SEAGATE Lyve Client Software User Manual

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Introduction

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Getting Started with Lyve Client Software

Welcome

Lyve Client lets you unlock and manage Lyve Mobile devices connected to your host computer.
Secure your devices— Industry-standard authentication key management lets you unlock your Lyve Mobile devices for use with a connected computer.

Your local data at a glance— View the status of connected Lyve Mobile devices, available storage capacities, and current data activities.

Workflow data management— Create worfklows to automate copying, moving, and deleting terabytes of data.

Lyve Management Portal credentials

To unlock and access Lyve Mobile devices connected to your computer, you must enter a username (email address) and password in the Lyve Client app. Your email address and password credentials were registered with Lyve Management Portal in one of two ways:

Account manager—You created a Lyve Management Portal account at lyve.seagate.com and set up your email address and password during registration.

Product admin or product user—You were identified as a product user for a project created in the Lyve Management Portal. An email was sent to you from the Lyve team inviting you to register your account.

If you haven't already registered your account, you should do so before attempting to unlock connected Lyve Mobile devices. The setup process allows you to:

- Create a password to manage your account and access connected Lyve Mobile devices.
- Establish 2-step verification for strong security.
- Register your account information with Lyve Management Portal.

If you can’t remember your credentials or your email invitation period expired before you could register your account, visit lyve.seagate.com. Click Sign in and then click Don’t remember your password?. If your email isn’t recognized, contact your account manager. For further help, you can contact customer support using the Lyve Virtual Assist Chat at [lyve.seagate.com.](lyve.seagate.com)

Download and install Lyve Client Software

Install Lyve Client on any computer intended to connect to your Lyve Mobile device.

1. Log in to [lyve.seagate.com.](lyve.seagate.com)
2. On the Home page, click Downloads.
3. At the prompt, click Download for either Windows® or macOS®.
4. Go the folder where you receive downloads and open the installer.
5. Follow the onscreen instructions to complete the setup and open Lyve Client.

[You can also download Lyve Client installers from the support page at www.seagate.com/support/lyveclient.](www.seagate.com/support/lyveclient)

Authorize host computers

Open Lyve Client on a computer intended to host your Lyve Mobile device.

An internet connection is required when authorizing a host computer.

1. When prompted, enter your Lyve Management Portal email address and password.
2. 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 a period of time, during which you can unlock and access connected devices even without an internet connection. You’ll need to periodically open Lyve Client on the computer and re-enter your credentials.

Network Requirements

Make sure your anti-virus, firewall or VPN security settings allow port access to Lyve Client.

State	Access type	Port
Before device discovery	The application and device must be able to communicate via SLP	UDP port 427
After device discovery	The application and device must be able to communicate via SSH	TCP port 22

In both states, it is assumed that the device has been assigned an IP address by a local DHCP server or has been assigned a static IP address.

- All Lyve Mobile devices are in DHCP mode by default. If an IP is not assigned via DHCP, the device will generate its own IP address.
- Any host on the same subnet can see the device and communicate with it using this address.
    - In DAS mode via a Thunderbolt/USB-C connection, this is the address that is used to communicate with the device.

Dashboard

Use the Dashboard to view notifications relating to Lyve Mobile devices connected to the host computer. Dashboard information includes:

- Device connection types.
- Drive capacities and statuses.
- Import activities and progress.
- Event dates and timestamps

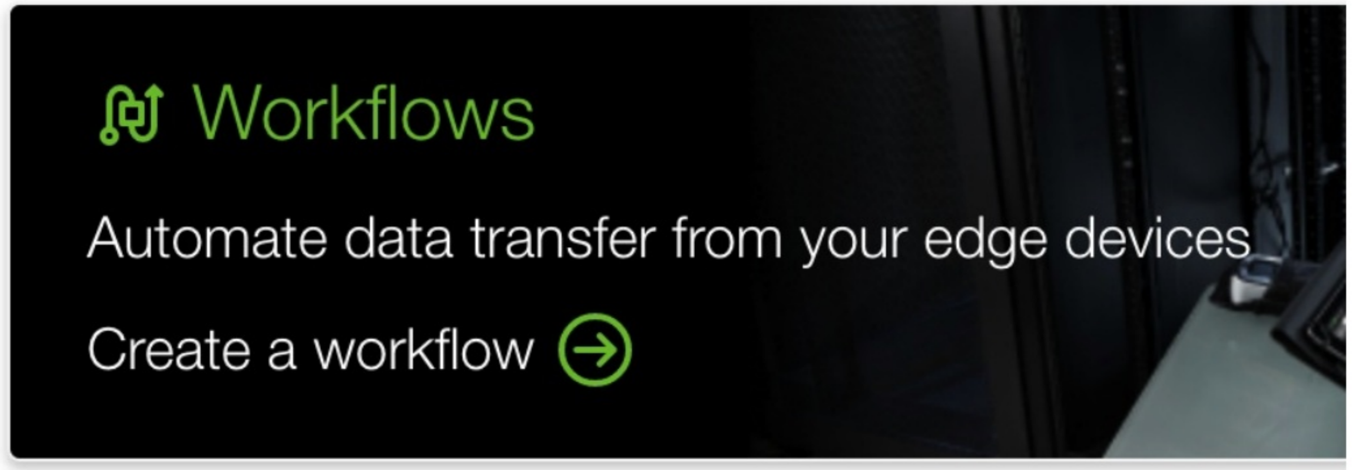
Viewing devices on the Dashboard

Lyve Client automatically adds devices for inclusion in Lyve Client workflows and device management. To view device details, hover your cursor over a device card and click on the Inspect icon.

This is a shortcut to clicking on the Devices tab and **viewing device details.**

Creating a workflow

A workflow is a set of rules that allow you to automate file imports from one device to another. It can be invoked manually or automatically to start a data activity such as moving, copying, and deleting files. To create a workflow, click on the Continue icon at the top of the Dashboard.



This is a shortcut to clicking on the Workflows tab and [creating a new workflow.]

Viewing activities on the Dashboard

To view details of workflow activities, hover your cursor over an activity card and click on the Inspect icon.

Dashboard notifications

Default

Activity	Notification
Connection lost	[device] connection lost
Copy – in progress, complete	Copy from [source volume] to [destination volume]
Delete – in progress, complete	Delete files from [source volume]
Device added	[device] was added
Device connected	[device] connected
Device disconnected	[device] disconnected
Device locked	[device] locked
Device unlocked	[device] unlocked
Tag – in progress, complete	Tag files from [source volume

RAID

Activity	Notification
Initialization	RAID Initialization, [device]
Maintenance	RAID Maintenance, [device]
Rebuild	RAID Rebuild, [device]
Warning	Array Failed, [device]

Workflows

Activity	Notification
Workflow actions finished	[workflow name] actions finished
Workflow created	[workflow name] was created
Workflow created	[workflow name] was deleted
Workflow created	[workflow name] was edited
Workflow in progress	[workflow name] underway
Workflow turned on	[workflow name] was turned on
Workflow turned of	[workflow name] was turned of

Workflow triggers

Activity	Notification
Workflow trigger – automatic	[workflow name] trigger set to automatic
Workflow trigger – manual	[workflow name] trigger set to manual
Workflow trigger – prompt	[workflow name] trigger set to prompt
Workflow trigger – schedule	[workflow name] trigger set to scheduled

Data

Import activities are tracked as bundles of files copied or moved. Click on the Data tab to view a list of import activities. The following details are available on the default screen.

- **Bundle ID—**ID used to track a bundle of files.
- **Source—**The source volume of the imported files.
- **Destination—**The destination volume of the imported files.
- **Status—**The status of the activity, including date and timestamp details.

Copying an import activity to another destination

You can copy the same bundle of files to another destination volume.

1. Hover your cursor over a row in the list of activities and click on the Copy icon.
2. Select a destination volume.
3. Click Copy

Dele.ng an import activity

If you don't need to copy a bundle of files to more destination volumes, you can delete the destination data.

1. Hover your cursor over a row in the list of activities and click on the Delete icon.
2. Select a destination volume.
3. Click Delete.

Expor.ng an import activity to an unmanaged volume

You can copy the same bundle of files to an unmanaged volume.

1. Hover your cursor over a row in the list of activities and click on the Inspect icon.
2. Click on the Destination Type dropdown and select Unmanaged volume.
3. Select an unmanaged volume from the list.
4. Click Export.

Expor.ng an import activity to an external endpoint

You can copy the same bundle of files to external endpoints such as Amazon S3 and Swift Stack S3.

1. Hover your cursor over a row in the list of activities and click on the Inspect icon.
2. Click on the Destination Type dropdown and select External endpoint.
3. Select an existing external endpoint, or create a new one.
4. Click Export.

Devices

Click on the Devices tab to view devices that have been added to Live Client.

Identifying a connected Live Mobile device using the LED

Live Client can identify a connected Live Mobile device for you by having it temporarily flash its LED. This is useful if you have a large bank of connected Live Mobile devices and you need to identify a particular device

1. Hover your cursor over a Live Mobile device card and click on the Identify LED icon.
2. Observe the front faces of your devices to spot the one with the flashing purple LED.
3. Click the Identify LED icon a second time to turn off the identification.

Renaming a connected Live Mobile device

You can rename connected Live Mobile devices.

1. Hover your cursor over a Live Mobile device card and click on the Edit icon.
2. Enter a new name for the device.
3. Click Done.

Viewing device details

To view device details, hover your cursor over a device card and click on the Inspect icon.

Change a Live Mobile device’s LED settings

You can turn a Live Mobile device’s LED on or off and view the device’s LED color legend. The Legend shows the definition of each LED color to a specific state.

1. Go to a Device Details screen.
2. Hover your cursor over the LED card and click on the Edit LED icon.
3. Click on the toggle switch to turn the LED on or off.
4. Click on Show LED Legend to expand the legend.
5. Click Done.

Adding tags to a device

You can add metadata tags to your device to aid in searching and filtering devices.

1. Go to a Device Details screen.
2. Hover your cursor over the Tags card and click on the Edit icon.
3. Enter a tag in the edit field and press Enter.
4. Continue to enter tags in the edit field, pressing Enter after each entry.
5. When you’re finished adding tags, click Done.

Crypto-erasing a Live Mobile device

A crypto-erase securely deletes all data on the Live Mobile device while keeping your device settings and password intact.

 Data deleted during a crypto-erase cannot be recovered.

To securely erase your Live device, Live Client accesses all data on individual drives. Therefore, the RAID must be recreated after the crypto-erase is complete. Recreating the RAID requires an initialization that can take over 24 hours if the Live device is not in use. You can use your Live device during the initialization but performance will be degraded until it is complete. Also, using the device during an initialization will increase the time for it to complete. To avoid delays in completing the initialization, make certain that the host computer does not go to sleep until it is complete. If the computer goes to sleep, the initialization will be paused until it wakes up.

1. Go to a Device Details screen.
2. Hover your cursor over the Secured card and click on the Crypto-Erase icon.
3. Click Enter.

Viewing Live Mobile disk details and enabling dynamic spare disks

You can view Live Mobile device disk details, such as the status of each disk, it's capacity, and its RAID array setting. You can also allow disks that are unassigned to an array to act as a spare for any disk group on the device.

1. Go to a Device Details screen.
2. Hover your cursor over Disks and Spares icon and click on the Inspect icon.
3. (Optional) Click the Enable Dynamic Spares toggle switch.

Download log files for Live Mobile devices

To aid in troubleshooting, you can download device log files to your computer.

1. Go to a Device Details screen.
2. Hover your cursor over the Device card and click on the Download Logs icon.
3. Select a download location on your computer.
4. Click Download Logs.

Viewing device volumes using a disk utility

You can quickly open Disk Management (Windows) or Disk Utility (Mac) to view device volumes.

1. Go to a Device Details screen.
2. Hover your cursor over a row in the Device Volumes list and click on the Utility icon.

Viewing device volumes using a file browser

You can quickly open File Explorer (Windows) or Finder (Mac) to view the content of your volume.

1. Go to a Device Details screen.
2. Hover your cursor over a row in the Device Volumes list and click on the Find icon.

View Live Mobile firmware details

You can view details about your Live Mobile device's firmware for use in troubleshooting.

1. Go to a Device Details screen.
2. View the Firmware card.

Workflows

Click on the Workflows tab to create or edit workflows that automate copying, moving, and deleting data.

Crea.ng a new workflow

1. To create a new workflow, click on the Plus icon at the top of the screen.
2. Select a source volume for the workflow and click Next.
3. Select a file filter for the import: All files or New files. 'All files' copies all the files from the source volume each time you connect your device. 'New files' incrementally copies new content added since the last import.
4. Select a destination volume for the workflow and click Next.
5. Select secondary actions. Check Delete to delete files from the source volume once copies are complete. Check Notify to override default notifications for this workflow. Click Next.
6. Set workflow actions. Using the Trigger dropdown menu, select Automatic to trigger this workflow whenever the source device is connected to the host computer, or select Manual to only trigger this workflow manually. Click Next.

Edi.ng a workflow

1. Hover your cursor over an existing workflow and click on the More menu, and then select Edit.
2. Edit elements of the workflow.
3. Click Create.

Dele.ng a workflow

1. Hover your cursor over an existing workflow and click on the More menu, and then select Delete.
2. Edit elements of the workflow.

Settings

Click on the Settings tab to control application and update settings:

- **Launch Live Client at startup—**Check if you want Live Client to automatically open whenever you start your computer.
- **Auto-update Live Client—**Check if you want Live Client to automatically check for new updates when connected to the internet.

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Documents / Resources

	SEAGATE Lyve Client Software [pdf] User Manual Lyve Client, Software, Lyve Client Software
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References

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