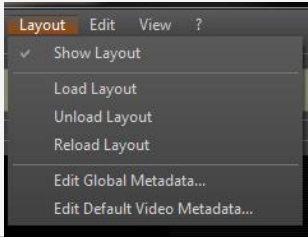
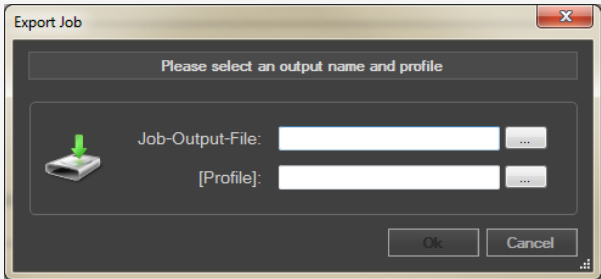
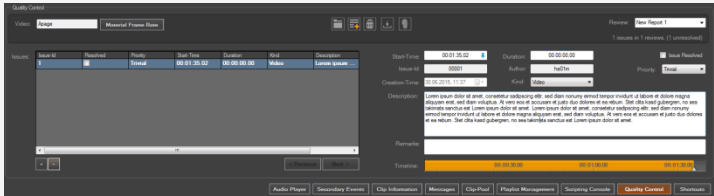
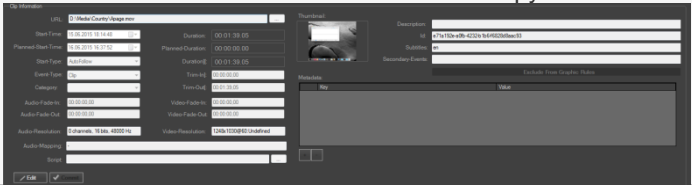
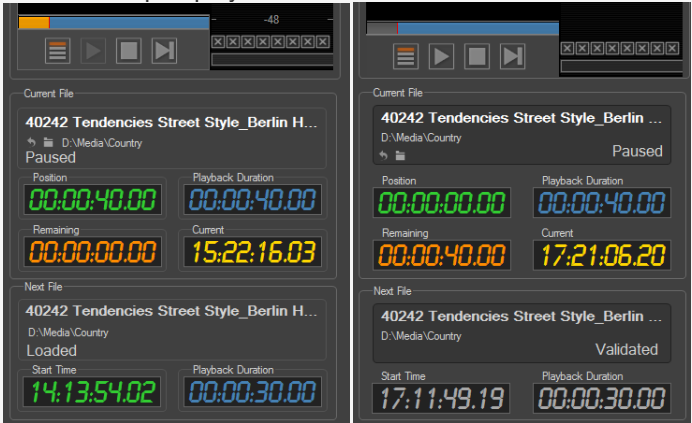




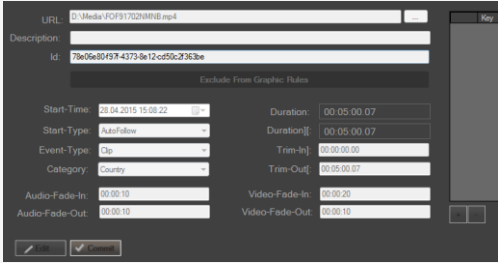
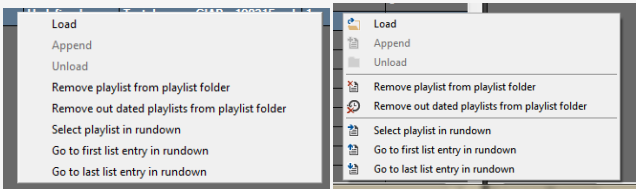
Version	Changes
2016-09-15	<ul style="list-style-type: none">Exposing BaseUI for UI SynchronizationContext in scripting
2016-08-03	<ul style="list-style-type: none">DekTec Output: added log message for blue frames
2016-07-26	<ul style="list-style-type: none">Added option to interpret material ids as file name prefix, if no file with exactly matching name is found <div></div>
2016-06-22	<ul style="list-style-type: none">Added option to clear rundown on auto append (when absolute mode is enabled as well)
2016-06-02	<ul style="list-style-type: none">Added bin as file extension for snapshots in order to dump raw image data
2016-05-27	<ul style="list-style-type: none">Added option to skip missing autofollow clipAdded option to show maintenance image on pause (absolute start)
2016-05-20	<ul style="list-style-type: none">Added absolute time column as default sort in secondary event editNow sorting secondary event in shortcut columns
2016-05-18	<ul style="list-style-type: none">added additional playback channel for "effect audio"
2016-05-13	<ul style="list-style-type: none">fixed bug in file reader: seeking MXF to the beginning caused crash
2016-05-12	<ul style="list-style-type: none">Improved MPEG-2 video encoding for ASI outputAdded support for arbitrary DekTec ASI output devices when encoding with libav
2016-05-04	<ul style="list-style-type: none">removed gloss from time to live clockstime to live clock now uses session time instead com system time for calculation
2016-05-02	<ul style="list-style-type: none">Added session monitor color captionAdded blend properties to synchronization
2016-04-28	<ul style="list-style-type: none">Added stop command for worldtime and clip relative calls. Clip relative do not yet work with main videoplayer.
2016-04-25	<ul style="list-style-type: none">Fixed issue in DekTec input that relates to recent changes in DekTec output
2016-04-22	<ul style="list-style-type: none">Fixed preferences dialogue for advanced loggingImproved DekTec SDI output stabilityFixed YUV output bug: invalid stride led to completely garbage video output

2016-04-21	<ul style="list-style-type: none"> Updater now supports updating from other volumes than C:
2016-04-20	<ul style="list-style-type: none"> Added absolute time column to secondary event editor. This column can be sorted by user. Added some offset and percent sanity checks in secondary event editor.
2016-04-19	<ul style="list-style-type: none"> Auto append now supports absolute time of day additionally to appending relative to rundown end Fixed behavior of DekTec SDI output: pool size was not processed properly Fixed VDCP not reflecting HDP playing state when not triggered through VDCP Fixed error in VDCP when calling script while rundown is changed
2016-04-18	<ul style="list-style-type: none"> Fixed bug: Session ran too fast when there was no output defined
2016-04-13	<ul style="list-style-type: none"> Added VDCP support with script-customizable behaviour
2016-04-08	<ul style="list-style-type: none"> Changed MPEG-2 encoding parameters to precisely adopt the meaning of MPEG-2 "profile"
2016-03-04	<ul style="list-style-type: none"> Session Monitor total gap duration can now be resetted by double clicking
2016-02-16	<ul style="list-style-type: none"> Option to enable auto append when rundown is stopped
2016-02-12	<ul style="list-style-type: none"> Monitor now logs actions to windows event log
2016-02-04	<ul style="list-style-type: none"> Added local and online manual menu items
2016-02-02	<ul style="list-style-type: none"> Changed numbering of video output port beginning at 1 Changed default file reader backend to ffmpeg/libav Added method to reset the audio level at the beginning of a clip Improved life cycle of file readers
2016-01-28	<ul style="list-style-type: none"> Enhanced bypass and live input monitoring, cleanup bypass and matrix switcher settings
2016-01-26	<ul style="list-style-type: none"> Live clips trim in will now be set to zero on validate respecting former trimmed duration. Added optional compositor editing resolution to hdp ui
2016-01-07	<ul style="list-style-type: none"> Live input analysis only is performed when mode is autoswitch. Fixed new introduced bug in image analyzing.
2016-01-04	<ul style="list-style-type: none"> Added open managed playlist directory entry to context menu Added playlist preview context menu item copy filename to clipboard
2015-12-16	<ul style="list-style-type: none"> User can now edit planned start in clip information as it is in rundown view (HDP-301)
2015-11-26	<ul style="list-style-type: none"> Added Aja Kumo matrix switcher support
2015-11-02	<ul style="list-style-type: none"> Simulcast did not use open caption subtitle support (HDP-269)
2015-10-30	<ul style="list-style-type: none"> Simulcast outputs did not work in uyvy mode (HDP-267)

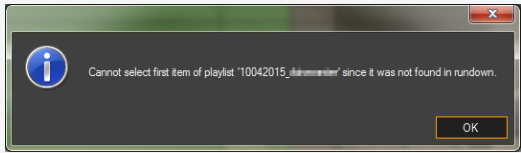
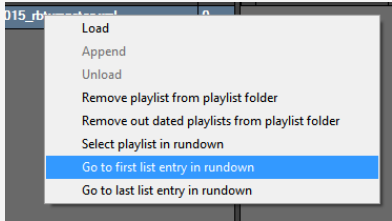
2015-10-26	<ul style="list-style-type: none">○ Added simple Simulcast support (HDP-256)
2015-09-04	<ul style="list-style-type: none">○ Added “Show Layout”, “Load Layout” and “Unload Layout” menu option. <div data-bbox="377 211 687 449"></div>
2015-08-18	<ul style="list-style-type: none">○ Added frame rate column to rundown view (HDP-212)○ Improved clip info sample image memory usage
2015-08-07	<ul style="list-style-type: none">○ Clip trimmer now uses correct decoder/file reader as configured by user in preferences (HDP-201)○ Added button to scroll to next clip and open next clips media folder
2015-08-05	<ul style="list-style-type: none">○ Added seeking to quality control issue bar○ Added region based quality control ui○ Added settings option for date based auto generated report names
2015-07-17	<ul style="list-style-type: none">○ Quality control priority and kind wording pools are now user configurable
2015-07-16	<ul style="list-style-type: none">○ Added export rundown as assembler job menu item. (HDP-185) <div data-bbox="377 963 983 1243"></div>
2015-07-02	<ul style="list-style-type: none">○ Added preconfigured monitoring output○ Added ability to disable separate outputs and keep settings
2015-07-01	<ul style="list-style-type: none">○ Clip-wipes can now be used without layout○ Fixed hdp disposition error
2015-06-30	<ul style="list-style-type: none">○ Added quality control companion view. (HDP-166) <div data-bbox="377 1502 1098 1698"></div>
2015-06-24	<ul style="list-style-type: none">○ Companion view visibility can now be configured in ui preferences and fetched from web service (HDP-165)

2015-06-18	<ul style="list-style-type: none">○ Added block code, blend duration and blend type to clip information○ Control+J now opens jump to time dialog when clip is paused
2015-06-16	<ul style="list-style-type: none">○ Audio and video rundown now have separated restore playlist options (HDP-157)○ Export selection as playlist did not work. (HDP-158)○ Added video resolution, audio resolution, audio mapping, planned start time, planned duration, script chooser, thumbnail, secondary event shortcuts and subtitle list to clip information.○ Clip information description text is now read only and not disabled in none edit mode to allow user to copy text <div></div>
2015-06-15	<ul style="list-style-type: none">○ Preview was truncating content under certain circumstances on resize (HDP-154)○ Video resolution was not loaded on rundown restore. (HDP-155)
2015-06-12	<ul style="list-style-type: none">○ Pressing next when current clip was paused jumped to next of selected clip instead of next to paused one (HDP-147)○ Minor cleanup of playback ui <div></div>
2015-06-11	<ul style="list-style-type: none">○ AudioChannel settings where not copied when copy and pasting a mediafile (HDP-151)
2015-06-02	<ul style="list-style-type: none">○ Fixed support for subtitle files without id pattern. (HDP-145)○ Added user customizable deletion threshold for file loggers (HDP-109)○ Added simple stl (Spruce subtitle format) support (HDP-137)
2015-05-28	<ul style="list-style-type: none">○ Clip information url field is now read only and not disabled in non edit mode. This allows user to select and copy text field.○ Old managed playlists are now moved in the _removed folder and deleted from it after user specified time span (HDP-108)○ Added user customizable deletion threshold for TS recordings (HDP-9)
2015-05-21	<ul style="list-style-type: none">○ Rundown has new subtitle languages column to show available languages for media file (HDP-5)

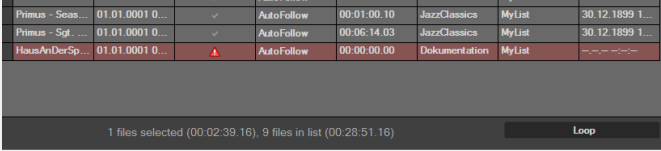
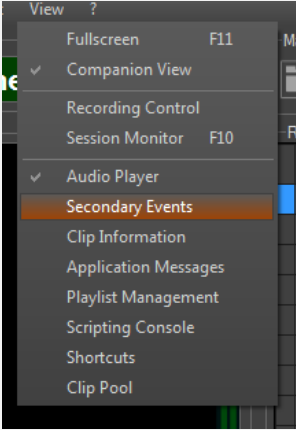
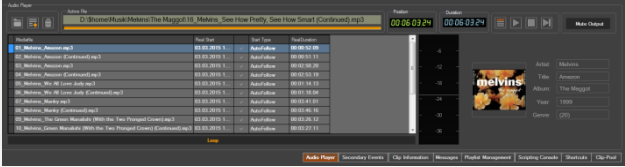
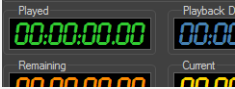
	<ul style="list-style-type: none"> Subtitle existence is now checked on validate, too (HDP-134) Rundown listing now has a secondary event column containing comma separated secondary event abbreviations (HDP-135)
2015-05-20	<ul style="list-style-type: none"> Added modifiable on air state button to indicate hdp on air state. (HDP-133) <div>   </div>
2015-05-12	<ul style="list-style-type: none"> Global metadata values with empty user input are now supported. (HDP-121) Context menu in rundown now appears after the first click. (HDP-120)
2015-05-09	<ul style="list-style-type: none"> A looped clip is now getting stopped by a following absolute start clip (HDP-6)
2015-05-08	<ul style="list-style-type: none"> Changing Auto-Append time in preferences now updates ui in managed playlist. Fixed non working auto-append / re-append broken since last version Jump to time dialog now uses current file readers sample rate for seeking and parsing and displays time in output rate, too. (HDP-113) <div>  </div>
2015-05-07	<ul style="list-style-type: none"> Added keyboard shortcut overview to application menu (HDP-110) Clip Information time code value texts like trim-in, trim-out and fade durations are now masked texts (HDP-111) Jump to time dialog text now has focus when dialog gets visible
2015-05-06	<ul style="list-style-type: none"> When Playlist live events contain duration information they no longer get overwritten by standard event live event duration. (HDP-105)
2015-05-05	<ul style="list-style-type: none"> Optimization in auto bypass handling including optional live input snapshot on signal abruption (HDP-60) Added simple jump to time code dialog (HDP-104) <div>   </div> <ul style="list-style-type: none"> Fixed an issue where absolute start clips did not start playback when their time was in the past (HDP-103) Added user log message when deprecated absolute start clip is

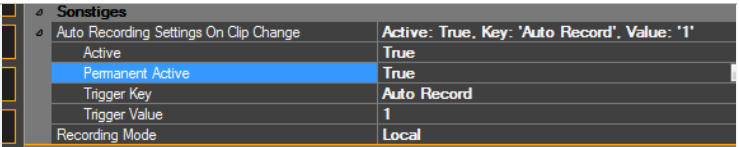
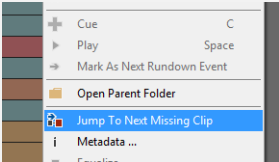

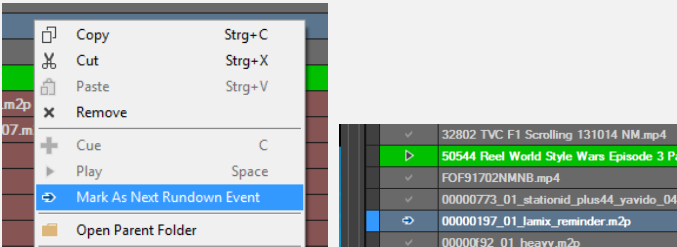
	<div>set to autofollow</div> <div>○ Added several native log messages for file source ab</div>
2015-04-30	<div>○ Added planned duration column to audio player</div> <div>○ Fixed inaccurate audio player real start</div>
2015-04-28	<div>○ Added audio and video fade in and fade out properties to media file information</div> <div></div> <div>○ Fixed realstart calculation in x-fade mode</div> <div>○ Added presentationTime uniform to effects</div>
2015-04-24	<div>○ Added category column to managed playlist view</div> <div>○ Audio player main track level now gets stored to settings and restored on startup</div> <div>○ Optimized real start calculation</div>
2015-04-21	<div>○ Audio player now shows file remaining time, rundown end</div> <div>○ Only current file name in audio player is shown the path was too long and mostly truncated</div> <div>○ Double click on audio player splitter resets splitter position</div>
2015-04-20	<div>○ Added user log message when auto appending playlist</div>
2015-04-16	<div>○ Audio player restores its playlist on restart the way the video rundown does when activated (HDP-93)</div> <div>○ Audio player loop / autodetach setting is now exclusive and stored to / restored from settings (HDP-92)</div> <div>○ Audio player column order is now stored to and restored from settings (HDP-91)</div> <div>○ Added starttype color coding and media state color coding to audio player ui (HDP-90)</div>
2015-04-15	<div>○ Performance improvements in playlist handling containing live events</div> <div>○ Added icons and separator items to managed playlist context menu</div> <div></div>
2015-04-14	<div>○ Managed playlist was not unloaded from view when loaded and removed by context menu (HDP-71)</div>

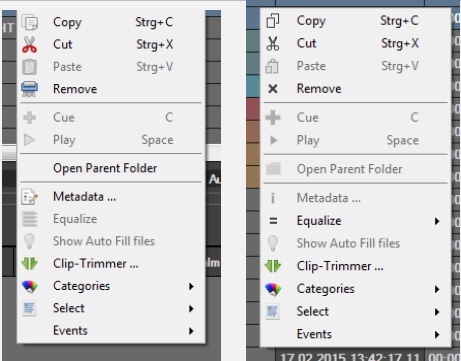
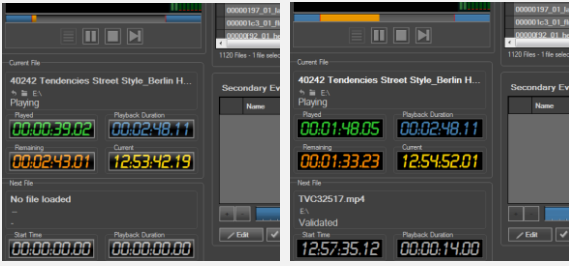
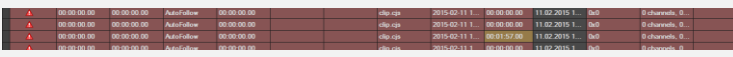
- Added User Feedback. When using selection commands from managed playlist context menu on lists not contained in rundown the user will be presented a message box. (HDP-86)
- Added User Feedback. When using remove outdated playlists from list user will be presented a dialog showing the number of removed playlists (HDP-87)

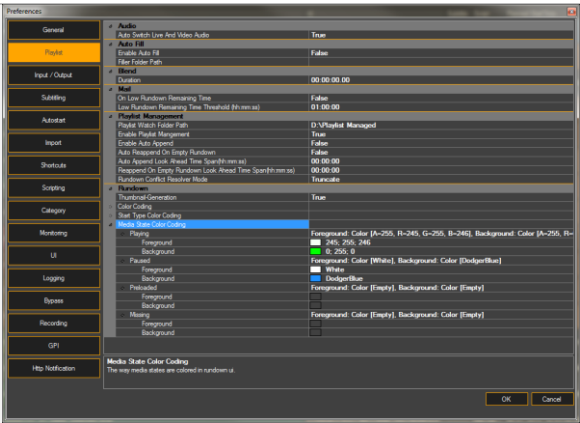


	<ul style="list-style-type: none"> ○ Added User Feedback. When using selection commands from managed playlist context menu on lists not contained in rundown the user will be presented a message box. (HDP-86) ○ Added User Feedback. When using remove outdated playlists from list user will be presented a dialog showing the number of removed playlists (HDP-87) <div data-bbox="376 304 771 525" data-label="Image"> </div> <div data-bbox="376 561 902 714" data-label="Image"> </div>
2015-04-09	<ul style="list-style-type: none"> ○ Added user feedback when outdated file are skipped on rundown add (HDP-85) ○ Fixed a drag and drop order issue in combination with multiple selection (HDP-83) ○ Fixed arrow key control issue in managed playlist view ○ Optimized playlist loading performance in some playlists containing playlist items without guid
2015-04-01	<ul style="list-style-type: none"> ○ Fixed some issues regarding secondary event string parameters ○ Fixed copy & paste insertion order in rundown editor ○ Fixed copy & paste insertion position in multiple selection
2015-03-30	<ul style="list-style-type: none"> ○ Added fade to and from black ○ Selected file duration is now shown in frames ○ Adjustments to duration display ○ Managed playlist view now loads selected not current item in list on load context menu ○ Added audio fade-in and out ○ Fixed planed duration playlist load issue in some playlists
2015-03-20	<ul style="list-style-type: none"> ○ Category column now is colored ○ Audio player does now use category dict

2015-03-17	<ul style="list-style-type: none"> ○ Added category column
2015-03-11	<ul style="list-style-type: none"> ○ Added rundown and selection count, duration status information label to audio player  <ul style="list-style-type: none"> ○ Fixed audio player loop mode ○ Added ID3V2 support ○ Added missing view menu items for audio player and secondary events 
2015-03-05	<ul style="list-style-type: none"> ○ Fixed settings not saved after import ○ Fixed UI not updated after settings import
2015-03-03	<ul style="list-style-type: none"> ○ Added simple audio player to companion view 
2015-03-02	<ul style="list-style-type: none"> ○ Renamed “Played” to “Position” 
2015-02-24	<ul style="list-style-type: none"> ○ Added new permanent active mode to auto recording on clip change setting

	
2015-02-23	<ul style="list-style-type: none"> Subtitle column now does work again when files get added. May be changed to show all found languages in later release.
2015-02-18	<ul style="list-style-type: none"> Added 'Jump To Next Missing Clip' to rundown context menu <div data-bbox="373 466 654 628">  </div> Station Id is now displayed larger and in bold font <div data-bbox="373 704 1010 761">  </div> Added "Mark As Next Rundown Event" context menu item to rundown. This item will be played after the currently playing clip. Only one element can be marked as next rundown element, only valid items can be marked as next to play, when another clip is playing or paused. <div data-bbox="373 1037 1056 1285">  </div>
2015-02-17	<ul style="list-style-type: none"> Next clip information is now shown always and not only when clip is preloaded Removed glass look from various ui elements Replaced many rundown context menu icons with alternative in windows 8 look and feel

	 
2015-02-13	<ul style="list-style-type: none"> ○ Improved ui responsiveness on rundown validation, rundown element removal rundown append and general handling ○ fixed background color coding issue when plan and trimmed time differ (was resetting whole line background and using unreadable saturated orange background) 
2015-02-12	<ul style="list-style-type: none"> ○ Improved datagridview context menu column sorting ○ Added more meta information to secondary events (#abbreviation, #realm) , corresponding columns to ui, and persistence in playlist ○ Added sorting to secondary event columns in secondary event edit view
2015-02-11	<ul style="list-style-type: none"> ○ When rundown visual settings are fetched from server the local and remote states will be compared for equality to reduce changes to rundown list ○ Added local color settings ○ Better handling of default media state coloring when empty color is set (use default)

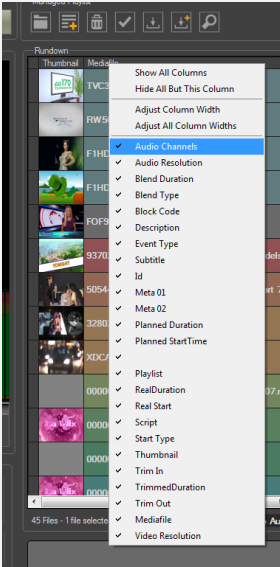


2015-02-09

- Renamed On Air / Backup to Master/ Backup
- Better error handling in managed playlist metadata on hdp startup

2015-02-05

- Menu items in rundown column context menu are now sorted
- Rundown columns can now be fetched from web server
- Added show all, hide all but, adjust column and adjust all columns to context menu



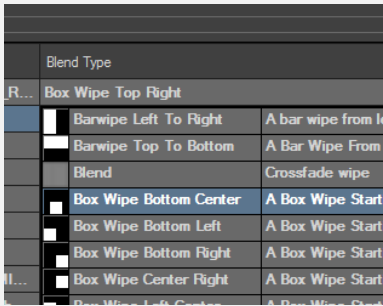
2015-02-03

- Added custom media state and start type coloring.
- Rundown action and option button configuration can be fetched from webservice
- Added hex color category support

2015-01-27

- Added wipe type column and editor to rundown ui

- Removed blend column from rundown ui. Blending now can be deactivated by selecting none in blend type



2015-01-13

- Added optional rundown color coding fetching from webserver

2015-01-08

- Added category auto fetch
- Fixed broken rundown column in playlist

2015-01-07

- Output vumeter is now integrated in program groupbox
- Input vu meter for video is now moved to Input groupbox
- VU panel display mode gets now stored in and restored from settings
- Added overlay vu meter mode for output and input
- Changed hdp icon



2014-12-17

- Added snapshot export to file menu

2014-12-11

- Added input switch in live preview context menu
- Added fullscreen option for live preview
- Settings are now stored less frequently on ui changes
- Added event rules
- Added event rule fetching
- Added secondary events
- Added multipurpose clip relative callbacks for scripting
- Added http notification preference tab
- Added default video metadata
- Added default video metadata fetching
- VU panels now have non discrete look
- Performance optimizations in preferences ui
- Broadcast protocol now has more information

	<ul style="list-style-type: none"> ○ Added change log to help menu
2014-11-08	<ul style="list-style-type: none"> ○ Added blockcode to mediafile ○ Added blockcode in rundown table
2014-10-06	<ul style="list-style-type: none"> ○ Description and Id are now used in file search ○ Fixed rundown drag drop trashing some media file properties ○ Fixed script path and category may not have been set when using copy and paste ○ Fixed problem disposing simple log panel, may have been related to hdp shutdown issue ○ Added description and id to clip summary view
2014-09-30	<ul style="list-style-type: none"> ○ Added GPI settings page with more detailed gpi options ○ Added GPI clip start type ○ Added GPI option to mark next gpi clip absolute start
2014-09-26	<ul style="list-style-type: none"> ○ Added full screen option to preview context menu, removed borderless option ○ Added DTMF generator to scripting capabilities ○ Added scripting capabilities for EEPus excel 2007/2010 spreadsheet ○ Added video resolution combo box ○ Added pixel format combo box ○ Added GPI active option to preferences ○ Updated Quancom dlls to new version ○ Enabled GPI in 64 bit version