TELESTREAM

Pipeline™

V2.5 Mac OS X Release

V2.5.3 – April 18, 2011

This Release Notes document describes the key product features, enhancements, bug fixes and known issues for Pipeline for Mac OS X v2.5.3 application software. This release consists of ***Pipeline for Mac*** software v2.5.3 Included in this document are installation and update instructions; system requirements and, technical support contacts.

Key features/improvements/fixes:

- ***Pipeline Control for Mac OS X application*** software – v2.5.3
  - ***New*** **–** Added selection for making Mono or Stereo audio tracks in QuickTime
- ***Pipeline for Mac OS X application*** software application software – v2.5.2
  - **Fixed** – Fixes crash issue when using UUID in web service STATUS command.
- ***Pipeline for Mac OS X application*** software – v2.5.1
  - ***New*** **–** Adds selection for Apple ProRes LT and Proxy video codec
    - *Requires a Pipeline HD Dual channel with F/W 2*.5.66895 or later
  - **Improved** – Now allows for 16 channels in Avid AAF+MXF file creation
  - **Improved** – Added Apple ProRes and ProRes HQ 720p 60fps and 1080p24 profiles
  - **Improved** – Change unique file name warning message to avoid confusion.
  - **Fixed –** Fixes issue with Pipeline Control getting into a state where the activation buttons are disabled improperly.
  - **Fixed** – Fixes issue where application could be closed while Pipeline connection is active.
  - **Fixed** – Fixes issue where failed clips display the Success badge instead of the Fail badge.

Pipeline release consists of:

- ***Pipeline for Mac OS X*** installer – v2.5.3.3

Known Issues:

General

- Use only enterprise-class L2 non-blocking Ethernet switches in creating a Pipeline video network (see Pipeline System Configuration and Setup Guide)
- **Warning:** SDI-OUT is intended to be used for monitoring of the looped SDI-IN input source and should NOT be used to distribute this source to additional capture channels. Do not connect the looped SDI-OUT signal into any other Pipeline's SDI-IN port. This may cause unintended capture interruptions on the channel connected to the looped source.
- Play out supported for QuickTime files only
- High bit rate DNxHD and Pro Res HQ files with lengths longer than 15 minute may not play out properly from the Print-To-Tape document. If you experience this issue contact Telestream support.
- Changing the input signal types (PAL to NTSC, 1080i to 720p, etc…) will occasionally put a Pipeline channel into a state where attempting to connect will result in timeout errors and a failure to connect. Once it's in this state the channel must be rebooted in order to resume normal functionality.
- Playing out DVCProHD 1080i@29.97 clip the output may have visible vertical lines. This is most apparent when playing out flat grey video.
- Starting the Scheduler in the middle of a segment event without the Preview stream running will result in an incomplete video frame error. Normal operation will continue and the subsequent events will record as normal. The work around is to first enable Preview before starting the Scheduled recording.
- V2.4.1 and later firmware no longer supports the Live web page within the Pipeline Direct web UI
  - All live capturing or EDL generation must be done using Pipeline Control software
- Print to Tape frame offset adjustments may need to be made to assure absolute frame accuracy. This adjustment can be made in Preferences/Option section.
- *Pipeline HD Dual* systems do not currently support confidence monitoring mode
- Play out supported for QuickTime files only

- The following file types cannot be reliably played out from SC and Quad devices:
    - Pro Res SQ with 4 or more channels of audio
    - IMX with 8 channels of audio
- Single channel and Quad channel devices capture a maximum of 8 channels of audio

Pipeline Control for Mac OS X application (v2.5.3.3)

- Requires Pipeline device firmware rev 2.5 or later
- The web service responses have been changed. ***WARNING - This may require modifications to custom applications utilizing Pipeline Web Service API***
- Support for Avid DNxHD preview requires Avid QuickTime Codec LE installation. Download the Avid QuickTime Codec LE v2.3.2 or later installer for from the Avid web site.
- Triggering multiple concurrent Avid AAF+MXF capture sessions on a single system running Mac OS X Leopard via the web service API will cause the Pipeline Control application to crash. The crash is due to a 3rd party library beyond our control. The work around is to use Mac OS X Snow Leopard.
- Saved documents created with Pipeline Control v2.5 may cause an application crash if subsequently opened with Pipeline Control v2.4.x.
- Final Cut Pro XML docs created before media files are written to disk will have inaccurate file names if file tokens are used. This will require the user to reconnect to the correct media files from within Final Cut Pro.
- The Print-To-Tape document sets its time code type (Drop Frame vs. Non-drop Frame) based on the selected clips time code. If your tape's time code differs from the clip's time code and you are using Insert edit mode, you must set the correct time code type (the tape time code) by clicking on the separator (';' for DF and ':' for NDF) between the seconds and frame within the Mark-In selector.

Installation and Update instructions

Pipeline for OS X software:

- Run **Pipeline Control.pkg** and follow the on screen instructions
    - The installer will place the **Pipeline Control** application into the user's application folder and install the **Pipeline plug-in for Final Cut Pro** log and capture tool
- To run the Pipeline Control application select **Pipeline Control** from the applications folder
- The **Pipeline plug-in for Final Cut Pro** can be opened directly from Final Cut Pro or Episode v5.x

General System Requirements (also see hardware configurations below)

- If running Pipeline firmware v2.5 or later you must also be using Pipeline Control v2.5 or later
- CPU: Intel Core 2 Duo, Intel Quad Core, or greater
- Operating System:
    - Mac OS X Version 10.5 (Leopard) or 10.6 (Snow Leopard). Mac OS X 10.4 or earlier is *not* supported.
- Video card with minimum 256MB RAM – card must support Quartz Extreme/OpenGL accelerated surfaces and be attached to a compatible video display
- GigE or faster Ethernet adapter

Pipeline Support

For Pipeline technical support email us at support@telestream.net.