MOBILE STORAGE SYSTEM BUILT FOR YOUR DATASPHERE

LYVE DRIVE™
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Today's data is alive, intelligent, and requires agility to activate.

Leverage customized innovation to manage exponential data growth.

Lyve Drive Product Line

From high-performance cards to massive mobile arrays, our mobile system is designed to fit any data workflow.

We've engineered a revolutionary system of modular solutions that help you efficiently move data around your enterprise, cloud, and edge.

Our Lyve Drive solutions are available in a variety of storage options and configurations that are simple and reliable for emerging datasphere environments.
Lyve Drive Product Line

Our portfolio of data storage solutions saves and protects a large amount of humanity’s data. This motivates us to continue creating simple, secure, and efficient solutions that drive your datasphere.

SIMPLE
Plug in our solutions and they will work in your environment. Our interfaces are easy to understand and use, regardless of your technical expertise.

SECURE
Use industry-standard verifications to confirm data integrity. Our authenticated firmware and at-rest encryption provide assurance without compromise.

EFFICIENT
Quickly extract and activate the value of your data with faster speeds. Our products give you super fast access to your data without the fear of interruptions or costly delays.
Begin With Endpoints
Connect all endpoints and ingest their data into your datasphere with a wide range of endpoint storage, software, and connectivity options.

Mobile Meets Modular
Leverage the power of mobility and modularity by using products that are designed to fit into all of the various locations of your datasphere.
Pair With Larger Storage Arrays

Surpass traditional edge capacity and performance limitations by using a familiar mobile form factor that is 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 Drive Mobile System

From edge to core, our modular portfolio allows you to customize any data workflow by utilizing individual components.
NO COHESIVE SOLUTION
Each series uses different hardware and software with conflicting procedures and policies. This results in higher ownership and run costs due to varying contracts, training fees, and the like.

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 is astronomical.

Media and Entertainment
The media and entertainment (M&E) industry consistently generates more data than any other, with more than 500 original scripted series in production each year in the United States alone.

HIGHER RESOLUTIONS
Each series generates roughly 14TB of digitally recorded content every week, ranging in resolution from 2K to 5K. With 8K on the horizon, a single series could generate 100TB/week.

Media and Entertainment
The media and entertainment (M&E) industry consistently generates more data than any other, with more than 500 original scripted series in production each year in the United States alone.
1. Most M&E productions start with removable storage.

2. Lyve Drive Toolkit software manages and monitors data flow between devices, including encryption, uploading metadata, and data integrity.

3. Lyve Drive Card Readers ingest data from the camera cards.

4. Using a Lyve Drive Modular Array enables you to incorporate ingestion slots and backup storage into a single device.

5. Lyve Drive Modular Array has its Lyve Drive Cartridges removed and sent off-site while data copied onto Lyve Drive Mobile Array (which stays on set) is used for basic edits and corrections.

6. Lyve Drive Mobile Array is shipped to your data center where it is quickly uploaded to the studio’s datasphere with our Lyve Drive Rackmount Receiver for final editing and long-term storage.

Media and Entertainment Workflow

Productions can standardize data movement workflows using multiple solutions.
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 creates extremely large amounts of data.

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.
1. Lyve Drive Cartridge is placed into our Lyve Drive Array Mount.

2. Our mount is secured within the trunk of the autonomous vehicle and connected to its processing core with a Lyve Drive Thunderbolt™ 3 Connector.

3. Large quantities of data from a variety of cameras, sensors, and LiDAR are stored on our cartridge.

4. Once the vehicle returns to the garage, our cartridge is removed from our mount.

5. Our cartridge is inserted into Lyve Drive Modular Array.

6. Lyve Drive Modular Array is housed in Lyve Drive Rackmount Receiver, data is transferred, and our cartridge is placed back into the vehicle for reuse.

Autonomous Car Training Workflow

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