



# Deluxe Media

**Title:** CFF File Creation: Create Warning Cards v1

**W.I. #:** N/A yet

**Date:** March 26, 2014

## 1. Purpose

The purpose of this work instruction is to inform **Authors** how to create the required warning card assets in preparation for the muxing stage of CFF file creation.

## 2. Application

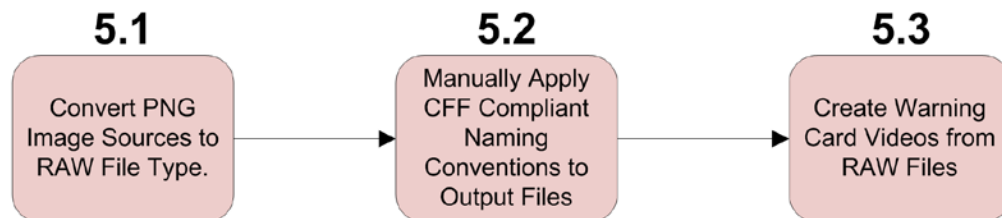
This work instruction applies to the third of five steps in the UltraViolet CFF (Common File Format) file creation process.

## 3. Process Owner(s)

If this document seems incorrect/outdated, please contact the below person for updates:

Role (BU & Dept.)	Contact Person
Technical Writer, Applications Development	Aaron Pillar (818-565-3893)
POD Leader, DDS Burbank 4 BD	Tom Lai
Director of Global Quality Assurance, Global QA	Justine Mannino

## 4. Flow Chart





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## 5. Procedure Details

### 5.1. Convert PNG Image Sources to RAW File Type

Generic FBI and AP (Anti-Piracy) RAW files can be reused for all titles, and can be found *already made* in their intended “output” destination (\_Title\09\_WarningCard\01\_Source\00\_RAW) in the folder template you selected (folder creation step is documented in work instruction “CFF File Creation: Collection of Assets and Transcoding”) when starting work on the current title. For MPAA cards, they’ll either be generic or title-specific. For title-specific cards, retrieve these from either the client or the BD production team.


5.1.1. Launch the Still Video Generator .exe (file name IMGtoVideo.exe)

Currently located at

<\\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05\executable>

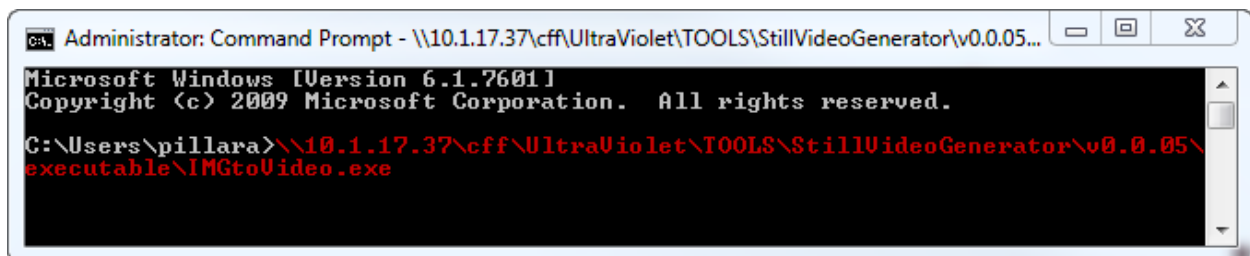
Instructions on using the tool are viewable in the interface.

5.1.2. Launch a Command Prompt window

There are multiple ways to access this window on your computer. One option is to click the **Start** button . In the **Search** box, type **Command Prompt**, and then, in the list of results, double-click **Command Prompt**.

Following the instructions in the Still Video Generator window, convert the .png file to a .raw file. After launching the Command Prompt, steps (in red below) will include:

5.1.2.1. Drop the IMGtoVideo.exe file (grab its icon) onto the Command Prompt Window.



```
Administrator: Command Prompt - \\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05...
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\pillara>\\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05\
executable\IMGtoVideo.exe
```

5.1.2.2. Follow it with (type) this: space -i space



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```
Administrator: Command Prompt - \\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05...
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\pillara>\\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05\
executable\IMGtoVideo.exe -i
```

5.1.2.3. Drop the source file into the Command Prompt window.

```
Administrator: Command Prompt - \\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05...
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\pillara>\\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05\
executable\IMGtoVideo.exe -i \\10.1.17.37\cff\UltraViolet\FOX_Wave2\_Generic_War
ning_MPA\MPAA\PG13\Blue_PG13_Generic_1.78.png
```

5.1.2.4. Follow it with this: space -o space

```
Administrator: Command Prompt - \\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05...
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\pillara>\\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05\
executable\IMGtoVideo.exe -i \\10.1.17.37\cff\UltraViolet\FOX_Wave2\_Generic_War
ning_MPA\MPAA\PG13\Blue_PG13_Generic_1.78.png -o
```

5.1.2.5. Drop the source file *again*. Change its extension to .raw.

```
Administrator: Command Prompt - \\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05...
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\pillara>\\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05\
executable\IMGtoVideo.exe -i \\10.1.17.37\cff\UltraViolet\FOX_Wave2\_Generic_War
ning_MPA\MPAA\PG13\Blue_PG13_Generic_1.78.png -o \\10.1.17.37\cff\UltraViolet\F
OX_Wave2\_Generic_Warning_MPA\MPAA\PG13\Blue_PG13_Generic_1.78.raw
```

5.1.2.6. Conclude the instructions with this: space -n space 120 space -f space true

```
Administrator: Command Prompt - \\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05...
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\pillara>\\10.1.17.37\cff\UltraViolet\TOOLS\StillVideoGenerator\v0.0.05\
executable\IMGtoVideo.exe -i \\10.1.17.37\cff\UltraViolet\FOX_Wave2\_Generic_War
ning_MPA\MPAA\PG13\Blue_PG13_Generic_1.78.png -o \\10.1.17.37\cff\UltraViolet\F
OX_Wave2\_Generic_Warning_MPA\MPAA\PG13\Blue_PG13_Generic_1.78.raw -n 120 -f tr
ue
```



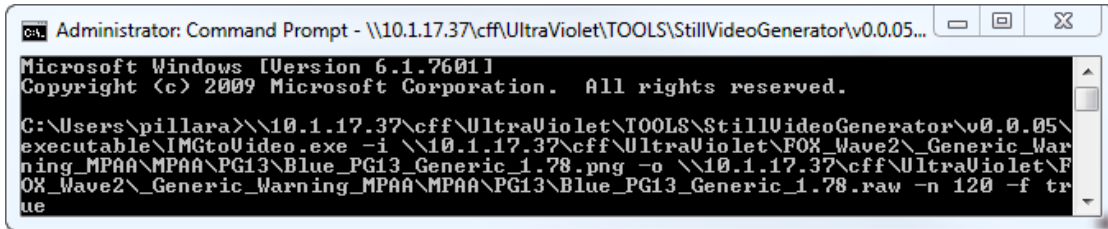
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Example (in total):



After pressing Enter, images plus accompanying .txt files will be placed in \_Title\09\_WarningCard\01\_Source\00\_RAW.

## 5.2. Manually Apply CFF Compliant Naming Conventions to RAW Files

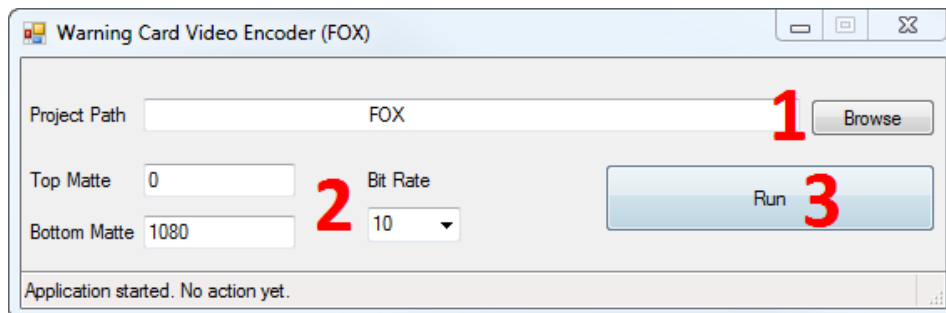
Once png to raw conversions are complete, all files should be renamed as seen in the example below.

Name	Date modified	Type	Size
AntiPiracyCards_English_AP_4.raw	1/10/2013 4:33 PM	RAW File	291,600 KB
AntiPiracyCards_English_AP_4_desc.txt	1/10/2013 4:33 PM	Text Document	1 KB
AntiPiracyCards_English_FBI_4.raw	1/10/2013 4:33 PM	RAW File	291,600 KB
AntiPiracyCards_English_FBI_4_desc.txt	1/10/2013 4:33 PM	Text Document	1 KB
MPAA_WARNING_CARD_5.raw	3/14/2014 11:02 AM	RAW File	364,500 KB
MPAA_WARNING_CARD_5_desc.txt	3/14/2014 11:02 AM	Text Document	1 KB

## 5.3. Create Warning Card Videos from RAW Files

Launch the version of Warning Card Encoder applicable to the client whose title you're working on. All Warning Card Encoders can be found inside one of the client-named folders currently located here:

[\\10.1.17.37\cff\UltraViolet\TOOLS\WARNING\\_CARD](\\10.1.17.37\cff\UltraViolet\TOOLS\WARNING_CARD)





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5.3.1. Browse and select (or drag and drop into the Project Path field) your project folder. A few example locations would be:

[\\10.1.17.37\cff\UltraViolet\FOX\\_Wave2\Alien\\_Directors\\_Cut](\\10.1.17.37\cff\UltraViolet\FOX_Wave2\Alien_Directors_Cut)

[\\10.1.17.37\cff\UltraViolet\LIONSGATE\\_Wave2\CHOCOLAT](\\10.1.17.37\cff\UltraViolet\LIONSGATE_Wave2\CHOCOLAT)

[\\10.1.17.37\cff\UltraViolet\SONY\HOTEL\\_TRANSYLVANIA](\\10.1.17.37\cff\UltraViolet\SONY\HOTEL_TRANSYLVANIA)

5.3.2. Enter the top and bottom matte information retrieved from the transcoding process documented in the work instruction, "CFF File Creation: Collection of Assets and Transcoding."

5.3.3. Click the Run button.

The files (AP, FBI, and MPAA) will be output (each in their own folder) to both the HD and SD folders at this location:

\_Title\09\_WarningCard\03\_Video

Place the .264 files from each folder in the numbered folders *inside* (the applicable) HD and SD folders at this location:

\_Title\01\_Video\00\_HD or

\_Title\01\_Video\01\_SD

For example:

- HD Folder 1 contains the HD FBI
- HD Folder 2 contains the HD AP
- HD Folder 3 contains the HD MPAA
- SD Folder 1 contains the SD FBI
- SD Folder 2 contains the SD AP
- SD Folder 3 contains the SD MPAA

This completes the work instructions for CFF File Creation: Create Warning Cards.