Smoke Desktop Subscription 2017 Release Notes

Welcome to Autodesk Smoke 2017 Desktop Subscription (June 15, 2016).

These Release Notes include important last-minute information, and a list of fixed and known bugs in this release.

Documentation

- Details on the new Smoke features: www.autodesk.com/smoke-help-whatsnew
- Smoke System Requirements: http://www.autodesk.com/smoke-sysreqs
- For all other documentation for this release (user guides, installation guides, etc.): http://www.autodesk.com/vxf.

Compatibility

Keep in mind the following information on software compatibility and limitations before installing the current version.

Previous Version of Smoke	Smoke 2017 Desktop Subscription
Projects and Media Library	Read-Only. • You can Convert or Convert and keep a copy your project from the Startup screen. Once converted, the project becomes identical to a project created in the current version, with access to the libraries and the clips they contain. • You cannot open a converted project using the original Smoke; use Convert and keep a copy to keep a copy that remains accessible by the original Smoke. You can also delete a project and its media as you would a native project, without having to first convert it. Alternatively, you can archive the project from an older version and restore the archive in the latest version. See the application help for instructions on creating and restoring archives.
Archives	Read-only.
Users	Incompatible. Create a user in Smoke 2017 Desktop Subscription.
Setups	Compatible.

Content created in Smoke Desktop Subscription (DS) can now be read by Flame Family 2017 products (including Flame, Flame Premium, Flare, and Flame Assist). Note the following:

- Projects from Smoke DS can be opened (and converted) by the Flame Family 2017 products.
- Projects can be seen through MediaHub, using Browse for Projects.
- Archives created in Smoke DS can be read in Flame Family 2017 products.

Important: Content created in Flame Family 2017 products cannot be read by Smoke DS.

Smoke 2017 Fixed Bugs

Key	Summary	Number of CER Users Affected
Action: Object		
SMOK-27140	3dText: Bevel is lost if the text is Separated.	
SMOK-30612	Weird UV behavior in Action with non-flat surface.	
SMOK-31616	Source: Light icon default position hides action result view.	
SMOK-32904	Adjusting "Surface Blend Curve" with autokey enabled crashes application.	
Action: Geometries		
SMOK-34309	Loading an .fbx file in Action with "Add Nodes and Add Nodes + Media" crashes application.	6
Action: General		
SMOK-29521	Timebar Range options no longer work in Action's Media FX indirect modules.	
SMOK-30225	Entering Action with Use Back and exit (no change) invalidates render.	
SMOK-30694	Back view unavailable in CC/CW for colour referencing purposes.	
SMOK-31894	MK: broken compatibility when converting to 2016 from 2015x3.	
SMOK-33273	Loading pre-2016 Action that contained source matte is split into 2 media inputs, second one (with MK) being empty.	
SMOK-33340	No name in media list for missing clips.	
SMOK-33569	Shadow node causes corruption on Back of second empty Action node (reset crash).	2
SMOK-33814	Reset All button (as option) is gone from Tools > Action > Setup.	
SMOK-34361	CFX: Can't load setup (Action error Challenge End Frame).	
Animation Editor		
SMOK-30616	Channel Editor/Track animation: shifting keyframe as a gestural translate sets curve point to 0.0.	
SMOK-32015	Animation menu disappears in VFX.	
Archive		
SMOK-29380	Unmanaged / Uncached media: Archive Restore fails during restore if no storage space because project's proxies are not part of the size estimate.	
SMOK-29428	Tape Archive failure: In project with only one clip or with an empty library/desktop.	

Key	Summary	Number of CER Users Affected
SMOK-31816	The archive option -v (verbose) does nothing.	
SMOK-32423	Archive Update Selection Information does not list the required segments correctly of specific archive.	
SMOK-33021	As a user I wish to be able to name or rename Archive Sessions, and possibly archived content.	
SMOK-33274	2015.2.1 archive restored in 2016.0.1 crash on save desktop.	11
SMOK-37890	Make python hooks' "async" option default to False.	

AVIO

Key	Summary	Number of CER Users Affected
SMOK-25227	No AJA support for HDMI audio output.	
SMOK-30511	Player playbacks upscaled thumbnail at broadcast monitor.	
SMOK-31108	Negative dB values are not properly shown in the Audio Desk.	
SMOK-33368	Audio waveforms not updating.	
SMOK-33970	AJA output: 422 + headroom wrong video levels in preview.	
SMOK-34352	Rate selection not available for audio.	

Backburner

Key	Summary	Number of CER Users Affected
SMOK-29781	Unable to export a clip with '&' symbol in the tape name field.	

CFX: General

Key	Summary	Number of CER Users Affected
SMOK-30893	Timewarp asks for a matte when switching interpolation type after CFX render.	
SMOK-32406	Colour Warper and Mimic Link don't work.	
SMOK-32494	Action: Different result between 2013 SP5 and 2016 when using sources.	
SMOK-32692	Height odd resolution are rounded to even in CFX.	
SMOK-32700	Action preview button refresh issue when sources are static.	
SMOK-32792	Timewarp CFX cache is lost when deleting a keyframe in downstream nodes.	
SMOK-33216	Regrain custom curves sampling does not work with mixed pixel format inputs.	13
SMOK-33310	Crash when exiting CFX created with flowgraph enabled from a 3D Stereo Clip.	1
SMOK-33341	Iteration parameter doesn't save with specific scenario.	
SMOK-33792	Action direct media in CFX not properly restored from legacy archive.	
SMOK-34081	Rendering a new version on 10-bit footage crashes app.	10

Key	Summary	Number of CER Users Affected
SMOK-34161	Bypassing resize node does not switch to front input.	
SMOK-35348	Matte Edge: difficulty adjusting numeric fields accurately.	
SMOK-38230	Smart-Link can lead to crash if selected node is not picked in the center.	50+

CFX: Workflow

Key	Summary	Number of CER Users Affected
SMOK-29610	Using Snap to Grid in the schematic avoids linking nodes properly.	
SMOK-29784	Copy/Paste hotkey (Ctrl+C/Ctrl+V) don't work in the Keyer Schematic.	
SMOK-30229	Copy/Paste gap CFX from a timeline to another invalidates render.	
SMOK-31190	Context: CFX history view displays contexts saved.	
SMOK-32661	NFS: Empty CFX setup on restart if created in a remote project.	
SMOK-33139	No library focus in Freeform view when exiting CFX.	
SMOK-33953	CFX Schematic needs to display 3 digits for the aspect ratio.	
SMOK-34453	Losing CFX because of a wrong destination path for setup when re-saved: "/".	
SMOK-37527	Crash when removing a node from an MBlend/CBlend after duplicating it (potential crash on exit).	
SMOK-37896	Cannot deselect all nodes in a schematic using the tablet.	

Conform

Key	Summary	Number of CER Users Affected
SMOK-34410	AAF: wrong tape name when importing specific AAF.	

Creative Tools

Key	Summary	Number of CER Users Affected
SMOK-28171	Action/Object/Vertices: Track data not saved correctly and trackers change colour.	
SMOK-30695	Setup length is not restored when a Text setup is loaded.	
SMOK-31007	Odd height value for 10 and 12-bit clips are rounded as even by render on desktop tools.	
SMOK-31369	Entering Text FX / Text node and exiting invalidates Render.	
SMOK-31896	Gap CFX back clip does not get correct frames when dissolve is used on segment below.	
SMOK-32175	Lens Distort "Optimal Resize" re-enables on node duplication.	
SMOK-32454	Action desktop: "_exitAction.bak.action" backup file no longer gets written to disk.	
SMOK-32729	Rendering clip does not keep the framerate.	
SMOK-32845	Field Merge: 10/12-bit clips field is not mark as progressive.	

Key	Summary	Number of CER Users Affected
SMOK-33933	Ctrl+D Does not duplicate nodes in GMask.	
SMOK-33973	Gradient Node's default colours are not useful.	
SMOK-34030	Text setup file .ttg file Height and Width information error.	

Data Management

Key	Summary	Number of CER Users Affected
SMOK-22744	Project Conversion: Newly converted project does not appear in the list of available projects until restart.	
SMOK-29482	Defaults Resolutions list order needs to be sorted by size.	
SMOK-30420	Frames Free calculation broken in 2016.	
SMOK-31168	sw_purge -D doesn't delete orphan frames anymore.	
SMOK-31469	Crash on project switch when wire-pushing media to a Shared Library of project on different partition.	12
SMOK-31724	Cannot set custom path for new project setups. Error: METADATA: Invalid framestore ID (-1).	
SMOK-32528	Publish gets incrementally slower in a session.	
SMOK-35559	Rename Workspace is not a valid option.	

Editing Tools/ Timeline FX

Key	Summary	Number of CER Users Affected
SMOK-30338	Timeline CC Undo not Refreshing when open sequence is located under a schematic reel.	
SMOK-30605	Creating a timeline CFX with secondary track deletes media.	
SMOK-30632	Cannot gesturally edit (cut) when positioner focus is on empty layer.	
SMOK-30769	Different gestural editing result on clips with empty audio tracks.	
SMOK-31162	Crash when returning from 2D Transform Stabilizer entered from Timeline quick menu.	3
SMOK-31756	Renders after a trim are wrong when history is enabled.	
SMOK-31955	Timeline display when dealing with Time Display Mode in Frame.	
SMOK-32251	Source is showing in the Timeline when Sequence is selected.	
SMOK-32964	Focus doesn't switch to Sequence after an Editorial operation.	
SMOK-33561	Can't play an opened record timeline by pressing the Play button on the reel.	
SMOK-36485	TW incorrectly applied to Matte Container.	

Matchbox

Key	Summary	Number of CER Users Affected
SMOK-33023	Blur Transition's Y value doesn't work.	

Key	Summary	Number of CER Users Affected
SMOK-33624	Front Matte Offset in proportion.	
SMOK-33676	Crash loading a preset with a popup that has an invalid default value.	10

Media Import/Export

Key	Summary	Number of CER Users Affected
SMOK-29813	MediaHub: 12-bit RGB DPX from Resolve are seen BGR.	
SMOK-30008	Audio stereo export in foreground is not accurate.	
SMOK-30628	Link Original media option is not working with TIFF 16-bit files.	
SMOK-30813	Crash when exporting in Foreground with No Mixdown option selected.	
SMOK-31181	Export DNxHD with video level down about 2 %.	
SMOK-31526	Aspect ratio of NTSC QT file changes from 1.33 to 1.35.	
SMOK-31861	Suspend/Resume image sequence export give incorrect result.	
SMOK-32828	Crash in export if you set the aspect ratio to Clip Aspect.	
SMOK-32858	Publish of audio sequences does not set the right Source Index for discrete audio.	
SMOK-33194	Reset All in Format Options will reset the In/Out on consolidated media and make media disappear.	
SMOK-33935	Bit Depth indicator when exporting media defaults to 8-bit when actually publishing media.	
SMOK-34168	Alexa QT not importing with audio.	
SMOK-34418	Smoke not reading audio timecode correctly from Pro Tools.	
SMOK-35477	ARRIRAW: provided resolution from SDK is not the same as original file for 4x3 cropped content.	

Media Panel

Key	Summary	Number of CER Users Affected
SMOK-24381	Media Panel is hidden after loading an EDL/AAF/XML in Conform Tab.	
SMOK-29627	Media Panel shouldn't automatically scroll when the loaded item can be displayed on screen.	
SMOK-30650	Closing or collapsing a folder in the archive makes the top of the screen drop down.	
SMOK-31059	Cannot copy a segment in a library sequence if the sequence is not open.	
SMOK-31751	Assert when using clip info on sequence proxy after a reformat.	
SMOK-31911	Clip positions not retained when dragging clips in Media Panel Dual view.	
SMOK-32769	Crash overwriting unlink sequence into a different FCM sequence.	3
SMOK-33186	Hangs (too many open files) and library corrupted when manipulating libraries with Sorting Containers on.	

Key	Summary	Number of CER Users Affected
SMOK-35508	Dragging Move Sequence Tab crashes Smoke.	72
SMOK-37743	Lasso selection in freeform view selects clips in subfolder.	
Player		
SMOK-29972	Playing loops are not possible depending on the used Play keyboard shortcut.	
SMOK-32225	Potential crash when trying to jog in a player.	50+
Project & User Management		
SMOK-33366	New project dialog box doesn't remember the options from previous project.	
SMOK-33957	Framerate setting in project is not always honoured.	
Publish & Shotgun Workflows		
SMOK-30478	Publish of audio sequences does not export properly discrete audio.	
SMOK-33470	Shotgun job with a backburner manager remote fail.	
Shortcuts & Shortcut Editor		
SMOK-30030	Crash using the Coloured Frame shortcuts from Action's Clip Select menu.	
SMOK-30510	Some keyboard shortcuts do not work in the Flame profile on a Mac product.	
SMOK-32152	Selected clip in the Workspace is deleted if you use the Delete shortcut in the MediaHub modal window.	
SMOK-34412	Some shortcuts are still assigned to Insert on the Mac.	
SMOK-34626	GMask: Delete shortcut conflict between CFX and workspace.	
SMOK-35534	Keyboard Remap Removes Enter Editor key.	
Sparks		
SMOK-33819	Sparks: Lock Length is reset after entering Edit mode.	
Stone & Wire		
SMOK-37461	Hang at start up if sw_serverd is not responding.	48
SMOK-37501	Hang in Media Hub if sw_serverd is not responding.	5
UI		
SMOK-33091	UI glitch after tooltip appearance connecting nodes and tooltips not working in Schematic view.	

Key	Summary	Number of CER Users Affected
Views & Multiviews		
SMOK-26507	Action Timeline: Views persistency issue.	
Wire		
SMOK-30543	Progress is no longer displayed when reformatting.	
SMOK-32678	Assert on Wire of 8-bit clips with alpha channel (matte container).	2
Wiretap		
SMOK-30767	Wiretap SDK: Unable to create user in non-standard location.	
SMOK-34814	Smoke crashes due to permission of Autodesk support folders.	

Smoke 2017 Known Bugs

Key	Summary	Workaround
Action General		
SMOK-36533	Front clip become brighter when action keyer has any setting value (8bit clip only).	
SMOK-36613	Scene is not drawn properly at load time, user needs to change frame to update.	
SMOK-36770	Action Adaptive Degradation: crash increasing Resolution for non-flat Surface	
SMOK-37510	Divide broken on restored 2015 archives in 2017.	Add new layers and repipe in the front and matte and reapply the divide on new layer.
SMOK-37511	2015 Shadow Blur randomly not working in 2017.	Redo the blur.
SMOK-37659	Diffuse map offset with interlaced clips and perspective.	
SMOK-37839	Action TimelineFX becomes unrendered after scrubbing it if Timeline and layers FieldMode differ.	Inside the FX Media Tab, make sure the layer and background FieldMode (Progressive/Interlace) match the timeline fieldMode.
SMOK-38105	Look At link issues with 3D Camera.	
SMOK-38226	Diffuse Map schematic thumbnail does not auto-update consistently.	
SMOK-38296	Clear All leaves blank entries in media list.	
SMOK-38388	Action with Source and bit-depth adaptor isn't working properly.	Bypass the bit-depth adaptor by enabling the RGB LUT in the source sequences.
SMOK-38677	Camera Tracker/Analyzer crashes Flame on solve of a long clip (900 frames +).	
SMOK-39106	Action Timeline FX: Matte Output is not enabled - Bad comp when converting to CFX.	Fix the comp manually once in CFX by enabling the Matte output and parenting the Action outmatte to the Comp Matte In.
SMOK-39334	Alembic: 3D motion out of Action doesn't work properly.	
SMOK-39486	Transient keyframes remaining on the Animation curves when setting manual keyframes after tracking.	Apply an Average of 1 on the Shift channels in Stabilizer before exiting.
Action Object		
SMOK-38382	Erratic behavior when moving vertices of mimic linked surfaces.	Make sure you manipulate the vertices from the master image.
SMOK-38809	Modifying Working Camera invalidates Timeline rendered frames & CFX Cache.	

Key	Summary	Workaround
Action Rendering		
SMOK-37592	Cache is invalidated if Source nodes are present in Action scene.	
SMOK-37641	Live preview: need to toggle between views to display grids.	Toggle between schematic and result view to update your grid parameters.
SMOK-37721	Lens flare border FX objects not enabled for new render layer output.	
SMOK-37945	Crash adjusting overscan scale value after Action resize.	
SMOK-38196	Incorrect render using interlaced media in stereo objects or diffuse maps in an interlaced scene.	
SMOK-38513	Guides don't scale with overscan in 3D view.	
SMOK-38709	Overscan: Error with Source Node camera FOV value.	Manually adjust the Source node camera FOV to compensate.
Animation Editor		
SMOK-39263	CFX animation menu disappears.	
Archive		
SMOK-38826	Restore fails if absolute path plus file name has more than 259 characters in a segment.	Move segments to a directory path that reduces the number of characters of the path plus segment name to 259 characters or less.
AVIO		
SMOK-36666	BMD UltraStudio 4K display corruption on Broadcast in Stereo Dual-Output.	
SMOK-38252	AVIO / AJA Only: Corruption on VTR Input when RGB option has no Headroom in 5994i on a Mac.	Change the VTR mode in the Engineering tab (Eng) of VTR module to YCbCr -> RGB + Headroom.
Backburner		
SMOK-38471	Backburner On Job Completion settings not executed.	Manually delete the contents of /usr/discreet/backburner/Network/Jobs or run the /usr/discreet/backburner/purge_dirs script.
CFX		
SMOK-36874	CFX Action: Changes to Axis values are not updated in the 3D secondary viewport.	Hit preview of set the broadcast monitor to be focus in the result view.
SMOK-37397	Timewarp invalidation corrupts pipeline.	

Key	Summary	Workaround
SMOK-37681	Wrong TwoDOutputRes when loading 2DTransform/Autostabilise node from pre2016 setups.	
SMOK-38190	Overlay display vanishing while painting strokes after visiting reveal.	
SMOK-38299	Mux node FX range is not respected on "still" sources clips.	1) Bake a null effect into the repeated frame sequence and commit it. 2) Put the Mux node at the end of the chain.
SMOK-38695	GMask: Vertices selection may be lost when using pen button	Detach the pen from tablet surface before releasing the pen button.
SMOK-38780	Render not working correctly when Flush Cache and Re-Cache with updated BFX source clip.	After render is done - Copy clip to a library - Delete original clip from Desktop - Put copied clip back on Desktop - flush renders - render clip again OR -duplicate the clip and use it (delete the "original").
SMOK-38792	Crash when viewing Front on CBlend/MBlend node.	
SMOK-38807	CFX Timeline Result context view does not work correctly.	Select CFX Timeline Result in the view menu.
SMOK-39087	Slow GUI when 2DTransform uses Autoscale on long keyframes gap.	In User Defined mode, manually adjust to the exact same parameter as in Autoscale.
SMOK-39090	One horizontal line picture shift on resize node.	In resize node set the Y position to 1.00.
Conform		
SMOK-36860	TW not accurate on FreezeFrame created in MC.	
SMOK-37204	Modifying editable fields is not doing "LINK TO MEDIA FILE".	
SMOK-37431	AAF import: No matte container anymore on matte key effect.	
SMOK-38307	2DTransform is not translated accurately.	
SMOK-38606	Clip Name should not be used for Sources Sequence creation.	Before generating the Sources Sequence, remove the clip name in Conform View as bulk edit for all sequences sharing the same media, then generate the Sources Sequence.
Creative tools		
SMOK-36933	Spellcheck not working	

Key	Summary	Workaround
SMOK-38375	Matte Edge: Edge Softness is broken.	

Data Management

Key	Summary	Workaround
SMOK-39093	Need to run vic at least twice to recover a lost swdb.	Run vic twice.
SMOK-39184	Smoke stuck on exit (AUDIO: Uninitialising complete) until AUTO_BACKUPS are finished.	

Installation & Licensing

Key	Summary	Workaround
SMOK-39505	Smoke Mac DS 2017, License server selector updates 2016 cfg file.	When a wrong or unavailable server is configured, a pop-up indicated what file to modify. Modify the file manually /Library/Application Support/Autodesk/CLM.LGS/982i1_2017.0.0.F/LICPATH.lic.

Matchbox

Key	Summary	Workaround
SMOK-38150	Render with Include Handles of a Matchbox TimelineFX is slow for the first 10 frames.	

Media Import / Export

Key	Summary	Workaround
SMOK-36699	Pre-processing options are not included in UNDO / REDO stack.	
SMOK-36779	Failed sequence publish specific sequence as XML or AAF.	Consolidate sequence prior to exporting AAF or split timeline into 2 or 3 parts and export each part individually.
SMOK-36999	MediaHub reads sequence files (aaf) in frame base count.	
SMOK-37577	MP3 audio export codec not working with mixdown option using 4 tracks.	
SMOK-38170	Less than 100% timewarp without timing curves are not frame accurate when imported from FCPX.	
SMOK-38521	Reformat is broken with Field (interlaced material).	
SMOK-38638	When exporting, the various <name> tokens will not automatically prepend a . before the chosen file extension if there is already a . contained within the filename.	
SMOK-38683	Reset All button does not reset settings in Format Options.	
SMOK-38685	LUT import reading commented out /etc/export lines.	Delete any lines that are in the /etc/exports that are not in use.
SMOK-38842	MediaHub previewer: playback loses audio at 'start time' seconds from clip end.	Load the clip in Timeline to check it.
SMOK-39249	ARRI Alexa Mini MXF may show corruption on thumbnail/viewer changing ARRI settings.	

Key	Summary	Workaround
SMOK-39377	AAF audio export into Pro Tools has audio offsets.	Use zero handles (if possible).

Project & User Management

Key	Summary	Workaround
SMOK-39277	DNxHD compressed intermediate setting is not displayed properly after migrating project to 2017.	

Timeline FX

Key	Summary	Workaround
SMOK-38507	Burn: GMask Timeline FX is not rendered if it's the last effect in the pipeline just before Comp or Comp2D Matchbox.	Use the Discreet Spark "sparkComposite" to do the comp instead of the Comp FX.
SMOK-38731	TW node with Motion (frame interpolation) creates image corruption.	

UI

Key	Summary	Workaround
SMOK-37952	Colour Picker: float Luma resets to 1.0 for colours over 1.0.	

Wire

Key	Summary	Workaround
SMOK-38166	Background Wiring Cached Media Not Working after a Canceled Background Wire.	You can resubmit the job after exiting and restarting the application.