Autodesk

Flame Premium 2013 SP2 Release Notes

About this Service Pack

This service pack is for the following products:

- Autodesk Flame® Premium 2013 SP 2
- Autodesk Flare™ 2013 SP 2
- Autodesk Flame 2013 SP 2
- Autodesk Smoke® Advanced 2013 SP 2
- Autodesk Lustre® 2013 SP 2
- Autodesk Burn® 2013 SP 2
- Autodesk Inferno® 2013 SP 2
- Autodesk Flint® 2013 SP 2
- Autodesk Backdraft® Conform 2013 SP 2

This service pack includes:

- A number of fixed bugs.
    - Fixed Bug List
    - Known Bug List
- Support for the HP Z820 workstation
- Flare: support for Red Hat 6.2. See system requirements for more details.
- Burn: support for Red Hat 6.2.

Features Enabled with HP Z820 Video Hardware Configurations

The following features are enabled based on the video hardware configuration options that you selected when your puchased your HP Z820 workstation.

	Default HP Z820	Add NVIDIA SDI2 Only	Add AJA-Kona 3G Only	Add AJA Kona 3G + NVIDIA-SDI2
Video I/O	no	no	yes	yes
Multi-channel digital I/O	no	no	yes	yes
VTR deck control	no	no	yes	yes
10-bit SDI video preview	no	yes	yes	yes
Real-time deliverables	no	no	no	yes
ALSA onboard audio monitoring	yes	yes	n/a	n/a
Dual Display Preview (aka DVI/DisplayPort broadcast preview)	yes	no	yes	n/a

High Monitor Genlock to sync	no	yes	no	yes
Stereo: dual output	no	yes	yes (Flame/ Smoke) no (Lustre)	yes
Stereo: interlaced output	no	yes	yes (Flame/ Smoke) no (Lustre)	yes
Stereo anaglyph	yes (Flame/Smoke)	yes	yes (Flame/ Smoke) no (Lustre)	yes
Frame accurate sync playback with audio	no	no	yes	yes

The application installer is able to autodetect which hardware is available and setup the configuration files accordingly.

- Dual-Display Preview:
    - This feature is enabled in Lustre via the F7 mode.
    - In order for this feature to be properly configured the second output used by the graphics card needs to be connected to a monitor so the application can autodetect the resolution.
- ALSA audio is a stereo (L/R) analogue audio out via HP headphone jack - this is a non-balanced audio signal.

Decreased Performance in an InfiniBand Setup with FDR and Older InfiniBand Cards

Mellanox FDR cards do not support communication over SDP. When communicating with older Infiniband cards (QDR, DDR), the Mellanox FDR card uses IP over IB. As a result, you might experience a decrease in performance when FDR cards are in communication with older Infiniband cards.

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Fixed Bug List

Component/s	Key	Summary
LUSTRE: Control Panel	FLPR-4837	Unnecessary error message in shell, Control Panel related.
IFFFS: Player	SMOK-5350	Material from Adobe media encoder unusable in Smoke, slow downs, playback issues.
IFFFS: Media Management: Export Workflow	SMOK-5111	Gamma shift on exported H264 files.
IFFFS: Action General	FLPR-5413	3D Path crash with closed path.
IFFFS: Action: General	FLPR-2849	Back is not synchronized when layer changes resolution (proxies) in Modular Keyer setups.
IFFFS: Archive	SMOK-5620	Axis soft effect repositions to default values on some parameters when restoring 2012 archive clip.
IFFFS: Archive	SMOK-5009	Verify Archive Data generates warning message and bad slates.
IFFFS: Archive	SMOK-1709	Library structure: Name/Comment/Tape/Delete cannot be changed.
IFFFS: AVIO: VTR I/O	SMOK-1829	AJA: VCP or xenacables are not working after installing DKU 6.5 on RH 4.3
IFFFS: Backburner	SMOK-6376	Manager crash when many adapters exist on Server node.
IFFFS: Batch General	FLPR-5769	Batch crashing when pressing F4 with some nodes.
IFFFS: Batch General	FLPR-5170	Action node will be overwritten at User/Project bin.
IFFFS: Audio Export OMF	SMOK-5707	Export OMF crashes on some rate converted timelines with audio soft effects.
IFFFS: Legacy File I/O	SMOK-5115	Corrupted Library when re-rendering Lustre timeline to Smoke with soft CC.
IFFFS: Wiretap Gateway	SMOK-4440	YUV Headroom option for QT/MXF is not working for DNxHD clips.
IFFFS: Library General	SMOK-5651	Uncompressed QuickTime files have 'clean aperture' metadata set.

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IFFFS: Library General	SMOK-2675	Smoke (Local), Lustre (Wiretap Gateway) and Wiretap Central not showing the correct duration of certain QuickTime files.
IFFFS: Media Management: FCP X XML	SMOK-5956	Importing XMLs with Store Local Copy generates errors.
IFFFS: Paint & Batch Paint	FLPR-5292	Paint warp tool unexpected behaviour when using small brush sizes.
IFFFS: Player	SMOK-5677	Performance issues with QuickTime 5D MKII clips.
IFFFS: Wiretap	SMOK-5951	Wiretap-tools-2013-6333 broken for get_metadata EDL.
IFFFS: Wiretap Central	SMOK-5745	Wiretap Central sometimes sends a connection refused error message.
IFFFS: Wiretap Gateway	SMOK-3854	Import: Wrong Tape Name detection on Avid mxf clips.
IFFFS: Wiretap Gateway	SMOK-2969	Store Local Copy is slow for H264 source clips.
LUSTRE: Color Tools	FLPR-4741	Lustre may hang when enabling or disabling the large grade bin.
LUSTRE: Panel	FLPR-5186	Viewer not always updated when switching to Matte view from the ACS panels (GPU only).
LUSTRE: Processing Tools	FLPR-6045	Resize limited to 4100x4100 in Lustre
LUSTRE: Timeline	FLPR-732	EDL assemble does not work properly when selecting Record & Timecode as Match Options if the filename Timecode and DPX header Timecode do not match.
LUSTRE: Hardware Configuration	FLPR-5503	Lustre won't start if workstation has a Mellanox QDR InfiniBand adapter.

Known Bug List

Component/s	Key	Summary	Workaround
IFFFS: Burn	FLPR-5701	Burn sometimes taking too long to start up.	Reboot your entire Burn network.

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IFFFS: Action: Analyser	FLPR-5124	Action/Mono Analyser: Track points go over mask border when you do an Action Scale after adding your Analyser mono node.	None
IFFFS: Action: General	FLPR-6001	Banding on background caused by Motion Blur in Action.	None
IFFFS: Action: General	FLPR-5415	Action: Cannot process Multilayer Blur	None
IFFFS: Archive	SMOK-6353	ARCHIVE: Project archive should not backup _cache libraries.	Delete the _cache library before archiving.
IFFFS: Archive	SMOK-5952	Pre Archive Verify problem with Clip History	None
IFFFS: Batch General	FLPR-5611	Action node clears node cache in upstream node.	None
IFFFS: Batch General	FLPR-5263	Batch import node not working if imported clip name starts with a number	Use import gateway or import from library or have file names that start with letters.
IFFFS: Conform	SMOK-6312	EDL with reel name ending with B can't be conformed in Smoke.	None
IFFFS: Conform	SMOK-5708	XML Import does not assign audio channels	None
IFFFS: Conform	SMOK-5615	XML conformed with Consolidate on Import may have some clips with incorrect handles.	None
IFFFS: Creative finishing 2012 Turnkey system Update HP z820	SMOK-5917	Display corruption on z820 when launching Smoke, broadcast & high hes monitor, NVidia only configuration.	None
IFFFS: Creative finishing 2012 Turnkey system Update HP z820	SMOK-6988	RedHat 6.2: Stereo Capture not accurate + missing frames.	None
IFFFS: Data Management	SMOK-6646	VIC with -r option does not work	Unlink and relink clips.
IFFFS: Hardware, OS, DKU	SMOK-7097	Myricom Gige Network card won't let serverd start	Everytime you start or restart stone+wire Go in /usr/discreet/sw

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			Run ./sw_serverd start -d
IFFFS: Hardware, OS, DKU	SMOK-7105	Mellanox FDR performance issue may occur after initialization of openibd	Restart openibd by running the following commands /etc/init.d/openibd stop /etc/init.d/openibd start Or Reboot
IFFFS: Legacy File I/O	SMOK-6239	QT audio out of Smoke isn't recognized properly.	None
IFFFS: Legacy File I/O	SMOK-5916	MpegLayer 2 audio output is stuttering upon re-import.	None
IFFFS: Legacy File I/O	SMOK-5822	Cannot overwrite a shot using Export if 1st frame not modified.	Modify first frame by applying a pass through Soft FX. By example a 100% timewarp before exporting.
IFFFS: Library tools	SMOK-5958	Relink does not work correctly with exported clips or hard committed clips.	None
IFFFS: Media Management: Import/Export	SMOK-5855	Export QuickTime audio phasing problems when playing back with QuickTime 10 version.	None
IFFFS: Paint & Batch Paint	FLPR-5193	Batch Paint: after processing, Outmatte is all white.	Connect a black color frame node in matte input.
IFFFS: Player	SMOK-5710	Stutter on AJA broadcast output.	None
IFFFS: Player	SMOK-7127	Playback start-up delay when using RTD.	None
IFFFS: Stabilizer	FLPR-5268	When tracking backwards, it fails to continue the track when adding a new point to continue tracking an object going off screen.	Reverse the clip before tracking. After forward tracking, reverse the clip back to original.
IFFFS: Wiretap Gateway	SMOK-6722	Clips that failed to store a local copy stay dark gray and cause many issues.	Unstore then store the copy again, or process the clip .
IFFFS: Wiretap Gateway	SMOK-6704	8trk/24bit wav not imported properly in Smoke.	Convert it to aiff.
IFFS: Media Management: Codecs	SMOK-5569	Red Rocket: Can't playback real-time with Magic Motion or Blend Exposures.	None

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LUSTRE: Color Grading	FLPR-5781	Keyframes dropped from XML grades when set outside of the range of frames available.	None
LUSTRE: Color Grading	FLPR-5164	Linear Gamma not working as expected in Lustre.	None
LUSTRE: Hardware, OS and DKU	FLPR-5383	Lustre cannot relink to local proxies if Wiretap hires media is offline.	None
LUSTRE: Import	FLPR-5443	Lustre takes a long time to load a scene when cut files referencing to media no longer available in it (loading time issue).	Removing the cut files that are referencing to the old media location solves the loading time issue.
LUSTRE: Processing Tools	FLPR-5344	Reposition: missing part of image when rotation and crop are applied.	None
LUSTRE: Render	FLPR-5377	Black line artifact are sometimes produced on rendered frames.	None
LUSTRE: Timeline	FLPR-5479	Thumbnails turn to black after switching between P and O when there is a .3dl lut applied on Render/Output.	None
LUSTRE: Wiretap	FLPR-5376	Path translation is not working for Wiretap Path.	None