Milestone Systems

How to make your own StableFPS stream

XProtect® VMS

milestone

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Prerequisites

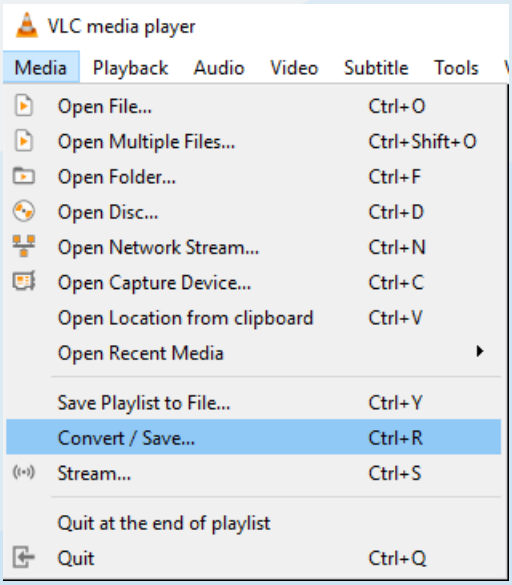
VLC Player

A MP4/avi/mkv video file

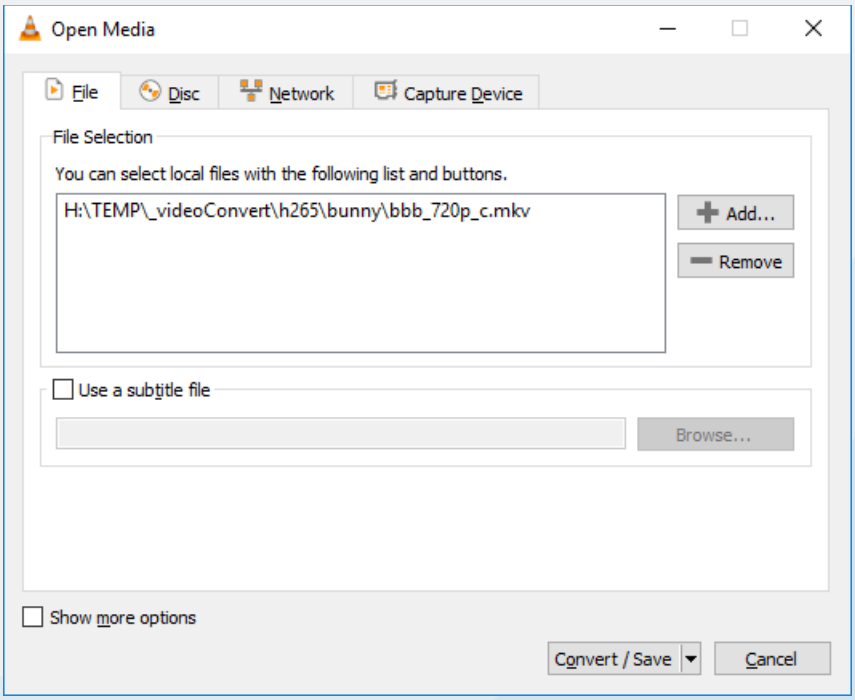
How to convert

Start the VLC Player

1. Go to Media and select Convert / Save or simply press Ctrl+R.



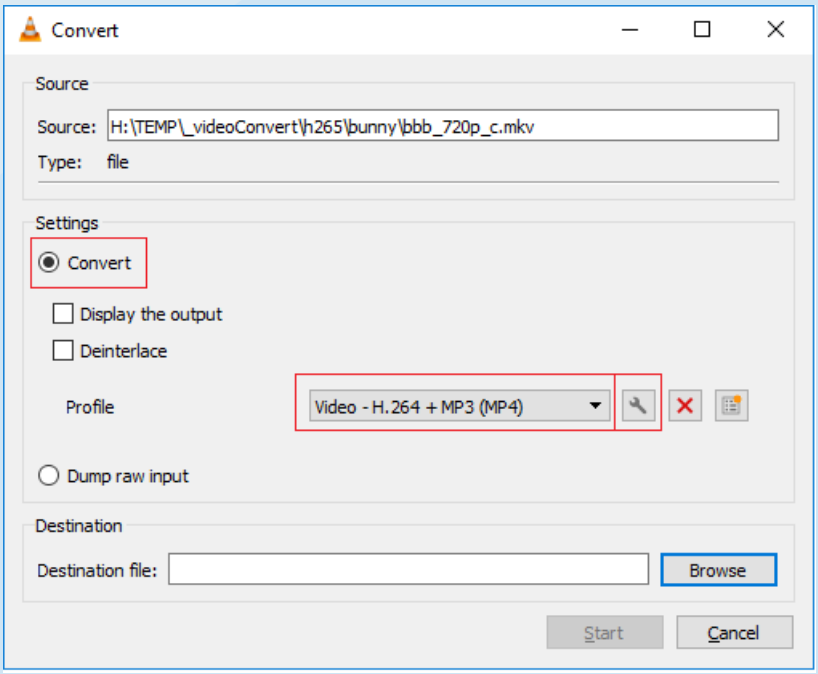
2. In the Open Media window, select the video.mp4 file that you want to use in StableFPS.



3. Click Convert/Save.

   The Convert window appears.

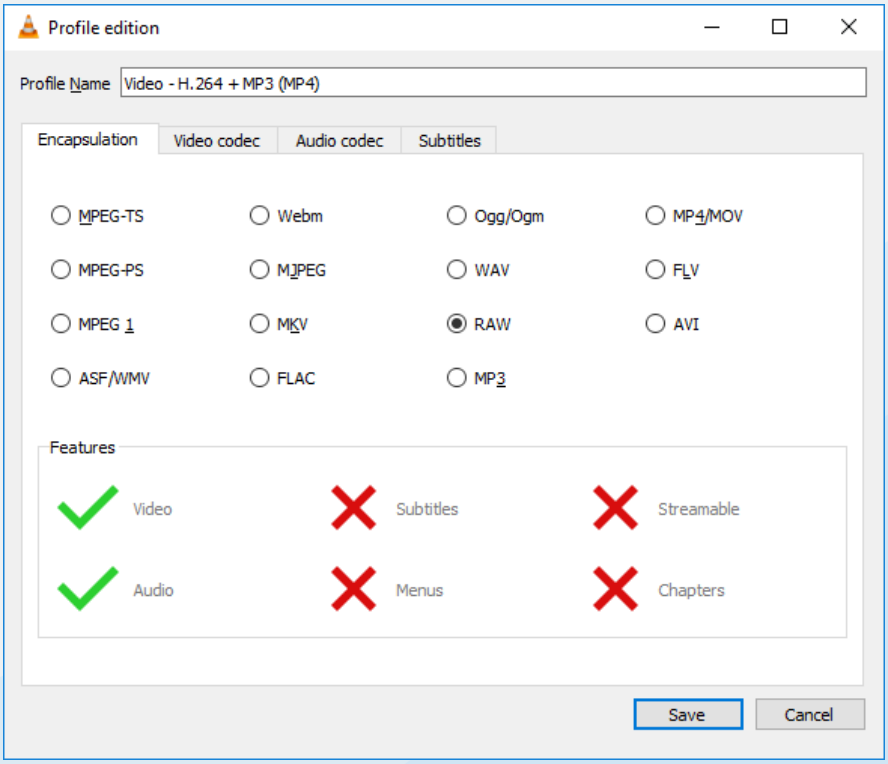
4. In the Profile drop down list, select Video – H.264 + MP3 (MP4).



5. Click the tools button (edit selected profile).

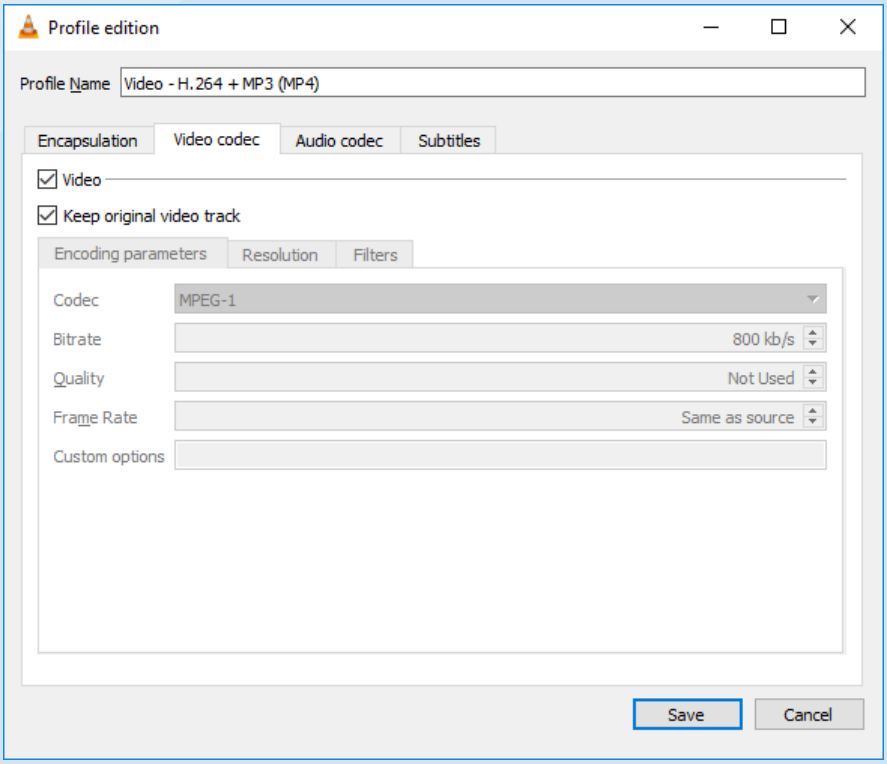
   The Profile edition window appears.

6. On the Encapsulation tab, select RAW as encapsulation.



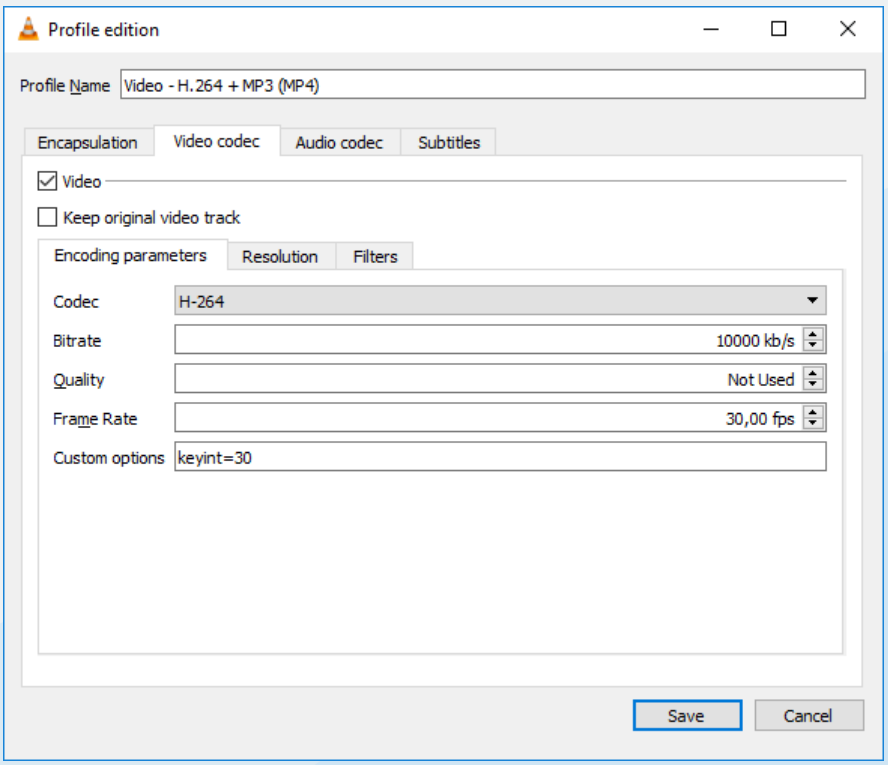
7. Do one of the following:

- Either select Keep original video track on the Video codec tab



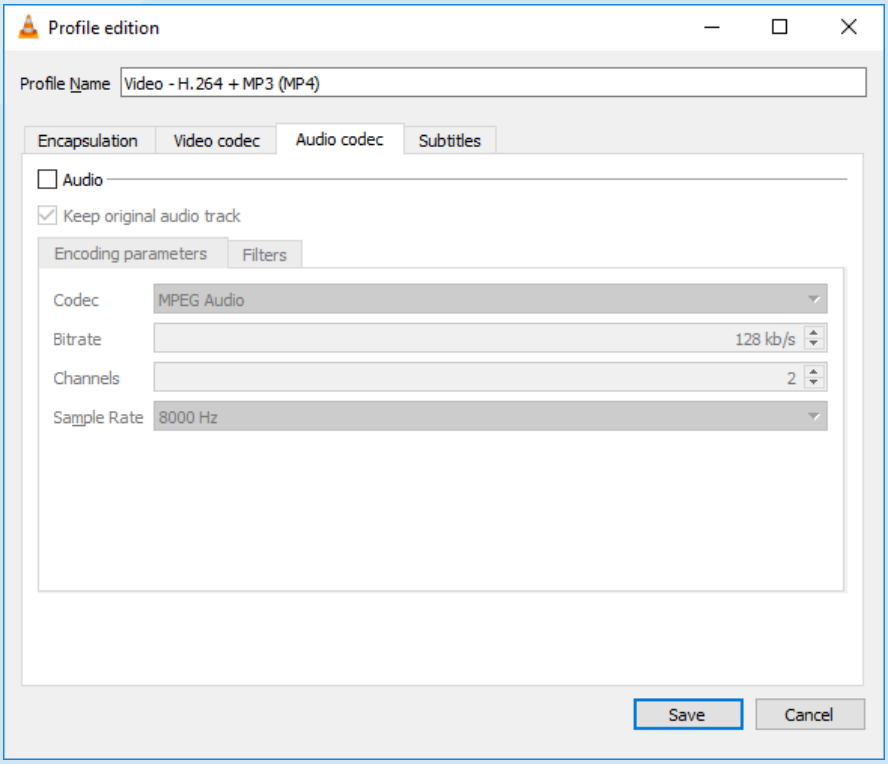
- Or choose to recode by, for example setting the bitrate and frame rate.

It is also possible to set the key frame interval by adding "keyint=30" to the Custom options field. For normal videos you should set the key frame interval equal to the frame rate.

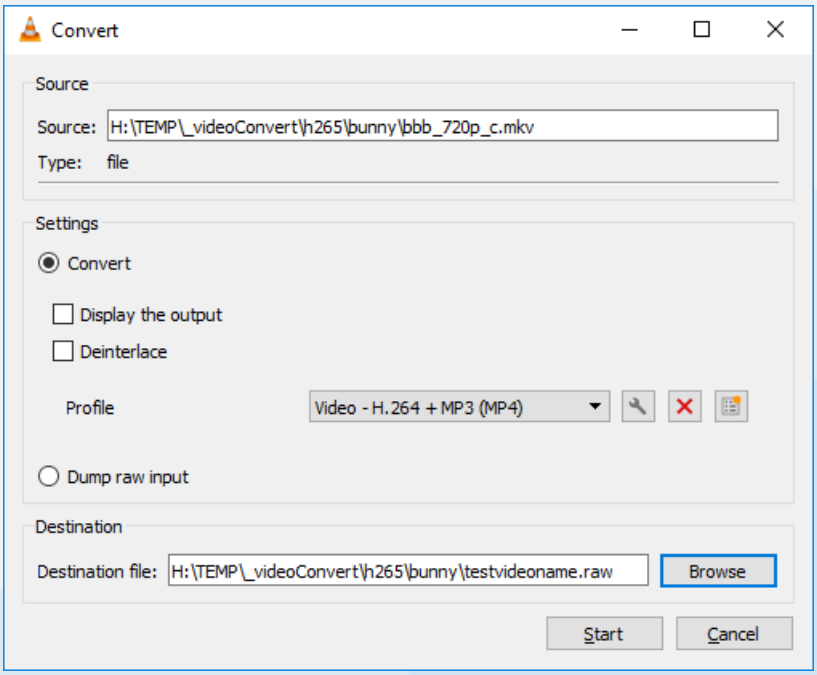


If you want to transcode video to another codec, choose the codec in the Codec drop down list (MJPEG/H264/H265)

8. On the Audio codec tab, clear all of the options (clear the Audio check box).



9. Click Save.
10. In the Convert window, under Destination, give the video the filename that you want to have in StableFPS.



11. Click Start.

You now have a file with the .raw extension.

Delete the extension.

Copy the video into the H264/JPEG Stable_Data folder, typically located here:

C:\Program Files (x86)\Milestone\XProtect Recording Server\Drivers\NativeDrivers\StableFPS_DATA\H264(or JPEG)

About Milestone Systems

Milestone Systems is a leading provider of open platform video management software; technology that helps the world see how to ensure safety, protect assets and increase business efficiency. Milestone enables an open platform community that drives collaboration and innovation in the development and use of network video technology, with reliable and scalable solutions that are proven in more than 150,000 sites worldwide. Founded in 1998, Milestone is a stand-alone company in the Canon Group. For more information, visit: http://www.milestonesys.com.