



# **Avid Codec Update for Avid Media Composer v3.0.x, v3.1.x, 3.5.x, Symphony v3.0.x, v3.1.x, 3.5.x and Avid NewsCutter v7.0.x, 7.1.x, 7.5.x**

## **ReadMe**

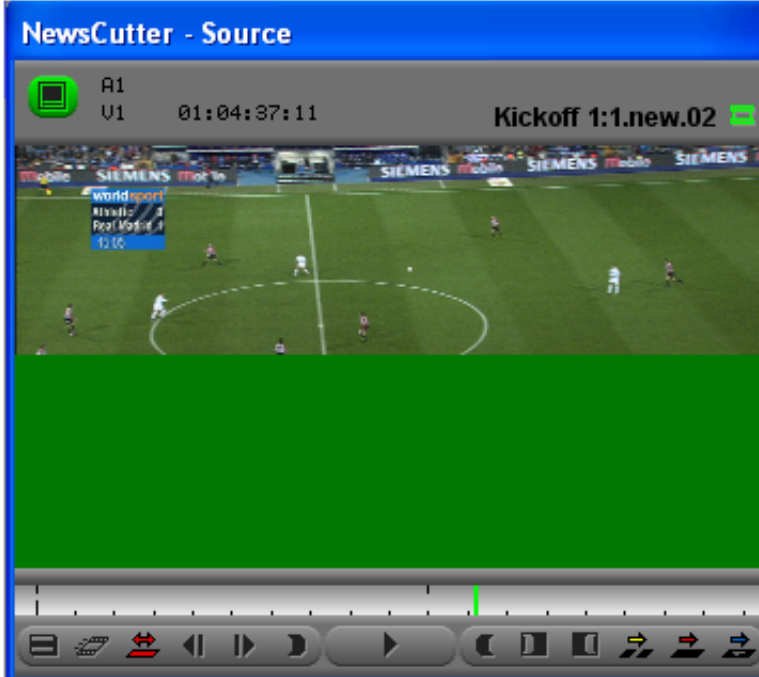
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### **Codec Update**

The release of Avid Media Composer v4.0, Avid Symphony v4.0, and Avid NewsCutter v8.0 includes improvements to Avid's DNxHD codec to bring it into compliance with the SMPTE VC-3 specification. With this release, the editing application continues to decode any DNxHD media created by a previous version of the editing application. However, previous versions of the editing application are not able to playback media created with the new release. All prior Avid editing versions will need the updated codecs. This document includes information on updating editing application versions Avid Media Composer v3.0.x, v3.1.x, and v3.5.x, Avid Symphony 3.0.x, 3.1.x, and v3.5.x and Avid NewsCutter v7.0.x, v7.1.x, and v7.5.x.

If you do not install the newer Avid codecs, the following occurs: When you play compliant DNxHD media in a previous editor application, it may result in frames being decompressed incorrectly. This is characterized by only the top half of a frame being decompressed with the bottom half of the image displaying with either black or green. See image below. If you install the updated codec in these earlier editor application, it will correct the decoding. Avid has provided two updated codec files that you can copy to your previous versions of the editing application that allow you to play media that you created with your new editing application.

The changes affect only DNxHD 1080i/59.94 and DNxHD 1080i/50 formats. All progressive formats, for example, 720p and 1080p are unaffected.



## Installing Updated Codec Files

Use the following procedure to update your editing application to the latest codecs.

### **(Windows) To update to the latest codec files:**

1. Make sure the editing application is not running.
2. Copy the DNxHDCodecUpdate\_3.0.x\_3.1.x\_3.5.x.zip file to your editing system.
3. Double-click to unzip the file.
4. Double-click the DNxHDCodecUpdate\_3.0.x\_3.1.x\_3.5.x.exe. Your existing codecs will be renamed `_non_compliant`. The new codecs will automatically be placed in the appropriate folder.
5. Restart the editing application.

### **(Macintosh) To update to the latest codec files:**

1. Make sure the editing application is not running.
2. Copy the CMAvidHDCodec.avx.zip and CodecManager.avx.zip to your system.
3. Unzip each file.

4. Paste the CodecManager.avx and CMAvidHDCCodec.avx files in the following location.  
Right-click the editing application executable. Select Show Package Contents > Contents > SharedSupport > AVX2\_Plug-Ins > Codecs
5. Restart the editing application.



*(Windows) If you want to revert to the previous codecs, run the executable again and choose to revert when prompted.*



*The previous version of the editing application must also have the Avid QuickTime codecs (v2.0.1). The Avid QuickTime executables are at the following location:*

<http://avid.custkb.com/avid/app/selfservice/search.jsp?DocId=290385&Hilite=>

*Run the AvidCodecsLESetup.exe (Windows) or AvidCodecsLE.pkg (Macintosh) on any editor system that will be playing back new media.*

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