

# AVCodec Installation for Hardware Acceleration in ExacqVision Client

## Symptom

This is in conjunction with the recent EV server beta build version 7.1.8.82570 to improve, in particular, video lag issues with certain Axis firmware versions. The AVCodec / HW acceleration facilitates the Axis 4k camera (P1428-E) allowing smooth video streaming at max resolution and frame rate. Despite the beta build, this 4k resolution camera is almost useless without Hardware Acceleration enabled.

## Affected Platforms

Axis P1428-E

## Workaround

- 1) Close any Exacq clients you may have open.
- 2) Download the file from the following link:

32-bit Windows:

<http://ffmpeg.zeranoe.com/builds/win32/shared/ffmpeg-2.5.2-win32-shared.7z>

64-bit Windows:

<http://ffmpeg.zeranoe.com/builds/win64/shared/ffmpeg-2.5.2-win64-shared.7z>

- 3) Extract the Zip file to a folder on your computer. From that extracted zip file copy the following files to the exacqVision client directory.

Avcodec-56.dll  
Avformat-56.dll  
Avutil-54.dll  
Swresample-1.dll

- 4) Start your exacqVision client and click on the configuration “gear” icon. Click on client and in the client options you should see a new hardware acceleration option available. Move the slider to the right and enable hardware acceleration.