



TRAINING

**OPERATORS PRONEWS**  
ASSET MANAGEMENT  
PACKAGE 16.2

AUGUST 2019



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## 1. INTRODUCTION

The latest version of IPDirector introduces a number of key features and improvements:

- > **AB Roll – NRCS Playback updates**
- > **Ergonomic and operational improvements**
  - > Playlist
  - > Ingest Scheduler
  - > Keyword Management
  - > New user-based publishing
  - > XAVC 4K – Software Browsing
  - > XDCAM – 32 audio tracks support

## 2. IPDIRECTOR 7.70



### 2.1. AB-ROLL PLAYBACK IMPROVEMENTS

The AB-Roll function of IPDirector is a crucial component in newsroom workflows. It controls playout of clips linked to a newsroom computer system (NRCS). You'll now have the ability to assign elements on an AB-Roll "stolen" channel. Most of the time the playout operator isn't working in the same space as the NRCS operator making it difficult to see each other's work and to know when a Channel has been stolen. From now on it's possible to see changes of channel assignment from within the NRCS and this is reflected in the AB-Roll engine.



In the example below Channel 3 was stolen by the NRCS Operator on the third floor and is continuing assigning channels from the NRCS Operating System. Once the stolen Channel has been released the AB-Roll Operator located on the first floor will keep the assigned value from the NRCS Operator in the AB-Roll engine.



In Multicam 16.2, actions on playlists don't impact the Channels set to black (IDLE Channel). There is now a change in behavior that has been introduced to better meet the needs of customers.

When we have a Channel set to black it will retain its status even if we perform an action (e.g. insert a clip on the same Channel before a clip already present in the playlist).



This behavior is valid for any assignment mode (Manual, Automatic or Hybrid). The only way to get out of the black state of the Channel is by performing a manual recue on the element.

## 2.2. PLAYLIST MANAGEMENT IMPROVEMENTS

For operators who are playing out long playlists we've added navigation improvements to help to easily retrieve elements and also to delete the same element occurrences in one go.

A new "Position" column has been added (in the Playlist Panel, AB-Roll Playlist and in the Clip list of the Control Panel) showing the position number of the element in a playlist. This column makes it easier for operators to define what section of the playlist they are looking at. By selecting "Go to position" in the contextual menu or by pressing **SHIFT+CTRL+G** you can navigate to the desired element's position.

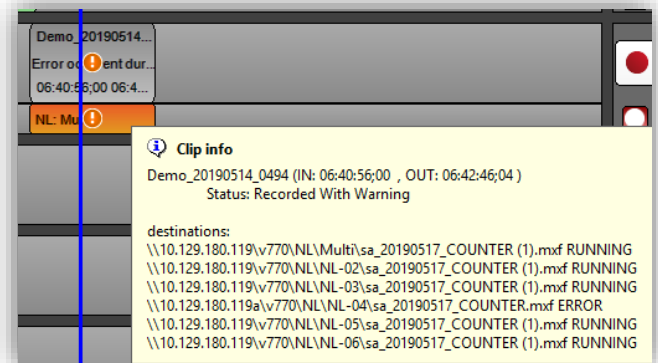
Position	Clip Name	Status	Duration	TC IN	TC OUT
1	AUTO_91	II PAUSED	00:00:07:10	21:18:18:21	21:18:26:06
2	AU			21:18:21:17	21:18:26:18
3	AU			21:18:17:18	21:18:22:19
4	AU			21:18:18:17	21:18:23:17
5	AU			21:18:18:21	21:18:26:06
6	AU			21:18:21:17	21:18:26:18
7	AU			21:18:17:18	21:18:22:19
8	AUTO_87	ON-LINE	00:00:05:00	21:18:18:17	21:18:23:17

If the same element is available in your playlist and you want to delete it in one go, you can use the "Remove all element occurrences" function from the contextual menu. This action is available on Clip Elements, Virtual Elements, Black Clip, White Clip, Split Element and Freeze. It's also possible to perform a multi-selection on those elements to remove all element occurrences.

## 2.3. INGEST SCHEDULER VISIBILITY

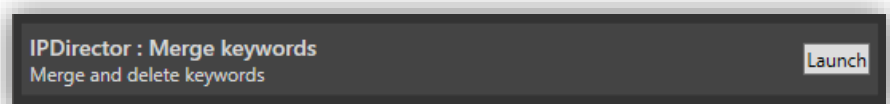
When creating a new schedule, we've added a new resize option to improve the visibility of the Stream Name. Alongside that we've worked on improvements to the visibility of each job status.

When you use an Xsquare multi-destination job template set to "Continue on Error" and at least one job goes into error, the stream bar will change to orange to notify you about the error. When hovering over the stream bar with your mouse in the Ingest Scheduler window, a report of each destination status will be shown, giving you per-job information.



## 2.4. KEYWORD MANAGEMENT

We introduce a new plug-in in order to help improve the management of keywords. From time to time you may have errors in the keywords, that you would

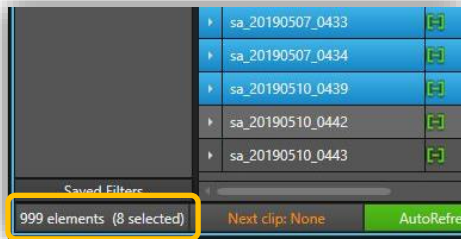
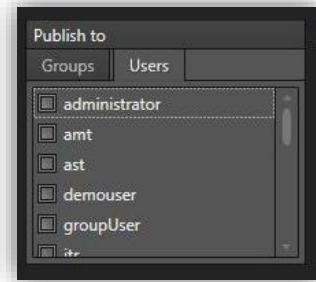


like to map to the correct one. With the new plug-in it's possible to merge a source keyword (this can be one or more keywords) to a target keyword selection. Afterwards you can decide if we want to keep or if you would like to delete your source keyword. The keywords merge is updated at the following levels: Assets, Edits, Logs, Logsheets, Playlists, Timelines, Keyword grids and Keyword dictionaries.

## 2.5. OTHER IMPROVEMENTS

It's now possible to see each destination separately in the Transfer Monitoring Window when making use of Multi-Destination targets. The orange status color is added in the Database Explorer to notify you when at least one destination went into error. Note that the global status of the element is kept as "FINISHED".

From IPDirector 7.70 onwards, you now have the ability to publish directly to a User. The creation of a group is no longer needed if you want to publish a clip or playlist to a specific user.



When selecting multiple elements in the Database Explorer you now have the ability to see the number of selected elements in the left bottom corner of the window.

In the Remote Installer software, a 4K Browsing parameter has been added, enabling you to browse media in the software player of the IPDirector in XAVC-intra Class 300 and 480 UHD-4K. A 10 Gbit Ethernet connection is required for browsing on distant NearLine storages.

We have also extended the support of XDCAM 32 audio support by using a CleanEdit with IPDPlugin. This requires a new version of CleanEdit (version from 4.91.17). Note that 32 audio channels are already supported by IPDirector 7.30 and IPWeb 2.2. XDCAM is only supported on Multicam 15.3 (not in Multicam 16.x).


## 3. IPWEB 2.6

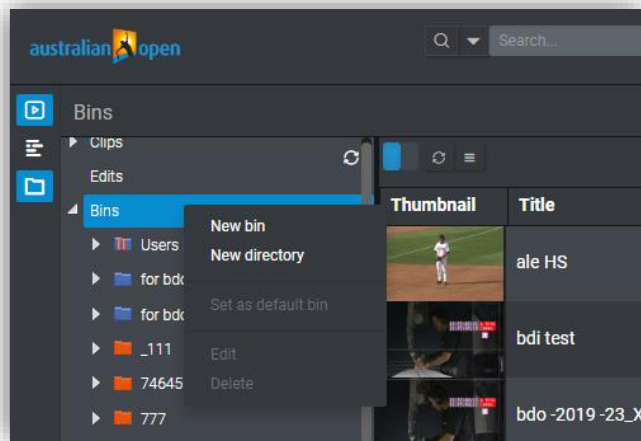
### 3.1. CUSTOMIZABLE LOGO

In the IPWeb interface you can now upload and activate your own custom logo. To do this you'll have to go to "Custom logo management" that can be found in the Configuration Tab – IPWeb Section. From this menu you can upload your custom logo. Afterwards you can activate the desired logo to be shown. The custom logo will be visible at the Login Page as well in the left upper corner of the Main Page and the Transfer Monitoring tool.

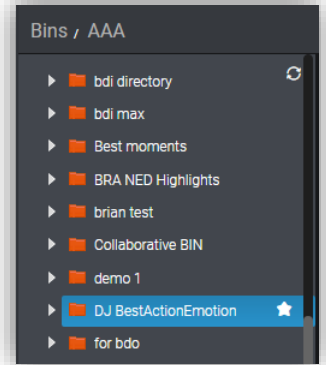


### 3.2. NEWS WORKFLOWS UPDATE

In the IPWeb grid you can now copy the VarID metadata directly from the grid. The copy function becomes available when pointing the mouse over the VarID. A copy logo  will appear allowing you to copy the VarID in one click.

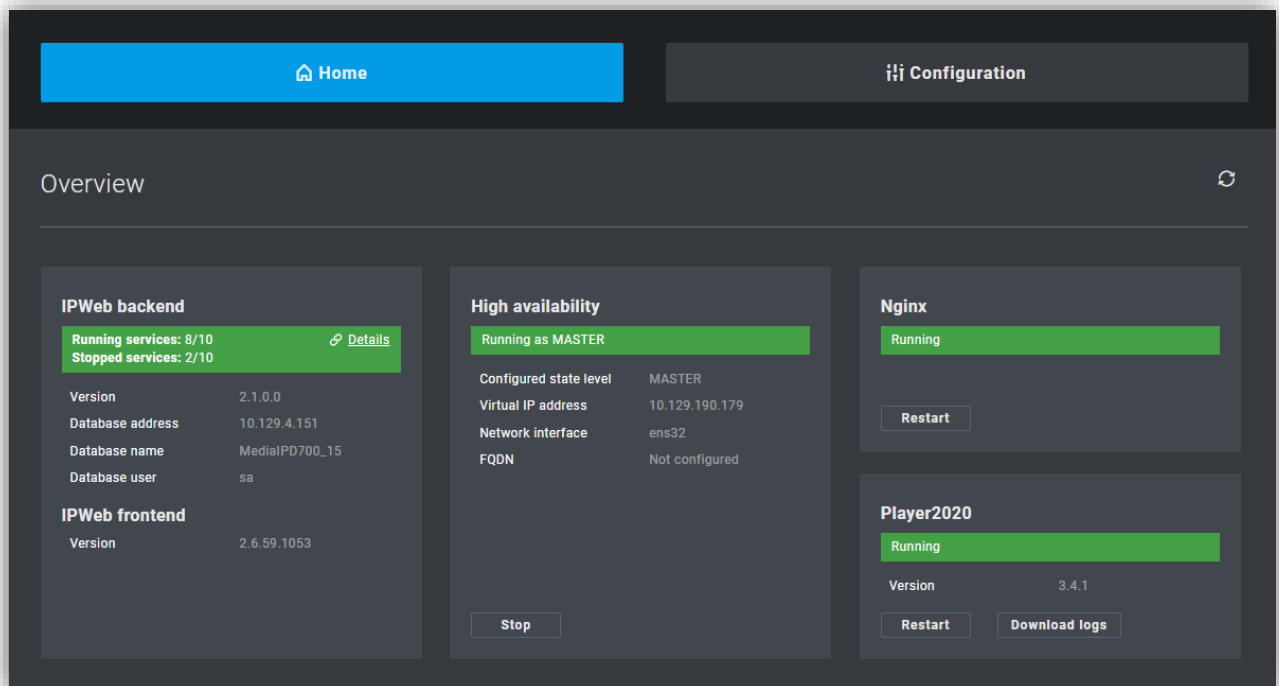


In the Bins section of the IPWeb grid you'll be able to create bins and directories directly without the use of an IPDirector. By right clicking with your mouse on the Bins section the contextual menu opens and allowing you to select "New bin" or "New directory". Another improvement is the ability to define a default bin. This bin is marked with a star icon.



### 3.3. DEPLOYMENT AND HIGH AVAILABILITY

A new Configuration and Monitoring Tool, installed via the Kickstart, is available on each IPWeb Streaming Server. This is accessible through the EVS network on port 60120 (<http://IPWebIPAddress:60120/>). There are two main tabs available "Home" and "Configuration".



- > The "Home" tab gives you a setup overview providing you with an overview of all settings.
- > The "Configuration" tab gives you access to adapt settings of IPWeb, Nginx, High Availability and IPWeb upgrade.
  - > IPWeb: backend services status and Logo Management
  - > Nginx: Configuration of Nearline storages and Proxies
  - > High Availability: Ability to configure several IPWeb Streaming Servers in a cluster sharing one virtual IP (One Streaming Server is defined as the Master; other servers are defined as Standby). The cluster configuration is done through the IPWeb Configuration and Monitoring Tool (Each server is configured separately, currently no overview of the complete cluster is available)
  - > App upgrades: ability to upgrade using this tool for future upgrades



## **4. SOFTWARE DOWNLOADS AND MANUALS**

Please refer to the [Support Page of the EVS Website](#) and the Download area for manuals, release notes and software packages to download.

If you don't already have an EVS login, you'll be invited to create a personal EVS account, to help ensure that you're kept up to date with only the most relevant information and updates. This will also allow you to download all the information you need, completely free of charge.