



## Introducing Liquid 5.6 – It Just Keeps Getting Better and Better!

We are very excited to announce the imminent availability of Liquid chrome 5.6 and Liquid blue 5.6. Both products have been released to manufacturing and will ship in a matter of days. We are further delighted to announce the availability next quarter of Liquid silver 5.6.

Liquid 5.6, a feature rich release, propels Liquid far ahead of the competition. Liquid 5.6 includes:

- Integrated DVD authoring – Create wizard based DVD/VCD/SVCD with motion menus, motion buttons and automatic links directly from the timeline. Over 40 templates are provided to get you started.
- New MPEG encoder for DVD – provides faster and better quality encoding
- Rapid capture – speed up capture process by stopping and starting the digitization process when and where you want while you are jogging and shuttling through content
- Mark Used Clips – avoid re-use of clips by knowing what is already used in a sequence
- Auto-dissolve – save time by automatically adding transitions to multiple edits in one stroke
- Track matte editor (blue, chrome) – add moving keys to composites for a dynamic, more professional appearance
- MXF support – adds support for the industry standard interoperability format
- XSend to WaveLab – easily add audio effects and edits to clips and sequences directly from Pinnacle Steinberg WaveLab, our leading tool for digital audio editing

Liquid chrome 5.6 offers exciting additional chrome-unique features including:

- 1394 I/O – capture and print to DV devices
- MPEG IBP capture – save time where IBP is the destination format by avoiding the need for a second encoding pass
- Real-time linear TimeWarp – high quality slow motion, without rendering
- Frame buffer support for Commotion Pro, After Effects and combustion – real-time viewing of effects and composites out to video from your favorite applications
- ASIO driver for Nuendo – maximize the Liquid chrome hardware to minimize audio I/O latency when using Pinnacle Steinberg Nuendo

For full details of all of the exciting features and benefits of Liquid 5.6, please see page 3.

## Liquid blue 5.6

Liquid blue is a full version upgrade for existing blue customers, and will be available for only \$/€ 1495. Please see the appropriate part numbers below:

- Liquid blue version 5.6 upgrade English PP#102610505
- Liquid blue version 5.6 upgrade French PP#102610506
- Liquid blue version 5.6 upgrade German PP#102610504

Customers who purchased their Liquid blue system after September 12, 2003, can obtain a Liquid blue upgrade at no cost, through their reseller, by submitting a purchase order with the above part numbers and a price of \$/€ 0. The PO must be accompanied by the original invoice.

## Liquid chrome 5.6

Great news, Liquid chrome 5.6 is a free update for all registered customers. CDs will be automatically mailed upon release to all registered customers, so make sure that all of your customers register their chrome systems immediately. You can register your Liquid product at the following site:

<http://www.pinnaclesys.com/register/liquid>

Liquid chrome 5.6 will also be posted to the Pinnacle support site for download. Please note that the download size will be quite large (264 MB), so in most cases a CD (delivered to all registered parties) will be the preferred method for the update.

## Liquid silver version 5.6

We are pleased to announce the upcoming release of Liquid silver version 5.6. This version brings most of the exciting new features of Liquid 5.6 to silver users.

Liquid silver version 5.6 can be ordered immediately for only \$/€ 695. All customers who purchased a Liquid silver system after December 1, 2003, can obtain Liquid silver 5.6 for free by just submitting a purchase order with the appropriate below part numbers and a cost of \$/€ 0. The PO must be accompanied by the original invoice.

- Liquid silver version 5.6 upgrade English PP#102510505
- Liquid silver version 5.6 upgrade French PP#102510506
- Liquid silver version 5.6 upgrade German PP#102510504

Liquid silver version 5.6 is expected to ship in the first quarter of the next calendar year.

## Detailed List of Liquid 5.6 Features

| Feature                             | Benefit   | Color              |
|-------------------------------------|---|--------------------|
| Integrated DVD Authoring            | Now there is no need to waste time encoding and swapping to other unfriendly applications in order to create DVD/VCD/SVCD with motion menus, motion buttons and automatic links.  | All                |
| New MPEG Encoder for DVD            | Faster and better quality DVD encoding with more settings and modes for greater flexibility.  | All                |
| Track Matte Editor                  | Create complex layered projects by keying one track onto another.   | Liquid blue/chrome |
| Scaleable Interface                 | Now you can set your screen resolution all of the way up to 1600x1200 which can even afford, with most computer monitors, a full frame size inlay.  | All                |
| Rapid Capture                       | Pinnacle has redefined the capture process. Liquid will now automatically digitize while the signal is stable, and automatically stop during jog/shuttle or fast forward/rewind. Clips are automatically created. The result is a simplified workflow and substantially faster capture times. | All                |
| New Ingest Tool                     | You can now actually edit while capturing. With 2 Liquids on the same network, one can start capturing and another can simultaneously begin editing the same exact clip. All of this can even be accomplished before the capture is completed.  | All                |
| Mark Used Clips in Sequence         | 200 edits into a timeline and can't remember if you have already used a given clip? No problem. A tick box on clips in the project viewer indicates what clips have already been used in the sequence.  | All                |
| Source Timecode Display in Timeline | Provides a rapid reference back to the source tape.   | All                |
| Auto-dissolve                       | Now you can save time by automatically adding transitions on all cuts between a mark in and mark out points.  | All                |
| More Keyboard Shortcuts             | Speed up the editing process with additional extended keyboard shortcuts such as matchframe, freeze frame, context menus, add linear TimeWarp, set clip marker, zoom to clip, select clip and much, much, more.   | All                |
| TitleDeko Files Stored in Project   | Now you can natively manage titles and character generation from Pinnacle TitleDeko within your Liquid projects.  | All                |
| Improved TitleDeko Interactivity    | Allows you to generate multiple titles and save to Liquid's tracks without ever having to leave TitleDeko.  | All                |
| Source AV Track Mapping             | Easily slip between video and audio inserts by selecting the tracks right in the source viewer.   | All                |
| MXF Support                         | Seamlessly exchange MPEG files using the industry standard MXF file format. Offers direct file format compatibility with Pinnacle MediaStream.  | Liquid blue/chrome |
| XSend to WaveLab                    | Easily add audio effects and edits to Liquid clips and sequences directly from Pinnacle Steinberg WaveLab.  | All                |
| 1394/DV Capture and Playback        | Capture and print back to tape over FireWire with Liquid chrome as well as all other products.  | All                |
| MPEG IBP Capture                    | Capture to MPEG IBP, ES and MXF on Liquid chrome as well as all other products.   | All                |
| Frame Buffer Support                | Now you can monitor the actual color and framing with direct video output from Commotion Pro, AfterEffects and combustion.  | Liquid chrome      |

|                           |  |               |
|---------------------------|--|---------------|
| ASIO Driver               | Maximize your flexibility and minimize your latency when using Nuendo by harvesting the full multi-channel audio I/O of the Pro D&A Breakout Box on your Liquid chrome system. | Liquid chrome |
| Real-time Linear TimeWarp | Now garner high quality, real-time, slow motion on Liquid chrome.  | Liquid chrome |

But that is not all! We have heard your requests and have added many more new features and fixes. These fixes are across the color product line unless otherwise noted. These are listed below:

- Improved project startup time
- Shuttle slider on record to tape
- Capture to timeline, source track mapping from in the logging tool
- Improved switching between PAL and NTSC projects
- Voiceover with EE through Liquid blue box (Liquid blue)
- Native support for Liquid silver YUV format (Liquid blue)
- Insert closed caption info at capture into DV/MPEG stream (Liquid blue)
- XReceive function (import plug-in for custom import types)
- Adjustable digital audio scrubbing now included in the trim editor
- Automatic scene detection
- Match frame to project and match frame to tape
- Now import MP3, MPA & WMA audio files
- System status message right in task bar
- Single clip freeze frame
- More flexible audio handling with the ability to insert, separated or combined, stereo clips right into the timeline
- Automatic updating of clip heads and tails while editing in the timeline
- AfterEffects 6 support
- Windows XP support

## OS Support

The recommended operating system for Liquid 5.6 is Windows XP, with the exception of some systems with older motherboards outlined below. The recommended memory configuration is 1GB.

## Liquid Turnkeys

As part of the Liquid 5.6 transition and the above guidance, all XW6000 turnkeys will now be shipped with 1GB of RAM, instead of the current 512MB RAM. In addition, all system turnkeys for Liquid 5.6 will ship with Windows XP.

## Liquid purple VideoBox Option

Please note that we will be discontinuing the VideoBox option (PP#102410507) that was offered with Liquid purple. This product is fully compatible with Liquid Edition. However, there is only a limited inventory of this product. Once this inventory is gone, we will no longer accept orders for this product. Customers wishing to benefit from the video output options of Liquid Edition should purchase the Liquid Edition PRO product, and can purchase the second head VGA from their preferred VGA card suppliers. Certified VGA cards can be found in the Liquid Edition turnkey cookbook on [Backstage](#).

## Liquid 5.6 System Recommendations and Additional Info

- **Matrox G450 (blue):**  
Use driver 5.86, not the one XP assigns automatically  
Reduce the hardware acceleration (display properties / advanced / troubleshooting) by one step
- **TweakUI**  
Install TweakUI 1.33 (goto Microsoft.com and search for "tweakui", download, unzip and install by right-clicking "install.inf" and selecting "install")  
Go to Control Panel, invoke the TweakUI applet and set the Menu Speed to "fast"  
On the second tab, uncheck all boxes (animations, etc.)
- **Adaptec SCSI controller**  
Make sure you have driver version 1.2.0 installed for both SCSI channels when using an Adaptec SCSI controller; the drivers are available on the FTP site
- **WinXP SP1**  
Should be installed
- **VGA card utilities**  
Like the NVIDIA Desktop Manager **must** be disabled
- **Liquid blue turnkey 1 and 2 with Asus CUV4X: certification for W2000 SP4 only (Direct X 9b required)**  
There is a known system crash issue with the ASUS CUV4X-DLS motherboard which is used in the some early Liquid blue turnkeys. This error is caused by the LSI SCSI controller, but only under Windows XP. Unfortunately, there is no updated driver provided under XP by ASUS or LSI that solves this at this time and therefore it is recommended to stay with Windows 2000 for these configurations.