



# Data-Transfer-as-a-Service

## INTEGRATION WITH AMAZON S3

SEAGATE TECHNOLOGY

# What is Data-Transfer-as-a-Service with cloud import?

Lyve™ Mobile from Seagate® is a high-capacity edge storage solution that enables businesses to aggregate, store, and move their data. Scalable and modular this integrated solution eliminates network dependencies so you can transfer mass data sets in a fast, secure, and efficient manner. Seagate also provides import services from the Lyve Mobile solution directly to your AWS S3 cloud.

With an on-demand model delivered as a service, you order and pay only for the devices you need, when you need them. The device is configured to your specifications and delivered to you in 1-2 business days. Once you are finished transferring data to the device, simply ship it back to us using the label provided and we will upload it to the cloud destination of your choice. Adapt to changing project needs by adjusting your project at any time by adding devices or changing your service plan.

## What is the Lyve Mobile Array?

Lyve™ Mobile Array is a portable hardware device that efficiently moves data from end points to the edge or to the cloud. The solution comes with several interface options and can securely mount inside a data center environment with our rackmount receiver. The Lyve Mobile Array is available in 4 capacities: 46TB SSD, 60TB HDD, 92TB SSD, and 96TB HDD. RAID options include RAID 0 and RAID 5 (default).

Accessories that can be ordered along with the mobile array include additional mounts and connectivity options.

For more information on the Lyve Mobile Array the following resources are available.

[Watch Video](#)

## What use cases are ideal for Lyve Mobile Array and Data Transfer-as-a-Service?

Lyve Mobile data transfer-as-a-service is best suited for time to data applications that require data to be physically moved and rapidly ingested. This high-performance enterprise solution is ideal as an end point and edge device where larger data sets are captured as well as consolidated.

### Solution Ideal For:

- Large end point and edge data sets with minimal or no network connectivity
- Lift and shift data migrations or data center consolidation
- Consolidation of data from numerous devices or locations
- Rapid data ingest to new cloud or on prem storage solution
- Rotational physical backups for redundancy or DR

### Some Industry Examples:

*Media and Entertainment:* Use on set to capture and consolidate production footage and efficiently transfer the data into a post-production location or environment

*Autonomous Applications:* Use in vehicle or in the field to consolidate data where data sets exceed network capabilities.

*Geoscience / Energy:* For data collection in the field where time to data matters. Securely consolidate and ingest data for processing or distribution.

## Lyve Mobile Array System Requirements and Specifications

System Requirements	What's Included
<ul style="list-style-type: none"><li>• Windows® 10 or higher</li><li>• Mac® 10.15 or higher</li><li>• Ubuntu 20.04 and RedHat 8</li><li>• Lyve Client Software for Windows/OSx/Linux</li></ul>	<ul style="list-style-type: none"><li>• Seagate® Lyve™ Mobile Array</li><li>• Lyve Mobile Array Shipper</li><li>• Quick start guide</li><li>• Thunderbolt™ 3 active cable (1.5m)</li><li>• 20V power adapter for UK, EU/KR, USA/JP, AUS/NZ</li><li>• USB3.1 gen2 cables (1m type C/C and 1m type C/A) <sup>1</sup></li></ul>

All product specifications are available on our datasheet

[Download Datasheet](#)

### Lyve Mobile Ordering & Set-Up Requirements:

Setting up an account and ordering takes less than 5 minutes. Once the initial account is set up creating repeat projects can be done within a few simple clicks. The hardware was designed to be intuitive and simple to use. When using the hardware in a USB mode, it is as easy as attaching an external USB drive to computer, inserting the power supply and turning it on. Our easy deployment method ensures that the device can be used across all experience levels without the complex overhead of installing typical enterprise solutions.

### Create Lyve Management Portal Account

To order the Lyve Mobile Array, a Lyve Management Portal account needs to be created. This account allows you to order, provision, and execute your projects while controlling who can access and use the devices. Once the account set-up is completed, you can order and deploy the Lyve Mobile solutions

### Download Lyve Client Software

Authorize host computers

An internet connection is required when authorizing a host computer.

1. Open Lyve Client on a computer intended to host Lyve Mobile Array.
2. When prompted, enter your Lyve Management Portal username and password.

Lyve Client authorizes the host computer to unlock and access Lyve devices and manage projects on the Lyve Management Portal. The host computer remains authorized for up to 30 days, during which you can unlock and access connected devices even without an internet connection. After 30 days, you'll need to open Lyve Client on the computer and re-enter your credentials.

Lyve Mobile Array locks when powered off, ejected or unplugged from the host computer, or if the host computer goes to sleep. Use Lyve Client to unlock Lyve Mobile Array when it is reconnected to the host or the host has awakened from sleep. Note that Lyve Client must be open and the user must be signed in to use Lyve Mobile Array.




## Lyve Mobile Device Security

Seagate Secure™ offers industry-standard AES 256-bit hardware encryption at rest and in motion. Lyve Mobile assures data integrity with TCG industry-standard verifications such as authenticated firmware and data encryption at rest and in flight. The device includes tamper evidence labels along with a military grade lockable shipping case. To ensure proper data destruction, the device can be securely crypto erased, and a certified data destruction certificate is provided within the Lyve Management Portal.

## Identity and Access Management (IAM)

The Lyve Management Portal also provides an easy-to-use user management system that allows you to select roles to determine user access to your projects and devices. You are in full control of your data and those who access the account or the device. Currently there are 4 categories of users:

### User Role

Master Account Admin	Sub User	Product End User Admin	Product End User
The account owner is responsible for billing and payments, creating and managing projects and subscription types, while also being responsible for adhering to the site and product terms and conditions.	Manages individual projects under the Master account, responsible for monitoring usage, billing by project, product user requests.	Designated IT Admin by the Master Account, responsible for product permissions, usage of product, security admin, and in-field user workflows.	Primary in-field user for data transit workflows, with the ability to add additional Product End Users to projects.
			

### Master Account Admin Role

By default the user who creates the account holds the Master Account Admin role. There is only one Master Account Admin. They can add, edit, remove and view billing, payment/invoices, projects and subscription types. They also hold the responsibility of adhering to the terms and conditions to ensure the product is properly returned to Seagate at the end of the project. The only permissions that this user doesn't hold is to unlock and lock the storage device.

### Sub User Role

Similar to the Master Account Admin, the Sub User can add, remove, edit and view projects, subscription types, payments/ invoices, sub-users and product users; while not holding the permissions to unlock and lock the storage device. For solution providers, the sub user role is typically applied account managers in their organizations.

### Product End User Admin

Product users have the permission to lock and unlock the device in the field to manage the data. This user can add other product users but cannot add sub users. Product users do not have access to any billing/payments or pricing information and are not able to create or remove projects.

### Product End User

This role holds the same permissions as the product end user admin with the exception of being able to add other users.

	Master Account User	Sub User	Product User
Create account	X		
Create projects	X	X	
Billing setup	X		

Modify payment	X	X	
Assign sub-users	X	X	
Request returns	X	X	X
Request service support	X	X	X
Create product users	X	X	X

Users and their permissions can be modified or deleted at any time. Refer to the Lyve Customer Portal user guide here:

### Lyve Mobile Connection Options

There are three primary options to connect Lyve Mobile to your host environment.

- Direct-Attached Storage (DAS) Connections
- PCIe Adapter
- With Rackmount Receiver options for Fiber Channel, iSCSI or SAS

### Direct-Attached Storage (DAS) Connections

**Connect power:** Connect the included power supply in the following order:

1. Connect the power supply to Lyve Mobile Array's power input.
2. Connect the power cord to the power supply.
3. Connect the power cord to a live power outlet.



Use only the power supply provided with your device. Power supplies from other Seagate and third-party devices can damage Lyve Mobile Array.

### Connect to host computer

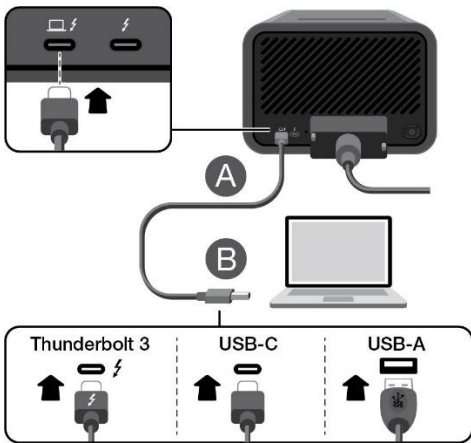
Lyve Mobile Array is shipped with three types of cables to connect to host computers. Review the following table for cable and host port options.

Cables	Host port
--------	-----------

Thunderbolt 3	Thunderbolt 3, Thunderbolt 4
USB-C to USB-C	USB 3.1 Gen 1 or higher
USB-C to USB-A	USB 3.0 or higher

Connect Lyve Mobile Array to a computer in the following order:

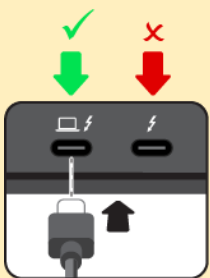
- Connect the Thunderbolt 3 cable to Lyve Mobile Array's Thunderbolt 3 host port located on the left side of the back panel.
- Connect the other end to an appropriate port on the host computer.



#### Windows Prompt: Approve Thunderbolt Device

When you first connect Lyve Mobile Array to a Windows PC that supports Thunderbolt 3, you may see a prompt requesting to authenticate the recently connected device. Follow the onscreen prompts to approve the Thunderbolt connection to Lyve Mobile Array. For more details on Thunderbolt connectivity to your Windows PC, see the following [knowledge base article](#).

If you are using a USB host and the Lyve Mobile Array status LED is illuminated red, make sure the cable is connected to Lyve Mobile Array's Thunderbolt 3/USB-C host port. **The host port is the USB-C port with the computer icon.** A red status LED indicates that the computer is connected to the peripheral port.



## Unlock the device

The LED on the device blinks white during the boot process and turns solid orange. The solid orange LED color indicates the device is ready to be unlocked.



Make sure the Lyve Client app is running on the host computer. The host computer will automatically unlock the device if it connected to it in the past and is still authorized for security. If the host computer has never unlocked the device, you will need to enter your Lyve Management Portal username and password in the Lyve Client app. See [Setup Requirements](#). Once Lyve Client has validated permissions for the device connected to the computer, the LED on the device turns solid green. The device is unlocked and ready for use.

## Power button

**Power on**—A direct connection to a computer is not required to power on Lyve Mobile Array. It automatically powers on when connected to a power outlet.

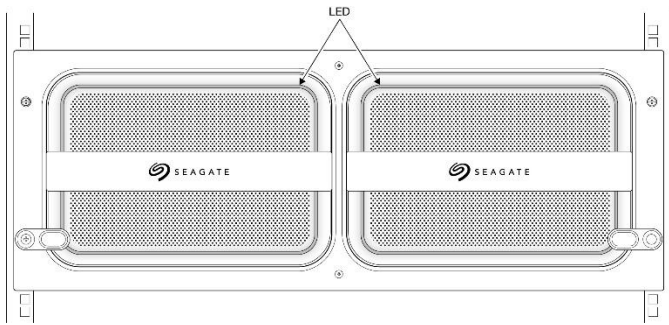
**Power off**—Before powering off Lyve Mobile Array, make certain to safely eject its volumes from the host computer. Apply a long press (3 seconds) to the power button to turn off Lyve Mobile Array.



If Lyve Mobile Array is off but still connected to power, you can turn Lyve Mobile Array back on by applying a short press (1 second) to the power button.

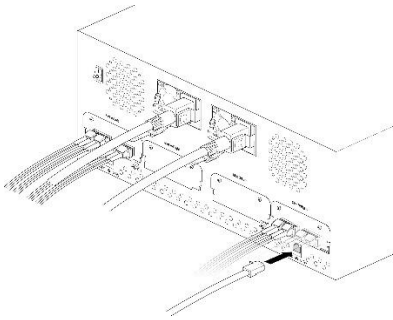
## Rackmount Receiver

For details on configuring Seagate Lyve Rackmount Receiver for use with Lyve Mobile Array and other compatible devices, see the Lyve Rackmount Receiver user manual.



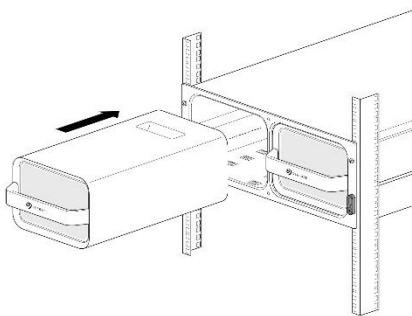
## Connect Ethernet port

Lyve Client communicates with devices inserted in Lyve Rackmount Receiver via the Ethernet management ports. Ensure that the Ethernet management ports are connected to the same network as the host devices running Lyve Client. If no device is inserted in a slot, there's no need to connect its corresponding Ethernet management port to the network.



## Connect Lyve Mobile Array

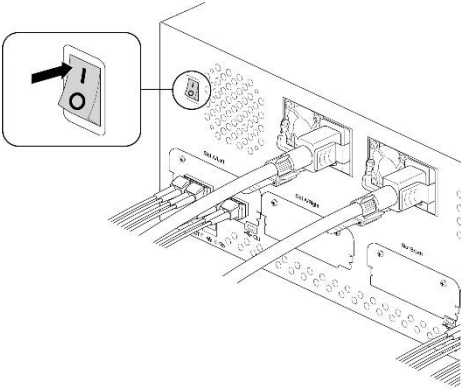
Insert Lyve Mobile Array into slot A or B on Rackmount Receiver.



Slide device in until it's fully inserted and firmly connected to Rackmount Receiver's data and power.

Close latches and turn on power

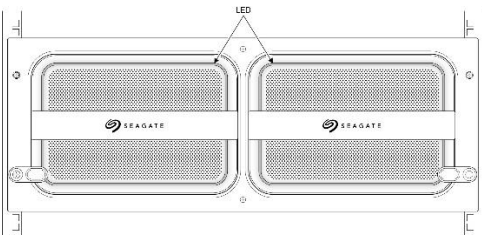




Set the power switch on Lyve Mobile Rackmount Receiver to ON.

Unlock the device

The LED on the device blinks white during the boot process and turns solid orange. The solid orange LED color indicates the device is ready to be unlocked.



Make sure the Lyve Client app is running on the host computer. The host computer will automatically unlock the device if it connected to it in the past and is still authorized for security. If the host computer has never unlocked the device, you will need to enter your Lyve Management Portal username and password in the Lyve Client app. See [Setup Requirements](#).

Once Lyve Client has validated permissions for the device connected to the computer, the LED on the device turns solid green. The device is unlocked and ready for use.

## PCIe Connection

PCIe adapter enables a PCIe interface in conjunction with our Lyve Mobile Mount. For detailed instructions, please see the [PCIe installation manual](#).

## Lyve Mobile Device Security

Seagate Secure™ offers industry-standard AES 256-bit hardware encryption at rest and in motion. Lyve Mobile assures data integrity with TCG industry-standard verifications such as authenticated firmware and data encryption at rest and in flight. The device includes tamper evidence labels along with a military grade lockable shipping case. To ensure proper data destruction, the device can be securely crypto erased, and a certified data destruction certificate is provided within the Lyve Management Portal.

## Seagate Virtual Assistant

Seagate Virtual Assistant is accessible through Lyve Management Portal to support the customers for any questions regarding Lyve Mobile. *NOTE: Seagate Virtual Assistant is only available during region's business hours of 8:00 AM-5:00 PM US Central Time and 8:00 AM-5:00 PM Central European Time.* For after hours support, please contact your client success representative. Support is free of charge.

## Creating a Cloud Upload Plan

Creating a project in your Lyve Management Portal account is the first step of creating a Data Transfer with cloud upload project. From there you configure an upload plan with all your cloud details and ship the device back to us to upload your data according to your plan. Although not required, we recommend that you review Key Concepts before you start so that you are familiar with the core features and terminology.

Overview:

1	Create your Data Transfer as a Service with cloud upload service project
2	Choose your Lyve Mobile Array devices and accessories
3	Select your Cloud Destination
4	Complete your Upload Plan details tied to your project
5	Move Data onto Lyve Mobile Array devices
6	Request return to Seagate's upload processing location
7	Download and print your return shipping label
8	Drop-off your Lyve Mobile arrays to your nearest UPS Store
9	Seagate upload processing location receives your device and begins upload plan
10	You receive confirmation once the upload is complete
11	You validate the data was successfully loaded, then end the project and plan

## Creating a Project

1. The first step starting any Data Transfer begins under the Projects tab using **Add Project**
2. Select the Service Plan option **Data Transfer as a Service**:
3. Select a rate plan of monthly, semi-annual, or annual. Discounts apply for longer term projects

**Select Service Plan**

- Data Transfer as a Service**  
Capture mass capacity data anywhere and everywhere. Simply, securely, efficiently.
- Systems Leasing**  
Flexible leasing of hyper-efficient mass capacity storage.

**Select Rate Plan**

- Annual Plan**  
Our most comprehensive plan. Unlock additional discounts and plan benefits with a 12-month commitment to the Lyve Mobile service.
- Project Plan**  
Our most flexible plan for short term projects and evaluations. Billed monthly and prorated daily (with a 10-day minimum term).

Data Transfer Service Benefits	Annual Plan	Project Plan
Device Provisioning and Deployment	✓	✓
Multi-User Management HMS	✓	✓
Device Advanced Replacement	✓	✓
Seagate Virtual Assistant Chat	✓	✓
Asset Return Management	✓	✓
In-Term Device Reconditioning and Upgrades	✓	
In-Term Power-Up and Down Device Quantities	✓	
In-Term Hardware Upgrades	✓	

**Lyve Data Transfer as a Service**

Effortless data movement and flexibility with Lyve Data Transfer as a Service, offering modular and scalable plans to fit your needs.

With options up to 96TB in HDD or full-flash arrays, our Lyve Mobile shuttle devices let you create a highly efficient and secure ecosystem to store, copy, move and manage your data. Learn more about our Data Transfer as a Service and Lyve Mobile devices [here](#).

- ✓ Move large data sets with plug-in-play simplicity
- ✓ Accelerate time-to-value data movement
- ✓ Scalable modular device options
- ✓ Device provisioning and multi-user management
- ✓ Device Advanced Replacement Services
- ✓ Lyve Virtual Assistant

**Data Transfer as a service**

SEAGATE

\*Seagate Virtual Assistant is only available during region's business hours of 8:00 AM-5:00 PM / 10:00 AM-5:00 PM Central Time and 8:00 AM-5:00 PM Central European Time.

## Choose a Device(s)

1. You can filter devices based on **HDD, SSD or both**.
2. Enter the **device quantities** for the Lyve Mobile device(s) include needed accessories for additional connection options or for mounting inside of rugged environments
3. Configure the **RAID** level for your Lyve Mobile Array(s):

Progress: Service Plan (1) ✓, Products (2) ✓, Product Configuration (3) ●, Shipping Details (4), Upload Service Configuration (5), Project Review (6)

### Select Configuration

Please select the RAID level for the Lyve Mobile Array. Configuration settings only apply to Lyve Mobile Array products. Any Lyve Mobile accessories or shuttles are not configurable.

Device	RAID Level
Lyve Mobile Array (96 TB HDD) <span>600 px</span>	RAID 0 <span>300 px</span> ▼
Lyve Mobile Array (96 TB HDD)	Please Select ▼
Lyve Mobile Array (46 TB HDD)	Please Select ▼

[Continue](#) [Cancel](#)

### Order preview

Devices:

- Lyve Mobile Array (96TB HDD)  
\$1,440.00  
Qty: 2 [Remove](#)
- Lyve Mobile Array (46TB HDD)  
\$1,440.00  
Qty: 1 [Remove](#)

Total Storage 158TB  
Order Total\*: \$ 4,320.00  
\*A one-time upload service charge will be added to each storage device at checkout.

[Continue](#)

4. Provide the **Project details** and **Shipping Information** for the Lyve Mobile device(s):

Progress: Service Plan (1) ✓, Products (2) ✓, Product Configuration (3) ✓, Shipping Details (4) ●, Upload Service Configuration (5), Project Review (6)

### Project Details

Name your project and provide context regarding the timing and project use so that you and other users can easily recognize projects.

Project Name:  0/30

Project Description:  Optional

Project Start Date:

### Shipping Information

Please provide the shipping information for your project's devices. Shipping is only available in your region. Please [request assistance](#) for shipping orders outside of your region.

Search by Company or Contact Name  [+ Add New Shipping Contact and Address](#)

Name	Address
Please add a shipping address.	

[Continue](#) [Cancel](#)

### Order preview

Devices:

- Lyve Mobile Array (96TB HDD)  
\$1,440.00  
Qty: 2 [Remove](#)
- Lyve Mobile Array (46TB HDD)  
\$1,440.00  
Qty: 1 [Remove](#)

Total Storage 158TB  
Order Total\*: \$ 4,320.00  
\*A one-time upload service charge will be added to each storage device at checkout.

[Continue](#)

## Create the Import Destination

1. Create your Upload Destination by selecting **Amazon S3** from the Cloud Destination drop down and the **Region** your AWS bucket resides in:

Service Plan Products Product Configuration Shipping Details **Upload Service Configuration** Project Review

### Upload Destination

Name your upload destination and provide an optional description for context.

Upload Destination Name Upload Destination Description (Optional)

### Cloud Destination

Select the cloud destination from the cloud service providers below, followed by the region:

Cloud Destination Region

- Amazon S3
- Google Cloud Storage
- Microsoft Azure Blob Storage
- Seagate Lyve Cloud

### Order preview

Devices:

- Lyve Mobile Array (96TB HDD) \$1,440.00 Qty: 2 Remove
- Lyve Mobile Array (46TB HDD) \$1,440.00 Qty: 1 Remove

Total Storage 158TB  
Order Total\*: \$ 4,320.00  
\*A one-time upload service charge will be added to each storage device at checkout.

Continue

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2. If you already have cloud destination but would like to create another “Upload Destination”:

Service Plan Products Product Configuration Shipping Details **Upload Service Configuration** Project Review

### Upload Destination

Select an upload destination for your project and ensure that the information provided is accurate. Once a project has been submitted, the upload destination details can't be changed.

Search by Upload Destination Name Cloud Destination + Add Upload Destination

Name	Cloud Destination	Region	Description
Upload Destination 2	LYVE Cloud Seagate Lyve Cloud	US-East-2	-

Continue Cancel

### Order preview

Devices:

- Lyve Mobile Array (96TB HDD) \$1,440.00 Qty: 2 Remove
- Lyve Mobile Array (46TB HDD) \$1,440.00 Qty: 1 Remove

Total Storage 158TB  
Order Total\*: \$ 4,320.00  
\*A one-time upload service charge will be added to each storage device at checkout.

Continue

3. **Review** your Project details and **Submit** Order:



## Review Your Project

**Service Plan** [Edit Rate Plan](#)

Annual  
Our most Comprehensive plan. Unlock additional discounts and plan benefits with a 12-month commitment to the Lyve Mobile service.

Service Type  
DTaaS

**Project Details** [Edit Project Details](#)

Project Name  
DataTsrQ1FY23

Project Description  
-

Projected Start Date  
08/07/2022

Projected End Date  
08/21/2022

**Shipping Details** [Edit Shipping Details](#)

Shipping Contact

Shipping Address  
PPL  
United States

**Devices** [Edit Products](#)

**Lyve Mobile Shuttle (16TB HDD)**

Total Capacity: 16

Qty: 1

**Terms and Conditions**

I have read and agreed to the following terms:  
[Lyve Data Transfer Service Terms](#)

By submitting you acknowledge that you have also read and accept the following:  
[Customer & Lyve Management Portal Agreement](#)

[Submit Order](#)

**Order Summary**

[Submit Order](#)

[View Quote](#)

**Devices**

<b>Lyve Mobile Shuttle (16TB HDD)</b>	<b>Qty. 1</b>
Recurring Charges >	\$233.28
One-Time Charges >	Free

---

**Promo Code**

[Apply](#)

Total before Tax	\$240.00
Total Discount	-\$19.92
Total Tax	\$13.20
<b>Order Total</b>	<b>\$233.28</b>

### Pricing Details:

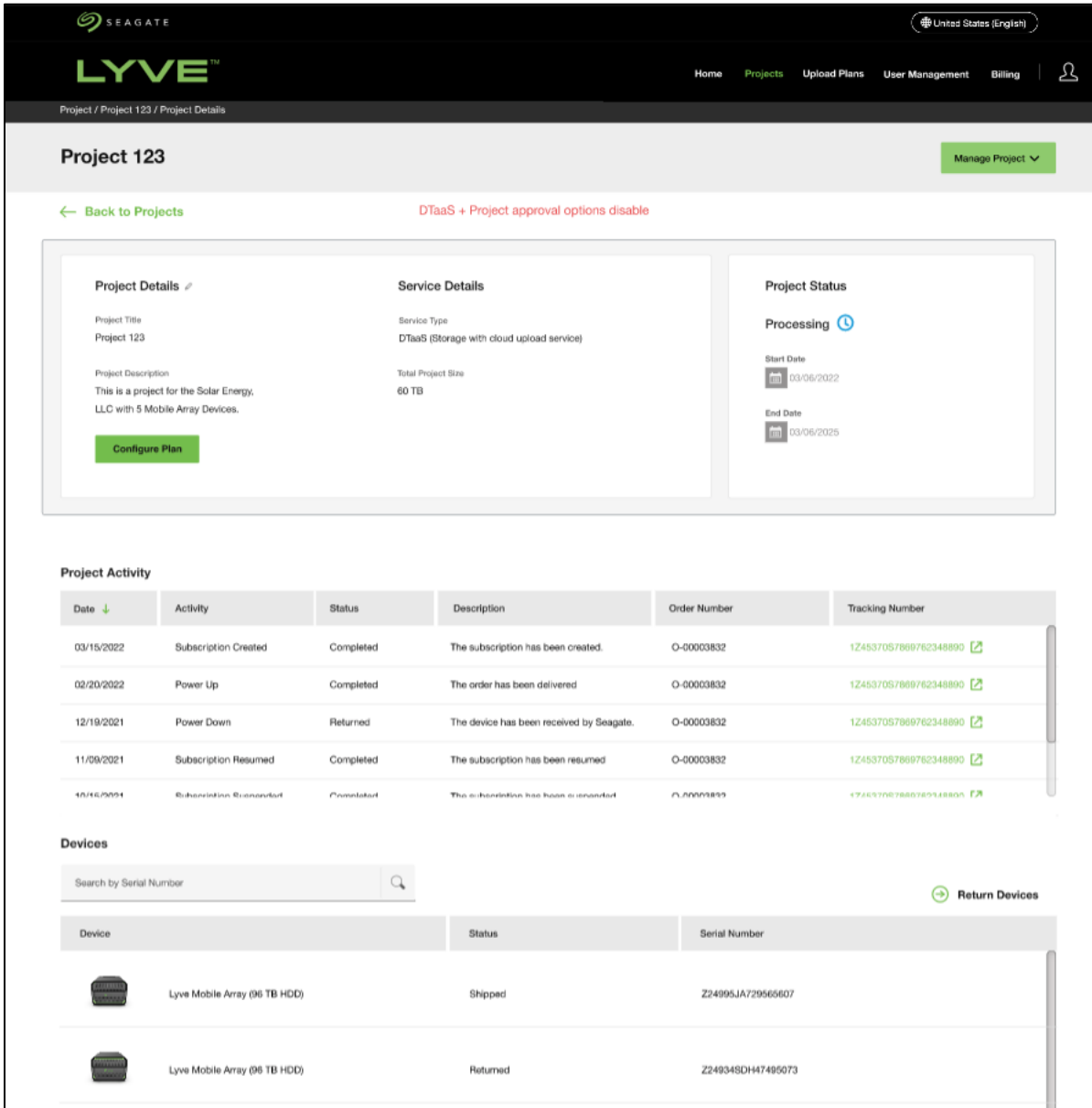
With a transparent pricing model, you know all of your charges prior to completing your project including shipping and tax.

## Complete your upload plan details

You have created and submitted a new project subscription. The device(s) are now awaiting fulfillment and will arrive soon. Now you must complete your upload plan details by adding your credentials as well as the bucket you would like to have your data uploaded to.

There is a couple of ways to start creating your Upload Plan:

### 1. From Project Details:



The screenshot displays the 'Project 123' details page in the LYVE interface. The page is divided into several sections:

- Project Details:** Includes the project title 'Project 123' and a description: 'This is a project for the Solar Energy, LLC with 5 Mobile Array Devices.' A 'Configure Plan' button is visible.
- Service Details:** Shows the service type as 'DTaaS (Storage with cloud upload service)' and the total project size as '60 TB'.
- Project Status:** The status is 'Processing'. It also shows the start date as '03/06/2022' and the end date as '03/06/2025'.
- Project Activity:** A table listing various activities such as 'Subscription Created', 'Power Up', 'Power Down', 'Subscription Resumed', and 'Subscription Cancelled' with their respective dates, statuses, descriptions, order numbers, and tracking numbers.
- Devices:** A section for managing devices with a search bar and a 'Return Devices' button. It lists two 'Lyve Mobile Array (96 TB HDD)' devices with their serial numbers and current statuses (Shipped and Returned).

## 2. Taking a closer look at your Upload Plans dashboard:

The dashboard displays the following elements:

- Header: SEAGATE logo, United States (English) dropdown, and navigation links (Home, Projects, Upload Plans, User Management, Billing).
- Section: **Your Upload Plans**
- Filters: Search by Project Name (with magnifying glass icon) and Cloud Destination (dropdown menu).
- Table Headers: Project, Devices, Cloud Destination, Actions.
- Indicator: 290 PX (in red text).

Product Name	Serial Number	Status	Tracking Number	Actions
Lyve Shuttle Array (80 TB HDD)	NB234895J	Draft ⓘ	---	
Lyve Shuttle Array (80 TB HDD)	NB234895J	Plan Accepted ⓘ	---	
Lyve Shuttle Array (80 TB HDD)	NB234895J	Ready to Return ⓘ	---	Send for Upload
Lyve Shuttle Array (80 TB HDD)	NB234895J	Cloud Validation ⓘ	---	Print Shipping Label
Lyve Shuttle Array (80 TB HDD)	NB234895J	Validation Failed ⓘ	---	Edit Orderline
Lyve Shuttle Array (80 TB HDD)	NB234895J	Waiting for Package ⓘ	12W03705780570234895J 📦	Print Shipping Label
Lyve Shuttle Array (80 TB HDD)	NB234895J	In Transit ⓘ	12W03705780570234895J 📦	View Plan Details
Lyve Shuttle Array (80 TB HDD)	NB234895J	Received ⓘ	12W03705780570234895J 📦	View Plan Details

## 3. Configuring your upload credentials and bucket details:

**1 Enter Credentials**

**2 Review & Submit**

Please note that for the term "Cloud-Specific Compatibility Guide", the Cloud Specific name will dynamically show the Cloud name (i.e. Google Cloud Storage Compatibility Guide.)

**Access Key**

Access Key

**Secret Key**

Secret Key

**Bucket**

Input must match your existing bucket name exactly and is case-sensitive.

Bucket

**Directory**

Each device in your project will have its own directory. Please refer to the [Selected-Cloud Provider Compatibility Guide](#) for details. Each device's serial number will be automatically appended to this name at the time of

Directory

I have read and understand the following information:  
**IP Address Access Guide** 📄

Validate Credentials

Next Save as Draft

#### 4. Acknowledge the IP Address Access Guide:

**1** Enter Credentials

**2** Review & Submit

Please note that for the term "<Selected-Cloud Provider>Compatibility Guide", the name will dynamically show the Cloud name (i.e.Google Cloud Storage Compatibility Guide.) based on the user selection.

**Access Key**

**Secret Key**

**Bucket**


Input must match your existing bucket name exactly and is case-sensitive.

**Directory**

Each device in your project will have its own directory. Please refer to the [<Selected-Cloud Provider> Compatibility Guide](#) for details. Each device's serial number will be automatically appended to this name at the

I have read and understand the following information:

**IP Address Access Guide** [↗](#)

 Show loading icon after pressed the button

#### 5. Validate Credentials:

**1** Enter Credentials

**2** Review & Submit

Please note that for the term "<Selected-Cloud Provider>Compatibility Guide", the name will dynamically show the Cloud name (i.e.Google Cloud Storage Compatibility Guide.) based on the user selection.

**Access Key**

**Secret Key**

**Bucket**


Input must match your existing bucket name exactly and is case-sensitive.

**Directory**

Each device in your project will have its own directory. Please refer to the [<Selected-Cloud Provider> Compatibility Guide](#) for details. Each device's serial number will be automatically appended to this name at the

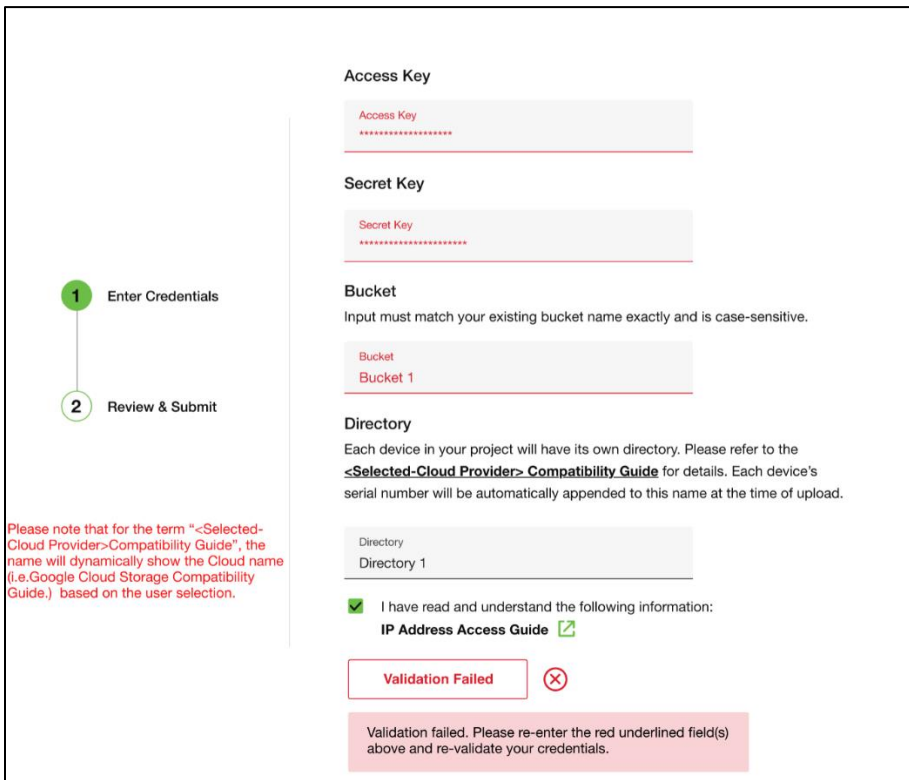
I have read and understand the following information:

**IP Address Access Guide** [↗](#)

 Show loading icon after pressed the button



6. If you encounter 'Validation Failed' re-enter credentials to Validate Credentials:



1 Enter Credentials

2 Review & Submit

Please note that for the term "<Selected-Cloud Provider>Compatibility Guide", the name will dynamically show the Cloud name (i.e. Google Cloud Storage Compatibility Guide.) based on the user selection.

**Access Key**

Access Key  
\*\*\*\*\*

**Secret Key**

Secret Key  
\*\*\*\*\*

**Bucket**

Input must match your existing bucket name exactly and is case-sensitive.


Bucket  
Bucket 1

**Directory**

Each device in your project will have its own directory. Please refer to the <Selected-Cloud Provider> Compatibility Guide for details. Each device's serial number will be automatically appended to this name at the time of upload.

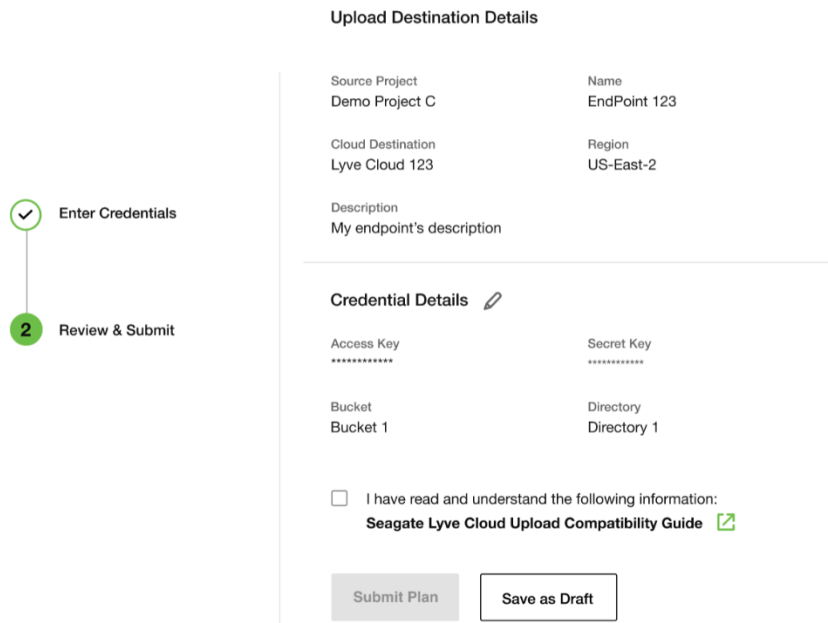
Directory  
Directory 1

I have read and understand the following information:  
[IP Address Access Guide](#)

**Validation Failed** 


Validation failed. Please re-enter the red underlined field(s) above and re-validate your credentials.

7. Acknowledge the Seagate Lyve Cloud Upload Compatibility Guide and Submit Plan:



Upload Destination Details

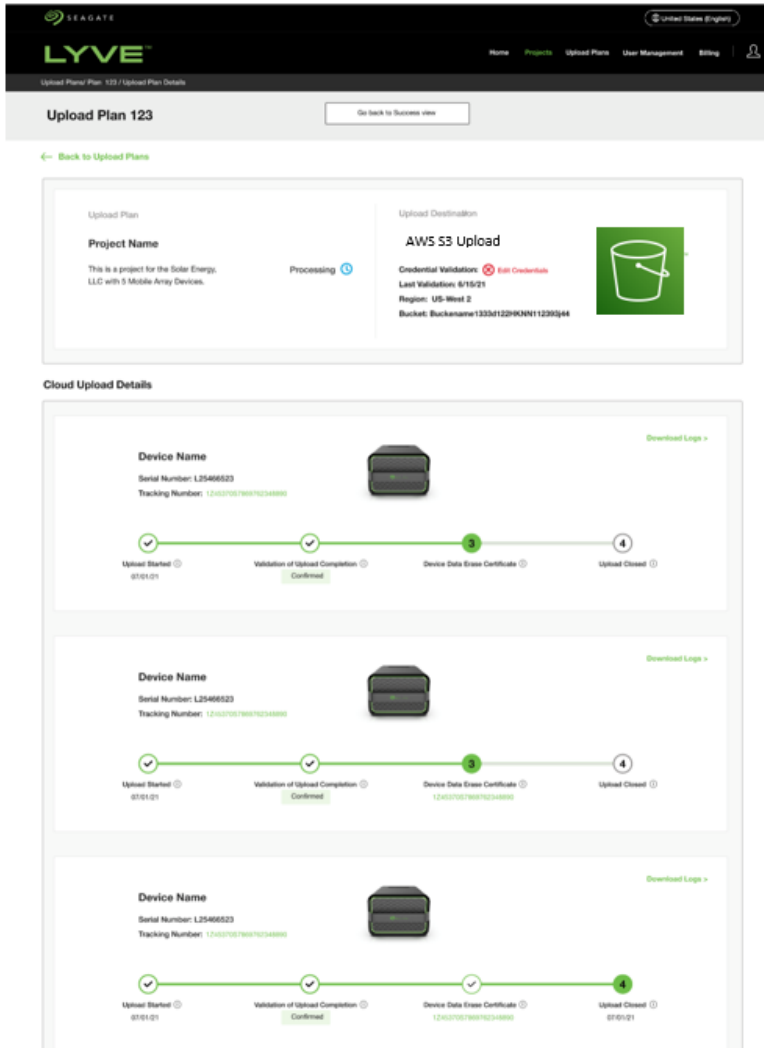
Source Project	Name
Demo Project C	EndPoint 123
Cloud Destination	Region
Lyve Cloud 123	US-East-2
Description	
My endpoint's description	

**Credential Details** 

Access Key	Secret Key
*****	*****
Bucket	Directory
Bucket 1	Directory 1

I have read and understand the following information:  
[Seagate Lyve Cloud Upload Compatibility Guide](#)

8. Reference Projects for Cloud Upload Details for Device(s):



## Best Practices For Data Imports into AWS S3

[Create](#) an AWS account or use your existing AWS account to [Login](#) to AWS Management Console. To move the data successfully to a designated cloud bucket, you will need to create a new bucket allowing Seagate access to do the import. We recommend that a unique bucket is created specific to this import project and that the user follows AWS best practices as it relates to the bucket creation, security and user permissions.

Gather the Information below from your AWS Bucket to configure the Lyve Mobile Cloud Import project:

- Existing AWS S3 Bucket name
- AWS Region
- Access Key
- Secret Key

Seagate supports all AWS access controls, and management options to enable public access to S3 bucket object storage.

## AWS Bucket Creation

**General configuration** To learn more getting started and to deploy best practices with Amazon S3, click [here](#).

To create a new AWS Bucket, provide a Bucket name and AWS Region.

### Object Ownership

ACL's disabled (recommended) [Uncheck Block all public access](#)

### Block Public Access settings for this bucket

Uncheck Block all public access

Click **Create bucket** [Bucket naming rules](#)

## Copying data to your device

Use the cables included with the Lyve Mobile device to connect your Lyve Mobile device.

Ingest mode: Connect your edge recording device storage directly to Mobile Shuttle and transfer data manually or automatically from your drone, audiovisual equipment, and IoT devices.

DAS Mode: Connect USB-C cable directly into your host system and manually drag and drop your data onto the Mobile Shuttle or automate the data management workflow with Lyve Client software or the e-ink display.

NAS Mode: Plug the Mobile Shuttle directly into your network with 10GbE and transfer data manually or automatically.

## Retrieving your return shipping label

Once you have completed your data transfer to the Lyve Mobile Array submit a request for the shipping label.

Place all the [Lyve Mobile components](#) in the Lyve Mobile Array Shipper, apply the label and drop off at any convenient UPS location.

For additional security, [fasten the included beaded security tie to Lyve Mobile Shipper](#).



## Checking the status of your plan

Use the [Lyve Management Portal](#) view all Projects and their associated status in a centralized place:

SEAGATE  
LYVE™

United States (English)

Home Projects Upload Plans User Management Billing

### Welcome

#### Projects

Total Projects  
**145**

Projects Expiring Soon  
Dell Project 4  
HP Project 4

Projects Saved as Draft  
Dell Project 3  
HP Project 123

[View Projects](#)

[Add Project](#)

#### Users

Active Users  
**144**

Recently Registered  
Vivek Verma, Product User  
Adam Smith, Product User

Recently Invited  
Vivek Verma, Product User  
Adam Smith, Product User

[View Users](#)

[Add Users](#)

#### Support

Quick Links

- [Data Transfer as a Service FAQ](#)
- [How to Manage Lyve Users](#)
- [How to Create a Lyve Project as a Business\\*](#)
- [Return/Cancel Shipping Instructions](#)

User Manuals

- [Lyve Management Portal](#)
- [Lyve Mobile Array](#)
- [Lyve Client Software](#)
- [Lyve Mobile Rackmount Receiver](#)
- [Lyve Drive Shuttle](#)

[Contact Support](#)

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## Confirming your validation

Upon completion of your Cloud Upload, you will receive a notification to confirm your data has been successfully uploaded to your cloud destination.

The Lyve Mobile Array will be reset back to factory settings and changing the encryption key so that any data remaining on the drive is *cryptographically* erased. This means all data on the drive is permanently and instantly unreadable.

A certification of Crypto Erase Completion will be issued upon completion of the Crypto Erase:

## LYVE™ Mobile

### Certificate of Crypto Erase Completion

Date of Erasure	Physical disk serial numbers
June 28, 2021 12:24am PST	3493ERU
Device Type	3493ERV
Lyve Mobile Array 60TB HDD	3493ERW
Device Name	3493ERX
PROJECT_NAME_01	3493ERY
Device Serial Number	3493ERZ
871ZVY	
Data Erased	
54.6 TB	

All physical disks have been securely erased in accordance with NIST SP 800-88 r1 guidance.

### Ending the Project

Use the [Lyve Management Portal](#) to close out you Data Transfer as a Service Project.