S3 bucket. From there, you'll have 24×7 access to its insights, and endless potential for unlocking new revenue streams. No technology upgrades. No system or software costs. All you'll ever pay for is the storage you use.

Lyve Cloud Data Mover

COPY AND MIGRATE FILES

Without delay. And without limitations.

When you need to migrate file-level data to the cloud for backup, data retention, consolidation, or extending storage—Lyve Cloud Data Mover has your back. As a complementary feature of Lyve Cloud S3 object storage, Data Mover lets you quickly copy files from any data type and migrate them back and forth between your on-prem storage and Lyve Cloud. There, you have the freedom to access files when and how you choose thanks to simple, capacity-based pricing and zero egress or API fees.

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.

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.

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 Seagate migrate all your digital and analog media to a highly available storage-only cloud. Consolidating legacy data in a single repository improves security, compliance, and access while making it easier to retrieve information that can help business outcomes.

ANALYZE BIG DATA IN THE CLOUD WITHOUT BIG FEES

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

Put mass data generated by internet of things (IoT) devices, application logs and transaction data to work with your choice of compute for S3 workloads. Reliable, secure, and highly available, Seagate's object storage enables frequent access to large data sets without cost-prohibitive extras. The result: predictable economics for big data analytics, MLOps, data engineering, and AI that complements your existing multicloud strategy.

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. Seagate's 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 and object immutability for ransomware protection.

LYVE™ Mobile

Tape Migration and Storage

LYVE™ Cloud

EXOS™

NYTRO™
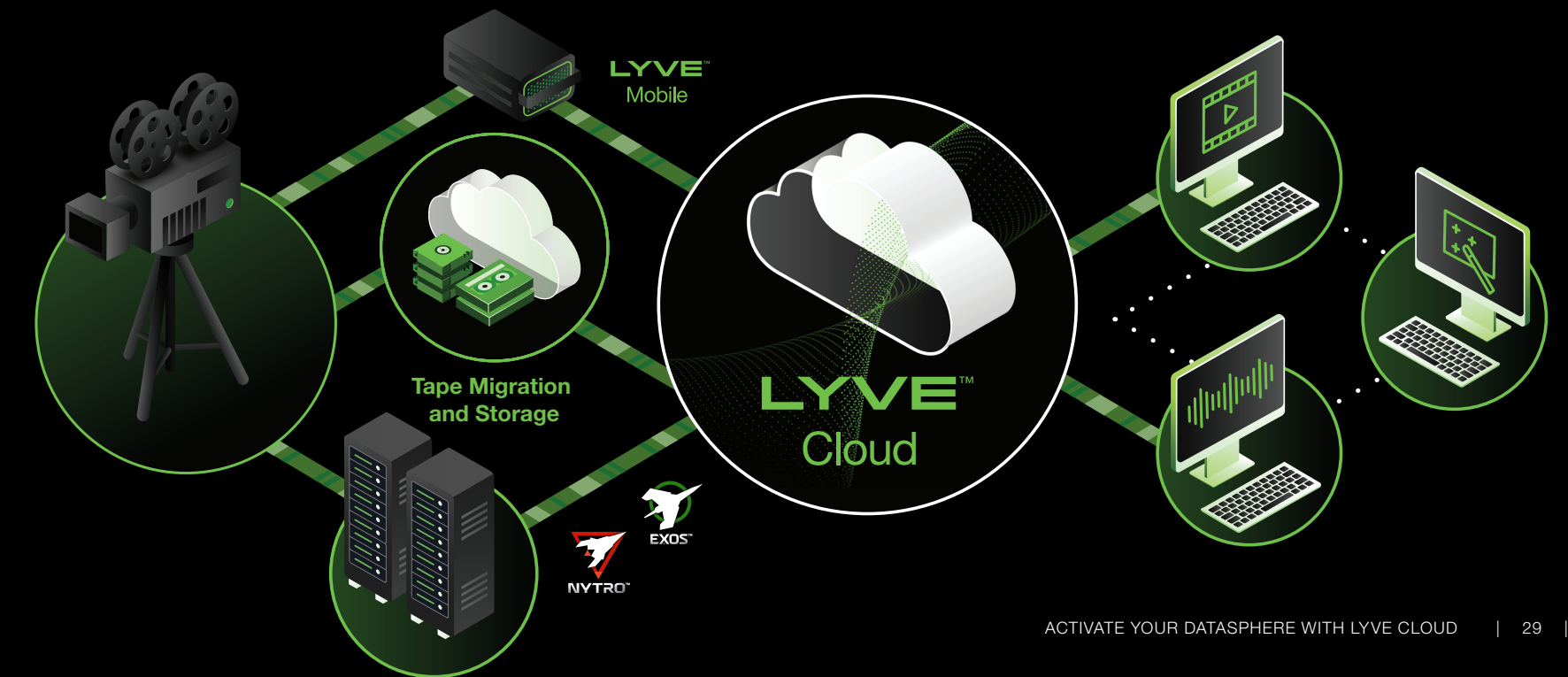
DEPLOY SCALABLE VIDEO MANAGEMENT SYSTEMS AND VIDEO SURVEILLANCE AS A SERVICE SOLUTIONS

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.

LYVE MOBILE

Accelerate edge-to-cloud data flow.

Simplify edge data workflows, securely move data across multiple clouds and destinations, and efficiently tackle large-scale data lift-and-shift projects with Lyve™ Mobile. Designed to alleviate data logistics for teams working in challenging, often remote locations, Lyve Mobile makes it easy to capture, consolidate, and store data by accelerating transfers from any endpoint device to any destination. And it features an economical, predictable monthly fee thanks to subscription-based pricing.

EDGE-TO-CLOUD IMPORT

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

Get loads of data into the cloud without wasting time by using Lyve Mobile services with cloud import. As an add-on feature of the Seagate Project Plan, cloud import helps you take charge of end-to-end data logistics by letting you move data from any endpoint/edge/core location to any major cloud—quickly, simply, and securely—with the assistance of our white-glove support team.

MASS DATA ON THE GO

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 **150 TB** per day.
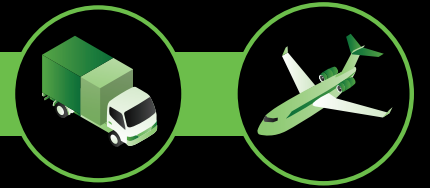
Micro Edge

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.

LYVE™ Mobile

Put AV Data Where It Has the Most Value

Metro Edge

Data can be stored in Lyve Cloud S3 storage for backup and archive.

Reuse data later to meet compliance requirments and extract additional value with data analytics, AI, and ML.

LYVE™ Cloud

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 ML tools with captured data.

Improve AI and safety of future autonumous vehicles.

LYVE™ Cloud

READY TO TALK TO AN EXPERT?

Visit us online at www.seagate.com/lyvecloud

seagate.com

SEAGATE