1   Software

1.1   Compatible modules and software versions

IP DIRECTOR		MULTICAM Compatible package
Routing	06.15.28	
Synchro DB	06.15.28	
IP Drive	06.15.28	
IP Director	06.15.28	
Database	06.15.28	
IP Scheduler	06.15.28	
VTR Engine	06.15.28	11.01.77
IP API	06.15.28	
Remote Installer	06.15.28	
User Manager	06.15.28	
IP Browse	06.15.28	
IP Clip Logger	06.15.28	
Software Player	02.01.148	

Upgrade procedure to version 6.0 :
- from IPDirector 5.X : **Procedure_Upgrade_IP5_to_6.15.pdf**

DB Servers must be upgraded with the latest SQL Toolkit.
- Latest SQL toolkit version **: Install_SQL_Toolkit_6.00.04.exe**

To deploy IPBrowse or IPClipLogger, refer to the IP Director Technical Manual (TechRef)

1.2 Operating System compatibility

IP Director 6 is compatible with
- **Windows XP**
- **Windows 7 32 bits**
- **Windows 7 64 bits**

Windows 7 is the preferred OS

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 MOS GATEWAY	13	License installed on the IPDirector 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.
IP MOS ACTIVEX	92	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 TOOLS

2.1 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 IPEngine 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 :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.

2.2 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**
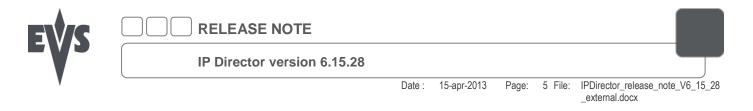
3 What's new (from 06.15.28) ?

3.1 New requirements

Req ID	Summary	Module	Description	Projects
1233	Validation MS SQL 2008 on Windows server 2008	General	Validation MS SQL 2008 on Windows server 2008	
1666	XSecure license for IP MOS Gateway	NRCS (MOS Protocole)		
1667	XSecure license for MOS ActiveX	NRCS (MOS Protocole)		
1479	Appli | Clip Logger	Small apps	Clip Logger is an application aimed at multicamera logging, typically used in multicamera shows where logging is at the center of the production. Clip logger proposes a simple and intuitive interface to meet that need.	PANORAMA VideoCraft, WRCC
1218	IPD Plugin	General	Please refer to IPD_v6_feature_IPD_Plugin.pdf for more information.	SNA PANORAMA

3.2 Modules still 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.

3.2.1 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
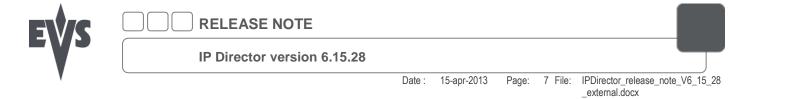
3.2.2 IP Web Browse (REQ 1184)

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

3.3   Bug fixes (from version 6.10.90)

Defect ID	Summary	Module	Customer	Detected in Build
79782	Clips restored to page 10 are effectively restored in page 6	Clip Management	ESPN - Studio	IPD 06.15.26
79834	Cannot delete media items when a server clip is protected in the same asset.	Clip Management	BBC North Manchester	IPD 06.15.26
79835	IP Director can create clips in bank 0 since IPD v6	Clip Management	NASCAR MEDIA GROUP	IPD 06.15.26
80057	Changing target on a stream is not taken into account and displays multiple destinations	Ingest Scheduler	NRK (Norway)	IPD 06.15.26
79058	Clip marked as "successfully sent to a target" from IPBrowse can't be filtered in the DBExplorer	IP Browse	ESPN - Xgames	IPD 06.08.45
78911	Duration is empty when creating a new edit in ipd plugin	IPD Plugin	Panorama - Media Office	IPD 06.10.70
79094	Create an edit with VO and send it back to nearline, transfer ends up in error	IPD Plugin	Panorama - Media Office	IPD 06.10.80
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
79947	Keywords displayed in the keyword column are truncated - the last caracter is missing	IpLogger	OBS - OG London 2012;Panorama - Media Office	IPD 06.15.26
78037	XML Units goes OFFLINE in IPDPlugIn logs	IpScheduler Service	Sky News - Arabia	IPD 06.08.52
76163	When a PL is converted to TL, Audio and Video are not synchronised - An audio swap is done in	PlayList Management	ORF	IPD 06.08.44

	the guarbands			
79753	Error 'Operation pending' when canceling split clip in the Playlist	PlayList Management	CCTV	IPD 06.15.26
74431	Changing priority to VarID/ElementID needs a synchroDB XT restart - Add warning message in the RI Configuration	Remote Installer	Foxtel	IPD 05.99.31
79627	Playlist Flatten won't work after upgrade 5.99 to 6.10	Upgrade	Digital Garage	IPD 06.15.26
80207	Upgrade 5-> 6 : Memo UF on assets are not upgraded to Nvarchar(Max)	Upgrade	Sky News - Arabia	IPD 06.08.60
78693	User Manager Global Settings do not display the changes	User Manager	CBC	IPD 06.08.45
79826	Clips not being created in VTR Control but indicating they have been	Vtr Panel	BBC North Manchester	IPD 06.15.26
80819	Operation pending on loop playlist item after trying to move it while playing.	Playlist Management	TVP	IPD 06.15.28

4   Hardware

4.1   Supported hardware for IPD v6

4.1.1   Recommended hardware (i5 and i7 processors)

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

4.1.2   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.

4.1.3   IP Director 1U workstation (Pentium mobile)

This hardware is NOT supported with IPD v6.

4.1.4   IP Director 3U workstation (Tyan – Pentium 4 CPU)

This hardware is NOT supported with IPD 6.

4.1.5   IP Director 3U workstation (INTEL – Dual Core CPU)

This hardware is still supported with IPD 6.

4.2   MOXA boards
The MOXA RS422 cards are NOT supported with IPD 6.

4.3   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.

4.4   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.

4.4.1   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.

4.4.2   IPDirector 1U workstation (Core Duo processor)

IP Director 1U worstation 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.

4.4.3   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.

4.4.4   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).

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

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

4.5   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).

4.6   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.

4.7 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.

4.8 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 :
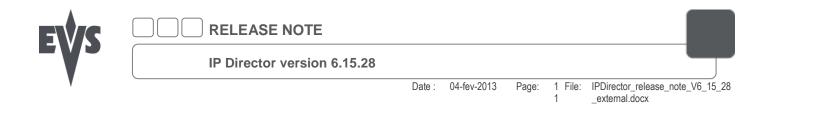
In lo-res browsing, when accessing an XL server or LowRes Files:
- No difference will be encountered with just a few workstations browsing the same XL
- A little lag will be encountered with more than 10 workstations browsing the same XL
- A visible lag (2X less reactivity) will be encountered with more 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.

5   Bug fixes

5.1   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

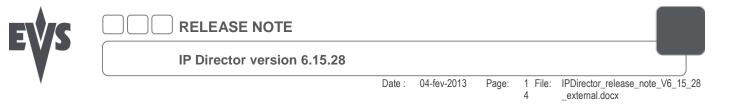| 77796	Timeline name or rename with russian characters doesn't work.	Ip Edit	Panorama - Media Office	IPD 06.08.44
75873	IPEdit does not display out of Sync Audio	Ip Edit	CBS Canada	IPD 05.99.42
78744	Bad number of audio when exporting an edit using IPDPlugIn	IPD Plugin	Sky News - Arabia	IPD 06.08.52
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 IPDlpugin	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

5.2   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 doesn't follow.	Control Panel	Panorama - Media Office	IPD 06.08.40
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 IPDlpugin	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 your 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 coverrage 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 leek	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

5.3   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 during the install procedure, and thus were not installed correctly when upgrading to the new version.	Install		IPD 06.08.44
	Problems in install procedure	NET FRAMEWORK 4.0	When installed, the framework automatically restarted the workstation even if the install procedure was not fully	Install		IPD 06.08.44

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.

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
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

ID	Category	Customer	Description	Version

69754	API	FOXSPORTS	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>`
				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 chararcter cannot be deleted. IP Director sees those folder as files.	IPD 05.99.14

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 - TCOUT - TCOUTDATE - 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

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
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). It this happens, it is very easy to re-sync the channels hitting the "pause" button on the shuttle pro.

RELEASE NOTE

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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_6.1_ENG_130409_web.pdf**
→ **IPDirector_TechRef2_6.1_ENG_130409_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**

8.2.2   Other manuals

IP Browse	IPBrowse_userman_6.0_ENG_121025_web.pdf
IP Clip Logger	IPClipLogger_userman_6.15_ENG_130410_web.pdf
IP Notes	IPNotes_userman_1.0_ENG_05112012_web.pdf
IP MOS gateway	IPMOSGateway_TechRef_Soft_6.10.90_ENG_10042013.pdf

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**

- IP Director Thesaurus Search
→ **Application_Note_Thesaurus_Search_6.0.pdf**