

QNAP



**Manage
multimedia services with
Multimedia Console**

Coming soon! Will be released with QTS 4.4.1



Reveal the truth about Multimedia Console

◆ Want to browse photos, movies and music? Set a Content Source Folder!

- Set content sources for all multimedia applications at once
- Smoothly upgrade from Media Library to Multimedia Console

◆ Want to know what NAS silently pays for you? Overview page tells you.

- Overview indexing, thumbnail generation and transcoding status and settings

◆ Want to control all the multimedia services? Go to App Suite page.

- Installation and enablement
- Access permission settings



Before QTS 4.4.1, did you have the following troubles?

How exactly should content management be set? Why doesn't my video even appear on Video Station?

I want to let different people see different content, how to set it?

There are so many settings. What are the differences?

Media folder?
Folder properties?
It confuses me!

I just want to keep my data on NAS. How can I disable all multimedia services at once?

What multimedia services can I use on QTS? Is there a list?

Why Photo Station can see the folder I assigned to Video Station?

Where are the multimedia management settings? They are too hard to find!



We have heard these inconveniences from the past

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Now you can see the improvements

Media Library (Before QTS 4.4.1):

- × Media folders and folder properties are set separately.
- × Too many options for content management.
- × Setting pages are not obvious and scattered.
- × Setting descriptions are difficult to understand.
- × The main switch is hidden in many settings.
- × Too many features to see at a glance.
- × Permission settings are too complicated.

Scattered
Complicated

Multimedia Console (From QTS 4.4.1):

- ✓ Set folders as content sources directly.
- ✓ Simplified UI and content source setting flow.
- ✓ Collect in 1 single QPKG.
- ✓ Easy-to-understand descriptions.
- ✓ Move the main switch to an obvious place.
- ✓ Lineup all multimedia services in 1 page.
- ✓ Intuitive permission settings.

Collected
Simplified

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Want to browse photos, movies and music? Set a Content Source Folder!

Set the folder as a content source so that
multimedia content is no longer invisible.

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Why don't my photos appear in Photo Station?

Before QTS 4.4.1,
you have to choose 1 method
from the following 3:

- Set the folder as a “Media Folder” in Control Panel.
- Set the folder property as “Photo”, “Video”, or “Music” in File Station.
- Set content sources in different applications.

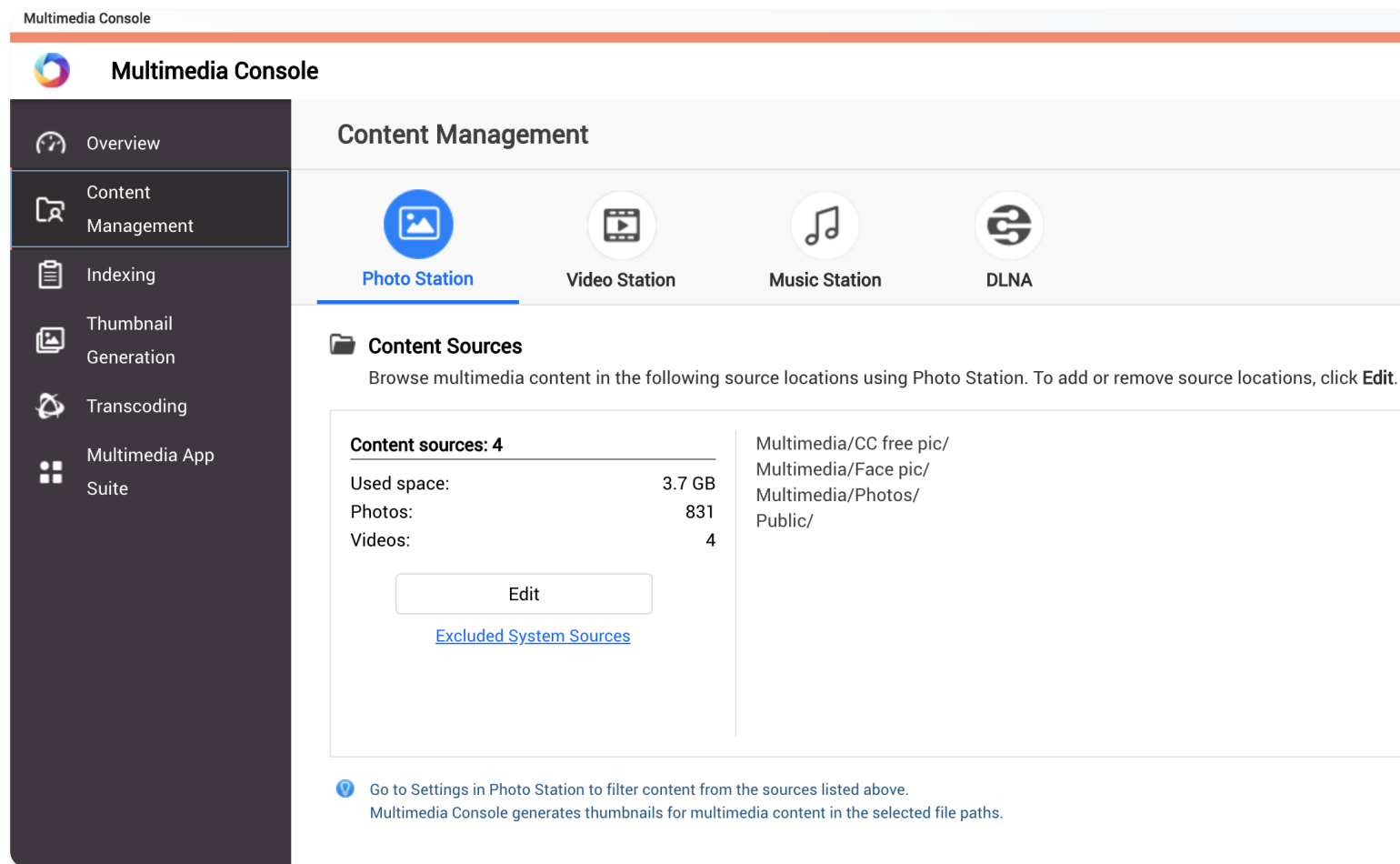
From QTS 4.4.1,
you only need to go to
Multimedia Console:

- ✓ Set content sources for all multimedia applications in Multimedia Console!

Set Content Sources for All Multimedia Applications

Go to Content Management

Assign folders as content sources for each application.



The screenshot shows the 'Multimedia Console' interface. On the left is a dark sidebar with a menu: Overview, Content Management (selected), Indexing, Thumbnail Generation, Transcoding, and Multimedia App Suite. The main area is titled 'Content Management' and has four tabs: Photo Station (active), Video Station, Music Station, and DLNA. Under the 'Photo Station' tab, there's a section 'Content Sources' with the instruction: 'Browse multimedia content in the following source locations using Photo Station. To add or remove source locations, click **Edit**.' Below this is a table showing 'Content sources: 4'.

Content sources: 4	
Used space:	3.7 GB
Photos:	831
Videos:	4

Below the table is an 'Edit' button and a link 'Excluded System Sources'. To the right of the table, the following paths are listed: Multimedia/CC free pic/, Multimedia/Face pic/, Multimedia/Photos/, and Public/. At the bottom, a tip icon and text state: 'Go to Settings in Photo Station to filter content from the sources listed above. Multimedia Console generates thumbnails for multimedia content in the selected file paths.'

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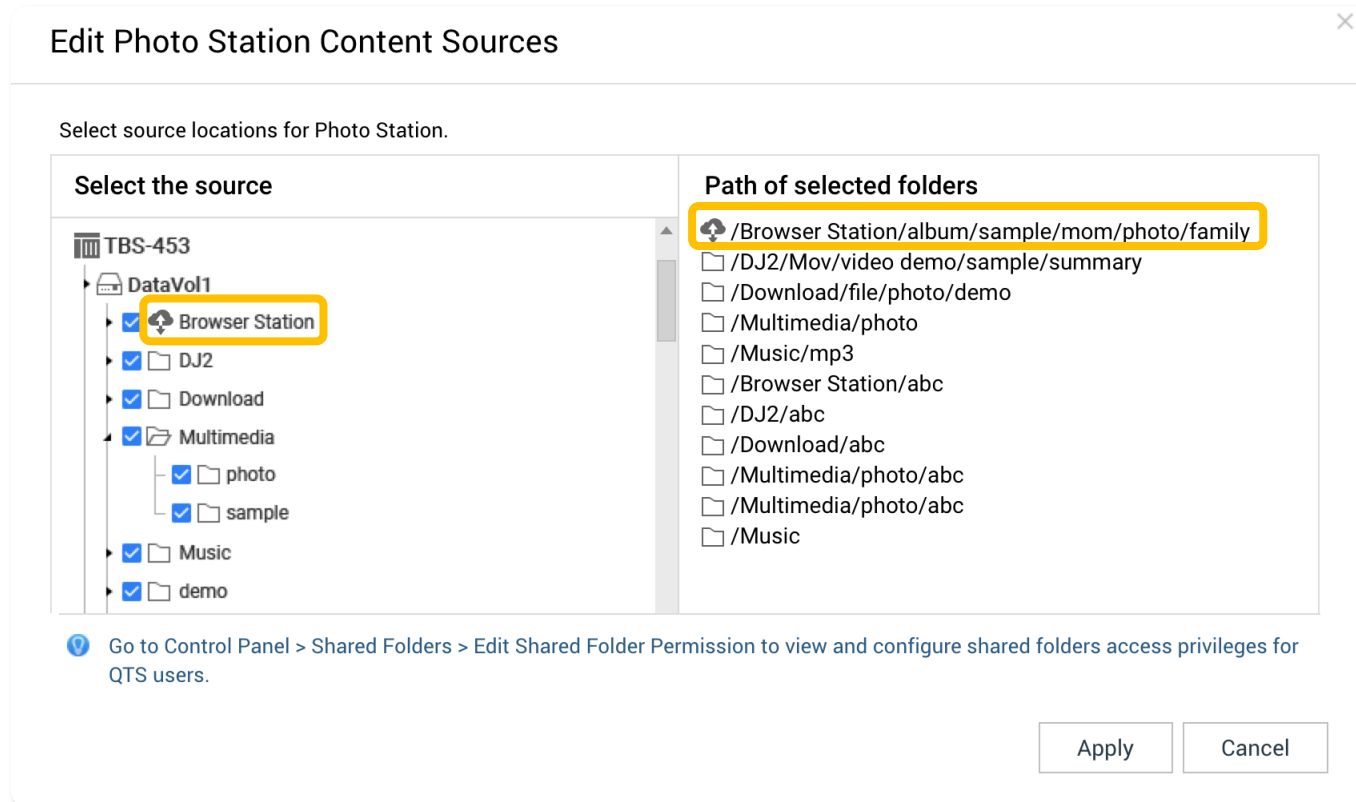
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NEW

Set Cloud Drives as Content Sources

Multimedia Console + CacheMount

- CacheMount can cache part of files in cloud drives, improving performance for commonly-used files.
- Set the CacheMount Volume as a content source, and you can browse contents on the cloud in multimedia applications.



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Smoothly Upgrade from Media Library to Multimedia Console

Upgrade to
Multimedia Console



Photo



Video



Music



Upgrade to content
sources for each
application based
on folder properties.

Photo
Station



QuMagie

Video Station



Music Station



DLNA



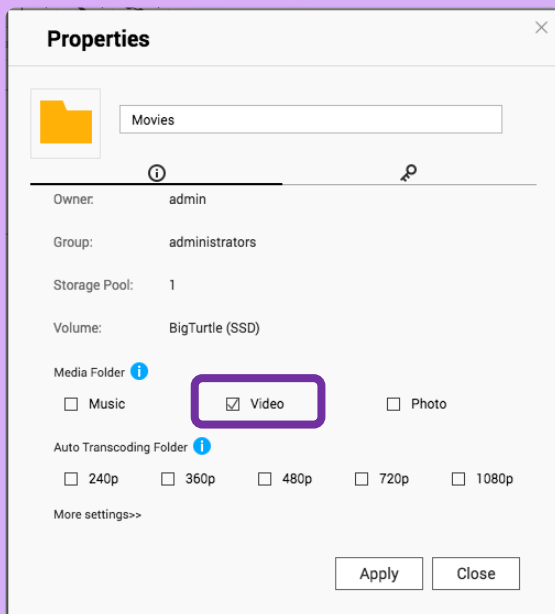
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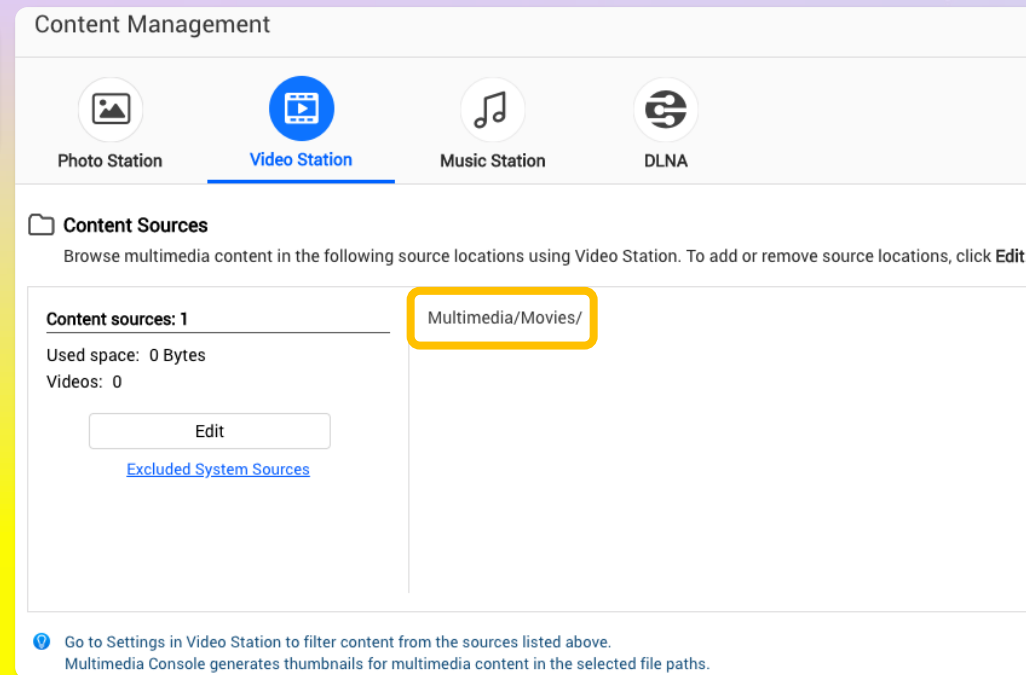


Smoothly Upgrade from Media Library to Multimedia Console

Before



After



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Folder Properties: "Video"

Assigned as a content source for Video Station



Want to know what NAS silently pays for you? Overview page tells you.

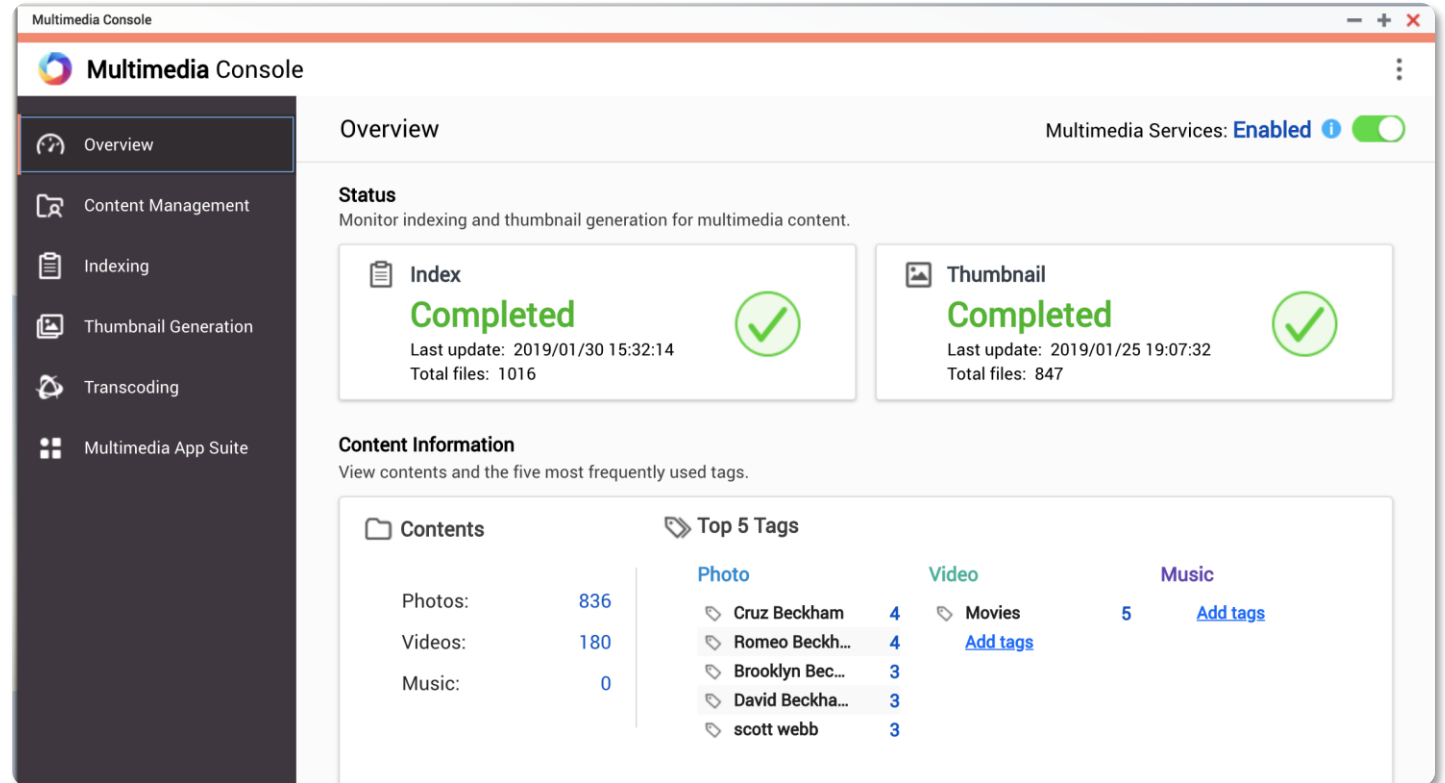
Overview all multimedia background tasks.
Find settings in just 1 click.

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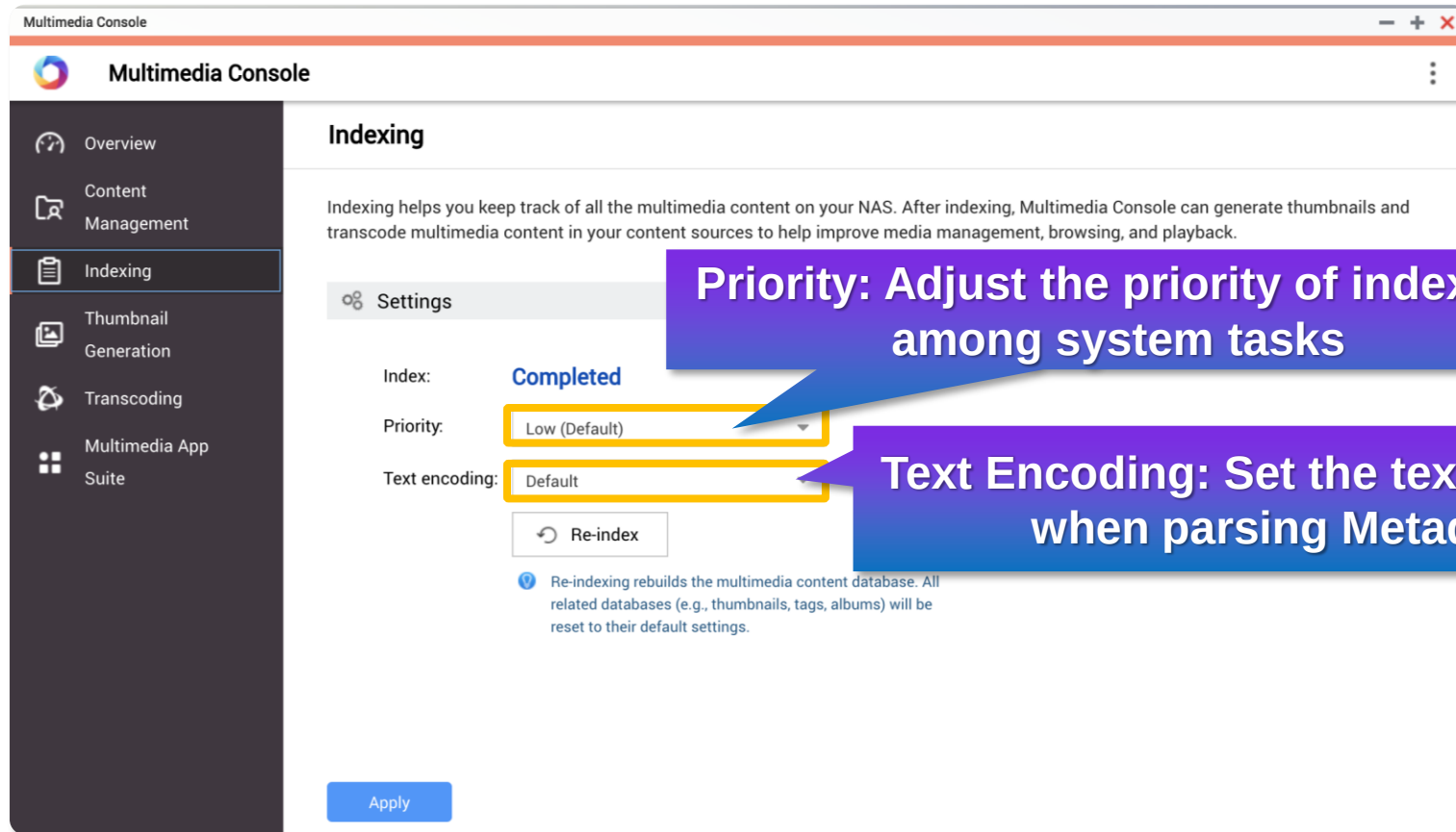
Status Overview at a Glance

- Monitor indexing status, view composition of all multimedia contents.
- Monitor thumbnail generation status, the key role that improves browsing experience.
- The main switch for multimedia services. Control all in just 1 click.



Indexing: Keep Track of all the Multimedia Content

After indexing, Multimedia Console can generate thumbnails and transcode multimedia content to improve browsing and playback experience.



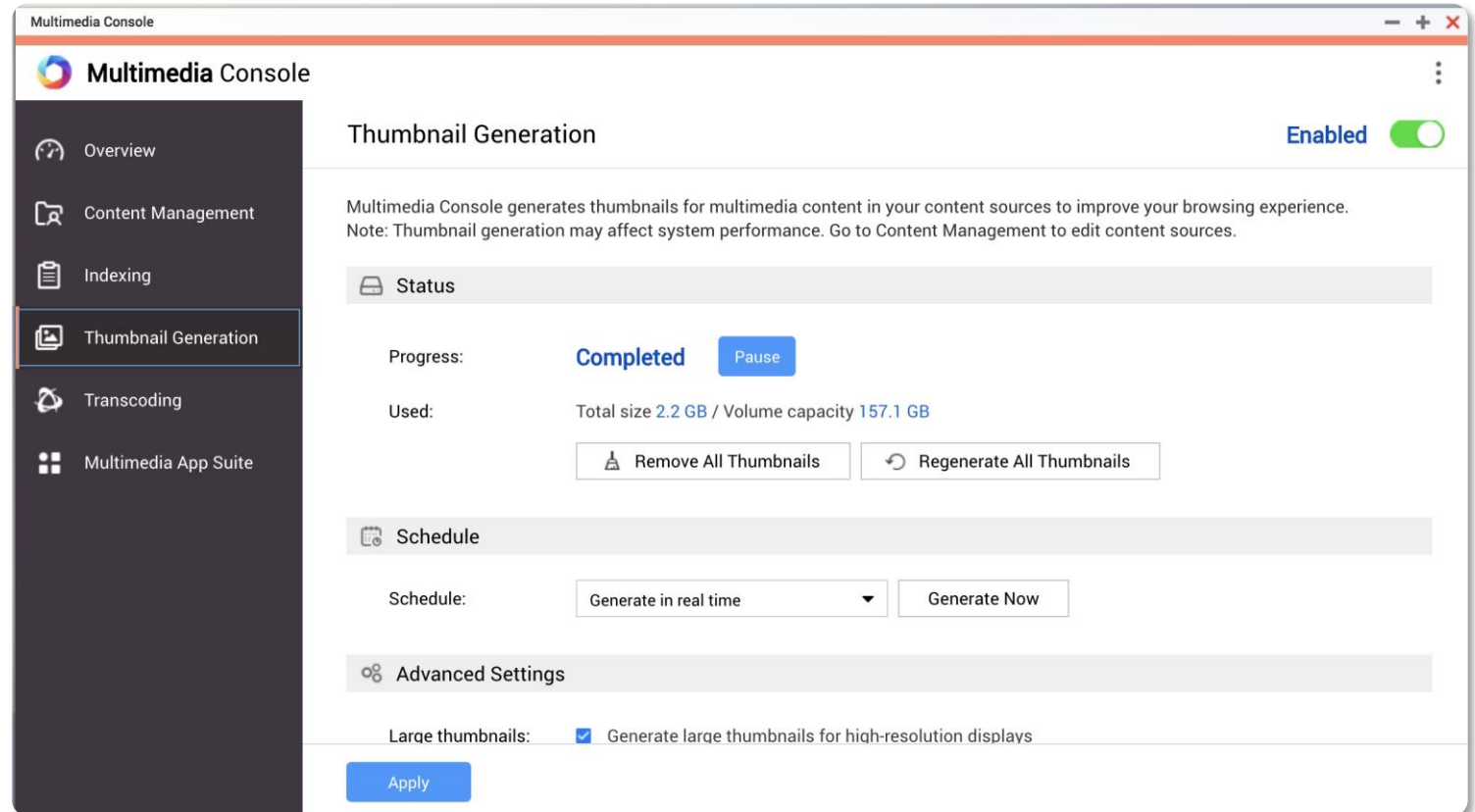
Priority: Adjust the priority of indexing among system tasks

Text Encoding: Set the text encoding when parsing Metadata

Thumbnail Generation: Improve Your Browsing Experience

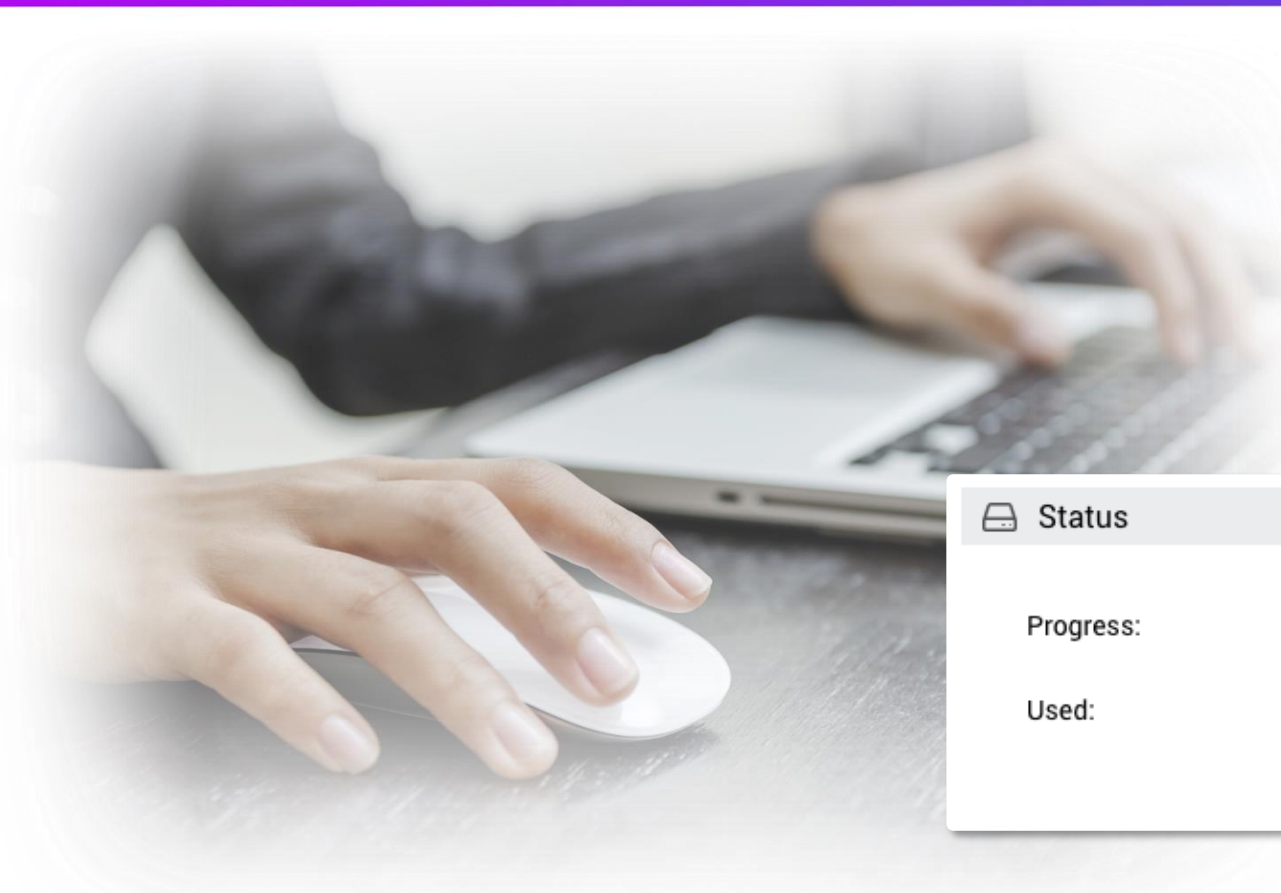
With thumbnails, browsing multimedia content is even more exciting.

- Monitoring and controlling thumbnail generation
- Scheduling for thumbnail generation
- Advanced Settings:
 - ◆ Make a large thumbnail
 - ◆ Exclude specified files from generating thumbnails



Monitoring and Controlling Thumbnail Generation

- ◆ Generation progress
- ◆ Pause / Resume generation
- ◆ Total size of thumbnails
- ◆ Remove / Regenerate all thumbnails



 Status

Progress: **Completed** [Pause](#)

Used: Total size **2.2 GB** / Volume capacity **157.1 GB**

[!\[\]\(1f875e8ff0db454eb302861a56ff194f_img.jpg\) Remove All Thumbnails](#) [!\[\]\(05604d380e755a92e3161ab249a7c58e_img.jpg\) Regenerate All Thumbnails](#)

Generate in Real Time

Generate using Schedule

Generate Manually

The screenshot shows the 'Schedule' dropdown menu in the 'Advanced Settings' panel. The menu is open, displaying a list of scheduling options. The 'Every day' option is currently selected and highlighted in blue. Other options include 'Every weekend', 'Every weekday', 'Every Sunday', 'Every Monday', 'Every Tuesday', 'Every Wednesday', 'Every Thursday', and 'Every Friday'. The 'Schedule' button is highlighted with an orange border.

Schedule

Schedule:

Generate in real time

Generate in real time

Generate using schedule

Generate manually

Generate Now

Advanced Settings

Large thumbnails:

Generate large thumbnails for high-resolution displays

Advanced Settings

- ◆ Generate large thumbnails for high-resolution displays
- ◆ Thumbnail image quality
- ◆ Set files from generating thumbnails
 - Specific file size
 - Specific file types

 Advanced Settings

Large thumbnails: ☒ Generate large thumbnails for high-resolution displays

 Generate large thumbnails (2160 px) for a clear, high-quality image on 4K displays.

Image quality: High  [See the difference](#)

Excluded file sizes: Width: Less than 400   pixels

Height: Less than 400   pixels

 Multimedia Console will not generate thumbnails for images smaller than the specified size.

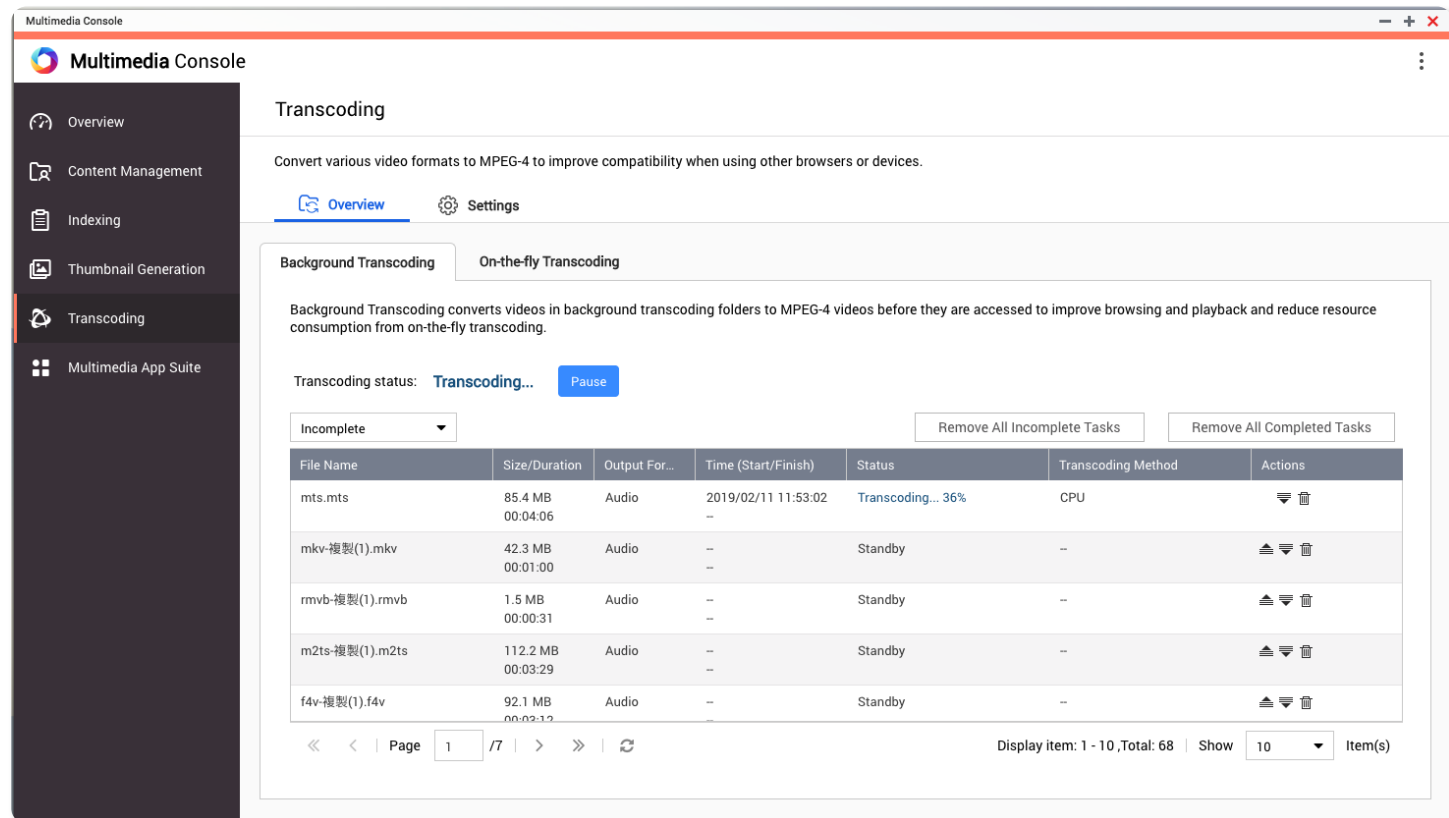
Excluded file types: .dts ✕ .ac3 ✕  Add

 Thumbnails will not be generated for the selected file types.

Transcoding: Improve Compatibility when playing videos

Convert various video formats to MPEG-4, so that they can be played on different devices.

- ◆ Monitoring and controlling transcoding:
 - Background transcoding
 - On-the-fly transcoding
- ◆ Transcoding settings:
 - Transcoding resources
 - Background transcoding folders



The screenshot displays the 'Multimedia Console' interface, specifically the 'Transcoding' section. The left sidebar contains navigation options: Overview, Content Management, Indexing, Thumbnail Generation, Transcoding (selected), and Multimedia App Suite. The main content area is titled 'Transcoding' and includes a description: 'Convert various video formats to MPEG-4 to improve compatibility when using other browsers or devices.' Below this, there are tabs for 'Overview' and 'Settings'. The 'Overview' tab is active, showing a 'Background Transcoding' section with a description: 'Background Transcoding converts videos in background transcoding folders to MPEG-4 videos before they are accessed to improve browsing and playback and reduce resource consumption from on-the-fly transcoding.' A 'Transcoding status' section shows 'Transcoding...' with a 'Pause' button. Below this is a table of transcoding tasks. The table has columns: File Name, Size/Duration, Output For..., Time (Start/Finish), Status, Transcoding Method, and Actions. The first row shows 'mts.mts' with a size of 85.4 MB and a duration of 00:04:06, currently in 'Transcoding... 36%' status using the 'CPU' method. The other rows show files in 'Standby' status. At the bottom, there are pagination controls showing 'Page 1' and a 'Display item: 1 - 10, Total: 68' summary.

File Name	Size/Duration	Output For...	Time (Start/Finish)	Status	Transcoding Method	Actions
mts.mts	85.4 MB 00:04:06	Audio	2019/02/11 11:53:02 --	Transcoding... 36%	CPU	⬇️ 🗑️
mkv-複製(1).mkv	42.3 MB 00:01:00	Audio	-- --	Standby	--	⬆️ ⬇️ 🗑️
rmvb-複製(1).rmvb	1.5 MB 00:00:31	Audio	-- --	Standby	--	⬆️ ⬇️ 🗑️
m2ts-複製(1).m2ts	112.2 MB 00:03:29	Audio	-- --	Standby	--	⬆️ ⬇️ 🗑️
f4v-複製(1).f4v	92.1 MB 00:02:12	Audio	-- --	Standby	--	⬆️ ⬇️ 🗑️



Choose different transcoding based on hardware specifications and usage

Background Transcoding

- Assign Background Transcoding folders to transcode videos in advance.
- Transcoded videos are saved in “@Transcode” folder located in the original folder.
- Support transcoding from videos to audios.
- Suitable for users with sufficient storage space or slow on-the-fly transcoding performance.

On-the-fly Transcoding

- Transcode videos in real time during playback.
- Suitable for users with fast on-the-fly transcoding performance, insufficient storage space, or infrequent video playback.

Background Transcoding

On-the-fly Transcoding

Background Transcoding converts videos in background transcoding folders to MPEG-4 videos before they are accessed to improve browsing consumption from on-the-fly transcoding.

Transcoding status: **Transcoding...** Pause

Incomplete

Remove All Incomplete Tasks

File Name	Size/Duration	Output For...	Time (Start/Finish)	Status	Transcoding Method
mts.mts	85.4 MB 00:04:06	Audio	2019/02/11 11:53:02 --	Transcoding... 36%	CPU



NEW

Video2Audio Transcoding

**Designed for videos that could be “heard”:
Speeches, lectures, tutorials, etc.**

Reduce the file size Can be played while driving or commuting

◆ Usage :

Select “Audio” as the output format when setting background transcoding folders.

Transcoded audios are saved in “Video2Audio” folder located in the original folder.

Overview Settings

Background Transcoding Folders
When a folder is set as a background transcoding folder, all files in the folder will be transcoded automatically as part of the background transcoding task. You can select the scanning schedule and output format for transcoded files.

Schedule: Scan in real time (dropdown) Scan Now (button)

☐	Folder Path	Audio	240p	360p
☐	Multimedia/Videos/360 Video/	☐	☒	☐
☐	Public/	☒	☒	☒

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Demo

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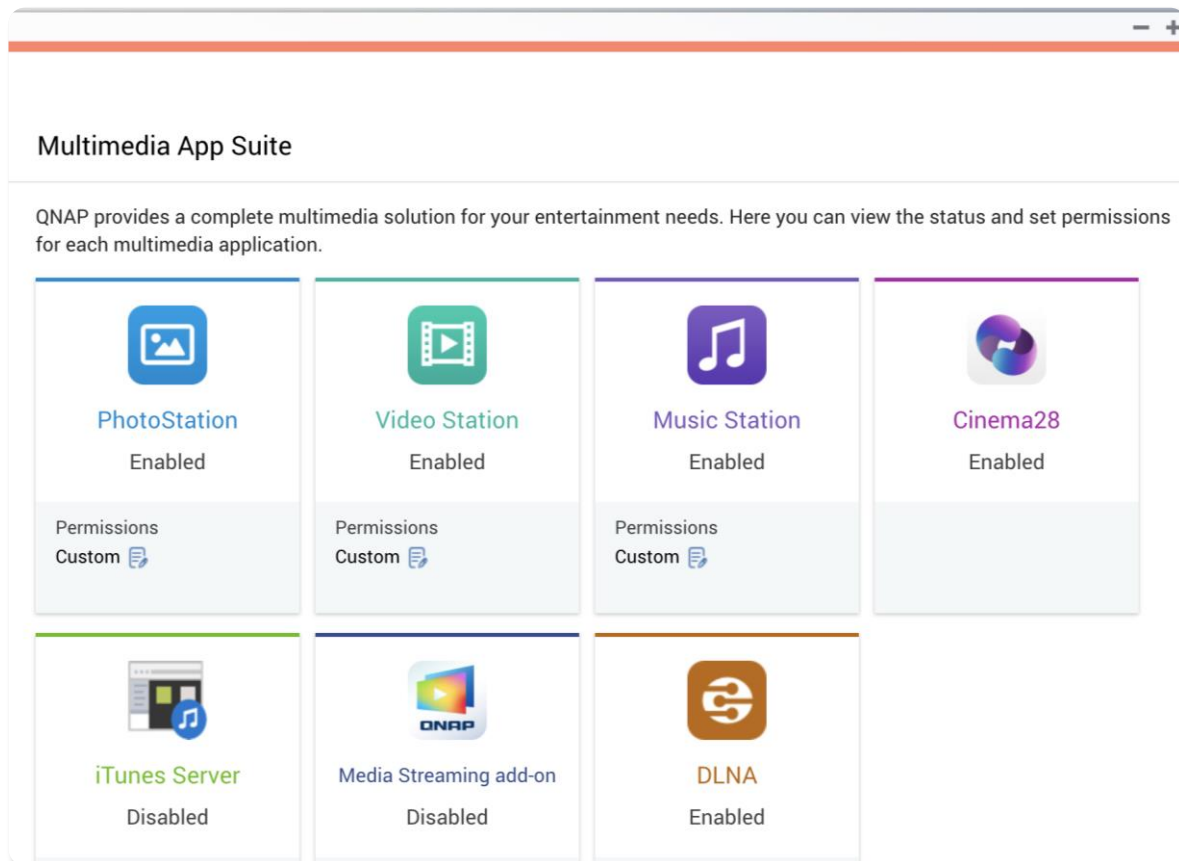
Want to control all the multimedia services? Go to App Suite page.

Overview installation, enablement and permission settings of multimedia applications in 1 page

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Complete Multimedia Solution on QTS



- ◆ Managing and browsing photos, videos, and music :

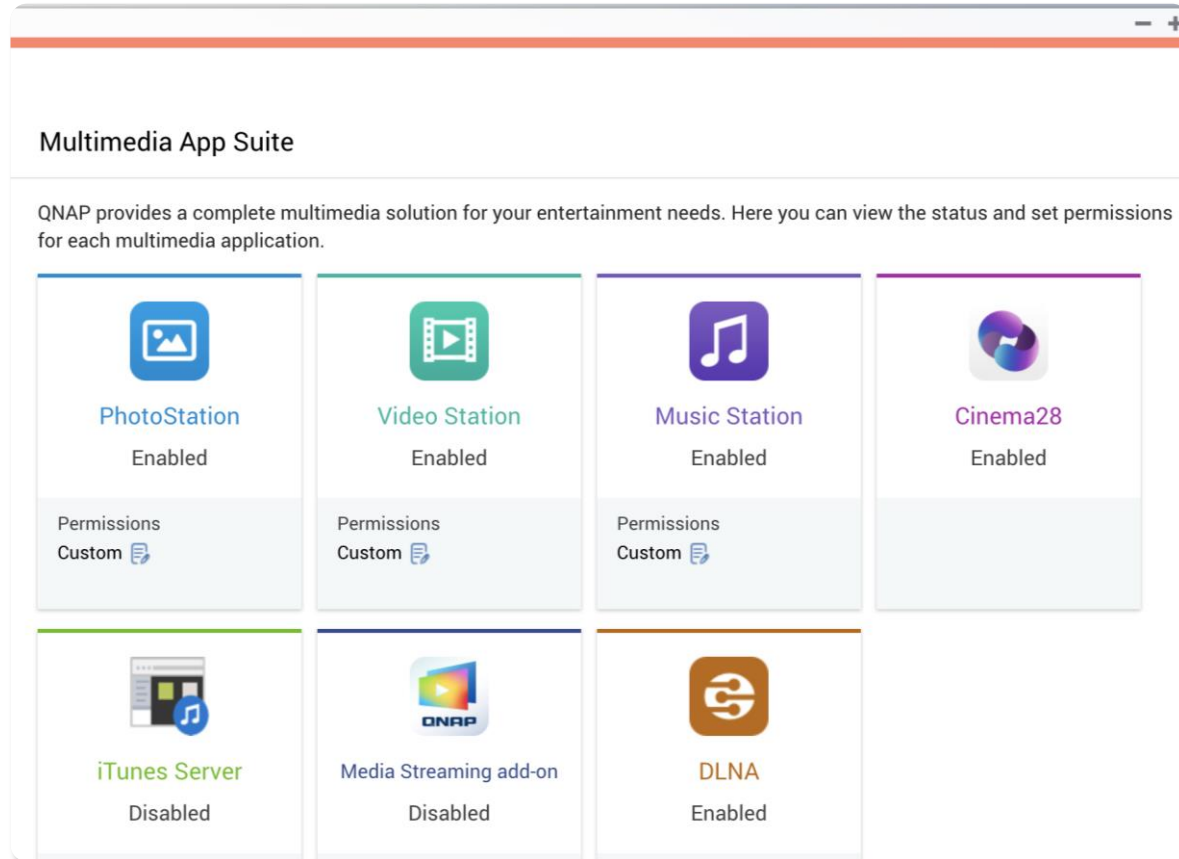
QuMagie, Photo Station, Video Station, Music Station

- ◆ Video and audio streaming :

Media Streaming Add-on, Cinema28, DLNA Server, iTunes Server



All Multimedia Services at a Glance



List the status of all multimedia services on QTS

- ◆ Install and enable status
- ◆ Permission settings



Intuitive Permission Settings

Set permissions of different multimedia applications for local or domain users.

Video Station Permission Settings

Permissions Custom

LocalDomain

Deny access to selected users and groups

Allow access to selected users and groups

Local Groups

Search

Username	Current Access
administrators	Allow
everyone	Allow

Add >>

Selected Users/Groups

Delete

Delete All

Save

Close

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Highlight

- ◆ **Set the folder as a content source so that multimedia content is no longer invisible.**
 - Set content sources for all multimedia applications at once
 - Smoothly upgrade from Media Library to Multimedia Console
- ◆ **Overview all multimedia background tasks. Find settings in just 1 click.**
 - Overview indexing, thumbnail generation and transcoding status and settings
- ◆ **Overview installation, enablement and permission settings of multimedia applications in 1 page.**
 - Installation and enablement
 - Access permission settings



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Multimedia Console

Your Best Choice!

Coming soon! Will be released with QTS 4.4.1

