

EDGE STORAGE & DATA TRANSFER AS A SERVICE



SEAGATE LYVE™

A NEW WAY TO DATA

Today's data is alive
and intelligent—it requires
agility to activate.



Leverage customized
innovation to manage
exponential data growth.



Lyve Mobile Product Line

Our mobile systems are designed to fit your data management workflow.

We've engineered a revolutionary system of modular and scalable solutions to help you store and collect data at the edge and move it around your enterprise, private cloud, or multicloud environment—all in a secure and efficient manner.

Our vendor agnostic Lyve Mobile solutions are available as a service through our Lyve Data Transfer Service. They come in a variety of storage options and configurations that are simple and reliable for emerging edge environments.



The Lyve Mobile Advantage

Our portfolio of data storage solutions enables businesses to store more data so they can maximize its potential. Leverage simple, secure, and efficient high-capacity edge storage and mass data transfer to transform your data from an overhead cost to a strategic asset.

SIMPLE

Get plug-and-play simplicity with our Lyve Mobile devices for your data management workflows. Leverage versatile interfaces for universal connectivity, such as Thunderbolt 3, USB3.2, SAS, Fibre Channel, and iSCSI. These products are easy to understand and intuitive to use—regardless of your level of technical expertise

SECURE

Lyve Mobile assures data integrity with industry-standard verifications such as authenticated firmware and data encryption at rest and in flight. Data is also protected from physical damage with shock, drop, and vibration resistance.

EFFICIENT

Quickly extract and activate the value of your data with faster speeds. Lyve Mobile products give you super fast access to your data without the fear of interruptions or costly delays.

FLEXIBLE

Our predictable as-a-service consumption model allows you to pay only for the Lyve Mobile storage devices you need for however long you need them, use our Data Transfer subscription to order what you need online at lyve.seagate.com and manage your storage projects and device fleet.

LYVE™
Mobile

Pair with Larger Storage Arrays

Surpass traditional edge capacity and performance limitations by using a familiar mobile form factor that's small enough to fit on your desk.



Seamless Data Center Integration

Choose expertly crafted data storage solutions that are engineered to fit each and every data center environment in your enterprise.

Lyve Mobile System

From edge to core to multicloud, our modular and scalable portfolio allows you to customize data management workflows.



LYVE MOBILE ARRAY



LYVE MOBILE SHUTTLE



LYVE MOBILE PCIe ADAPTER



LYVE MOBILE MOUNT AND ARRAY



LYVE MOBILE RACKMOUNT RECEIVER



EDGE

These devices are built for data storage, data aggregation, and mobile data recording at the edge.

**CORE AND CLOUD
DATA CENTER**

Lyve Mobile integrates seamlessly into your data management workflows. Use it to ingest and offload mass data quickly and efficiently into your data center.

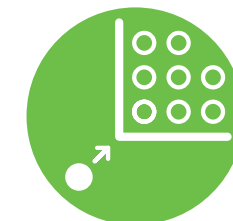
LYVE™ Mobile

BUILT FOR THE **EVER-EXPANDING EDGE**



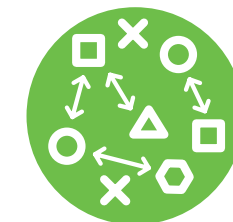
Media and Entertainment

Media and entertainment (M&E) companies consistently generate more data than those of any other industry. There are more than 400 original scripted series in production each year in the United States alone.



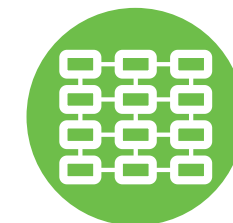
HIGHER RESOLUTIONS

Each series generates roughly 14 terabytes (TB) of digitally recorded content every week, ranging in resolution from 2K to 5K. With 8K on the horizon, a single series could easily generate 100TB per week or more.



NO COHESIVE SOLUTION

Each series uses different hardware and software with conflicting procedures and policies. This results in higher ownership and run costs because of varying contracts, training fees, and more.

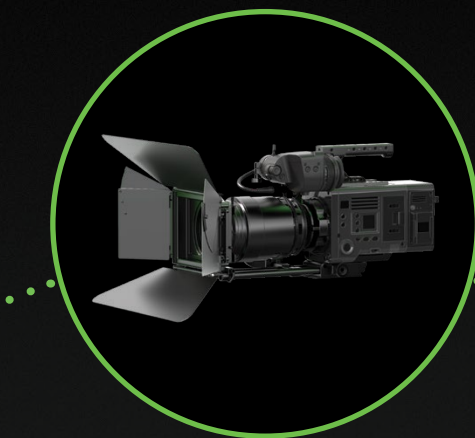


BRING ORDER TO CHAOS

Without a unified data experience, it's impossible to secure all production content and efficiently manage data transport. The potential cost of these inefficiencies and risks can be astronomical.

Media and Entertainment Workflow

Productions can standardize data movement workflows using multiple solutions.



1 Transfer video footage to Lyve Mobile.



2 Manage and monitor data flow between devices—including encryption, metadata upload, and data integrity—with Lyve Mobile Client software.



3 Edit your production on the move.



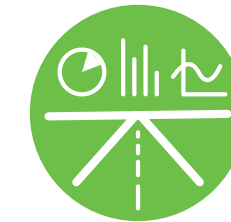
4 Ship Lyve Mobile Array to your data center so data can be quickly uploaded using our Lyve Mobile Rackmount Receiver for final editing and long-term storage.





Autonomous Car Training

Autonomous cars drive millions of miles to establish learning algorithms and virtual simulations.



THE LONG ROAD

Each car must offload its data after each trip, which can create upwards of dozens of terabytes per day.



FLEET DATA MANAGEMENT

Recording data for training autonomous cars is done with numerous cars in a single project.



DIVERSITY OF DATA

Offloads contain multiple video streams, compute and sensor logs, LiDAR, radar and more.

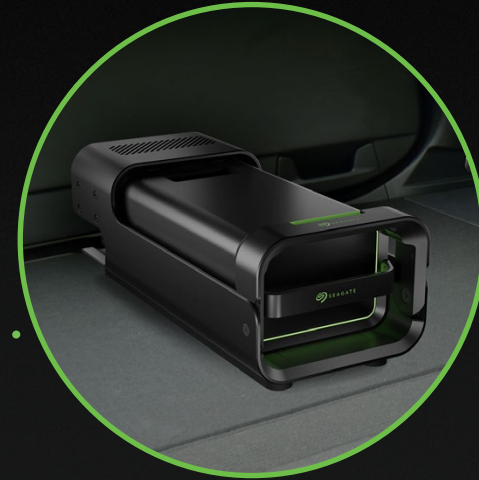


RINSE AND REPEAT

Each car's data storage device is removed and inserted into a rack for recognition, authorization, and transfer to the localized storage before heading out for more data.

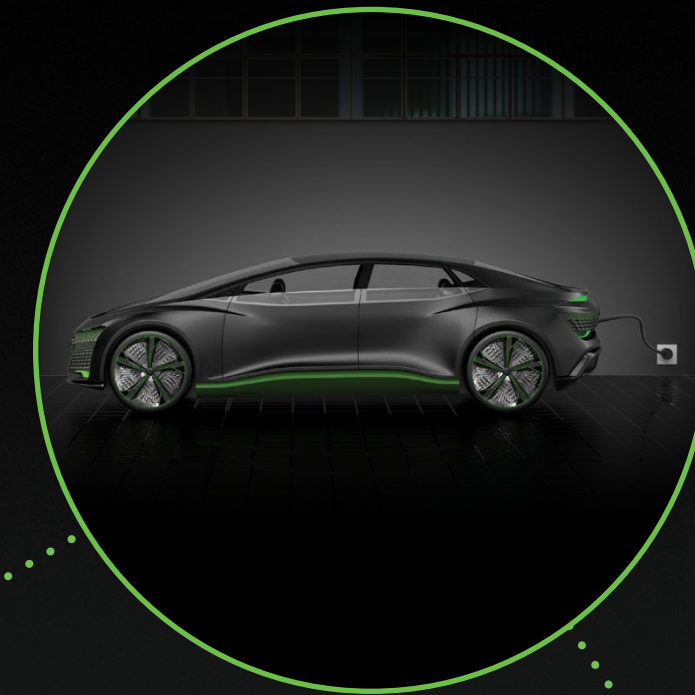
Autonomous Car Training Workflow

During the test phase, all data is saved for ongoing algorithm training.



1 Record data to the Lyve Mobile Array using the Lyve Mobile Mount to secure it to the trunk of the car. The optional available PCIe adapter can be used for an external PCIe port of your recording system or use with USB3.2 or Thunderbolt 3 when available.

2 Capture large quantities of data from cameras, sensors, and LiDAR that are stored on the Lyve Mobile Array.



3 Remove the Lyve Mobile Array from the Lyve Mobile Mount once the vehicle is returned to the garage.



4 House the Lyve Mobile Array in the Lyve Mobile Rackmount Receiver to transfer data, then place the Mobile Array back into the vehicle for continued use.





Field Recording and Data Preservation

Science data is often recorded in the field where there is limited network connectivity that prevents data transfers for analytics. With the high expense of data re-creation, data backup and archive are essential.



FIELD DATA RECORDING

Science and research is often conducted in places where direct data transmissions aren't possible or the recordings are too big to move.



EDGE DATA AGGREGATION

Data is collected from several locations and recording systems.



DATA ANALYTICS

Data is analyzed in private or public clouds and must be efficiently transferred to specialized cloud data centers.



BACKUP & ARCHIVE

Data must be secured, archived for reuse, and made available for central use in private or public cloud networks.

Field Recording, Analytics, and Backup and Archive

During the test phase, all data is saved for ongoing algorithm training.



1 Record data in the field and securely transport it to an edge data center for aggregation and processing with Lyve Mobile Shuttle and Lyve Mobile Array.



2 Ship data to your core data center for big data analytics.



4 Send archive data to S3 cloud data center for long-term preservation, central access, and reuse.

3 Send data center backups to co-location data center to avoid network dependencies and bandwidth limitations that can take months to overcome.

Lyve Mobile System



Lyve Mobile Array

This sealed, high-performance, six-bay array is ruggedized and easy to transport.



Lyve Mobile Shuttle

Autonomous data storage and transport solution with network connectivity and touchscreen technology.



Lyve Mobile PCIe Adapter

Connect your Lyve Mobile Array in a Mobile Mount to an external PCIe port.



Lyve Mobile Mount

Easily affix storage products to a variety of surfaces in the field and at the edge.



Lyve Mobile Array Shipper

Designed for secure, durable transport of cartridges and arrays.



Lyve Mobile Rackmount Receiver

This high-performance mass data ingestion hub will mount two arrays to your data center fabric.



SEAGATE