

QNAP

Multimedia Console

Centrally control and monitor
your multimedia backend
services on QNAP NAS



Agenda

- **Multimedia Console Introduction**
- **Multimedia Console Features**
- **User Story - Multimedia Console x Hybrid Mount**
- **Live Demo**

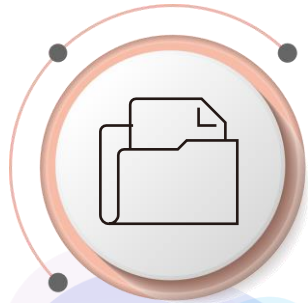


Multimedia Console Introduction



Multimedia Backend Services

Common functionalities used by various QNAP applications



Content Source

Set the source folder for multimedia application to show content within the folder



Indexing

Create index for contents in source folder



Thumbnail

Preview multimedia files without opening them



Transcode

View media files in MPEG-4 format



AI Engine

QuMagie Core recognizes People, Object, Similar Photos for you

Multimedia Backend Services

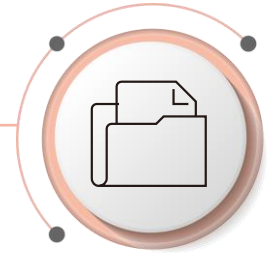


Indexing

Create index for contents in source folder

A screenshot of the MusicStation 5 application interface. The window title is "Music Station". The main header shows "MusicStation 5" with "Spotlight" and "Manage" tabs. The left sidebar has icons for "Songs", "Artist", "Album", and "Genre". Below these are "Folder", "Media Server", "Playlist", "Smart Playlist", and "Shared Center". The main content area shows a folder view of "Music > A.Rubinstein >". A table lists music files with columns for "Title", "Artist", and "Album".

Title	Artist	Album
Folder > Music > A.Rubinstein >		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.17]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.20]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.21]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.22]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.23]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.24]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.25]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.26]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.27]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.28]...		
Arthur.Rubinstein.-[The.Rubinstein.Collection.Vol.29]...		



Content Source

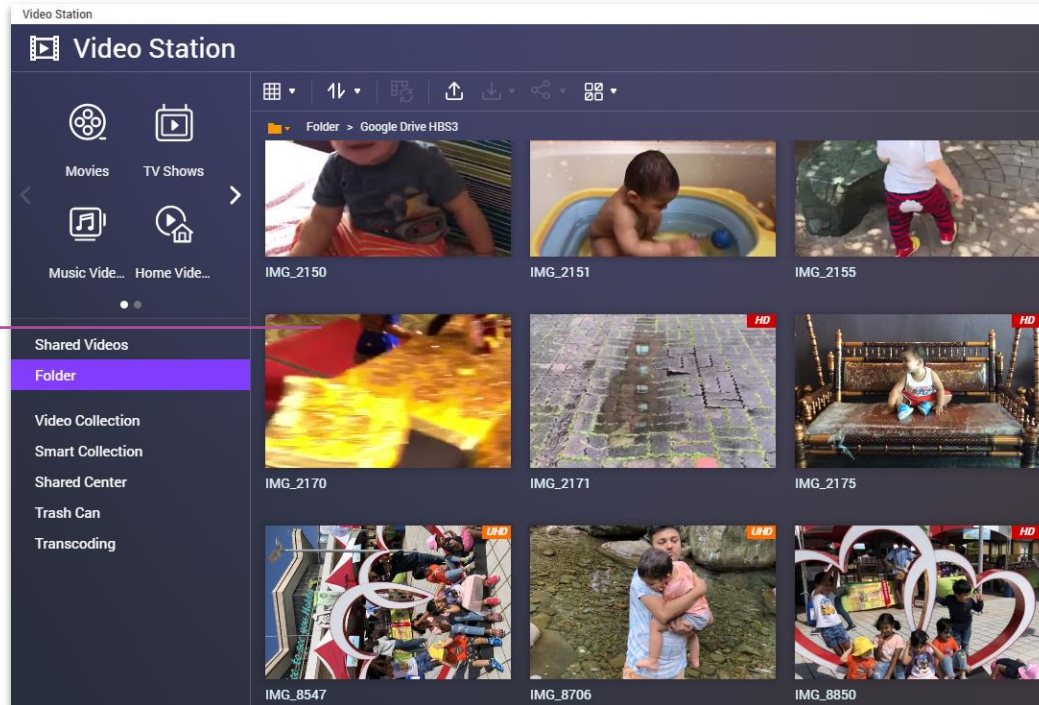
Set the source folder for multimedia application to show content within the folder

Multimedia Backend Services



Transcode

View media files in
MPEG-4 format

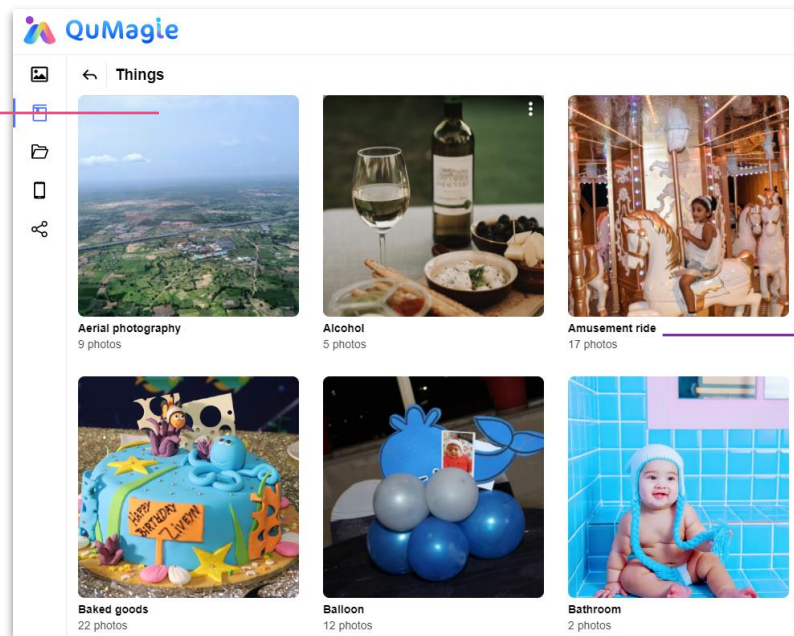


Multimedia Backend Services



Thumbnail

Preview multimedia files without opening them



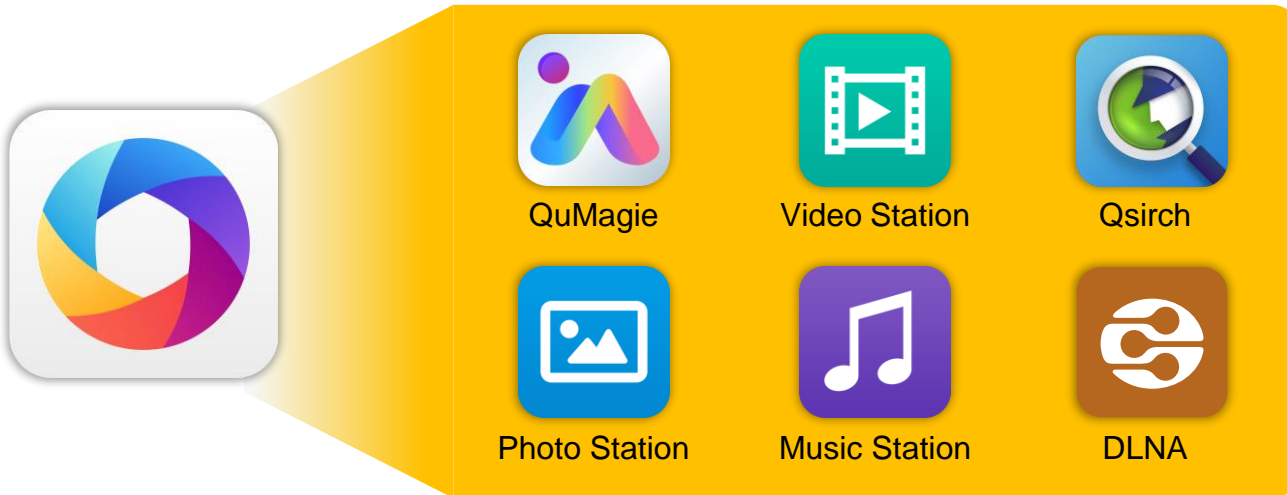
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Multimedia Console Introduction

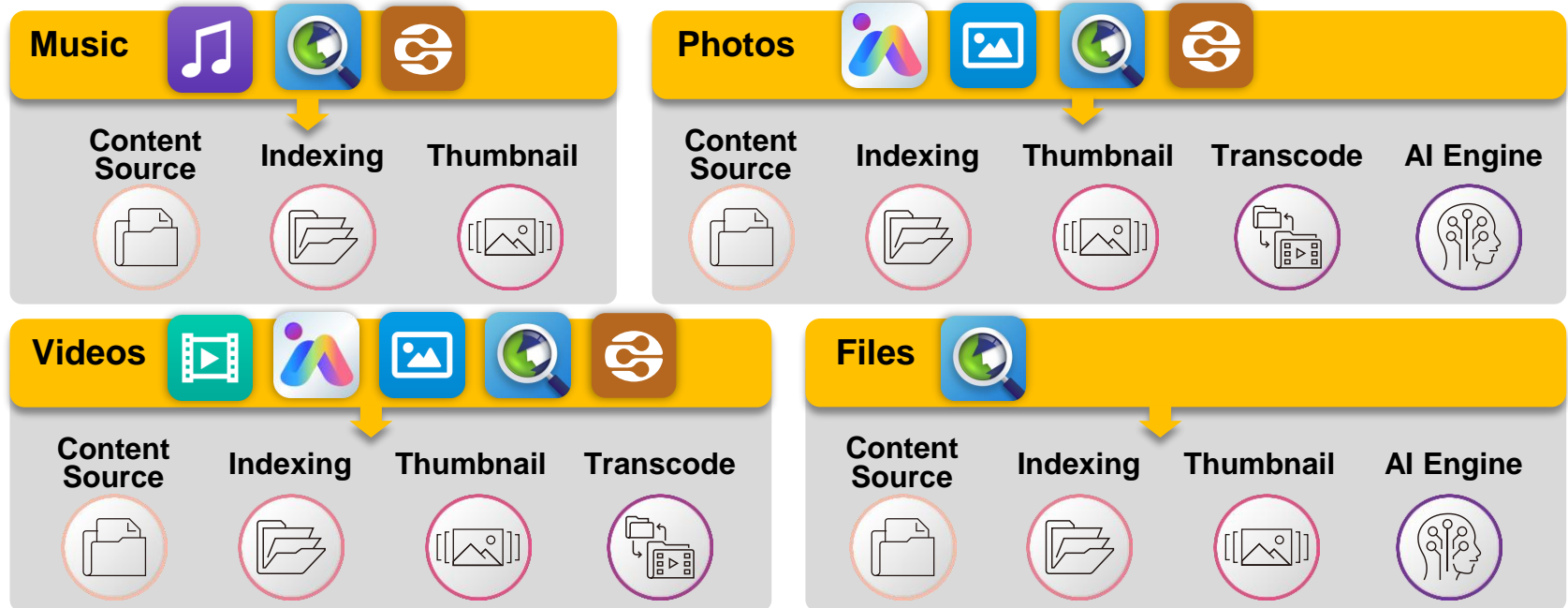
- Multimedia Console consolidates all of the multimedia backend services within QNAP NAS applications into one app
- Multimedia Console is a pre-loaded application within QNAP NAS system



Advantages of using Multimedia Console

Avoids decentralized management

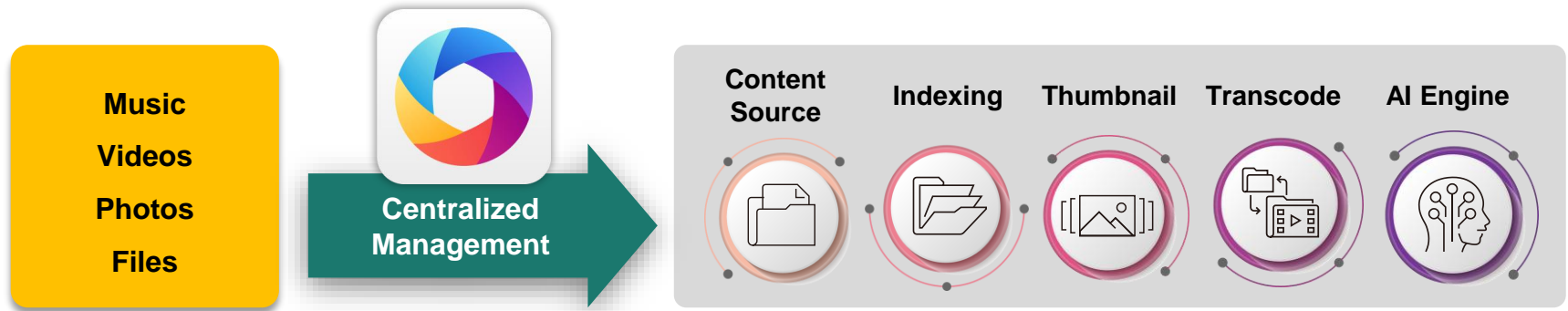
- User doesn't have to go through same setup process within each individual application



Advantages of using Multimedia Console

Centralized management

- Easier control within the single application



Multimedia Console Features



Multimedia Console Features



Managing Content Source

Define source folder access permission for each multimedia application in your QNAP NAS

The screenshot shows the Multimedia Console interface. On the left is a navigation sidebar with options: Overview, Content Management (selected), Indexing, Thumbnail Generation, Transcoding, Multimedia App Suite, and AI Engines. The main content area is titled 'Content Management' and features five application icons: QuMagie, Photo Station, Video Station, Qsirch, and DLNA. Below these is the 'Content Sources' section, which includes a text box stating 'Browse multimedia content in the following source locations using QuMagie. To add or remove source locations, click Edit.' It shows 'Content sources: 2' with details for 'Used space: 6.3 GB', 'Photos: 1998', and 'Videos: 48'. An 'Edit' button and a link to 'Excluded System Sources' are visible. At the bottom, a note indicates: 'Go to Settings in QuMagie to filter content from the sources listed above. Multimedia Console generates thumbnails for multimedia content in the selected file paths.'

The screenshot shows the 'Edit QuMagie Content Sources' dialog box. It prompts the user to 'Select source locations for QuMagie.' The dialog is split into two panes: 'Select Folders' and 'Selected Folder Paths'. The 'Select Folders' pane contains a tree view of folders with checkboxes. 'Dropbox (paulhung@qnap.com)' and 'Multimedia' are selected. The 'Selected Folder Paths' pane shows 'Dropbox (paulhung@qnap.com)/Multimedia'. At the bottom, there is an information icon and a note: 'Go to Control Panel > Shared Folders > Edit Shared Folder Permission to view and configure shared folders access privileges for QTS users. If you want to remove a selected folder path, ensure that another application has this folder path selected as a content source. If not, the system will remove identified results, such as faces and objects.' 'Apply' and 'Cancel' buttons are at the bottom right.

Multimedia Console Features



Indexing

Generate Index within the content source folder, also generate thumbnails and transcode multimedia content

- You can monitor and Control
 - The priority of indexing among system tasks
 - The text encoding when parsing metadata

The screenshot displays the Multimedia Console interface. The left sidebar contains a navigation menu with the following items: Overview, Content Management, Indexing (highlighted), Thumbnail Generation, Transcoding, Multimedia App Suite, and AI Engines. The main content area is titled "Indexing" and contains the following text: "Indexing helps keep track of multimedia content in Content Management's assigned folder on your NAS. After indexing, the Multimedia Console generates thumbnails and transcode multimedia content in your content sources to improve media management, playback, and browsing experience." Below this text is a "Settings" section with the following controls: "Index:" with a status of "Completed" and a "Pause" button; "Priority:" with a dropdown menu set to "Low (Default)"; "Text encoding:" with a dropdown menu set to "Default"; and a "Re-index" button. A blue information icon is followed by the text: "Re-indexing rebuilds the multimedia content database. All related databases (e.g., thumbnails, tags, albums) will be reset to their default settings."

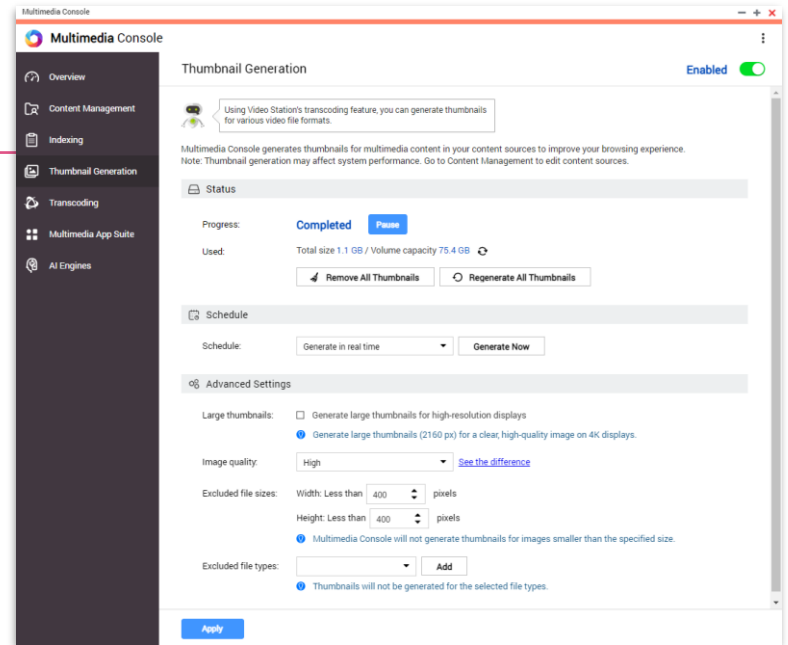
Multimedia Console Features



Thumbnail Generation

Previewing multimedia content without actually opening them one by one

- You can Monitor and Control
 - Thumbnail Generation progress
 - Schedule Thumbnail Generation
 - Advanced settings
 - Large Thumbnail Generating Details



Multimedia Console Features

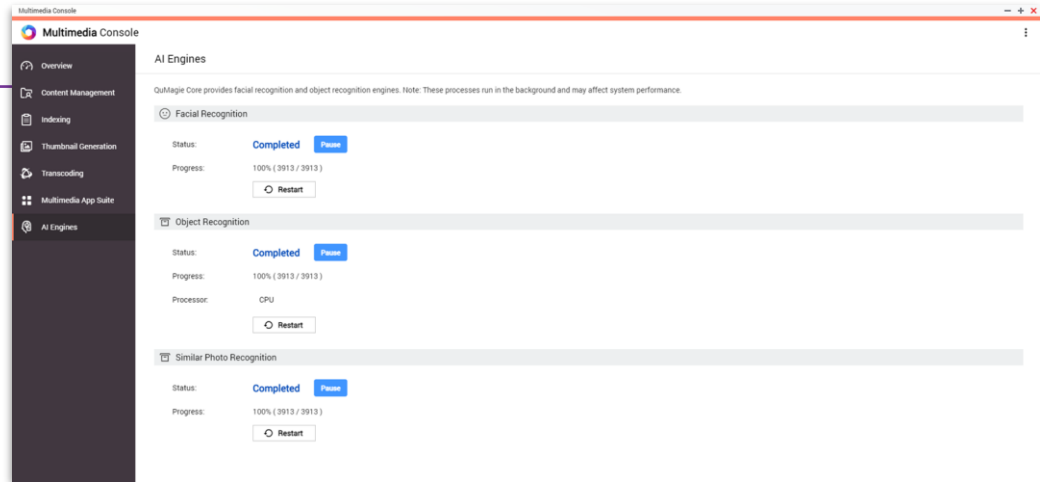


AI Engine

QuMagie Core's AI Engine is capable of performing

- Facial Recognition
- Object Recognition
- Similar Photo Recognition

- You can Monitor and Control
 - Reached Progress
 - Hardware resources
 - Pause or Restart

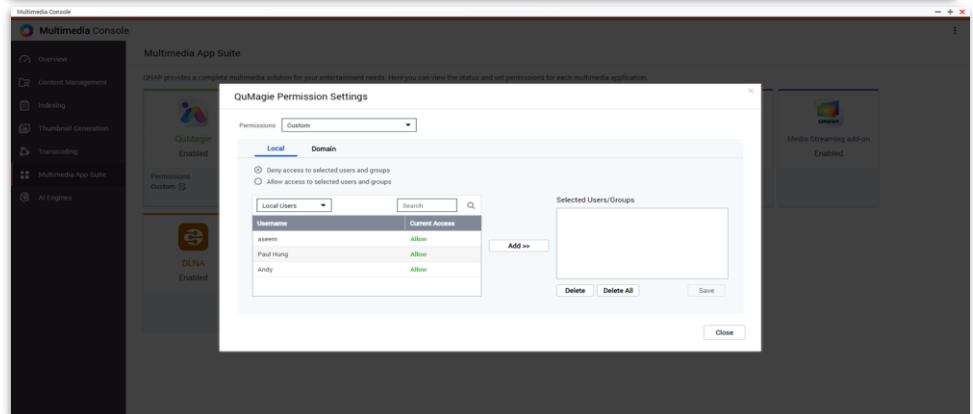
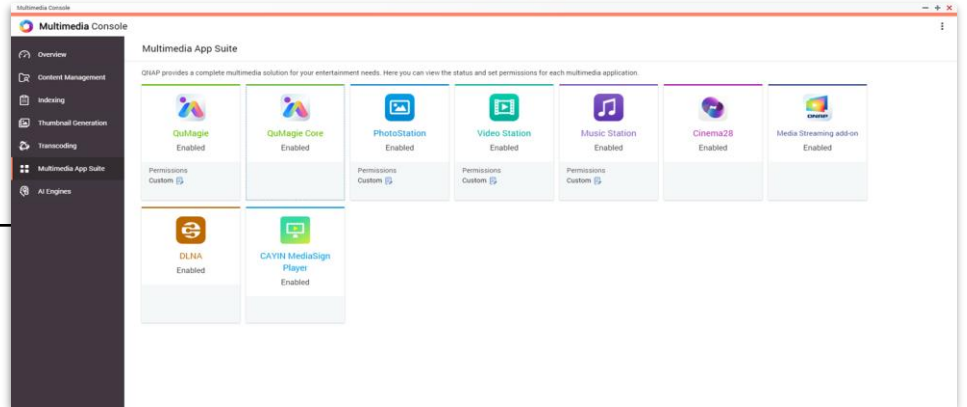


Multimedia Console Features

Multimedia App Suite

Overview installation, enablement and permission settings of all multimedia applications in a single page

- You can monitor and control
 - Enable status for all multimedia App within QNAP NAS
 - Define individual account accessibility permission for QuMagie/PhotoStation/Video Station/Music Station



Multimedia Console Features

Overview Panel

Overview all multimedia Services

- You can monitor and control
 - Enable or Disable all multimedia services
 - View Indexing and Thumbnail Generation process easily
 - View the most used tags for Photo, Video, and Music portion

The screenshot displays the Multimedia Console interface. On the left is a dark sidebar with navigation options: Overview (selected), Content Management, Indexing, Thumbnail Generation, Transcoding, Multimedia App Suite, and AI Engines. The main content area is titled 'Overview' and shows 'Multimedia Services: Enabled' with a green toggle. Below this, two status cards indicate that both 'Index' and 'Thumbnail' processes are 'Completed'. The 'Index' card shows a last update of 2021/02/20 09:55:46 and 9077 total files. The 'Thumbnail' card shows a last update of 2021/02/20 10:05:56 and 7589 total files. A 'Content Information' section provides a summary of content counts: Photos (4004), Videos (79), and Music (4994). It also features 'Top 5 Tags' for Photo, Video, and Music. The Photo tags are Frogs (11), kangaroo (6), Friends (3), Cable Car (1), and Cloud (1). The Video tags are Home Videos (6) and Add tags (3). The Music tags are Classical (1564), RCA Red Seal (693), *6 Classical (45), Jazz (41), and Piano Recital (32).

Category	Item	Count
Photos	Frogs	11
	kangaroo	6
	Friends	3
	Cable Car	1
	Cloud	1
Video	Home Videos	6
	Add tags	3
Music	Classical	1564
	RCA Red Seal	693
	*6 Classical	45
	Jazz	41
	Piano Recital	32

User Story

Multimedia Console x Hybrid Mount



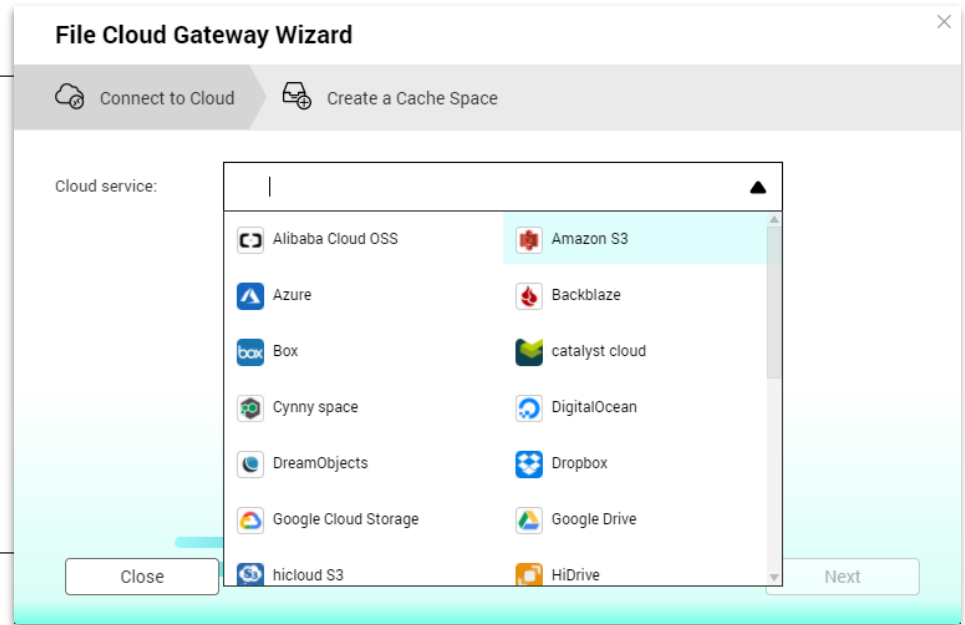
User Story - Problem Faced

How can I manage all the multimedia files which stores on my various cloud services with QNAP NAS altogether?



User Story - Solution

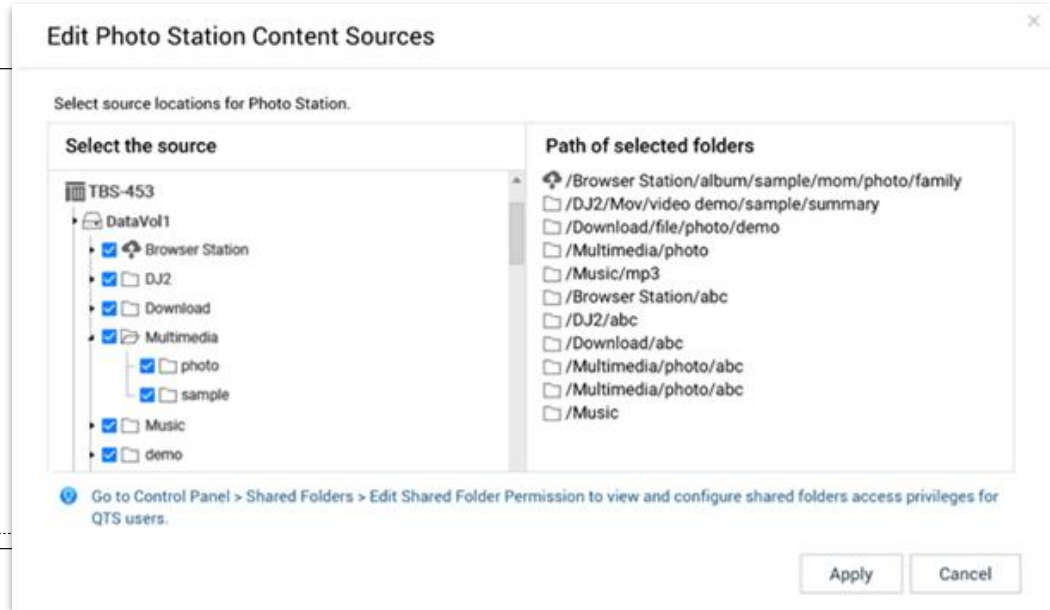
1 Set up a File Cloud Gateway by connecting QNAP NAS to cloud drives with HybridMount, then access the cloud drive in fast transferring performance



User Story - Solution

2

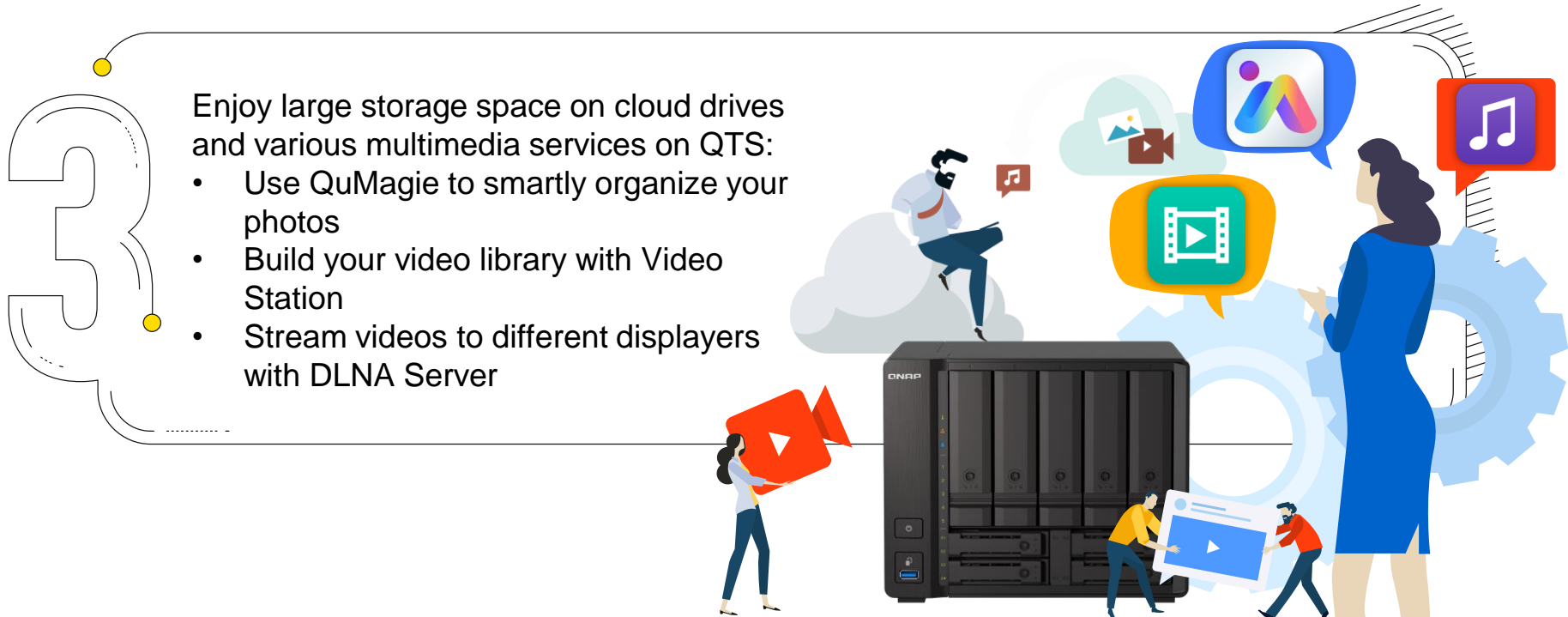
Set the HybridMount Volume as a content source, and you can browse contents on the cloud in multimedia applications



User Story - Solution

Enjoy large storage space on cloud drives and various multimedia services on QTS:

- Use QuMagie to smartly organize your photos
- Build your video library with Video Station
- Stream videos to different displayers with DLNA Server



Multimedia Console Live Demo



QNAP

Multimedia Console

is your best choice!

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