Panorama Processing in PowerDirector & WPanorama

- The same panoramic images were used in PowerDirector's Magic Motion & PiP Designer then compared to the output from WPanorama. Images of a range of resolutions were selected for testing.

AndorraLaVella – 5697x1200px

Manhattan – 10684x1800px

Kathmandu – 18829x1654px

Country Hills – 23538x2253px

4 Images overlaid for resolution comparison

Testing & Observations

- Produced files were consistently AVC H.264 1920x1080/60i @ 16MBps.
- No significant difference was found between PowerDirector11's processing in Magic Motion & PiP Designer at any resolution. Magic Motion produced files were used for comparison with WPanorama.

Results from processing panoramic images in PowerDirector11 & WPanorama

- In all tests two main qualities are compared – smoothness of motion & clarity of image. In all tests WPanorama pans are noticeably smoother than Magic Motion or PiP Designer.
- When viewed side by side, the lower resolution panoramas (Andorra & Sydney) only show minor differences in image quality between PowerDirector & WPanorama. Obviously, the differences are disguised by the resizing here.

PowerDirector Magic Motion snapshot   **WPanorama snapshot**

- As resolution increases, the differences are more significant. i.e. when the image proportions are less like 1920x1080 or as the panorama is more elongated

PowerDirector Magic Motion snapshot   **WPanorama snapshot**

PowerDirector Magic Motion snapshot   **WPanorama snapshot**

PowerDirector Magic Motion snapshot   **WPanorama snapshot**

Video Example

A 1080p video (unlisted) with excerpts from each panorama is posted on YouTube http://youtu.be/IlPzvLUua2o

Tony (ynotfish)