



1 Software

1.1 Compatible modules and software versions

IP DIRECTOR		MULTICAM Compatible package
Routing	06.10.90	11.01.77
Synchro DB	06.10.90	
IP Drive	06.10.90	
IP Director	06.10.90	
Database	06.10.90	
IP Scheduler	06.10.90	
VTR Engine	06.10.90	
IP API	06.10.90	
Remote Installer	06.10.90	
User Manager	06.10.90	
IP Browse	06.10.90	
IP Clip Logger	06.10.90	
Software Player	02.01.134	

Upgrade procedure to version 6.0 :

- from IPDirector 5.X : **Procedure_Upgrade_IP5.X_to_6.pdf**

DB Servers must be upgraded with the latest SQL Toolkit.

- Latest SQL toolkit version : **Install_SQL_Toolkit_6.00.02.exe**

To deploy IPBrowse or IPClipLogger, refer to the document :

- **Application_Note_Small_Apps_Deployment_6_0.pdf**





1.2 Operating System compatibility

IP Director 6 is compatible with

- **Windows XP**
- **Windows 7 32 bits**
- **Windows 7 64 bits**

1.3 License

Some IPDirector modules are subject to license which can be activated in XSecure software.

IPDirector module	Corresponding XSecure code	Comment
IP Engine	11	License installed on the Database workstation.
IP Web Engine	12	License installed on the Database workstation.
IP Access	15	License installed on the IPDirector workstation.
IP Logger	20	License installed on the IPDirector workstation.
Ingest Scheduler	40	License installed on the IPDirector workstation.
Production Playlist	50	License installed on the IPDirector workstation.
IP Edit	60	License installed on the IPDirector workstation.
IP Media Viewer	70	License installed on the IPDirector workstation.
IPBrowse/IP Web Browse	90	Floating license : License is installed on the Database workstation – Define the number of concurrent IPBrowse/IP Web Browse access allowed on the system.
Clip Logger	100	Floating license : License is installed on the Database workstation – Define the number of concurrent ClipLogger access allowed on the system.



2 What's new (from 06.08.60) ?

2.1 New requirements

Req ID	Summary	Module	Description	Projects
1671	Bin rules/Post Process for Edit + Post Process on Timeline	Bin Management	Bin rules and post-processes are now available for edits and timelines in bins.	PANORAMA
1675	Help menu to show user manual	IP Browse		
1719	Check if installed routing service is compatible with IP Browse version	IP Browse		
1731	Protect IPBrowse configurator with admin login	IP Browse		
1665	Review Audio Desync Display Management	Ip Edit	<p>Audio out-of-sync display is now available for timeline converted from playlist. The new out-of-sync detection algorithm is based on source material and overlap length between element and is no more based on clip ID dropped in timeline.</p> <p>Out-of-sync indicators appears when a timecode drift is present between video and audio elements that have a partial or full overlapped portion and coming from the same source.</p> <p>Grouped selection of elements in the timeline (mouse click with shift key) does follow the same overlap and</p>	CBS NBC 30 Rocks





			source rules. Limitations: restriped clip are not managed.	
1668	Display Contiguous element in timeline (video or audio)	Ip Edit	A graphical indicator (=) is now displayed between contiguous elements (audio and video) in the timeline (e.g. after a split).	CBS
1619	In IPDPlugin, do not allow a user to perform a full rescan of a nearline storage.	IPPlugin	"In IPDPlugin, "rescan nearline" is no more available in the contextual menu.	SKY News Arabia
1732	Have a Security to check if there is a version incompatibilities in routing of IPDirector and IPD plugin	IPPlugin		
1716	Automatically import edits in IP Scheduler	IpScheduler Service	Possibility to automatically import an edit when an EDL XML is dropped into an IPScheduler watch folder.	PANORAMA
1481	Priority on nearline improve the way the priority is managed by taking the local storage into account	Near Line Media Mgmt	If the system manages several nearlines, some nearlines can be local and others can be distant. In that case, the system preloads local content first then distant footage (only in case the local content is not available). This is done to minimize the bandwidth on the setup.	PANORAMA
1677	Deploy IP Browse Configurator with Remote Installer	Remote Installer	IPBrowse can now be deployed from the remote installer application. See "Application_Note_Small_Apps_Deployment_6_1" document for more information.	





2.2 Bug fixes (from version 6.08.60)

Defect ID	Summary	Module	Customer	Detected in Build
78741	AB Roll playlist shows channels from A-Z. It was only possible to play the first 4 videos which were channels A,B,C, and D	AB Roll Playlist	Sky News - Arabia	IPD 06.08.52
77175	IPD_EditCreated event sent each time the edit is saved by CE	API	Panorama - Media Office;Sky News - Arabia	IPD 06.08.45
78117	INEWS Browser - IPLINK unable to get information (API restrat solved)	API	Sky News - Arabia	IPD 06.08.52
78138	API GetAllChannelInformation_V01_01 always returns a "null" Umid	API	Panorama - OB;Panorama - Media Office	IPD 06.08.54
76921	Gang Clip Creation Order Issue. File name does not correspond to the order of the gang group.	Channel Explorer	GLOBAL TV	IPD 05.99.42
65437	Software player uses a bad storage priority when configuration was never saved with services turned off	Clip Management	FOX Remote File Delivery	IPD 05.91.80
69246	Opening the Save Clip window takes about 50 seconds with 1000 bins	Control Panel	ESPN - Studio	IPD 05.91.40
78036	When switching plugin too quickly in the DBExplorer, playlist does not show up in the grid.	Database Explorer	Sky News - Arabia	IPD 06.08.46
78193	GPI Shortcut doesn't work	Ip Edit	BeTV	IPD 06.08.45
77796	Timeline name or rename with russian characters doesn't work.	Ip Edit	Panorama - Media Office	IPD 06.08.44
75873	IPEdit does not display out of Sync Audio	Ip Edit	CBS Canada	IPD 05.99.42
78744	Bad number of audio when exporting an edit using IPDPlugIn	IPD Plugin	Sky News - Arabia	IPD 06.08.52



79148	Create an edit with VO and send it back to nearline, transfer is not performed and the system returns an error	IPD Plugin	Panorama - Media Office	IPD 06.10.80
77992	Opened edit cannot be renamed	IPD Plugin	First Gulf;Sky News - Arabia	IPD 06.08.52
78007	Bad number of audio when exporting an edit using IPDPlugin	IPD Plugin	Sky News - Arabia	IPD 06.08.52
78786	Popup message "program busy" in cleanedit when working in IPDplugin	IPD Plugin	Sky News - Arabia	IPD 06.08.45
78037	XML Units goes OFFLINE in IPDPlugin logs	IpScheduler Service	Sky News - Arabia	IPD 06.08.52
78769	Keywords appear in opposite order of selection in the logsheets	Keyword Grid	ESPN - Xgames	IPD 06.08.45
77290	An "elastic" effect is noticeable when browsing in Jog mode with the Remote B	Remote B	Channel 9;Foxtel	IPD 06.08.48
77280	Soft Locks of the Jog wheel occur frequently in Jog browse mode	Remote B	Channel 9;Foxtel	IPD 06.08.48
75919	If you sort the targets in the RI Configure, the published groups are not displayed anymore	Remote Installer	THE LONDON STUDIOS	IPD 05.99.31
78508	SynchroDB Memory leak managing three servers. Impossible to load an ABRoll Playlist.	SynchroDB Service	Sky News - Arabia	IPD 06.08.45
78119	Playlist corruptions when upgrading from 5 to 6	Upgrade	Sky News - Arabia	IPD 06.08.52
77888	Description of logs is lost with unicode when upgrading from 5.9 to 6.0	Upgrade	Sky News - Arabia	IPD 06.08.52
78035	Upgrade Description of logs is lost with unicode when upgrading from 5.9 to 6.0	Upgrade	Sky News - Arabia	IPD 06.08.52



3 Hardware

3.1 Supported hardware for IPD v6

3.1.1 Recommended hardware (i5 and i7 processors)

The recommended platforms for running IPD 6 are the latest i5 (1U) or i7 (3U) IPD workstations.

3.1.2 IP Director 1U workstation (Core Duo processor)

It is technically possible to run IPD 6 on this hardware but it is not recommended. The reactivity of the interface will not be as good as with previous versions and you will experience slowness in the application.

We strongly recommend that this hardware is upgraded to the latest i5 or i7 workstations. Please contact your local EVS sales contact for upgrade options.

3.1.3 IP Director 1U workstation (Pentium mobile)

This hardware is NOT supported with IPD v6.

3.1.4 IP Director 3U workstation (Tyan - Pentium 4 CPU)

This hardware is NOT supported with IPD 6.

3.1.5 IP Director 3U workstation (INTEL - Dual Core CPU)

This hardware is still supported with IPD 6.

3.2 MOXA boards

The MOXA RS422 cards are NOT supported with IPD 6.

3.3 New AVH Driver & Firmware !!!

Since version 5.99.XX, IPDirector has **a new AVH Video driver (v 1.3.1.0) and a new AVH Video Firmware** to manage 16 audio tracks for elements. This driver and firmware are compatible with older releases. So if, for whatever reason, you need to downgrade your IPDirector software, you don't need to reinstall the old AVH Video driver and firmware (provided with older IPDirector versions).

The installation of the driver and firmware is done automatically with the package deployment. The AVH Video should reset after installation.

If unfortunately the AVH Video board seemed not to respond properly after the upgrade, please turn off and unplug the station for 10 seconds before restarting.

Since version 5.99.XX, IPDirector has **a new AVH RS422 driver (USB Serial Converter v 2.8.14.0)**. This driver is compatible with older releases. So if, for whatever reason, you need to downgrade your IPDirector software, you don't need to reinstall the old AVH RS422 driver (provided with older IPDirector versions).

The installation of the driver is done automatically with the package deployment. On IP-Drive and API stations, the installation window of the driver may not finish properly. Just close the window if that happens.



3.4 Use of Software player.

The IPDirector can be used to browse content (EVS Server content or files) from the software player. This software player takes CPU resources on the IP Director workstation to decode the images. Be careful when designing your setups to take this information into consideration and especially for standalone workstations because the IP Director shares CPU resources with other services (synchro DB, routing, SQL2005). These services when loaded can use a large amount of CPU resources.

3.4.1 Physical memory

IPDirector 6 needs 2 GB of RAM. A warning will be raised every time the IPDirector will be started if the workstation doesn't meet this requirement. The virtual memory should also be adapted to 1.5x the physical memory size.

3.4.2 IPDirector 1U workstation (Core Duo processor)

IP Director 1U workstation based on the Core Duo processor (MB 899 T2300 CPU) can be used with the software player but:

- **Is not suitable for use when decoding HD images**, the CPU reaches 100% and the whole application becomes very slow.

3.4.3 IPDirector 1U workstation (Intel Core i5 660 3.3 GHz, motherboard COMMEL LV-67C)

This workstation is suitable for use with a software player whatever the codec.

3.4.4 IPDirector 3U workstation (INTEL Dual Core)

We have **not encountered any problems with IP Director 3U workstations** based on the Intel motherboard (DG965 or DG33).

3.4.5 IPDirector 3U workstation (i7 motherboard X8ST3-F)

This workstation is suitable for use with a software player whatever the codec.

3.5 Use of IP Drive

IPDirector can be used to browse nearline footage including removable hard drives connected to a workstation (XFile, XStore, ...). When using IDE drives, be sure only one access to these drives are made at one time otherwise the bandwidth performances will be very poor (i.e recording and browsing on such drives at the same time, or browsing and restoring at the same time).

3.6 Multicam 11 configuration

IPDirector now connects to the EVS Server's MTPC board (PC LAN) to access to the multicam 11 configuration web tool. This network card must be connected and correctly configured in order to access to the multicam 11 configuration from IPDirector.



It is largely advised to check the multicam 11 channel configuration after upgrade, especially because the serial link redundancy is lost in spotbox configuration lines. A second port must be assigned to EVS IPDP protocol to ensure the redundancy.

3.7 Supported Storages

The following storages are officially supported as Nearline with IP Director 6:

- EVS (all storages)
- Omneon MediaGrid
- Isilon X-Series

Refer to the application note **Application_Note_Nearline_config_6.0.pdf** for more information.

3.8 Jumbo frames

Warning: With IP Director version 6.0 it will not be allowed anymore to have a mixed configuration with workstations configured in jumbo frame and others configured in non jumbo frame. Such a configuration will not work in IPDirector 6.0 or above.

If in your setup you have IP Director or IP Browse workstations which cannot be connected in jumbo frame, all your setup should be configured in non jumbo frame including the ones which need to access the XT series servers via the gigE connection (typically to browse XT content from the software player).

For an IPDirector/IP Browse configured in non-jumbo frame :

In lo-res browsing, when accessing an XL server or LowRes Files:

- No difference will be encountered with just a few workstations browsing the same XL
- A little lag will be encountered with more than 10 workstations browsing the same XL
- A visible lag (2X less reactivity) will be encountered with more than 20 workstations browsing the same XL

In hi-res browsing, when accessing an XT series server :

- No difference will be encountered with just 1 workstations browsing the same XT
- A little lag will be encountered when 2 workstations are browsing the same XT
- A visible lag (with freeze) will be encountered with more than 2 workstations browsing the same XL

XT Access workstations still need to be connected to the server in jumbo frames in order to have the best performances when backing up/restoring.



4 New functions

4.1 New features

4.1.1 IP Browse (REQ 654)

Please refer to IPD_v6_feature_IP_Browse.pdf

Note: Requires an added license on the computer which hosts the Database

4.1.2 IP Notes

Please refer to IPD_v6_feature_IP_Notes.pdf

IPNotes may be downloaded from the iTunes Store.





4.1.3 Other new features

Defect ID	Summary	Module	Description	Projects
1241	ABRoll - Automatically recue elements in between the cued lines when the rundown is changed	AB Roll Playlist	When an element si inserted between the cued lines, all elements are automatically recued. This behaviour is controlled by a parameter in the Remote Installer and de-activated by default.	BBC
1228	API Send to	API	Get the list of targets. Have all possibilities to send clips/edits/playlists/timelines to these targets.	BBC
1298	API enhancements	API	See API doc for full list of available functions. The main enhancements are: possibility to search using the free text search, search on node (bin), transfers and transfert statuses.	BBC;EURO 2012;HBS;RTL-TVI Studio
1524	API : integrate edits	API	All functions linked to the new Edit object	
1525	API : extra tags in the clips details	API	- In General_Infos, File_Growing growing tag. - In General_Infos, File_Format_HiRes tag. - In XFile_File_Infos, XT_Nb_Videos tag.	
833	Name the server channels from the IPD interface	Channel Management	Done through the multicam Web config tool.	
1122	Mix on one channel	Channel Management	Support mix on one channel for playlists.	
1212	Provide correct information in logs to IPD even when not in debug mode	Channel Management	Have correct transport information in logs for all playout systems.	
1222	Channel configuration dual rec/V3x - Manage 8 logical channels	Channel Management	Manage 8 logical channels	
1223	Channel configuration integration of new multicam configuration architecture	Channel Management	Integration of the new multicam config screens. This is transparent for IPD.	



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1225	Channel configuration Possibility to call the "XT configuration web tool" from the IPD interface	Channel Management	The tool is started from channel explorer : right click on server - configure server	
1615/1104	Virtualisation of the Varld and bringing it at asset level.	Clip Management	For IP2Archive. VarID is always the same for all items of an asset (except LoRes XL Clip). Show VarID for asset even if only file LoRes is present in the asset.	
1616	Protect File clip	Clip Management	Possibility to protect a file clip as well as a server clip.	
1542/1403	Keep the save clip window on the screen where the user has left it the last time	Clip Management	Keep the save clip window on the screen where the user has left it the last time	K75
1245	Gang clip on player Creating subclip in IPD when channel are ganged don't affect the second channel	Clip Management	New setting: create sub clips on all ganged clips.	Euromedia;K75;RTL KLUB RT
1202	Possibility to use UF in autaname or prefix for clips	Clip Management	could be done by adding %UF1, %UF2 in the variables to define filename or prefix.	K75
1097	Review "prefix" implementation for clips/ingest names	Clip Management	The prefix is applied when the clip is created and not when the "save clip" window is opened.	
914	to be able to remove keywords from the edit clip window without having to find them in a keyword grid	Clip Management	New keyword control in all windows : - save/Edit clip - save/edit logs - save/edit playlist - save/edit timeline - save/edit Edit - logsheet keywords	ESPN;General Interest
1014	Manage E/E on growing assets	Control Panel	Show growing clips from ingest scheduler in right click E/E	HBS;K75





966	Auto complete control	General	<p>A control that would offer auto-complete on a range of words in the IP Director DB.</p> <p>The range of words could be:</p> <ul style="list-style-type: none"> - all keywords - all words indexed in DB - subset of keywords (in case we do keyword UF) <p>The control could either allow free text type (Free text search use) or only allow to select from the list (keyword use).</p> <p>Use the control in:</p> <ul style="list-style-type: none"> - IP Logger new/edit log - save/edit clip window - free text search - keywords search - keyword UFs 	BBC
983	to be able to control the osd and customise it from the IPD	General	<p>Choose which fields to display and where.</p> <p>Be able to turn osd on/off with a shortcut.</p> <p>Shortcut per channel to show/hide OSD (to check a graphic for example).</p>	Studio Gabriel;TRP - Australia
667	Manage 16 audios	General	<p>In OCX and AVH : ability to select from 16 audio channels</p> <p>In playlist : swap audio configuration should allow 16 audio in the matrix</p> <p>In IPEdit : Manage the different 16 audio configurations</p> <p>General : Manage the different 16 audio configurations</p> <p>Multicam : how to display 16 audio on OSD</p>	





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1147	IPD installed on MS Windows 7 - 32 and 64 bits	General	Support windows 7 32 and 64 bits platforms for IPD and all modules	BBC; RTL-TVI Studio;Sky News;Sky sports;UEFA
1530	Review TAB sequence in "new clip, new playlist, new timeline window"	General	VarID is included in tab sequence in all those windows.	Foxtel
1544	Possibility not to have IPD in full screen mode	General	Through parameters in IPDirector.exe.config	UEFA
1523	Free Text Search : searches via thesaurus	General	To enable searches in multiple languages	SNA (SKY News Arabia)
1520	Possibility to select elements between TL In and TL Out and backup only that portion of the edit.	Ip Edit	Possibility to select elements between TL In and TL Out and backup only that portion of the edit.	ESPN
1521	EWP : manage GPIs in EWP on TLO only.	Ip Edit	EWP : manage GPIs in EWP on TLO only.	ESPN
1531	Affichage « Expected Out (LTC) » for la TLO (in EWP mode)	Ip Edit	New Timcode zone in the TLO graphical interface that shows the LTC at which the last image of the TLO will be palyed.	BeTV
1532	Affichage de remaining pour la TLO	Ip Edit	New Timcode zone in the TLO graphical interface that shows the remaining time between the now line of the TLO and the end of the TLO.	BeTV
1533	Affichage « expected LTC In » et « expected LTC Out” in timeline blocs.	Ip Edit	(BETV) Affichage « expected LTC In » et « expected LTC Out” in timeline blocs.	BeTV
1534	In MASTER/SLAVE mode, pressing SYNC on the master should start the sync.	Ip Edit	In MASTER/SLAVE mode, pressing SYNC on the master should start the sync.	CH1 - Russia;General Interest
1535	In MASTER/SLAVE mode, pressing COMMIT on the master should do the sync and the commit on the slave automatically.	Ip Edit	In MASTER/SLAVE mode, pressing COMMIT on the master should do the sync and the commit on the slave automatically. This should be configurable through a setting.	CH1 - Russia;General Interest



1195	IPedit VTR Replacement LIVE TO TAPE workflow	Ip Edit	IPedit VTR Replacement LIVE TO TAPE workflow	RTL-TVI Studio
889	Do not remove fx after editing.	Ip Edit	Do not remove fx after editing. When an edit operation is done on a transition with an effect, it reset the effect. He would like to keep it. Should probably be a setting because that's not the normal behaviour.	Comcast - Access Hollywood;
1550	Manage asset light in IPedit	Ip Edit	IP Edit Player : Drag and drop of a light asset in the player should trigger a make clip. IP Edit timeline : D'N'D in IP Edit timeline should be refused.	
1556	Sync Group Management in timeline (element sync guid) - Addendum v6	Ip Edit	Sync Group Management in timeline (element sync guid) When a cut is done in the timeline, some new element appears. These new elements needs to have a new guid in order to display de-synchronization and, if video is present in the guid group, allowing resync. This is a key feature as audio sync is one of the first reasons of problems while editing. This needs to be 100% reliable thus a correct guid management is necessary. Rule: We a cut is done on one or more elements using "add edit/cut" or by inserting/moving a clip in insert/overwrite, causing cutting existing elements; the new elements at the right of the cut irq will have a newly generated guid. On the same track, a timeline cannot have two elements with the same guid. A sync group cannot have more than one element by tracks.	CBS;
1557	IP edit channel assignement - Addendum v6	Ip Edit	If IP Edit crashes, the EWP channels should automatically re-attach to a new instance of IP Edit when it is restarted.	NBC 30 Rocks





			Reality show logging: Loggers create a series of logs that describe a moment, a scene and a transcription of what the competitors are saying. They usually used keywords like:	
			- The name or competitors (ex: Marc, Marcel, André, Hubert) - The mood (Happy, Bad) - Location (Kitchen, Bathroom)	
			As logs are succession of event that happened between same competitors, same topic and same location, the loggers has to always select the same keywords for each new logs taking a lot of time.	
1623	Sticky Keyword	IpLogger		
			Longer description in logs. For reality TV, KW are not enough. Create new KW each time a new subject appears during the show is to slow to manage. They based the logging on the description because they can described the complete scene.	videocraft
22	Longer description in logs	IpLogger		
218	Allign keywords and participants in the same way in a keyword grid.	Keyword Grid	Keywords and participants are centered.	EURO 2008
1394/1541	Have the possibility to pin the layout tool bar	Layout Management	Have the possibility to pin the layout tool bar --> there is a "stay visible" check box on the toolbar.	K75
1281	Management of XML files on nearline	Near Line Media Mgmt	Only manage the xml files which are relevant to the nearline management. - elementary stream : consider only files with an extension .es.xml. - evs xml: only .evs.xml. All other .xml are ignored.	
1620	Review rescan xml file mechanism	Near Line Media Mgmt	Revision number is ignored when re-scanning the evs.xml of a file. It is always re-imported from scratch.	





1418	NRCS Octopus Integration	NRCS (MOS Protocole)	Integration with Octopus. ActiveX in octopus.	PANORAMA
1268	Reload next clip when available - In the case if was virtual when the system reached the transition	Playlist Management	Condition : - the element following the on-air element is defined with a stop on last, - this element is virtual when the system reaches the transition. In this case the next available element is cued as the next element. If after this, the virtual element becomes available, the system should automatically recue the element.	RTBF NumProd
1012	Display number of elements in playlist panel	Playlist Management	Display number of elements in playlist panel. This is displayed at the bottom left of the playlist panel. - Better reactivity of the interface - Better management when the playlist is online and have lots of elements (> 300) - have the possibility to edit a playlist from 2 different locations at the same time - Optimise group commands with the multicam. Currently, the online process is very slow -> can we optimise that. Inserting an online playlist in another one is done element by element. The multicam should do the process itself and provide only one notification to the ipd. the process would be much more faster and would imply less problems on the IPD.	
1148	Refactoring playlist engine	Playlist Management		





In playlist mode, be able to split one clip in two or any parts for easier edition.

The idea is to cut a playlist element in 2 parts at the current position.

Reason for implementation : remove a part of a clip in the playlist.

Use case :

- Split the element in 2 parts.
- Go on the new element and modify its IN point.

The new element is inserted with the following transition information :

- Automatic transition
- A/V CUT
- Same speed as defined in the original element

1116 In playlist mode, be able to split one clip in two or any parts for easier edition.

Playlist Management

When the operation is performed, the system stays on the cut point. It means that the system should jump on the shortIN of the new element.

BeTV;CCTV

1198 Automatically insert SLSM clips at 33% or 50% speed

Playlist Management

Automatically insert SLSM clips at 33% speed

HBS;OB Team

1539 Change the "Change Loop Mode" shortcut. Old shortcut is 'Y'. New shortcut is 'B'.

Playlist Management

Shortcut for new split element functionality should be the same as "split element" shortcut in IP Edit. This shortcut is 'Y'.

BeTV

931 Display the total duration of the playlist panel

Playlist Panel

Display the total duration of the playlist in the playlist panel. It is shown at the bottom right of the playlist panel.

1035 Remote B | Define configuration for IPEdit

Remote Controller

Remote B | Define configuration for IPEdit -> Browse mode mainly.

868 Dynamic logs to NLE

Remote Installer

Send logs dynamically to avid. This is done through an external application.

OG 2012;videocraft





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622	Database Button should display the DB name in use	Remote Installer	Database Button should display the DB name in use as well as IP Address.
1254	open FCP targets to all file types	Remote Installer	Currently, it is only possible to select QT Ref or QT mov for an FCP target. With the new mx4mac plugin, all mxf formats should also be accepted. BBC
1540	IPDrive config display managed drives instead of rejected drives	Remote Installer	By default, all drives are excluded in IP Drive configuration.
1561	Change XML UNIT type to IP and not SDTI	Remote Installer	Change XML UNIT type to IP and not SDTI
1629	Package IPDirector + Xsquare	Remote Installer	It is possible to deploy IPD with Xsquare in a package.
1547	Setting for ENTER and CTL+ENTER in log description.	Settings	Setting for ENTER and CTL+ENTER behaviour in log description.
1625	Deployment of small apps	Small apps	Deployment through an installer. Installer deployment done by corporate IT for corporate networks. Deployment done through remote installer for EVS controlled setups.
1024	Manage opened elements (files and clips without a defined OUT point)	Software Player	Delay elements: no IN and no OUT Live elements: play as close to the live as possible
1238	Software Player Scrub audio in FFW and FRW	Software Player	Software Player Scrub audio in FFW and FRW
1239	Software Player Vu Meters Selection of the audio channel to display	Software Player	Software Player Vu Meters Selection of the audio channel to display Sky News
1543	Goto out and play on growing file	Software Player	Goto out and play on growing file --> better fonctionality through new swp function
831	VTR Ingest Automatic derush of a tape	Vtr Panel	The idea is to insert the tape in the VTR, push on a button to derush the tape. The tape is rewind to the beginning and the derush process starts. A new clip is created at every TC Jump on the tape. The clip names are defined using the autaname clip feature (TAPEID %NUM)





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1622	Ingest VTR - make growing clips and start streaming them as soon as ingest is starting	VtrEngine Service	Ingest VTR - make growing clips and start streaming them as soon as ingest is starting	Telecinco
1545	Write a comment in the evs.xml at each revision	XML Unit inerop	Write a comment in the evs.xml at each revision --> same as XTA.	
1657	Workflow EDL + Clips for exchange of EDL between different IPD setups	XML Unit inerop	New setting in Xsquare to allow definition of the extension for the EDL file. Setting in Xsquare to put the EDL in a different folder as the video files. Possibility to overwrite NLE information coming from IPD with setting from Xsquare --> please contact EVS on how to implement this as it is done on a project basis.	PANORAMA
1219	Workflow hi-lo Intégration AVID	XML Unit inerop	Edit with the LoRes then conform using HiRes.	
1261	Add a <job_ID> in CANCEL and UPDATE jobs.	XML Unit inerop	Add a <job_ID> in CANCEL and UPDATE jobs.	
1299	give the possibility to generate an evs.xml metadata file for Avid targets	XML Unit inerop	generate AAF + evs.xml metadata file. This can be done through Xsquare.	
1264	Support new audio codecs	XML Unit inerop	Display new audio codecs in DB explorer. 0. PCM 1. dolby E 2. Mpeg 3. AAC 4. MP3 5. Windows Media Audio	
1522	Export EDL (playlist, TL and Edit) : specify the number of audios	XML Unit inerop	Export EDL (playlist, TL and Edit) : specify the number of audios	





4.2 Modules in Beta release

The following modules are available with IPD 6.0 but are not officially released yet. These modules can't be used in real live production, but could be used for beta testing.

4.2.1 Director's cut (REQ 801)

Please refer to **IPD_v6_feature_Director's_Cut.pdf** for more information.

Note: Requires an added license on the computer which hosts the Database

4.2.2 IPD Plugin (REQ 1218)

Please refer to **IPD_v6_feature_IPD_Plugin.pdf** for more information.

4.2.3 IP Clip Logger (REQ 1579)

Please refer to **IPD_v6_feature_IP_Clip_Logger.pdf** for more information.

Note: Requires an added license on the computer which hosts the Database

4.2.4 IP2Archive

Please refer to **IPD_v6_feature_IP2Archive.pdf** for more information.

4.2.5 IP Web Browse (REQ 1184)

IP Web Browse provides a similar feature set and interface as IP Browse but is a web client using a Silverlight technology.

It is possible to run IP Web Browse in Mac OS and Windows.

Note: Requires an added license on the computer which hosts the Database



4.3 List of HTAs provided with version 6

Name	What it does
[IP]Director_6_Check_DB.hta	Checks the full text search configuration for the IP Director database. Checks the IP Engine licence installation on the database server.
[IP]Director_6_ConfigGenerator.hta	Creates an XLS file with all the information related to the setup.
[IP]Director_6_ImportExport.hta	Imports and exports target definition
[IP]Director_6_Storage.hta	Deletes an offline nearline directory from the database
[IP]Director_6_OrphanedLow2Bin.hta	Drops all clips including only lo-res clips into a bin.
[IP]Director_6_Timeline2Bin.hta	Drops all clips used in a specific timeline into a bin
[IP]Director_6_XML_Queues.hta	Display all XML files still pending in : - xml units - IP Scheduler import directories - Export logs directories
[IP]Director_6_API.hta	Display applications subscribed to API notification and their notification queue.

Refer to the document **Application_Note_[IP]Director_6.0_HTA.pdf** for more information on these HTAs.

4.4 Web monitoring pages

The IPDirector version 6.0 is provided with web interfaces dedicated to monitor your setup :

Refer to the web toolkit application note : **Application_Note_Web_Toolkit_6.0.pdf**





5 Bug fixes

5.1 From Version 06.08.45

Defect ID	Summary	Module	Customer	Detected in Build
78741	AB Roll playlist shows channels from A-Z. It was only possible to play the first 4 elements.	AB Roll Playlist	Sky News - Arabia	IPD 06.08.52
78117	INEWS Browser - IPLINK was unable to get information (The API service had to be restarted)	API	Sky News - Arabia	IPD 06.08.52
77175	IPD_EditCreated event sent each time the edit is saved by CE. IPD_EditUpdated message should be sent.	API	Panorama - Media Office;Sky News - Arabia	IPD 06.08.45
76672	ProtectClip doesn't work for file clips	API	Sky News - Arabia	IPD 06.08.42
75256	ClipDeleted event of last clip element does not have all info	API	RTBF - NumProd;Sky News - Arabia	IPD 06.07.90
77186	API - Search on Log and Logsheet - The search by keyword is always returning all logs	API	Panorama - Media Office	IPD 06.08.44
78743	Gang Clip Creation Order Issue. Clips created were not numbered in the correct order.	Channel Explorer	GLOBAL TV	IPD 05.99.42
76052	Protect File Restore file protected --> Clip XT is not protected and File is no more protected	Clip Management	Sky News - Arabia	IPD 06.08.20
65437	Software player uses a bad storage priority when configuration was never saved with services turned off	Clip Management	FOX Remote File Delivery	IPD 05.91.80
76523	When editing a field, clicking out of the box with the mouse, focus	Control Panel	Panorama - Media Office	IPD 06.08.40



doesn't follow.

69246	Opening the Save Clip window takes about 50 seconds with 1000 bins	Control Panel	ESPN - Studio	IPD 05.91.40
76513	Control Panel When hitting the ESC key, the focus should leave the "Name" and "LSMID" field	Control Panel	Panorama - Media Office	IPD 06.08.40
78036	Switch plugin to quickly --> No more Playlist in DBE	Database Explorer	Sky News - Arabia	IPD 06.08.46
76715	time code and date filter in quick text search => select date : the 01-Jan-1970 is displayed	Filters	Panorama - Media Office	IPD 06.08.10
75298	Wrong thumbnails after extending a growing bloc from ingest scheduler	Ingest Scheduler	Panorama - Media Office	IPD 06.07.80
76696	Edit growing asset from DBE, new name is not taken into account in ingest scheduler (block information)	Ingest Scheduler	Panorama - Media Office	IPD 06.08.10
77112	Slowliness : "Quick Text Search" take too much time to do a search with "Logs"	IP Browse	BBC North Manchester	IPD 06.08.46
77341	Cyrillic Search in IPDPlugin does not work	IPD Plugin	Panorama - Media Office	IPD 06.08.44
77215	Edit is duplicated each time a clip is inserted in edit	IPD Plugin	Sky News - Arabia	IPD 06.08.48
77461	IPDplugin - loading a log : "Unable to open this log"	IPD Plugin	Panorama - Media Office	IPD 06.08.44
76850	Preload a log does not load the preview clip	IPD Plugin	Sky News - Arabia	IPD 06.08.46
78744	Bad number of audio when exporting an edit using IPDPlugin	IPD Plugin	Sky News - Arabia	IPD 06.08.52
76988	Duplicate an edit failed : error during import process	IPD Plugin	Sky News - Arabia	IPD 06.08.44
78786	Popup message "program busy" in cleanedit when working in IPDIpugin	IPD Plugin	Sky News - Arabia	IPD 06.08.45
77206	Dump when closing CleanEdit and Transfer monitoring is opened	IPD Plugin	Sky News - Arabia	IPD 06.08.46



76094	The number of relevant recorder increase, the more you log the more there is relevant recorder	IpLogger	Panorama - Media Office	IPD 06.08.10
76101	Log sheet remind orange in the tree (even if PM coverage is ok)	IpLogger	Panorama - Media Office	IPD 06.08.10
75475	Open a log sheet from one setup on another setup with a user who has not the right to select his profiles => all logs from logs plugin are displayed and the logsheet is not opened.	IpLogger	Panorama - Media Office	IPD 06.06.80
75990	Auto export LS => more than 1 xml are exported at LS creation (and all xml files do not contain the same info about relevant recorder)	IpLogger	Panorama - Media Office	IPD 06.08.10
77921	XML Units goes OFFLINE in IPDPlugin logs	IpScheduler Service	Sky News - Arabia	IPD 06.08.52
76884	.wav --> Import Status = Unsuccessful	Nearline	Panorama - Media Office;Sky News - Arabia	IPD 06.08.46
75661	Dump remote Installer,Memory leak	Remote Installer	Sky News - Arabia	IPD 06.08.00
78508	SynchroDB Memory leak managing three servers. Impossible to load an ABRoll Playlist.	SynchroDB Service	Sky News - Arabia	IPD 06.08.45
78119	Playlist corruptions when upgrading from version 5 to version 6	Upgrade	Sky News - Arabia	IPD 06.08.52
77888	Description of logs is lost with unicode when upgrading from 5.9 to 6.0	Upgrade	Sky News - Arabia	IPD 06.08.52

5.2 From Version 06.08.44

Defect ID	Summary	Module	Customer	Detected in Build
69840	In status bar, the XT icon always remains orange.	MDI		IPD 06.08.44
	Problems in install procedure XSDLL32.DLL Some SQL services were not stopped	Install		IPD 06.08.44





during the install procedure, and thus were not installed correctly when upgrading to the new version.

Problems in install procedure | NET FRAMEWORK 4.0 | When installed, the framework automatically restarted the workstation even if the install procedure was not fully completed. With this new version, if the workstation needs to be restarted after the upgrade, it is not automatically restarted and passes in ORANGE in the remote installer.

Install

IPD 06.08.44

5.3 From Version 05.99.42

Defect ID	Summary	Module	Customer	Detected in Build
37535	[Edit] EDL from IP Browse don't have file short in/out		BBC	IPD 06.04.73
75916	CUSTOMER - TRAINER - BePlay and MPlay doesn't work on Win7 station	Remote B		IPD 06.08.10
69852	BBC VTR link is not OK when plugged on port 3 when other VTR are connected OK on other ports	VtrEngine Service	BBC North Manchester	IPD 06.04.30
74085	CHANNEL 9 - Copy by GigE on an asset item XT triggers a restore following the storage priority rules	Xml Interop	Channel 9	IPD 05.99.31
74084	CHANNEL 9 - Copy by GigE triggers restore instead of an XT transfer when a file is present in the asset	Xml Interop	Channel 9	IPD 05.99.31
73058	BeIn Sport IPDirector API loose its PlayerInfo	API	Al Jazeera - BeIN Sport France	IPD 05.99.24
39646	A CONFIRMER Skynews Arabia File are always in growing/recording mode	API	Sky News - Osterley; Sky News - Arabia	IPD 06.00.00
68033	K75 Bin rules stop workign due to complex queries in SQL	Bin Management	K75	IPD 05.96.40
64873	CBC Ganged PGM Channels Jump to E/E When You Un-Gang Them from the player tab (Channel explorer)	Channel Explorer	CBC	IPD 05.91.80



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74844	copy by gigE sometimes, the asset item is inserted in the original asset	Clip Management	Al Jazeeraah - BeIN Sport France;Channel 9	IPD 06.07.10
70338	XT do not appear in DB explorer when there is no Hi-Lo defined	Database Explorer	BBC North Manchester;Panorama - Media Office	IPD 06.04.50
75312	CUSTOMER - BETV - Not enough capacity error flag displayed by mistake on new recorder channel	Ingest Scheduler	BeTV	IPD 05.99.42
65176	ABC Ingest scheduler doesn't show a progress status in NDF timecode	Ingest Scheduler	ABC	IPD 05.91.80
67657	CBS In Edit to Air (E2A) / Edit While Playout, Slave station can control Master TLO channels with shuttle pro.	Ip Edit	CBS Canada	IPD 05.96.10
64923	RAI Wrong video flattening a TL after "undo" of a replace	Ip Edit	RAI	IPD 05.91.80
73009	ZDF Dropping a PL in a second control panel (cliplist) changes the PL ID in the first control panel	PlayList Management	ZDF	IPD 05.99.24
61697	HBS L1 When XT is no more managed, playlist element goes MISSING in on-air playlist	PlayList Management	HBS - League 1	IPD 05.83.50
74635	Gateway Church BEPlay remote will not jog to specific TC on ganged players	Remote B	Gateway Church	IPD 05.99.31
75918	CUSTOMER - THE LONDON STUDIOS - If you sort the targets in the RI Configure, the published groups are not displayed anymore	Remote Installer	THE LONDON STUDIOS	IPD 06.08.10
65131	EVS BXL In VTR panel, Digitize and Add to batch buttons are greyed out	Vtr Panel	UEFA	IPD 05.91.80
69342	FOXSPORT %NAME autofilename is truncated to 24 characters in grabfield jobs	Xml Interop	FOX Remote File Delivery	IPD 05.96.60
61618	TURNER STUDIO ProRes 422 LT displayed as N/A in the Select XT Configuration window	Channel Explorer	TURNER STUDIO	IPD 05.83.50
62807	Presteigne Charter Clip moved to another XT still listed in source XT	Database Explorer		IPD 05.91.50
71071	Nascar Media Group %CAMLBL not appending to Clip Name when making a file ingest scheduler	Ingest Scheduler	NASCAR MEDIA GROUP	IPD 05.96.70





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73584	profile XML : if no guid in the profile XML, the import fails.	Metadata	OBS - OG London 2012	IPD 06.06.70
63391	ESPN IPDirector crash - export Metadata XML to drive with no capacity	Metadata	ESPN - Studio	IPD 05.91.50
73988	CHANNEL 9 - File can't be moved from a folder to another folder on the NL / Bad user rights SQL request	Nearline	Channel 9	IPD 05.99.24
72443	BBC SSM clips from Xfile is not correctly imported in playlist. Duration and TC out are missing.	Playlist panel	BBC North Manchester	IPD 06.04.73
71517	Tier3 IPDirector (and XSecure) desktop icons has low resolution in Win7	Remote Installer		IPD 05.99.04
69126	SKYNEWS - ALT+TAB onfocus feature is not working on IPD Win7 stations	Shortcuts	Sky News - Osterley	IPD 05.92.40
73378	BBC AB Roll Letter is not assign for one element	AB Roll Playlist	BBC North Manchester	IPD 06.06.60
73175	BelgacomTV Impossible to receive XT information from API when server has 6 PLAYs and not RS422 connection.	API	Belgacom TV	IPD 05.99.24
65437	FOX RFD Software player uses a bad storage priority when configuration was never saved with services turned off	Clip Management	FOX Remote File Delivery	IPD 05.91.80
74287	FOXTEL GPI tags disappearing from the playlist	GPI	Foxtel	IPD 05.99.24
73180	TLS Limited user in IPD can change all default stream targets	Ingest Scheduler	THE LONDON STUDIOS	IPD 05.99.24
61776	TRIO VIDEO Ingest Scheduler (Export Ingest List) does not save streams	Ingest Scheduler		IPD 05.91.00
70432	CBS IPEdit Locators do not follow TL when synced with EWP Redundancy	Ip Edit	CBS Canada	IPD 05.96.70
67655	CBS TLO control panel lock doesn't lock the TLO channels in Edit to Air (E2A) / Edit While Playout	Ip Edit	CBS Canada	IPD 05.96.10
67007	ESPN Log sheet scrolls during editing because sub clips are auto associated on logs.	IpLogger	ESPN - Studio	IPD 05.91.80
74823	Digital Garage - Playlist CSV export - column character limit (name limited to 24 characters)	Playlist panel	Digital Garage	IPD 05.99.31





6 Known bugs

Defect ID	Module	Customer	Summary	Detected in
21710	Xml Interop		CUSTOMER - CBS SPORTS - Audio issues occuring after flattening a playlist	XTA 01.14.12
38006	Software player		[Metadata] Media View Audio Type is wrong for some files	IPD 05.99.00
39100	IPD Plugin		Load a file with 6 audios in Xedio from IPD plugin --> only the video is available (no audio icon under the player or audio blocks in the TL). Audios are also displayed wrong in IPD. Audio does play fine.	IPD 06.07.10
53055	Ip Edit		Replace By replace by with restriped clip does not work	IPD 05.63.90
56640	Clip Management		Move Clip To an XT without serial link doesn't appear in Transfert Monitoring	IPD 05.73.50
57498	AB Roll Playlist	Sky News - Osterley	An element is playing. When pressing very quickly pause then recue, the element is not recued and continues to be played.	IPD 05.75.20
58206	Ip Edit		Create clip from timeline Bad informations when i put a audio or video delay	IPD 05.75.62
58548	Ip Edit		Graphical layer of IP Edit & Air Edit interacts with Remote Installer. If an instance of Remote Installer is open (even minimised) on the IPD workstation, the change of focus between control panel and IP Edit induces 2 or 3 flashes.	IPD 05.62.40
58612	Ip Edit		Flatten If i put a Growing clip in the timeline and i make a flatten, i have an error in XT Access "Transcoding Source Media Error"	IPD 05.80.20
58613	Ip Edit		Flatten If i put a Growing Clip in the the timeline and i Stop the Growing Clip and i Make a flatten, i have an error "Encoder DLL Error"	IPD 05.80.20
58616	Ip Edit		Export EDL + Clips Doesn't work when i have a Growing clip in the timeline	IPD 05.80.20
59659	Ip Edit		Replace If a post mark in offset GPI (or pre mark out offset gpi) is defined on clips that speed is different than 100% GPI are not correctly played out	IPD 05.80.60
59674	Ingest Scheduler		When a stream is killed, it is still in the asset	IPD 05.73.60
59705	Ip Edit		After an Append Timeline, audio and video of the appended clips are not linked anymore.	IPD 05.82.10





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60334	AB Roll Playlist	Sky News - Osterley	AB Roll If a speed is defined in Playlist Panel for an element, the element is played at the speed in AB Roll.	IPD 05.82.70
61284	Ip Edit	RAI	RAI Impossible to convert playlist to timeline - Wrong Effect Duration is displayed. This happen when there is a video effect other than CUT and an UNK speed.	IPD 05.83.50
61685	API		CreateLogSheet doesn't work when no description is given	IPD 05.91.00
61716	PlayList Management	CANAL + France	CANAL+ - Playlist loaded on Remote 2 won't apply IPD channel settings in // mode. It is impossible to play a PL on one channel if LSM is in PGM/PRV.	IPD 05.83.50
61717	PlayList Management	CANAL + France	CANAL+ - Playlist loop setting is disabled on second remote in IPDP // mode	IPD 05.83.50
61739	Vtr Panel		OKNO TV - VTR Panel doesn't allow ingesting clip accross midnight	IPD 05.91.00
61785	Ingest Scheduler	TRIO VIDEO	TRIO VIDEO Remaining capacity for multiple streams on the same nearline is not correct. Calculation only take the blocks scheduled/streaming on the current recorder.	IPD 05.91.00
62207	Ip Edit		Audio Audio glitch is heard when an edition is made on the TL	IPD 06.00.11
62379	Ip Edit		Effect After a trim out in insert mode, i lost the effect	IPD 06.00.20
66470	Control Panel		GC with Out Remaining Time is not updated after stopping it	IPD 05.95.50
66928	PlayList Management		Swap audio Audio jump when the swap starts	IPD 05.95.70
67146	Ip Edit		Append TL After an append timeline of TL B into TL A, the effect at the end of TL A is lost.	IPD 06.02.82
68333	IP Browse		Change config in configurator and then wait for auto logout in IP Browse -> some changes are not taken into account at login. A restart of the application is needed.	IPD 06.03.50



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FOXSPORTS | CreateClipOnRecorder API needs optional tags to work fine.

The following tags are needed:

```
<api0:_Token>76cae4cc-7dad-409e-87c8-00395ed8ea51</api0:_Token>
<api0:_RecChannelID>ec9042c9-7523-493f-b8da-
4e1a6e08f38d</api0:_RecChannelID>
<api0:_LsmID></api0:_LsmID>
<api0:_Name>SMQ from API</api0:_Name>
<api0:_TCType>TOD</api0:_TCType>
<api0:_TCIn>16:00:00:00</api0:_TCIn>
<api0:_TCInDate>2012-01-24T00:00:00</api0:_TCInDate>
<api0:_TCOut>16:01:00:00</api0:_TCOut>
<api0:_TCOutDate>2012-01-24T00:00:00</api0:_TCOutDate>
```

69754	API	FOXSPORTS		IPD 05.96.60
70875	Ingest Scheduler	Belgacom TV	Asset incoherence break in ingest scheduler: this can happen when a job request is not taken fast enough by Xsquare/XT Access. The job then starts and the file is fine but the ingest block stays in red.	IPD 05.96.70
71128	Ingest Scheduler	Panorama - Media Office	If a stream is killed and the ingest block then deleted, the file is not deleted from the SAN	IPD 06.04.70
71484	Control Panel		E/E on GC Remaining time is wrong on Control Panel after stopping Growing clip without out.	IPD 05.99.04
72385	IpScheduler Service		Job - Move file To Unicode file names not supported - I have ???? for file name after a "Move to file" with a file name in Arabic	IPD 06.05.80
73144	AB Roll Playlist		AB Roll Letter doesn't change after a move in ENPS. The Auto-ripple option is not selected. When a clip is moved between the cued lines, the channel of the clip is not changed.	IPD 06.06.50
73187	Nearline	Timeline - Wimbledon	Timeline Folders with a name ending by a video extension and at least one character cannot be deleted. IP Director sees those folder as files.	IPD 05.99.14



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73798	Database Service	OBS - OG London 2012	Fulltext search catalogs can get corrupted. In this case, free text search doesn't work. The catalogs need to be rebuilt.	IPD 06.06.80
73902	Remote Installer	Panorama - Media Office	When the path of an xml unit is changed, IPD live bit is still in the old path. A restart of synchro DB master is needed to correct the problem. Another work around is to delete the old xml unit and create a new one.	IPD 06.06.90
74691	Ip Edit		Convert PL to TL No audio mix effect in TL when a swap/mute tag with mix duration is defined in PL	IPD 06.07.60
74866	Vtr Panel		Unable to create clips in USER TC when the Primary TC of the Recorder associated to the VTR Panel is set to LTC	IPD 06.07.70
76153	User Manager		Global settings are listed as user settings. If a setting is changed from local to global, the setting is changed in IPD. In user manager, the next time the setting window is open, the settings show user instead of global (even though they are global). The only way to come back to a user setting is to reset all settings.	IPD 06.08.20
76225	IP Drive		IPDrive Backup to drive --> Status = 100% stays during +/- 1 minute before changing to finished.	IPD 06.08.30
76271	Vtr Panel		Check Before Digitize process prevents the retry operation on the elements in error. The check is performed on elements that were successful. This check comes back with ID already exist error.	IPD 06.08.30
76289	Xml Interop		Autoname Image File Grab to file It does not work with %CYEAR %CDATE %CMONTH %CDAY	IPD 06.08.30
76291	Xml Interop		Autoname Image File Grab to file Playlist Some format strings are not correctly translated: TCIN - XTIP - CAM - CAMLBL - RATING - IDMAT - TCIN - TCINDATE - TCOU - TCOUUPDATE - GTC - VCODEC	IPD 06.08.30
76327	Clip Management		VarID an ingest is made with a file and a server clip. The two items will have different VarID.	IPD 06.08.30





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76346	Vtr Panel	Tape Derush "Preroll failed, derush aborted" error: this happens when there is a TC jump inside the pre-roll.	IPD 06.08.30
76364	Nearline	XDCam file on NL without evs.xml : cannot reach last image of the file. The TC Out is set to the TC of the last image instead of TC + 1. Since TC Out is excluded, it is not possible to reach the last image of the file.	IPD 06.08.30
76395	Upgrade	Upgrade 5.99.42 to 06.08.30 User Manager Settings > General Some options are not kept after upgrade	IPD 06.08.30
76396	Upgrade	Upgrade 5.99.42 to 06.08.30 User Manager Settings > Transport: Play VAR is not kept after upgrade	IPD 06.08.30
76397	Upgrade	Upgrade 5.99.42 to 06.08.30 User Manager Settings > Take: This tab is not kept after upgrade	IPD 06.08.30
76400	Upgrade	Upgrade 5.99.42 to 06.08.30 User Manager Settings > Playlist: Some fields are not kept after upgrade	IPD 06.08.30
76405	Upgrade	Upgrade 5.99.42 to 06.08.30 After an upgrade, I lost the software player assigned to a button of the Be Play in remote control manager.	IPD 06.08.20
76446	Ingest Scheduler	Protect File Stream only blocks (without XT Clip) created in the future are never protected	IPD 06.08.30
76438	Upgrade	Upgrade 5.99.42 to 06.08.30 Settings Input GPIs > After upgrade some values aren't keep	IPD 06.08.30
76436	Upgrade	Upgrade 5.99.42 to 06.08.30 Settings IpEdit Macro Commands > Values are lost after upgrade	IPD 06.08.30
76435	Upgrade	Upgrade 5.99.42 to 06.08.30 Settings IpEdit General > After upgrade, some settings are lost	IPD 06.08.30
76426	Upgrade	Upgrade 5.99.42 to 06.08.30 Settings General > Display XT structure is lost after upgrade	IPD 06.08.30
78842	AVH	Some serial connection on the AVH board sometimes does not work. Windows XP : if EvsSerial32.dll version is 1.3, when a second application uses that dll,	IPD 06.08.30





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no serial port works. If the DLL version is 1.2.3, everything works fine.
Windows 7 : if EvsSerial32.dll version is 1.2.3, when a second application uses that dll,
no serial port works. If the DLL version is 1.3, everything works fine.

78964 AVH

Timeline

AVH Card of IPD1U-C won't show any video after upgrading to IPDirector 6.08.

IPD 06.08.45



7 Known limitations

7.1 Bin management

- Appearance/disappearance of clip elements is not considered as an update of a clip → bin rules are not run when adding/deleting a clip element to a clip.
- Maximum 20 bin rules at a time on an IPDirector installation.
- **Bin rules defined on playlist and timeline objects will be lost from version 5.x to 6.0. Bin rules defined on clips will be kept.**

7.2 Nearline / software player

- Not possible for a timecode restripe of nearline files.
- IPDirector does not support the fact that a file can be overwritten from Windows. For example, if a video file is overwritten by another one with the same name from the windows explorer, some side effects will be seen in the IPDirector (bad TC, bad metadata, ...).
- Don't define a sub-directory to be managed by the IP Director if a parent directory of this sub-directory is already managed, otherwise the nearline management of this sub-directory will not work properly.
- A directory cannot be managed by 2 IP Director workgroups in master mode at the same time. Only one master nearline is supported, the other nearlines must be in slave mode.
- No drag and drop operation allowed from near line to near line to avoid lots of file re-wrap.
- If the user wants to copy files to an XFile drive, it's much faster to do it from the "media files" view because it does a windows copy rather than a file re-wrap.

7.3 Metadata

- Predefined values in user fields (type combo) are not pushed in the keyword list.

7.4 Playlist

- Post-Roll : The post-roll mode is not synchronised between multicam and IPD. The post-roll mode will be lost (changed) if the channel configuration is changed (i.e : passing from pgm/prv to 1 pgm mode will reset the post-roll information).
- Jump On Time: Online Playlists are limited to maximum 50 triggers 'Jump On Time'.

7.5 Ganged channels

- Synchronized channels: boundaries side effects not managed. If clip or train boundaries are not equal on the different synced players, this will lead to desynchronise if one boundary is reached on one of the players. Always be sure that you work with local trains otherwise you'll get a 3 seconds delay while in E/E
- Sometimes, it is possible to de-synchronize the channels (possibly using the jog wheel on the shuttle pro). If this happens, it is very easy to re-sync the channels hitting the "pause" button on the shuttle pro.



7.6 Restart procedure of your setup.

- In case the system (IPDirector and servers) are shutdown, the IPDirector system must be restarted first, then the servers. If this order is not followed, the playlist elements might appear as “offline” in the playlist even if they are online. Restart the master synchroDB service if this should happen to solve the problem.

7.7 Using IP Browse/IP Clip Logger on an IP Director workstation

- **Workstation with old versions of IP Director:** it is forbidden to install IP Browse/IP Clip logger on a workstation with a version of IP Director different than the version compatible with IP Browse/IP Clip Logger. This is because IP Browse/IP Clip Logger will use installed IPD routing if one exists on the machine. All IPD services need to be uninstalled from the workstation before IP Browse can be installed.
- **Workstations with IP Browse/Clip Logger and IP Director:** it is permitted to run IP Director in parallel with IP Browse/IP Clip Logger but there is one limitation: Software player cannot be started in IP Director. It is forbidden to run both IP Browse and IP Clip Logger at the same time on the same machine.

8 User’s Guide and technical reference

8.1 The technical manual

- [IPDirector_TechRef1_6.0_ENG_121105_web.pdf](#)
- [IPDirector_TechRef2_6.0_ENG_121105_web.pdf](#)

8.2 The user manuals have been updated

8.2.1 IP Director manuals

Part1: General Workspace (Intro, MDI including metadata management & layout management, Channel Explorer, System Management)	IPD_Userman_GEN_6_0_ENG_121101.pdf
Part2: Logging (IPLogger + Keyword Management)	IPD_Userman_IPLOG_6_0_ENG_121101.pdf
Part3: Browsing (DB Explorer)	IPD_Userman_DBEX_6_0_ENG_121101.pdf
Part4: Ingest (VTR Panel, Ingest Scheduler, Recorder Panel)	IPD_Userman_ING_6_0_ENG_121101.pdf
Part 5: Playout - Player Control Panel (including Fill & Key section)	IPD_Userman_CP_6_0_ENG_121101.pdf
Part 6: Playout - Playlist Panel (including Fill and Key mgt)	IPD_Userman_PLP_6_0_ENG_121101.pdf
Part 7 : ABRoll Playlist	IPD_Userman_ABRP_6_0_ENG_121101.pdf
Part 8: Editing - IPEdit	IPD_Userman_IPEDIT_6_0_ENG_121101.pdf
Part 9: Editing – EditToAir	IPD_Userman_EWP_6_0_ENG_121101.pdf
Part 10: Director’s Cut	IPD_Userman_DIRCUT_6_0_ENG_121101.pdf



8.2.2 Other manuals

<u>IP Browse</u>	<u>IPBrowse_userman_6.0_ENG_121025.pdf</u>
<u>IP Notes</u>	<u>IPNotes_userman_1.0_ENG_03.04.2012_SfR.pdf</u>

8.3 Application notes

- Prerequisites to install an IP Director or IP Browse browsing station
→ **Application_Note_Browsing_Prerequisites_6_0.pdf**
- Minimum PC requirements to install IP Director on non-EVS workstations
→ **Application_Note_PC_Hardware_6.0.pdf**
- Database redundancy and maintenance
→ **Application_Note_External_SQL_Maintenance_v6.0.pdf**
→ **Application_Note_External_SQL_Mirroring_v6.0.pdf**
→ **Application_Note_SQL_Alerting_6.0.pdf**
- DNS Server installation and configuration
→ **Application_Note_DNS_Configuration_4_04.pdf**
- IP Director monitoring tool (from remote installer)
→ **Application_Note_Monitoring_6.0.pdf**
- IP Director nearline
→ **Application note_Nearline_config_6.0.pdf**
- IP Director & Windows Integration
→ **Application_Note_Windows_Integration_6.0.pdf**
- Time synchronisation between workstations using windows time service
→ **Application_Note_Time_sync_6.0.pdf**