



ASSIST

DOCUMENTATION 2020

multiCAM
systems

DUAL SCREEN MODE



Left screen :

Interface RADIO

Automatic video production based on microphones level.



Right screen :

Interface ASSIST

Manual management of the graphic design with the Scenes.

Interfaces can be reversed (Windows key + Left/Right)

REMOTE MODE



Left screen :

Interface RADIO

Automatic video production based on microphones level.

ASSIST installed on a Windows 10 computer, connected on same network.



Right screen :

Interface ASSIST

Manual management of the graphic design with the Scenes.

DUAL SCREEN VS REMOTE MODE



SECOND SCREEN MODE :

- manual mode for controlling graphic SCENES, with preview of media files
- Activation:
MAIN SETTINGS / MISC / Special Features / Assist UI Support
- To move the ASSIST window on the second screen :
Windows key + SHIFT + Left/Right



REMOTE MODE :

- Access to RECORDING, STREAMING, PUBLISHING
- Control graphic SCENES (display of media files only if remote PC has copie on internal HDD).
- Activation via MAIN SETTINGS / API

INTERFACE ASSIST

The screenshot displays the ASSIST interface with several callouts pointing to specific elements:

- ONAIR Scene**: Points to the top-left video window showing a news anchor.
- Next Scene**: Points to the top-middle video window showing 'CLEAR ALL' and 'UPDATE ALL' buttons.
- Data Import**: Points to the top-right video window showing a map.
- Actions d'un Titre**: Points to the bottom-right area showing a list of actions for a title.
- Medialist**: Points to the bottom-right area showing a list of media items.
- Scene Action**: Points to the bottom area showing 'UPDATE ALL', 'CLEAR ALL', and 'NEXT SCENE' buttons.
- Data Management**: Points to the bottom-left area showing a list of titles and their details.
- List of Data**: Points to the top-left area showing a list of titles.

The interface includes a top bar with the 'ASSIST' logo, a date and time display (31/10/2018 09:42), and a settings gear icon. The main content area is divided into several sections: 'Plateau' (news anchor), 'Infos' (CLEAR ALL, UPDATE ALL), 'Météo' (map), 'musique', 'Pub', and 'Génériq'. The bottom section contains a 'TITRES' list, a 'Anim / Corresp.' table, an 'Invité' table, and an 'Illus' table. The bottom bar features 'Infos', 'UPDATE ALL', 'CLEAR ALL', and 'NEXT SCENE' buttons.

#	Nom	Fonction	Avatar	Tel.
1	Audrey Abraham			
2	Fabien Fouré			
3	Christian Estrosi	Maire de Nice		
4	Germain Mathis			
5	Arnaud Anchergue			

#	Nom	Fonction
1	Christian Estrosi	Maire de Nice
2	Stan Walbert	Multicam

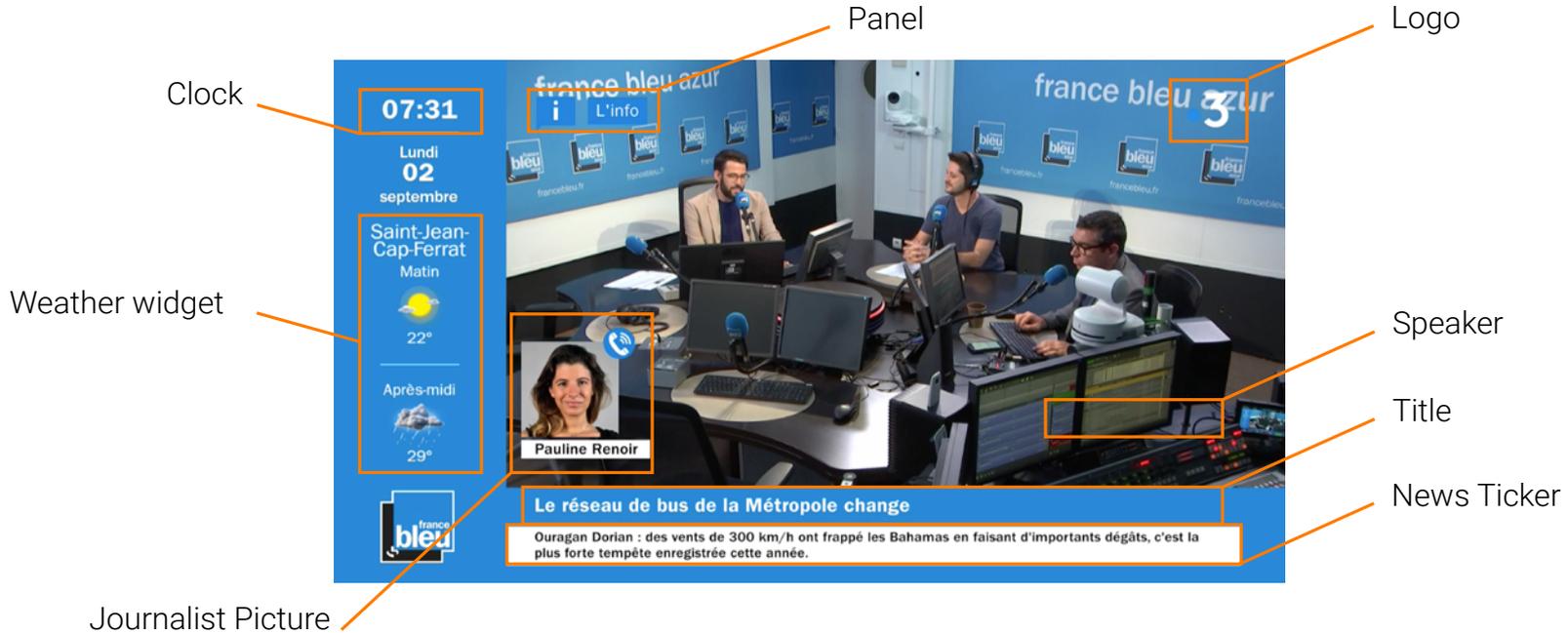
#	Titre	Image
1	L'Info	
2	Par téléphone	
3	La météo	
4	Traffic info	

#	Titre	Image	Image	Image
1	DESK DESERTS M...			
2	Reportage_02_plage			
3	Reportage_02_plage			
4	Reportage_03_ecolo			
5	Reportage_01_pub			
6	Reportage_02_plage			
7	Reportage_02_plage			

INTRODUCTION TO SCENES

The scenes consist of a set of «Titles» over a composition.
The composition is a Picture-in-Picture of the program (camera) and Medialist.
The titles are images and texts whose content can be stored in data lists.

For example, the INFOS scene :



IMPORT OF TEXT DATA

In order to facilitate the preparation of a show, an import module allows mass import of text and image data.

Click on  to display the interface.

You can import :

- **News headlines**
- **Ticker news**

The import is done via TXT file (1 line, 1 note)

For Tickers, an orphan line break is necessary to separate 2 elements. An element can be 1 or 2 lines long.

For news headlines, only one line should be displayed.

Of course, title data can be entered directly from the Scenes interface of ASSIST.

For example, the contents of a TXT file for the ticker :

```
Ceci est une actu. C'est la première ligne ¶  
Ceci est la deuxième ligne de l'actu. ¶  
¶  
Ceci est une troisième actu sur une seule ligne. ¶  
¶  
Ceci est la quatrième actu. ¶  
Sur 2 lignes. ¶
```

Sample files are provided to you by the trainer.

It is important not to exceed the limit of the blue marker via Notepad ++.

Each item of the ticker must have two lines and an orphan line must separate each item.

IMPORT OF TEXT DATA

Click on  to open the File Browser and choose the TXT file.

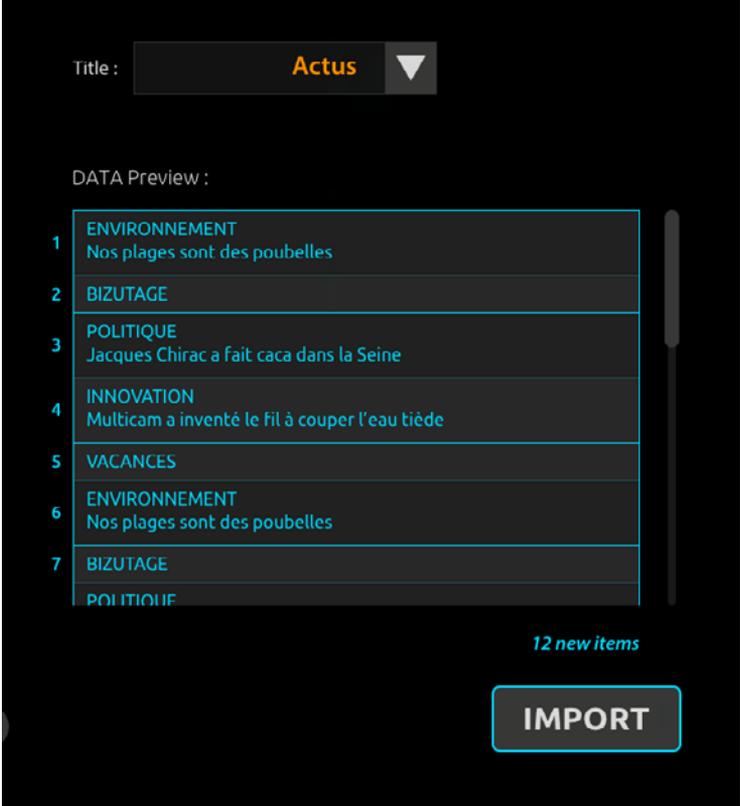
Choose the Title that will receive the data from the drop-down menu.

An overview of the importing data and the processing that will be done allows you to check before confirming the possible addition, modification or deletion of the data.

If weird characters appear, check the selection of text encoding.

Please check carefully and confirm your import if everything is correct.

After a first import, you can modify the file and save it. Just click on  to analyze it again and allow the system to propose the application of new features.



Title : **Actus** ▼

DATA Preview :

1	ENVIRONNEMENT Nos plages sont des poubelles
2	BIZUTAGE
3	POLITIQUE Jacques Chirac a fait caca dans la Seine
4	INNOVATION Multicam a inventé le fil à couper l'eau tiède
5	VACANCES
6	ENVIRONNEMENT Nos plages sont des poubelles
7	BIZUTAGE POLITIQUE

12 new items

IMPORT

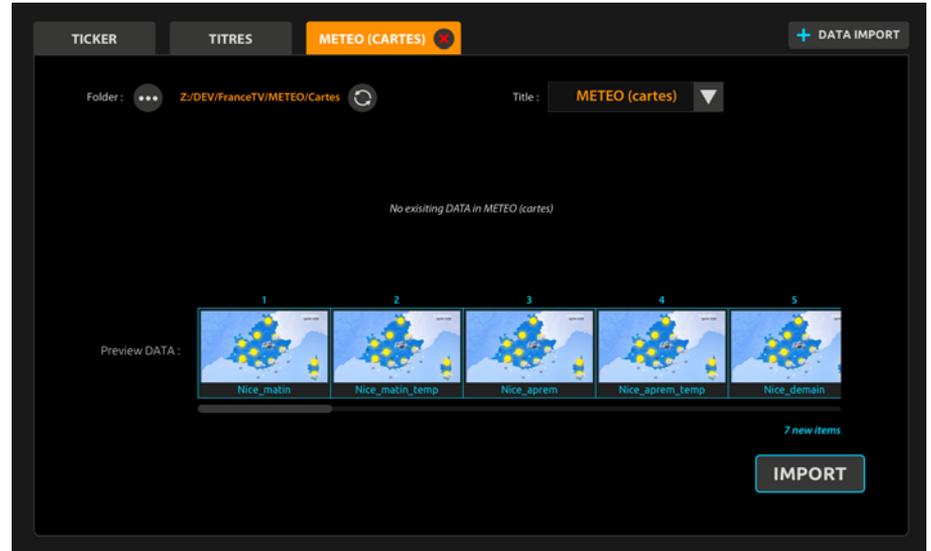
IMPORT OF IMAGES

The import of image concerns:

- Weather widget
- Weather maps

The corresponding images are stored in a directory.

So just browse the folder and specify the destination title.



DATA MANAGEMENT

Apart from the Widget and the Ticker, all text and image data can be edited from the main ASSIST interface.

Available actions:



adding



modification



deleting

Whindow will opened where you can manage data.

The screenshot shows a dark-themed interface titled "EDIT Anim / Corresp.". It contains the following elements:

- Nom :** A text input field containing "Christian Estrosi".
- Fonction :** A text input field containing "Maire de Nice".
- Avatar :** A field with a three-dot menu icon, a red X icon, and the text "th.png". Below it is a portrait photo of a man in a suit.
- Tel :** A field with a three-dot menu icon, a red X icon, and the text "anim-phone.png". Below it is a blue circular icon of a hand holding a phone receiver.
- Bottom:** Two buttons: "CANCEL" with a refresh icon and "OK" with a green checkmark icon.

SCENES (NEXT) MANAGEMENT

The ASSIST interface allows you to prepare a scene before going on air.

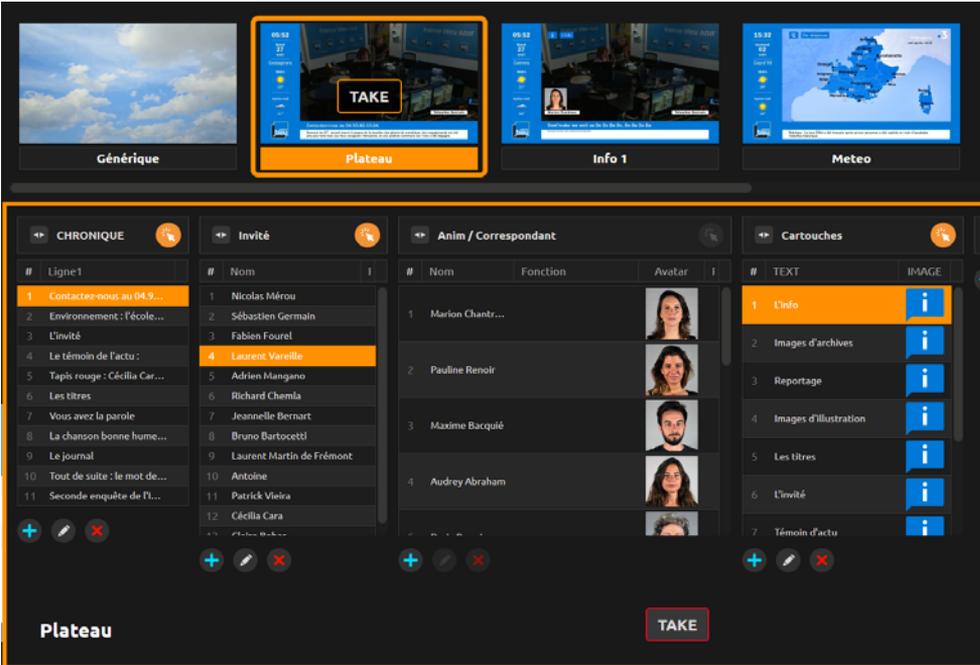
If Scene is not yet on air, any scene selected from the top carousel will be considered as a NEXT SCENE. It will have orange frame.

Select the data you want to display when the scene will appear ON AIR.

Then click on **TAKE**

This icon  identifies that a selection is active in a list of data for a title.

Click on it to deselect automatically.



#	Ligne1
1	Contactez nous au 04.9...
2	Environnement : l'école...
3	L'invité
4	Le témoin de l'actu :
5	Tapis rouge : Cécilia Car...
6	Les titres
7	Vous avez la parole
8	La chanson bonne hume...
9	Le journal
10	Tout de suite : le mot de...
11	Seconde enquête de l'...

#	Nom	I
1	Nicolas Mérou	
2	Sébastien Germain	
3	Fabien Fourlet	
4	Laurent Varelle	
5	Adrien Mangano	
6	Richard Chemla	
7	Jeannelle Bernart	
8	Bruno Bartocetti	
9	Laurent Martin de Frémont	
10	Antoine	
11	Patrick Vieira	
12	Cécilia Cara	

#	Nom	Fonction	Avatar	I
1	Marion Chant...			
2	Pauline Renoir			
3	Maxime Bacqué			
4	Audrey Abraham			

#	TEXT	IMAGE
1	L'Info	
2	Images d'archives	
3	Reportage	
4	Images d'illustration	
5	Les titres	
6	L'invité	
7	Témoin d'actu	

In this example, the Scene is selected and the operator has selected a title, a title block to display with this scene.

SCENES (ONAIR) MANAGEMENT

The ONAIR scene appears in red the red frame. A button at the bottom right switches between NEXT and ONAIR.

You can manage ONAIR scene in different ways:

1) Go to the next (or previous) line

If the content has been already prepared, it will be easy for you to display the next element by clicking on :



2) Updating one data at a time

Select the new data and click on 

3) Updating multiple data at once

Make your selection (or deselection) with  in the different columns and click on 

4) Erasing one data at a time

In the same way as for the update, a button to delete a data  and another to remove everything 

EXAMPLE OF THE **SCENES (ONAIR)** MANAGEMENT

The title Anim / Corresp. will disappear

Data deselection

The guest title will disappear

Data # 3 will replace # 1

The screenshot shows a software interface for managing scenes (ONAIR). It features two main panels, 'Anim / Corresp.' and 'Invité', each displaying a list of data entries. The 'Anim / Corresp.' panel has a title bar with three icons: an upward arrow, a hand with a slash, and a sun. The 'Invité' panel has a title bar with an upward arrow and a hand with a slash. Both panels have a table with columns for '#', 'Nom', and 'Fonction'. The 'Anim / Corresp.' table has 5 rows, with the first row highlighted in red and the third row highlighted in orange. The 'Invité' table has 2 rows, with the first row highlighted in red. At the bottom of the interface, there are two buttons: 'UPDATE ALL' and 'CLEAR ALL'. Annotations with red lines point to various elements: 'The title Anim / Corresp. will disappear' points to the title bar of the left panel; 'Data # 3 will replace # 1' points to the third row of the left table; 'The title Anim / Corresp. will display data # 3 and the title Guest will disappear' points to the bottom of the left panel; 'Data deselection' points to the sun icon in the left title bar; 'The guest title will disappear' points to the title bar of the right panel; 'Selection of title # 2' points to the second row of the right table; 'Title # 2 will replace the previous one' points to the right arrow icon in the right panel; and 'All titles will disappear' points to the 'CLEAR ALL' button.

#	Nom	Fonction	Avatar	Tel
1	Audrey Abraham			
2	Fabien Fourel			
3	Christian Estrosi	Maire de Nice		
4	Germain Mathis			
5	Arnaud Anchelegue			

#	Nom	Fonction
1	Christian Estrosi	Maire de Nice
2	Stan Walbert	Multicam

UPDATE ALL **CLEAR ALL**

Selection of title # 2

Title # 2 will replace the previous one

All titles will disappear

The title Anim / Corresp. will display data # 3 and the title Guest will disappear

INTERFACE ADJUSTMENT

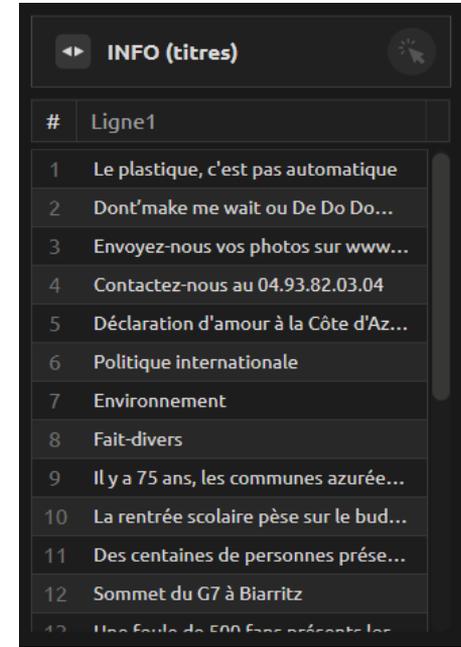
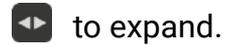
There are several options for adapting the interface are available :



Use the mouse to drag the limit of a column to adjust its width.

Text will be automatically truncated.

To display all data with maximum width, click on



INTERFACE ADJUSTMENT

You can customize the order of the scenes.

Just drag and drop with the mouse :



INTERFACE ADJUSTMENT

You can customize the order of the data rows, so you can have a custom ordering and fast access.

Just drag and drop with the mouse :

The screenshot displays three panels of a software interface, each containing a table of data. The panels are titled "Anim / Correspondant", "Invité", and "Anim / Correspondant" (with a sub-header "Cartouches"). Each panel has a table with columns for ID, Name, and other details. The "Anim / Correspondant" panels have columns for "Fonction", "Avatar", and "Picto". The "Invité" panel has columns for "Fonction". The "Cartouches" panel has columns for "TEXT" and "IMAGE". The interface is dark-themed with red accents.

#	Nom	Fonction	Avatar	Picto
1	Marion Chantreau		Z\Priva...	
2	Pauline Renolr			
3	Maxime Dacquié			
4	Audrey Abraham			
5	Daria Bonnin		Z\Priva...	
6	Thierry Mesnage		Z\Priva...	
7	Adrien Mangano		Z\Priva...	
8	Jeanelle Bernart		Z\Priva...	
9	Alia Zegaoula		Z\Priva...	

#	Nom	Fonction
1	Nicolas Mérou	
2	Sébastien Germain	
3	Fabien Fourel	
4	Laurent Vareille	
5	Adrien Mangano	
6	Richard Chemla	Pdt....
7	Laetitia Siccardi	Prés...
8	Gwendolne Hamon	Com...
9	Alla Zegaoula	
10	Jeannelle Bernart	
11	André Boschietti	Jour...
12	Patrice Chemla	Pdt....

#	TEXT	IMAGE
1	Nice	Z\Priv...
2	L'info	Z\Priv...
3	Images...	
4	Les hum...	Z\Priv...
5	Les hum...	Z\Priv...
6	"Tapis r...	Z\Priv...
7	La chans...	
8	"Vous a...	E\ME...
9	Le mot...	Z\Priv...
10	Reportage	Z\Priv...
11	Ca agite...	Z\Priv...
12	L'invité	Z\Priv...

MEDIALIST

MEDIALIST allows you to create a playlist of images and videos.

The screenshot displays the MEDIALIST app interface with a playlist of 7 items. The items are listed as follows:

Item Number	Item Name	Duration	Playing Mode	Sound Management
1	_DESK_DESERTS_M...	04:12	Next	Mute
2	Reportage_02_plage	00:15	Pause	Volume
3	Reportage_02_plage	- 02:10	Repeat	Volume
4	Reportage_03_ecolo	03:21	Previous	Volume
5	Reportage_01_pub	03:21	Next	Volume
6	Reportage_02_plage	03:21	Next	Volume
7	Reportage_02_plage	03:21	Next	Volume

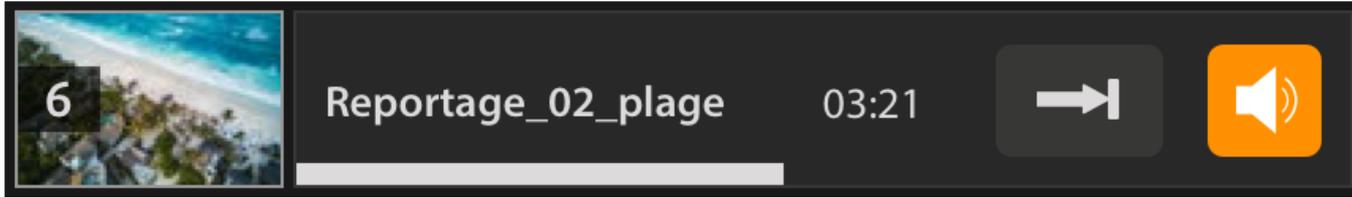
Callouts and their corresponding features:

- SEGMENT IN/OUT**: Points to the progress bar of item 1.
- EDIT IN/OUT**: Points to the edit icon (pencil) in the bottom navigation bar.
- TOTAL DURATION**: Points to the duration '04:12' of item 1.
- TIME LEFT**: Points to the duration '- 02:10' of item 3.
- PLAYING MODE**: Points to the repeat icon of item 3.
- SOUND MANAGEMENT**: Points to the volume icon of item 5.
- READING CHECKS**: Points to the play/pause icon in the bottom navigation bar.

Note: It is preferable to CLEAR rather than STOP to cut a video, because the selection will be removed.

Still images (JPG) must be 16: 9 ratio with a minimum resolution of 1570x880. It is strongly recommended to import media that is stored in the local folder.

MEDIALIST



Playing modes

It defines the behavior once it reaches the end of the media.



NEXT

Next video will start.



STOP

Video will be stoped.



LOOP

Video will play again.

Sound management

It controls audio mixing behavior between media track and audio program.



MIX

Sound will be mixed.



MUTE

Video sound will be muted.



SOLO

Only the video sound will be heard.

VIDEO (IN/OUT) EDDITING

Click on  to set the IN and OUT points of a selected video.

The editing interface will appear on the left screen. Click on  to save changes and exit.



Cursor position
entry point

Preview file

Frame by frame
movement



While playing, Drag the { for adjusting the IN point and the } for OUT or OUT button to adjust the entry or exit point



The cursor allows you to move around the video without modifying the boundaries.

REMOTE MODE ACTIVATION

① Click on API tab

② Enable server

③ Enable User Account

④ Create new user
Copy the key

⑤

Click on Assist API
And Enable Server

The screenshot displays the 'SETTINGS' page for multiCAM systems. The 'API' tab is selected, showing 'Assist API' as the active sub-tab. Under 'Server configuration', 'Enable server?' is checked, and 'Allow cross-origin requests?' is also checked. The 'Authentication method' is set to 'User accounts'. Below, there are two tables: 'API user accounts' and 'API authorized machines'. The 'API user accounts' table lists users 'ares' and 'assist' with their respective keys and creation dates. A '+' button is visible at the bottom right of this table. At the bottom of the settings page, a message states 'You have made some unsaved modifications...' with a refresh icon and a green checkmark icon.

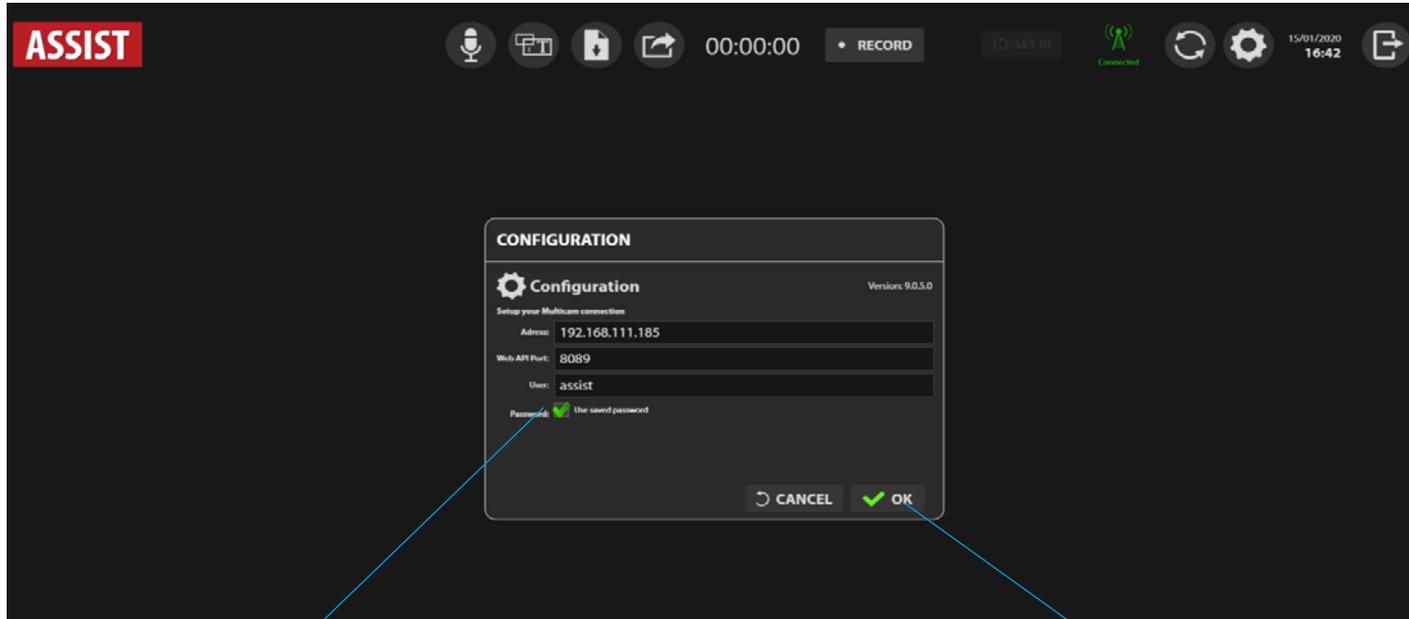
User	Key	Creation date	Actions
ares	eiRvdW1vQUswYlZTazNC	10/16/2019 4:03:11 PM	✕
assist	U1NiSmE2eHBYRGtZZl2	1/15/2020 3:16:03 PM	✕

Machine address	Actions
192.168.111.75	✕

⑥ Save Configuration

REMOTE MODE ACTIVATION

⑦ Open ASSIST



⑧ Enter IP address of MULTICAM, Port
User name and Key

⑨ Click OK

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