

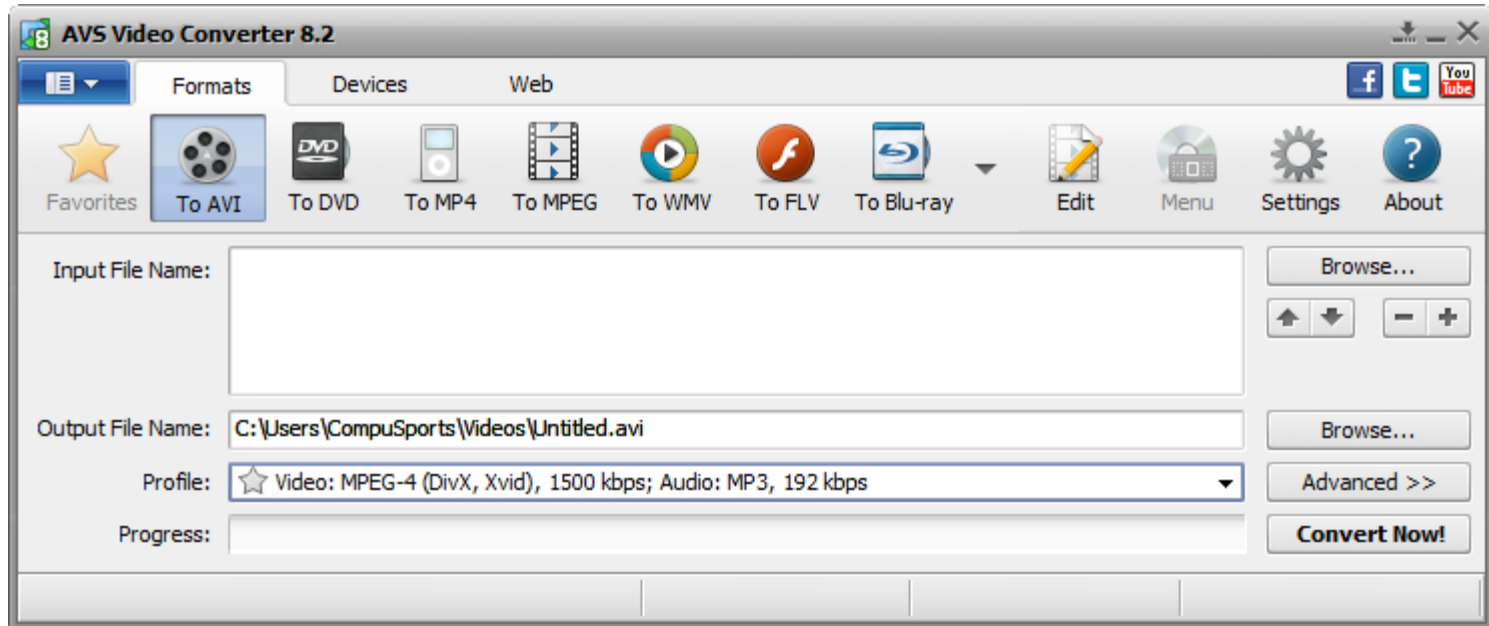
Using the AVS Video Converter

Convert a folder of AVCHD M2TS video clips to AVI

Produced by CompuSports
www.compuports.com

The AVS Main Screen

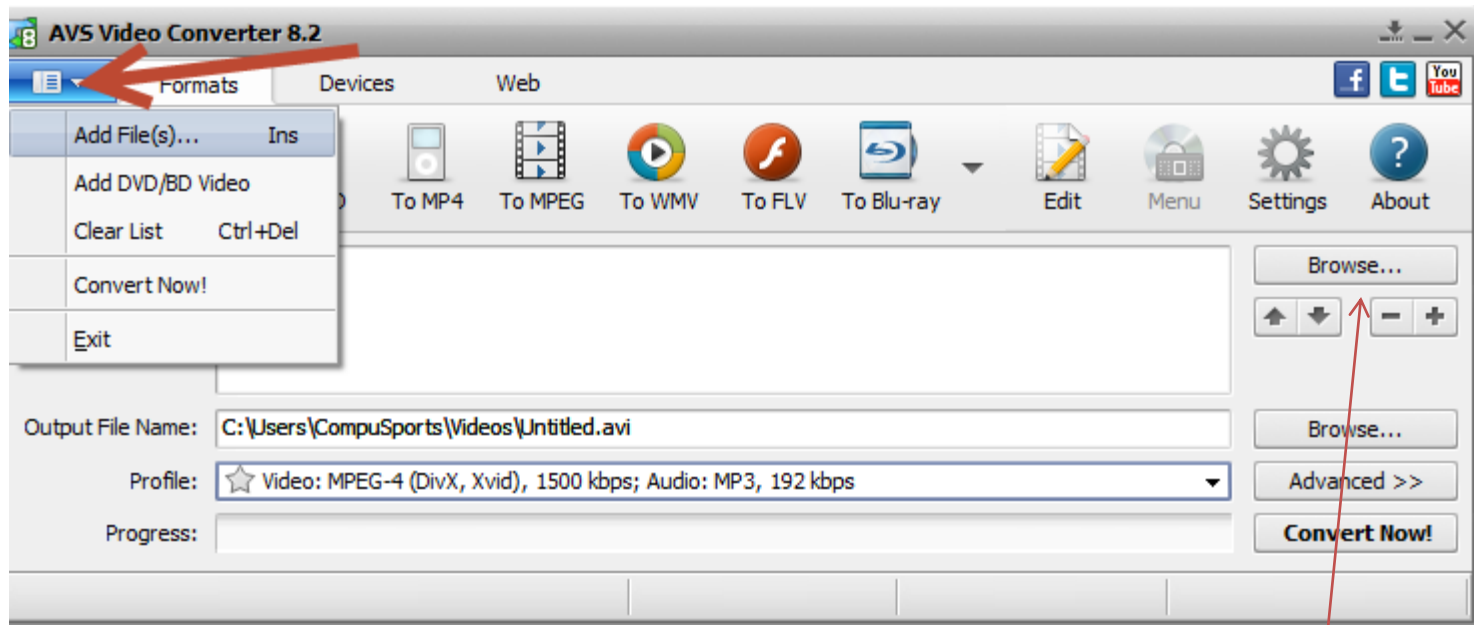
The AVS Video Converter is simple, flexible and powerful.
Converting jobs usually take 3 steps ...sometimes LESS !



Step 1 – select the Input File Name (or group of files) to be converted

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Use the Dropdown menu (Upper Left) to select Video files or DVDs to Convert (AVS refers to this as the Input file or folder)



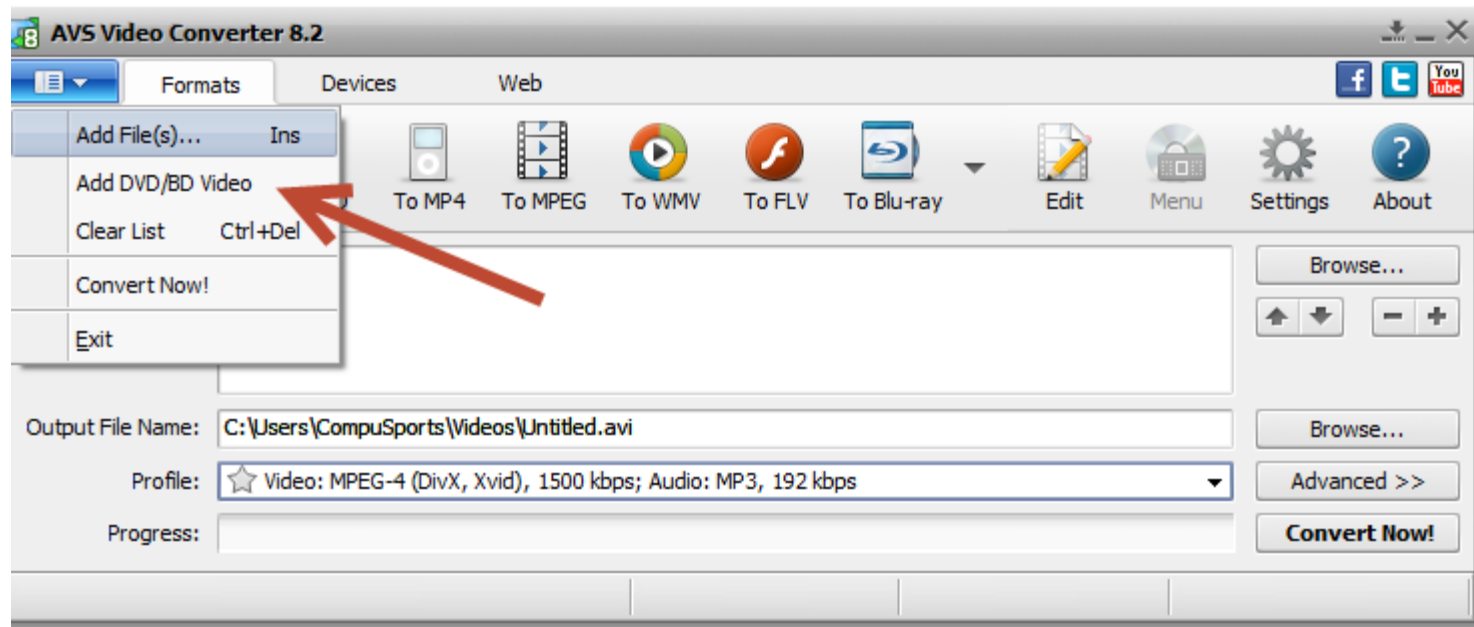
AVS can convert individual files, groups of files or an entire DVD.

- To convert a DVD, **Select ADD DVD/DB Video**
- To convert individual files, **Select Add File(s)**

Alternatively, click the upper Browse button in the right column to set your input file source as either a DVD or video file(s).

Step 1 – Select the Input File Name (or group of files) to be converted

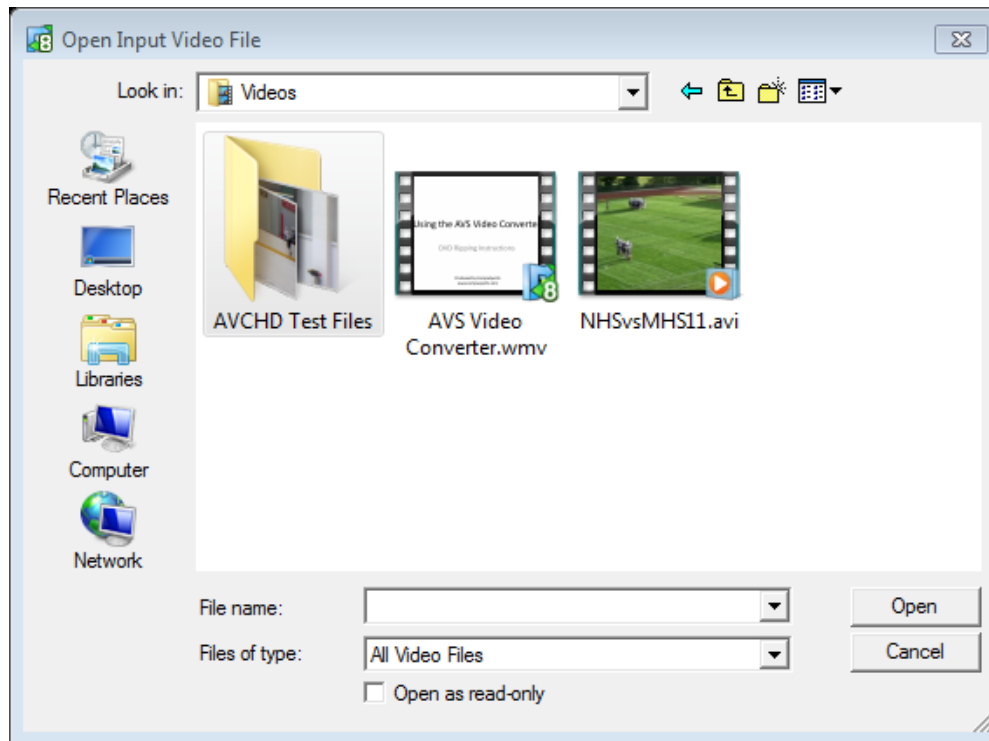
In this demonstration, we will use AVS to convert individual files.



* See our other Demonstration if you want to Convert a DVD or Blue Ray DVD (BD)

Step 1 – Select the Input File Name (or group of files) to be converted

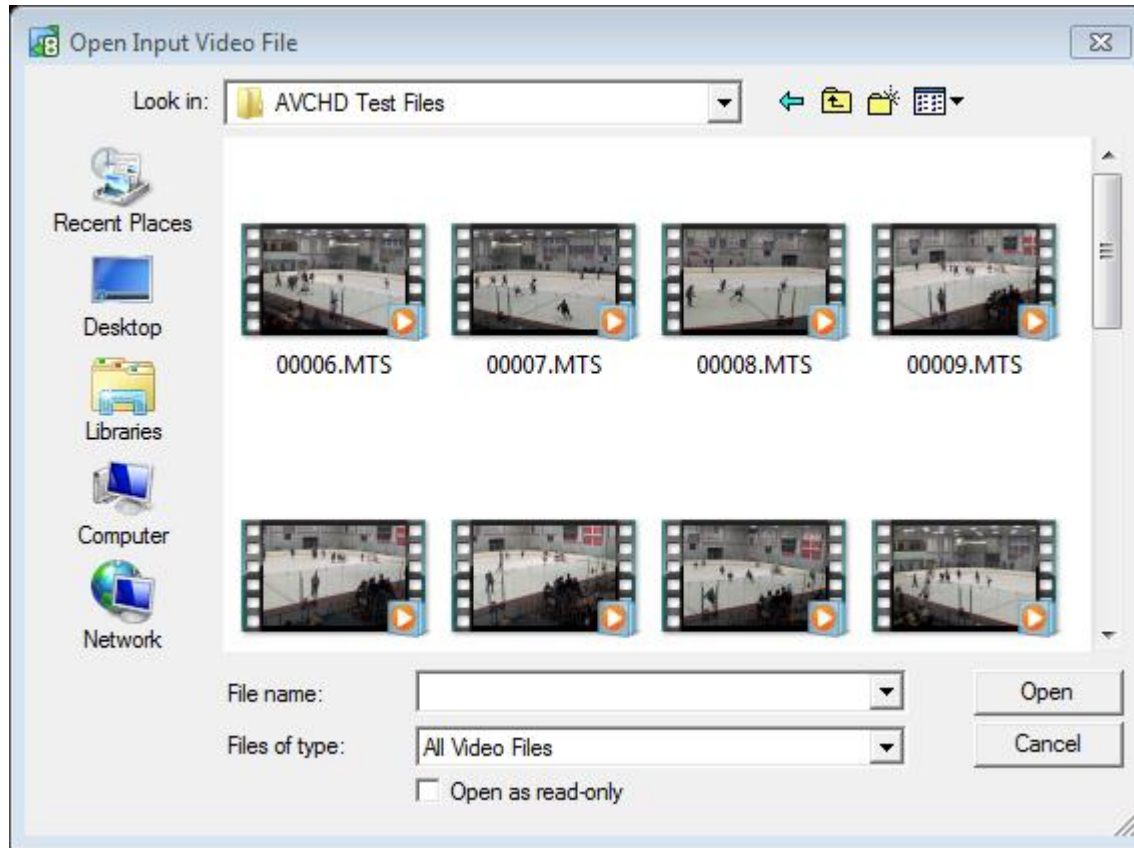
The dialog box shown below is used to navigate to the correct location of the videos to be converted where one or more video files can be selected.



Lets open the AVCHD Test files folder by selecting it and clicking Open (or by double clicking on it)

Step 1 – Select the Input File Name (or group of files) to be converted

With the correct video clips displayed, it is now possible to select one or more clips to be converted. We can do this in a number of ways, but for simplicity sake, let's select all of the clips that are in the folder.

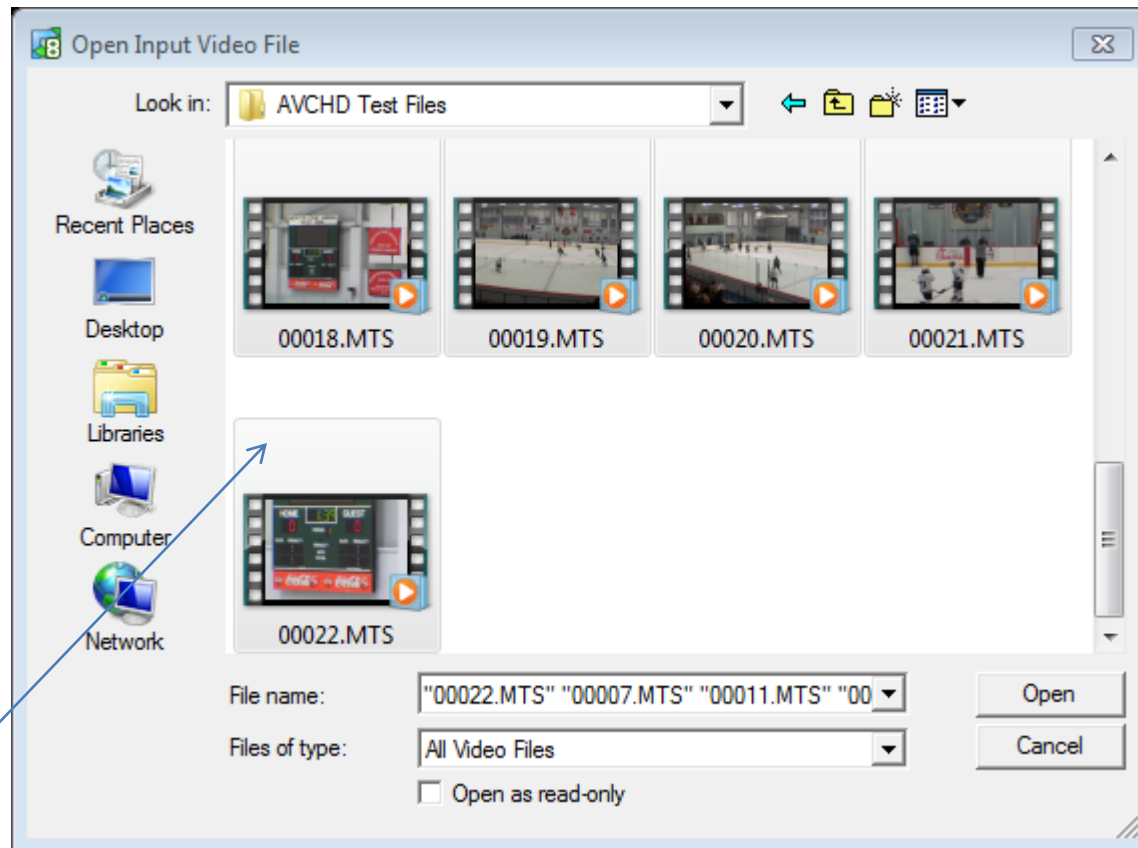


* This is realistic if best practices are used for folder management – specifically naming the folder with a name that describes the video clips that are inside

Step 1 – Select the Input File Name (or group of files) to be converted

To Select All of the Clips in a folder:

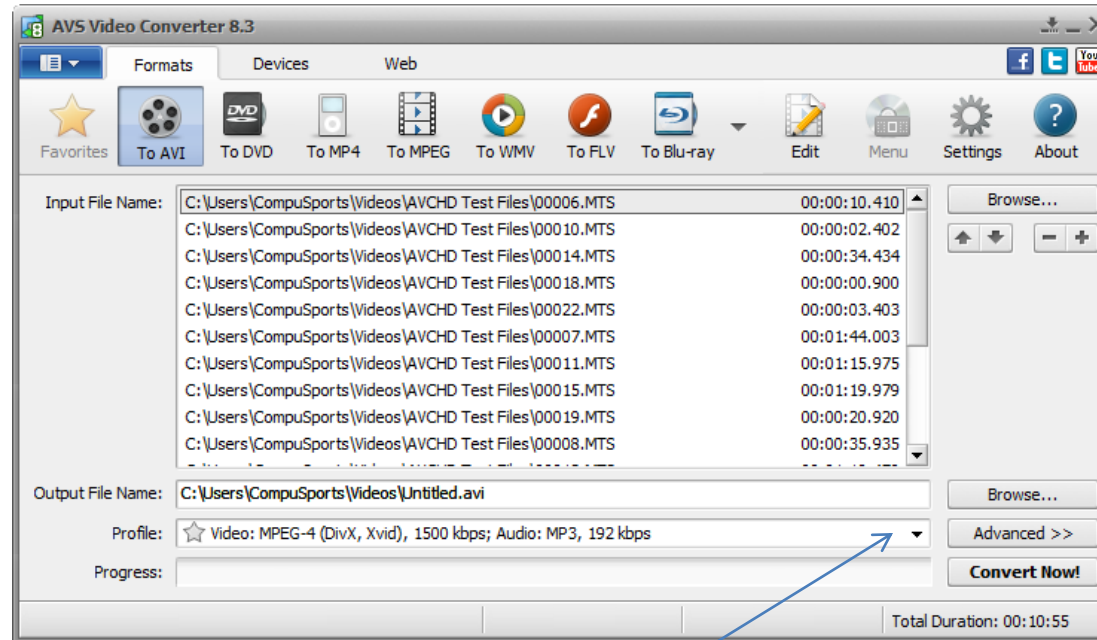
- Left Click on the first clip that is shown
- Pulling the scroll bar down to reveal the last clip in the folder
- Hold down the Shift Key and Left Click on the last clip that is shown



* Notice the ***shading around the selected clips*** AND that ***file names have been inserted in the list at the bottom of the screen***. Click Open to complete Step 1

Step 2 – Verify/Change the Video Output File Name and Location AND the Video Profile

* A profile controls the type of video that will be created. By default, the To AVI button on the AVS Toolbar should be selected. See below for more on profiles.



* By default, the To AVI button on upper Toolbar should be Selected. To AVI is the default profile .

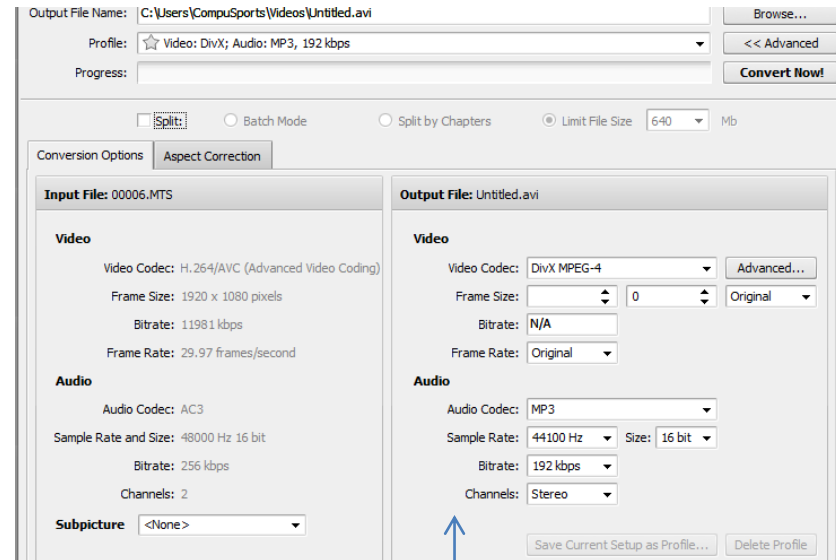
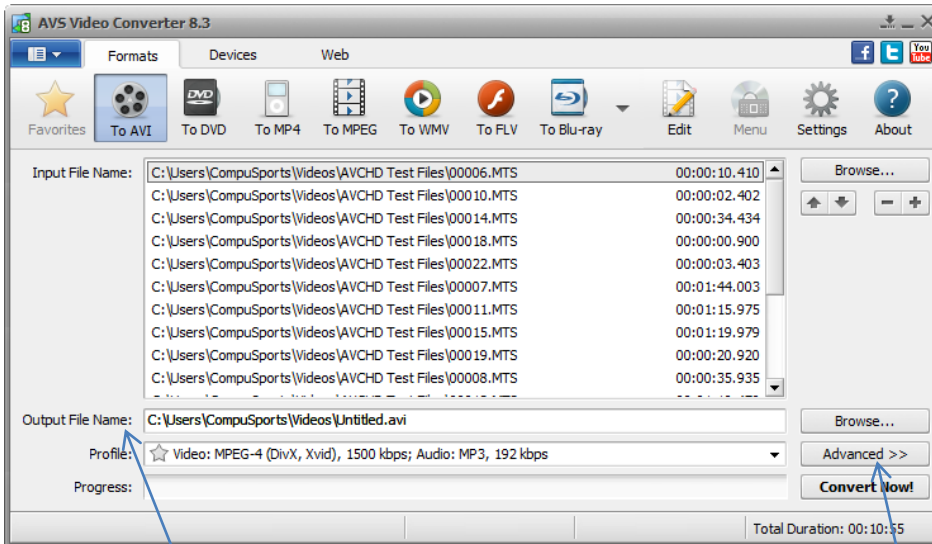
The image to right shows the list of profiles available for AVI files. To expand the Profile list, click the Down Arrow (next to the Advanced button).

There are many video options – for video editing, we recommend the one we selected here - **DivX/Xvid 1500kbps**.



Step 2 – Verify/Change the Video Output File Name and Location AND the Video Profile

THE OUTPUT FILE NAME – In some cases, the Output File name will be set automatically, and it should contain the folder name (also called the path name). Sometimes the Advanced Settings will need to be adjusted and at times it will make sense to create a Custom Profile to avoid having to do this multiple times for similar jobs.

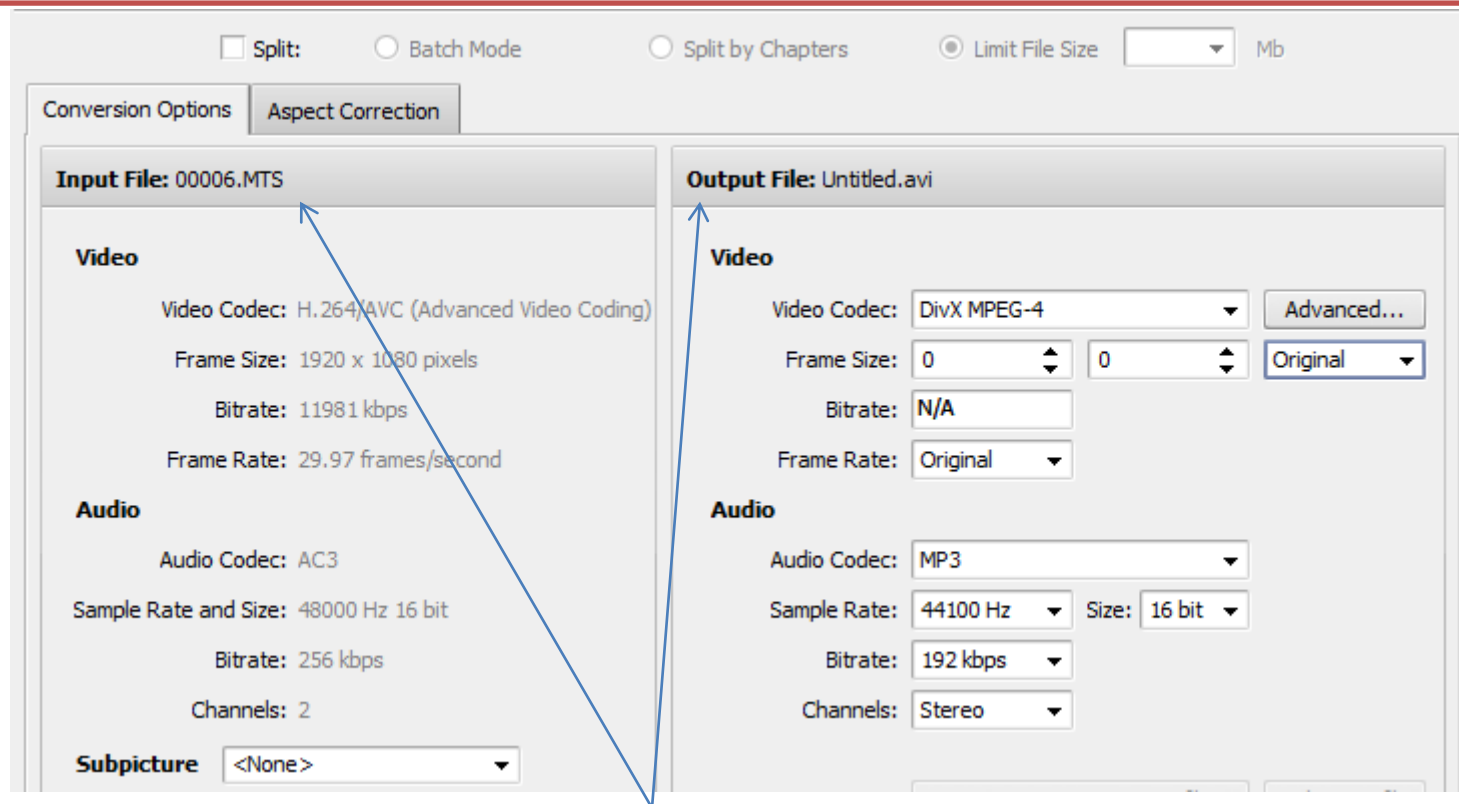


In this case, an Output File Name is assigned : C:\Users\CompuSports\Videos\untitled.avi

Click the Advanced Button to display the Conversion Options screen. The default settings section is displayed.

Step 2 – Verify/Change the Video Output File Name and Location AND the Video Profile

ADVANCED SETTINGS - Adjusting the Default settings and creating a Custom Profile

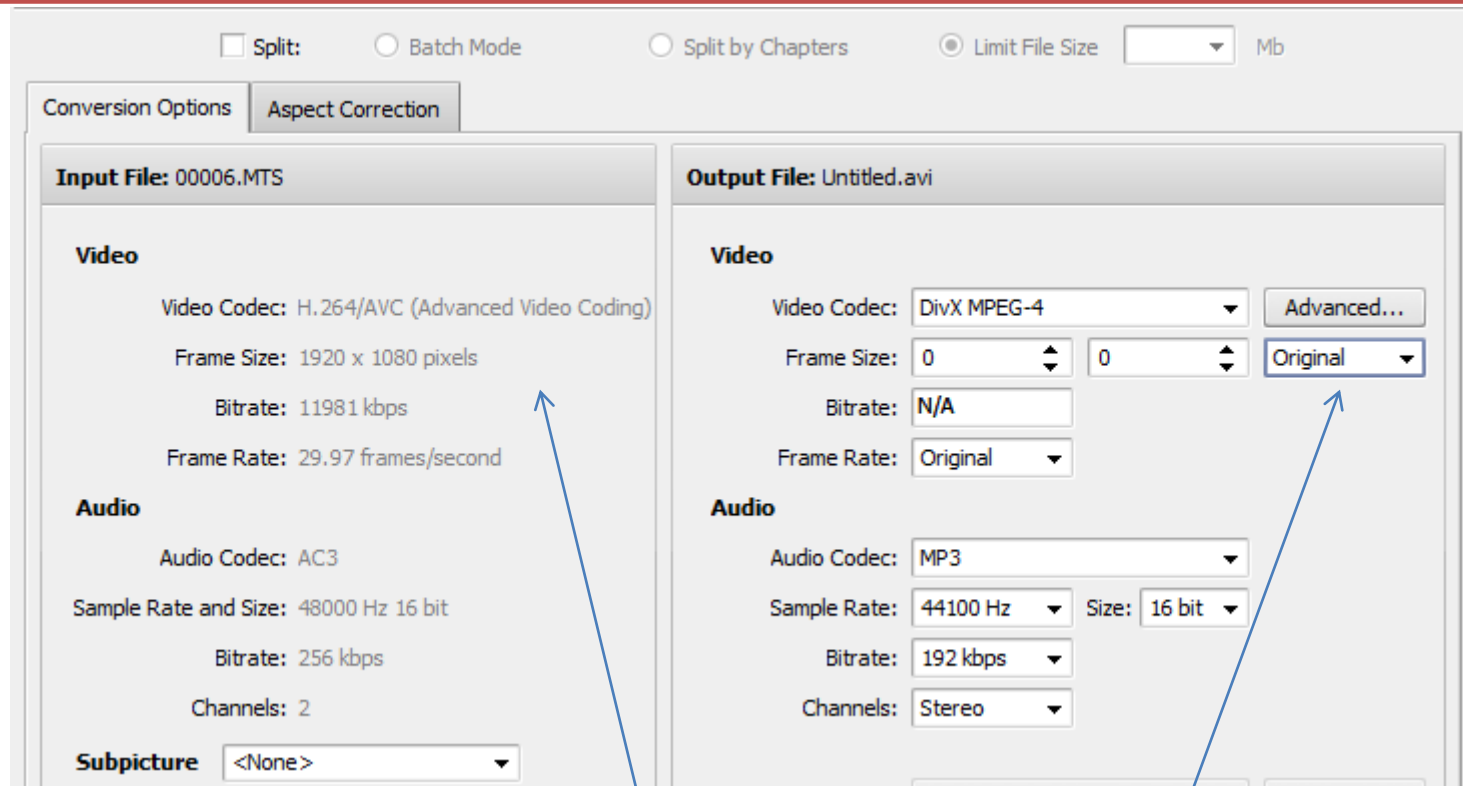


This screen displays the Default Settings in great detail. On the left side is information about the Input file – the one that is going to be converted. Notice that, in the case of an AVCHD file that the Video Codec, Frame Size and Bit rate differ from the standard definition settings – this is shown on the left side of the settings detail screen under Conversion Options.

On the Right side are the settings for the Output file – the file or files that will be created. A Profile contains these settings. For AVCHD files, these settings may need to be changed in order to create video that is compatible with some video editing software. Fortunately, AVS has tools that make it easy to create a compatible file for editing.

Step 2 – Verify/Change the Video Output File Name and Location AND the Video Profile

ADVANCED SETTINGS - Adjusting the Default settings and creating a Custom Profile

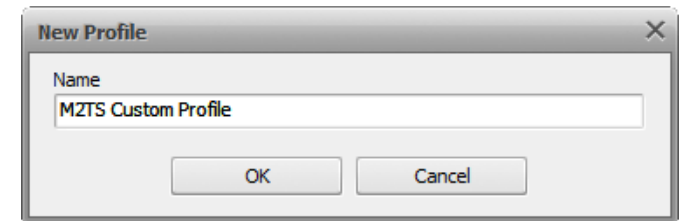
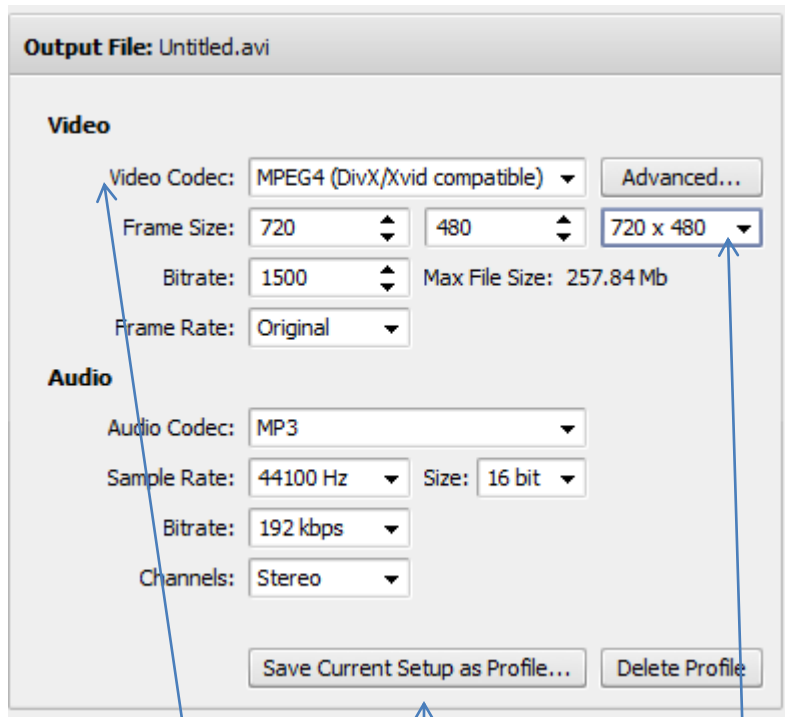


When working with AVCHD M2TS files – typical of many modern HD camcorders, it is likely that the Video Codec, Frame Size and Bit rate will be the same as what is shown on the left side of the Conversion Options screen. These settings differ significantly from Standard Definition settings.

On the Right side of the Conversion Options screen are the settings for the Output file – the file or files that will be created. If these settings are unchanged, it is possible the video clips that are created will not be compatible with software that is not designed to edit SD video . For this reason, AVS has tools that enable us to create an SD compatible file. Click the Drop Down to set the Video Codec and Frame (video) Size.

Step 2 – Verify/Change the Video Output File Name and Location AND the Video Profile

ADVANCED SETTINGS - Adjusting the Default settings and creating a Custom Profile

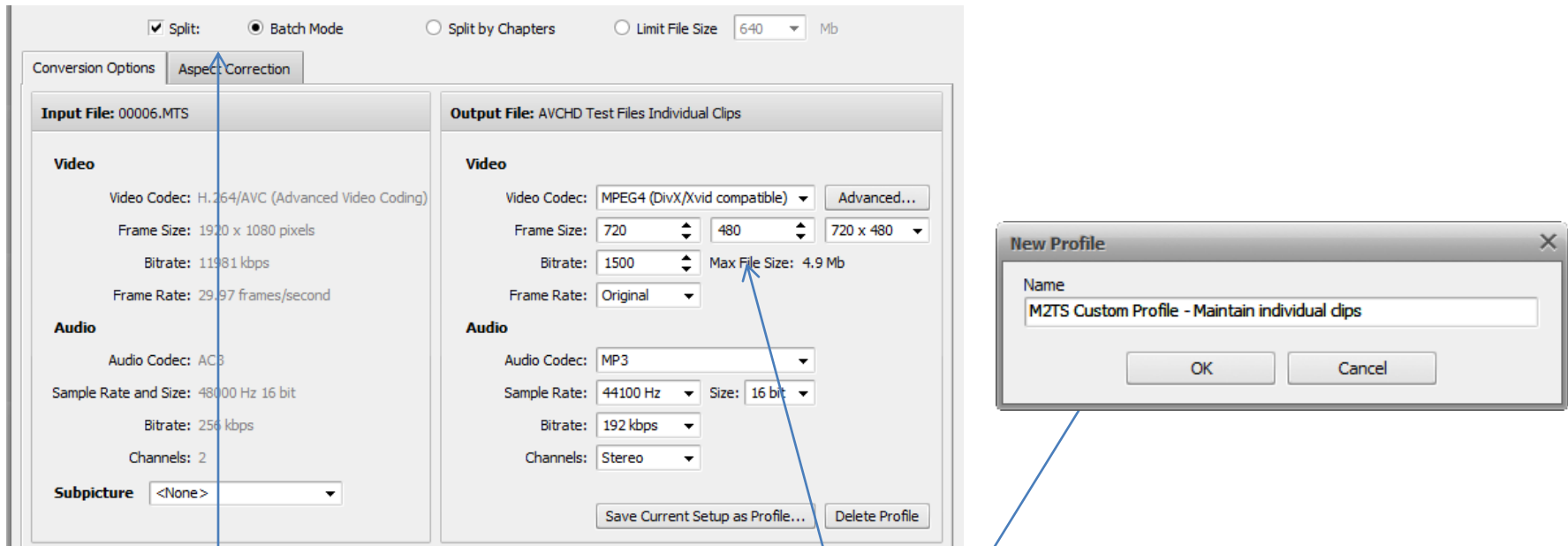


Here we have changed the Video Codec to a common setting. We used the Video Codec drop down list to select MPEG4 (DIVX/XVID compatible). We also used the Frame Size Drop Down to set the Frame Size to 720 x 480 (this may not be necessary in all cases, but is a good practice).

Now we are going to save these settings in a (Custom) Profile. A profile can be used repeatedly to apply specific settings with one single keystroke. To Save the Profile, click **Save Current Setup as a Profile**, and type a name in the dialog box that appears (as shown in the image to the right)

Step 2 – Verify/Change the Video Output File Name and Location AND the Video Profile

ADVANCED SETTINGS - Creating a Custom Profile to Create Individual Clips from AVCHD M2TS Clips



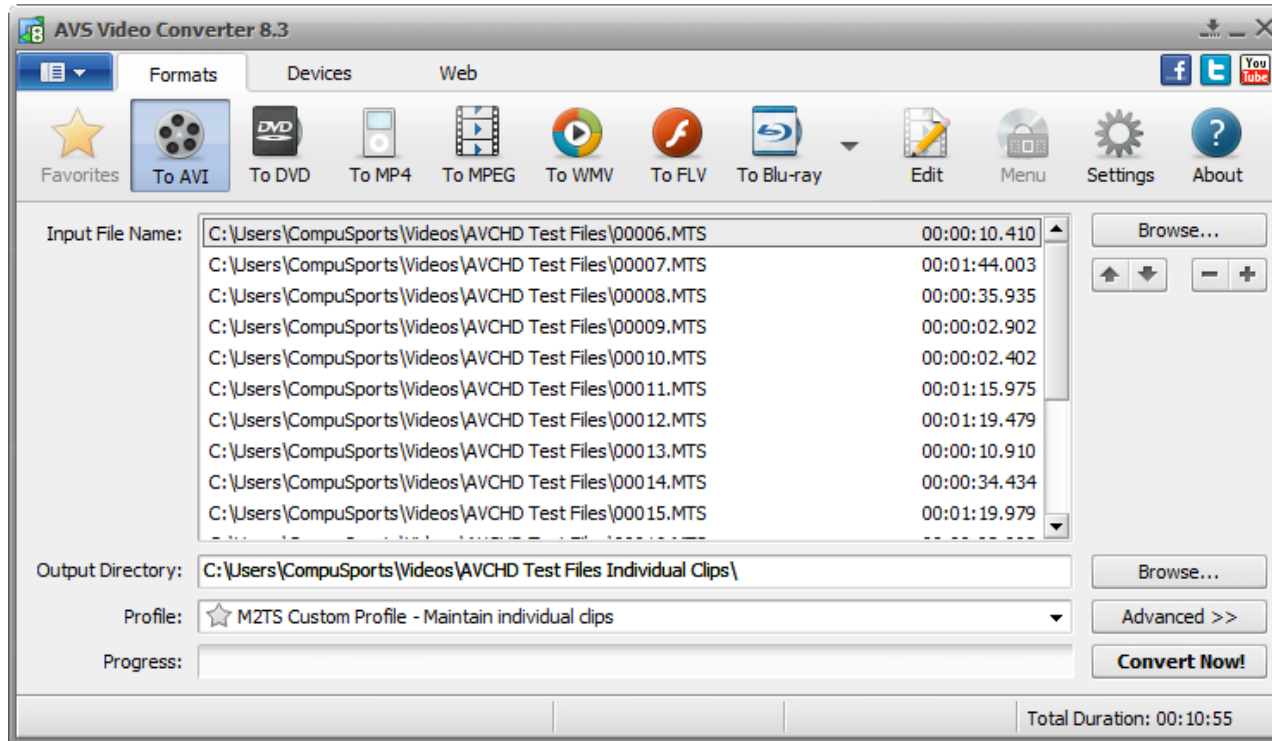
One more word about **Advanced Settings** and **Custom Profiles**. AVS, by default, creates a single output file from one or more input files. But, sometimes it is desirable to convert the clips in the folder as **individual clips**. In this last screen, we illustrate the settings to do this – **checking the Split box** and **click the Batch Mode button**.

Notice that we still have the Video Codec setting as MPEG4 (DIVX/XVID compatible), the Frame Size as 720 x 480 and the Bit Rate as 1500. AVS chooses 1500 as the default bit rate, which results in a slightly better quality (and larger file than 1200, another common setting for this type of Video Codec).

Now we are going to Save these Settings in a second Profile. This way, we will have one that can be used to convert and maintain individual video clips, and another that can be used to create one large video file. Again, we do this by clicking Save Current Setup as a Profile, and typing a name in the dialog box that appears (as shown in the image to the right). We added the words Maintain Individual Clips to describe the profile better.

Step 2 – Verify/Change the Video Output File Name and Location AND the Video Profile

THE OUTPUT DIRECTORY – Setting the location where Individual Clips are created.

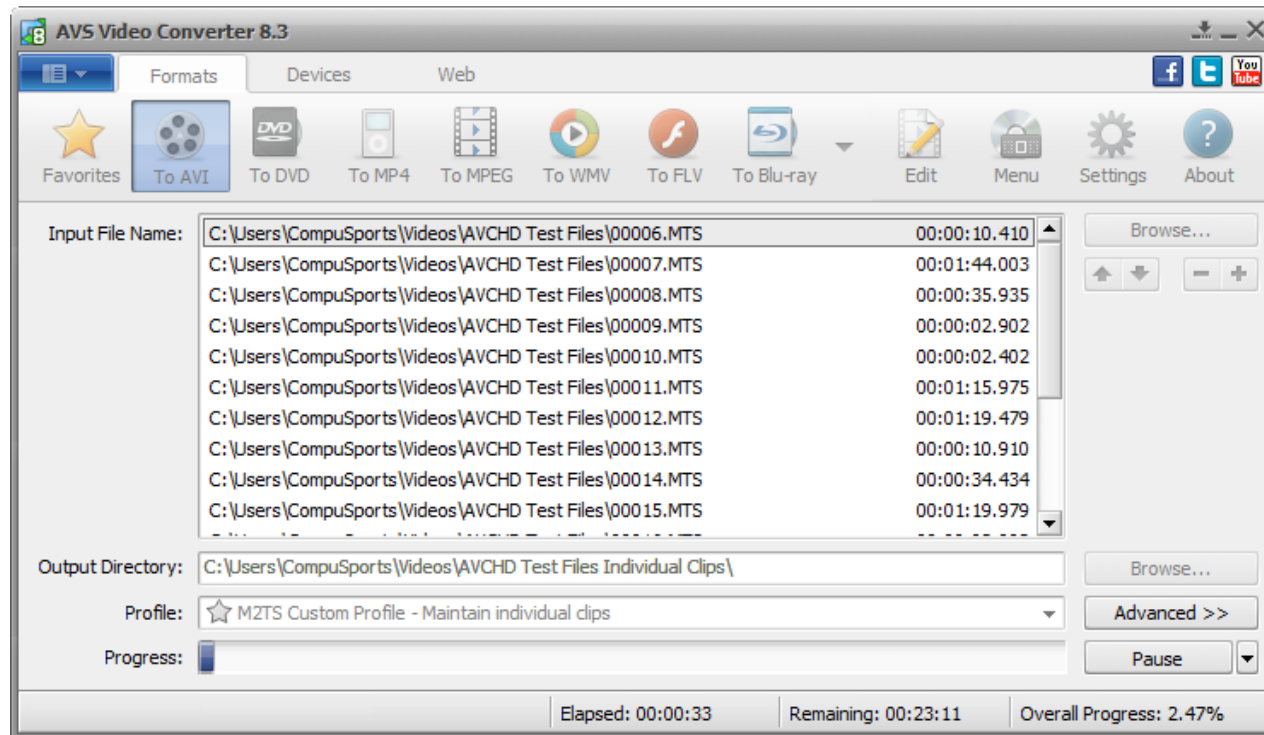


In this case, because of the Split and Batch Mode settings, the Output File Name label changes to the Output Directory - a term that means folder name. The full "path" name of the Directory, or Folder is C:\Users\CompuSports\Videos\AVCHD Test Files Individual Clips.

Since we created this folder before recording this session to hold these clips, if we run the conversion now, the Converted files will be created in this folder. This is OK the first time, but after that, for organizational purposes, it's a good idea to learn how to use AVS to Create a folder and Select it as the Output Directory for converted clips. We are ready to start the Conversion .

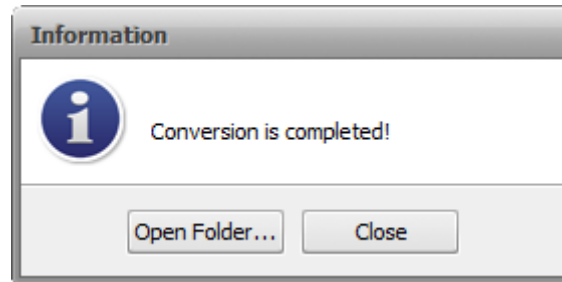
Step 3 – Complete the Conversion

Left Click on the Convert Now button to start the conversion



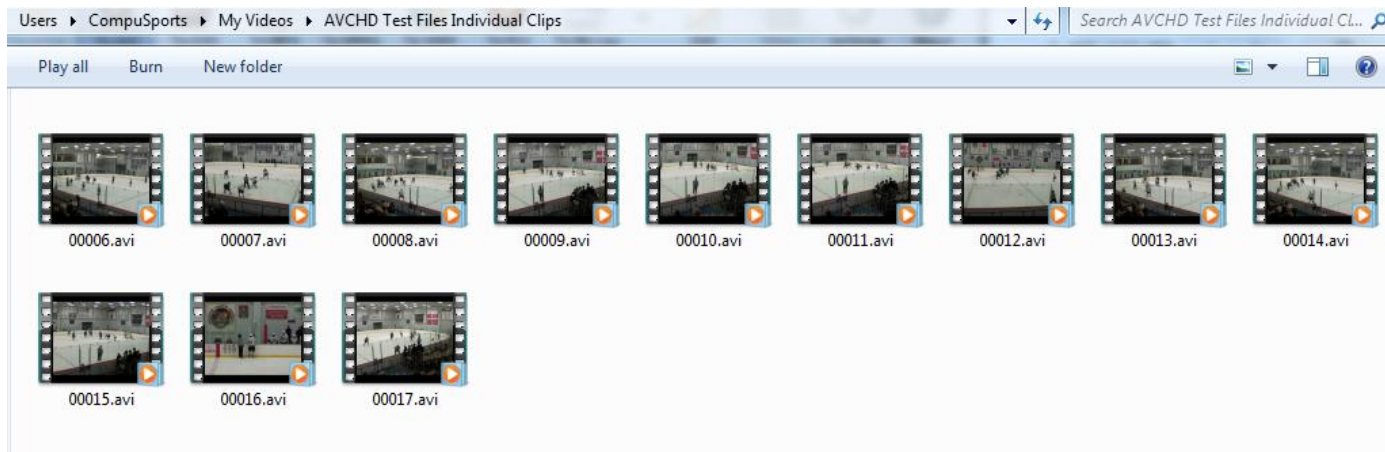
You can follow the progress of the conversion by viewing the indicators at the bottom of the screen. There are many variables that affect the time required, but AVS is usually quite fast. We are doing this demonstration on a computer that is 5 years old and “mid-range in its speed and performance”.

Converted Video is ready to go



When the video conversion is complete, a message Window appears like the one above.

Clicking the Open folder button makes it possible to view Thumbnails of the Video Clips. Notice the file names are identical to the originals, except for their file extension of .avi. If you don't see the .avi extension, you can make sure the correct type of file was created by right clicking on one of the video clips and viewing its properties.



Converting video files and folders with the AVS Video Converter

Summary

A simple , 3 step procedure is all that is involved for 99% of the coaches that use the AVS Video Converter to convert opponent video, and often their own game video.

Whether converting video folders and files or converting a DVD, the AVS Video Converter makes converting video a simple procedure.

AVS easily handles video clips that are found on Hard Drive and Flash Camcorders, as well as those downloaded from web sites in MP4, AVC and H264 formats.

A free trial of the AVS Video Recorder is available at www.compuports.com

Thanks for watching !