



AV-HLC100

Update
April 2020

April 2020

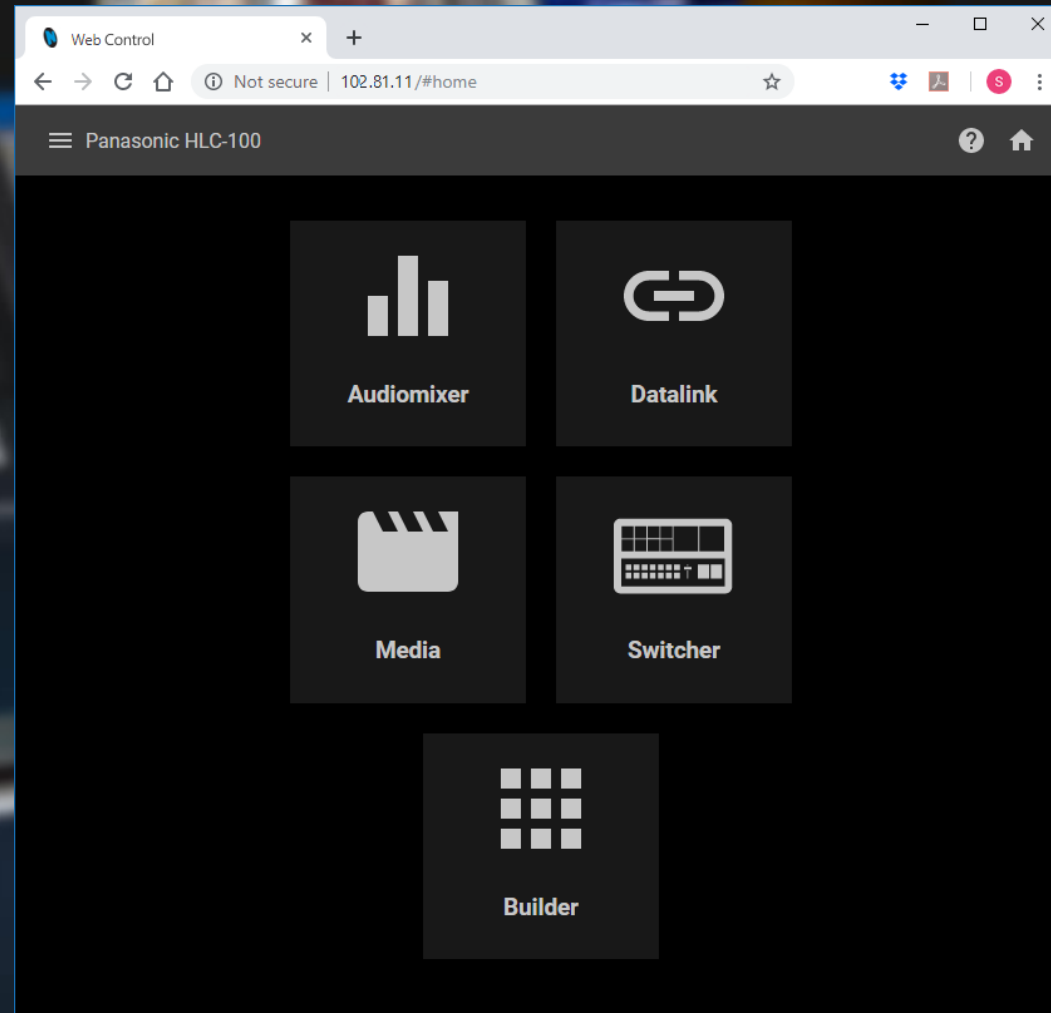
New functions on version 7-1-200407

Item	Description
New Platform	Change to new Tricaster Platform to improve performance, reduce CPU resource and improve performance in 1080/60P &50P
Web Control	Control Audio Mixer and Switcher function from PC/Tablet
Hot Key Customization	Able to add/customize Hot Key operation
External Source for Title	Title can be used with Input Sources, or can be used as 2 nd PiP
Project management	Save/Load Project file (Complete HLC100 setting) at Admin panel (6 slot)
Count Down timer	Add functions into Clock
OSD Operation improvement	Similar operation as RP50
Lens Control Improvement	Same as RP50 sensitivity, Keep AUTO/manual status
SKYPE TX bug fix	Fix latest Microsoft SKYPE TX bug
RTMPS streaming support	Support RTMPS (secured) streaming for Facebook or others.

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Web Control support

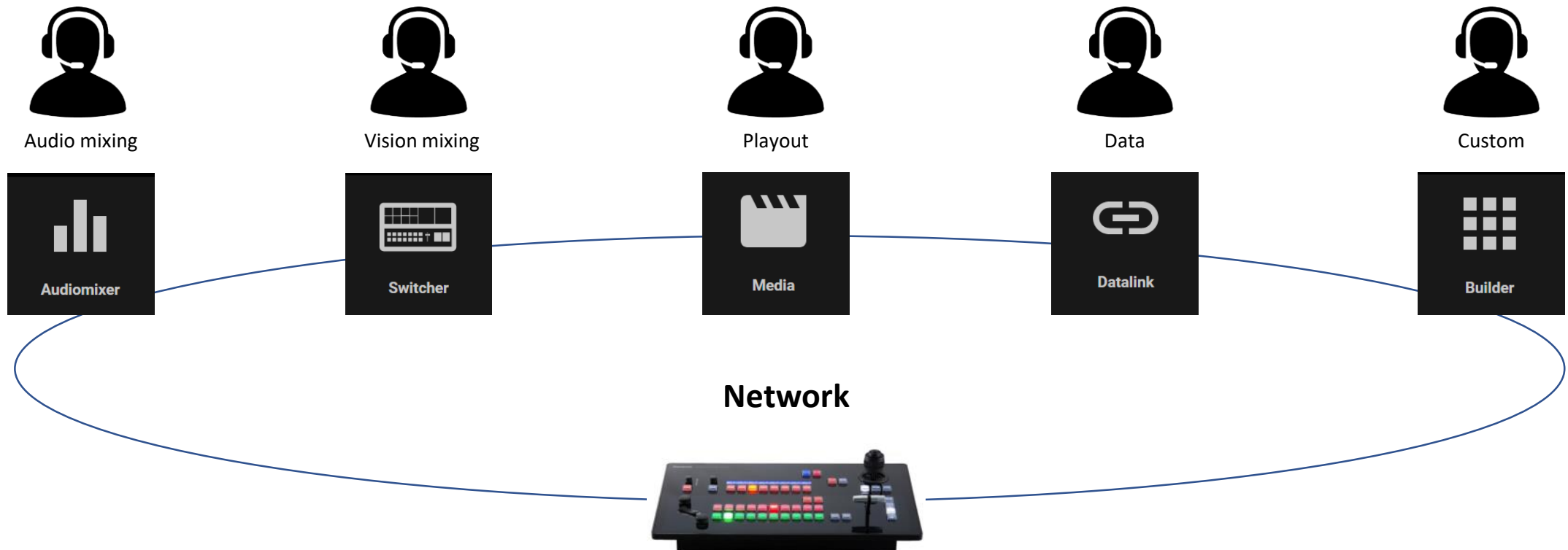
HLC100 can be controlled from external PC or Tablet over IP



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Smart Broadcast Tool

Control AV-HLC100 from different place, or with different people.



Note: Only latest web browser is supported, such as Chrome or Firefox, Internet Explorer is not supported.

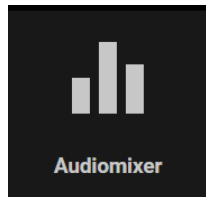
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Audiomixer

Monitor and control volume levels for Audio Mixer sources and outputs.



Audio mixing



Audiomixer

Web Control
Not secure | 102.81.11/#audiomixer

Audiomixer

INPUT 1 INPUT 2 INPUT 3 INPUT 4 INPUT 5 INPUT 6 INPUT 7 INPUT 8 TALKBACK CLIP MASTER PHONES

TALENT
Audio Name
TALENT

0 1 2 3

0 dBFS
-20
-40
-60
-80
20 dB

0
-20
-40
-60

Reset Close

Audio Mixer Presets

1 2 3

4 6

7 8 9

1

Rename

Clear Preset

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Switcher

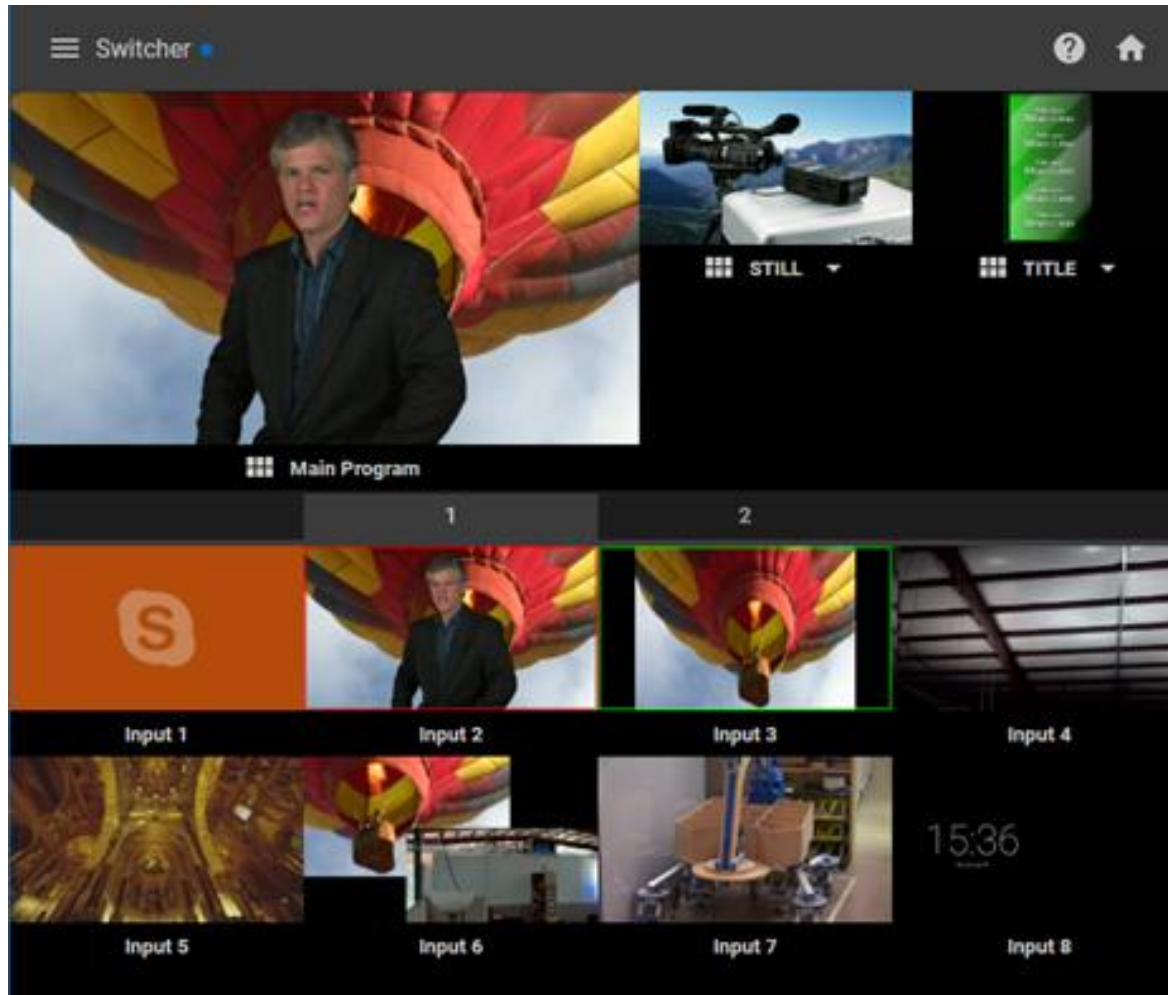
Switch your show from a tablet or other mobile device



Vision mixing



Switcher



- Live switching
- Triggered titles & graphics

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Media

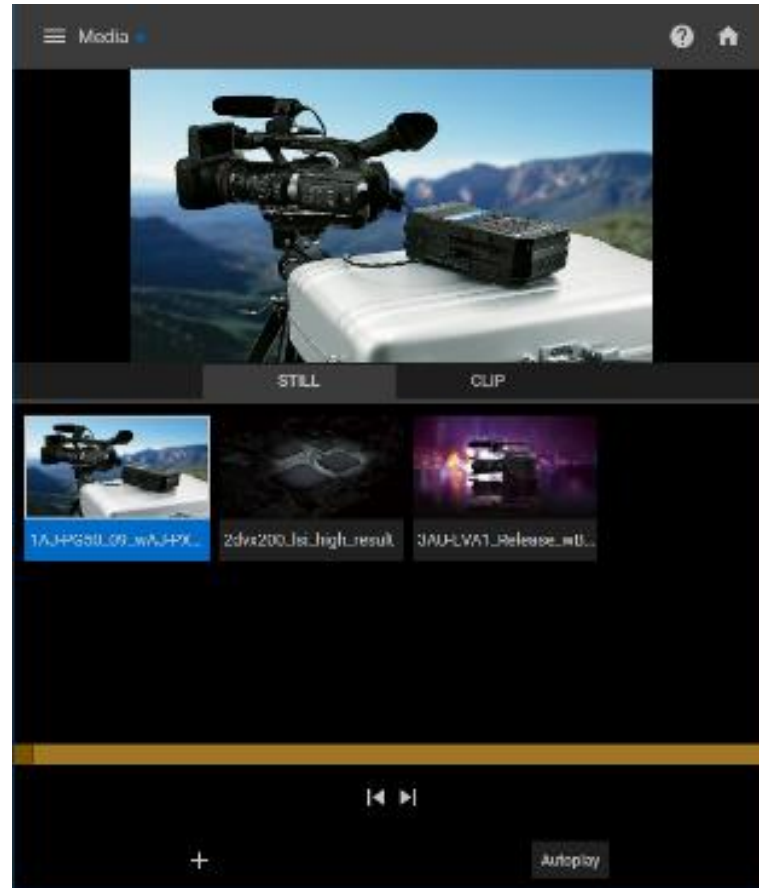
Modify the makeup of your STILLS and CLIPS playlists, and exercise playback control remotely



Playout



Media



- Manage Clips and Stills
- Create Playlist

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Datalink

View and edit DataLink keys and their values to remotely update title page content



Data



Datalink

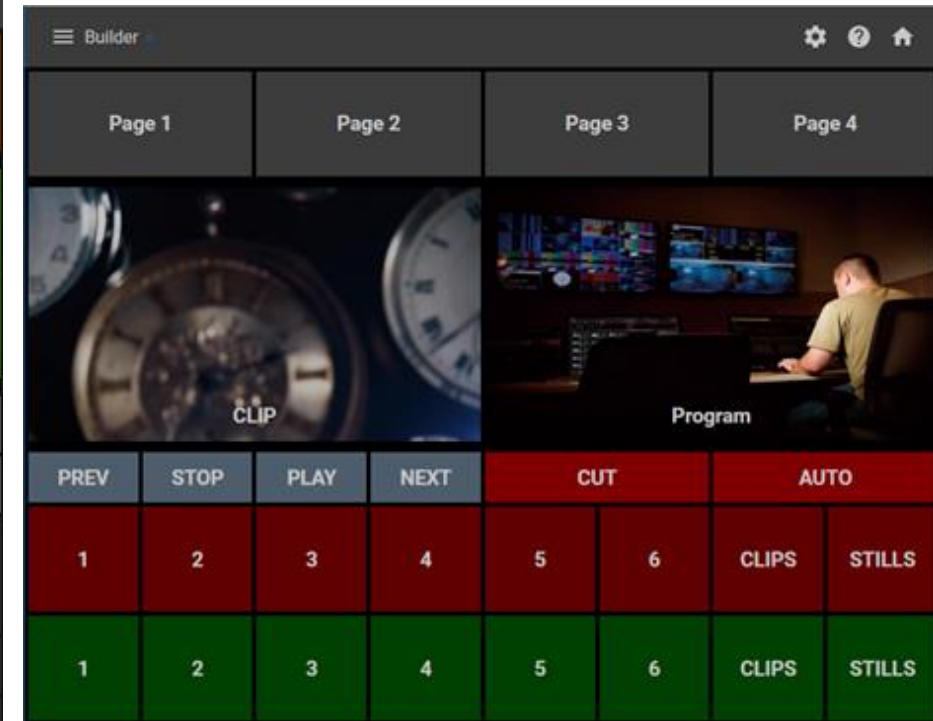
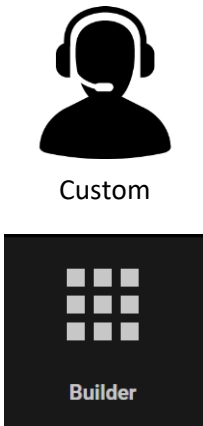
The screenshot shows the Datalink web interface. At the top, there is a header with 'Datalink' and a 'Datalink Browser Plugin' label. Below the header is a form titled 'New Key/Value Pair' with two input fields: 'Key' and 'Value', and an 'Add' button. Below this form are several dropdown menus: 'Switcher', 'Session', 'Media', 'WebKey', 'Time', and 'Event'. The 'WebKey' dropdown is expanded, showing a grid of 12 keys, each with a 'Submit' button. The first key is 'WebKey 01' with the value 'Enter a value here!'. The other keys are 'WebKey 02' through 'WebKey 12'.

Key	Value	Action
WebKey 01	Enter a value here!	Submit
WebKey 02		Submit
WebKey 03		Submit
WebKey 04		Submit
WebKey 05		Submit
WebKey 06		Submit
WebKey 07		Submit
WebKey 08		Submit
WebKey 09		Submit
WebKey 10		Submit
WebKey 11		Submit
WebKey 12		Submit

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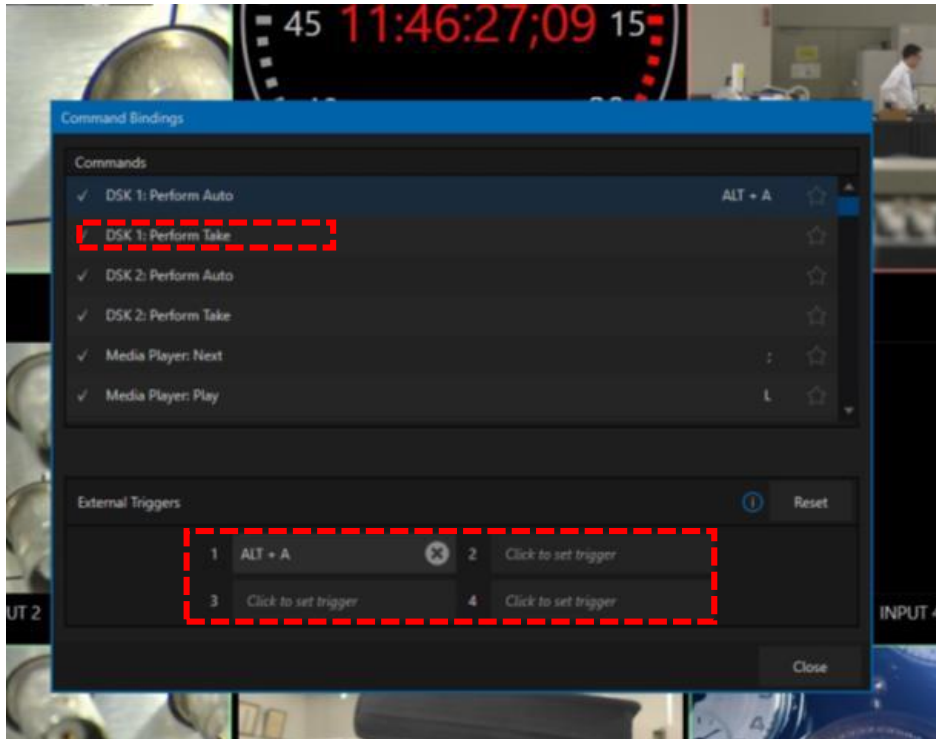
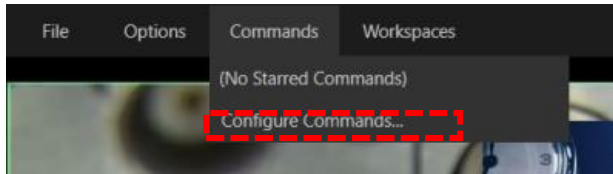
Builder

Use Build function to design your own control page



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Hot Key operation



Execute function from keyboard

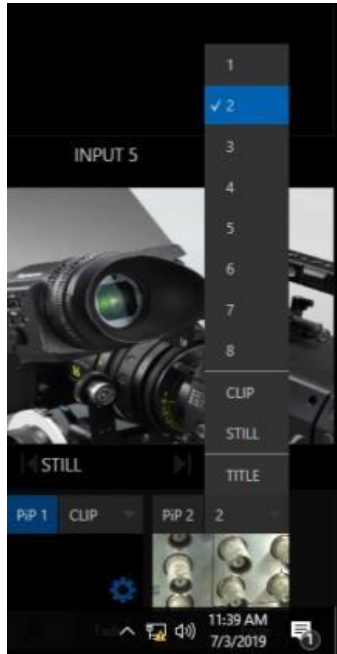
Available functions; PiP Auto/CUT, Title Auto/Cut,

Media Player Play/Stop/Prev/Next/Auto,
Still Store Play/Stop/Prev/Next/Auto,
Input 1-8/Clip/Still Config screen open,
PGM source select, PVW source select,
Title Save to preset#1-9,
Title select preset #1-9,
Open Title Editor, PRV Config screen open,
Perform Auto/Cut/FTB

1. Open Commands menu and select "Configure Commands"
2. Select target function from list, click one of External Triggers #1-4, and record Key stroke from keyboard. Key Stroke can be combination of ALT, SHIFT or Ctrl.

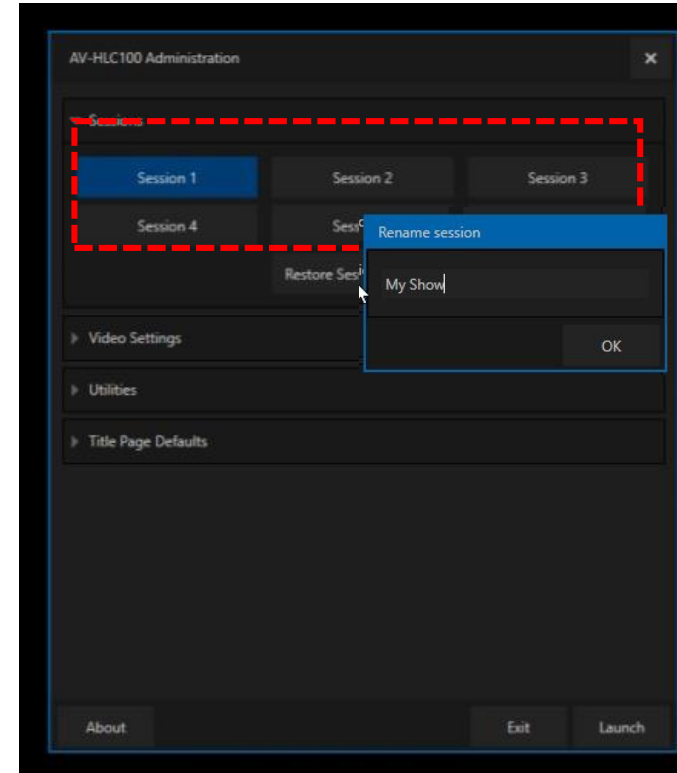
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Use External source for Title to use 2nd PiP



Select Title source from Input#1-8,
Clip or Store to use as 2nd PiP

Save and Load Project



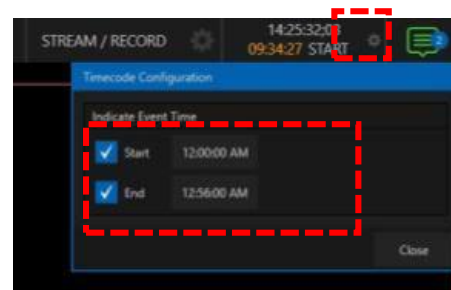
In Administration menu, select Session #1-6.
Each session remember last session setting.
To change other setting, select another
Session.

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Countdown Timer on Clock



Click gear icon next of time display on top and set timer.
Clock Start to start countdown.



OSD operation for PTZ camera



Now OSD operation can be performs only with one knob.

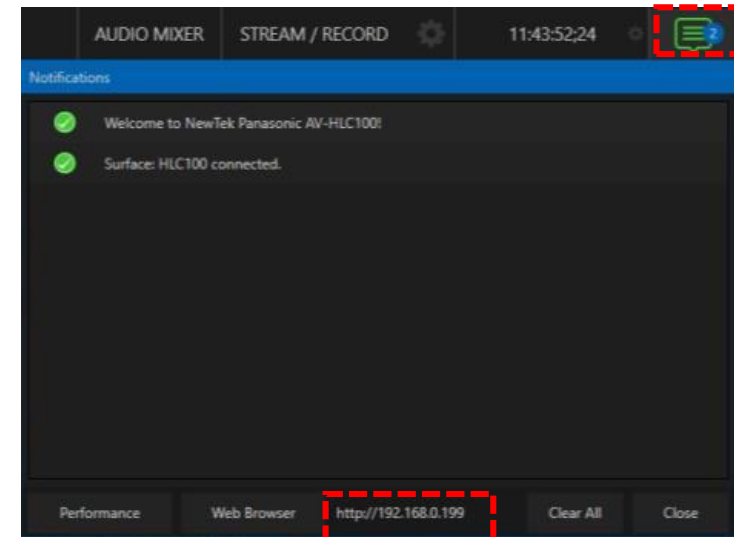
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Lens Control improvements
SKYPE TX update support
RTMPS Streaming support

- **PTZ lens control is improved. AUTO/Manual setting will remain until clicking knob (Focus/Iris)**
- **Focus Iris control are improved. Faster and smoother control can be done.**
- **Fix & support SKYPE TX connection problem (Fix Microsoft SYPE TX bug)**
- **Support RTMPS Streaming for Facebook and other servers.**

* Facebook has been change rule to accept only RTMPS (Secured) streaming from May/2019.

New Notification display to show status and IP address



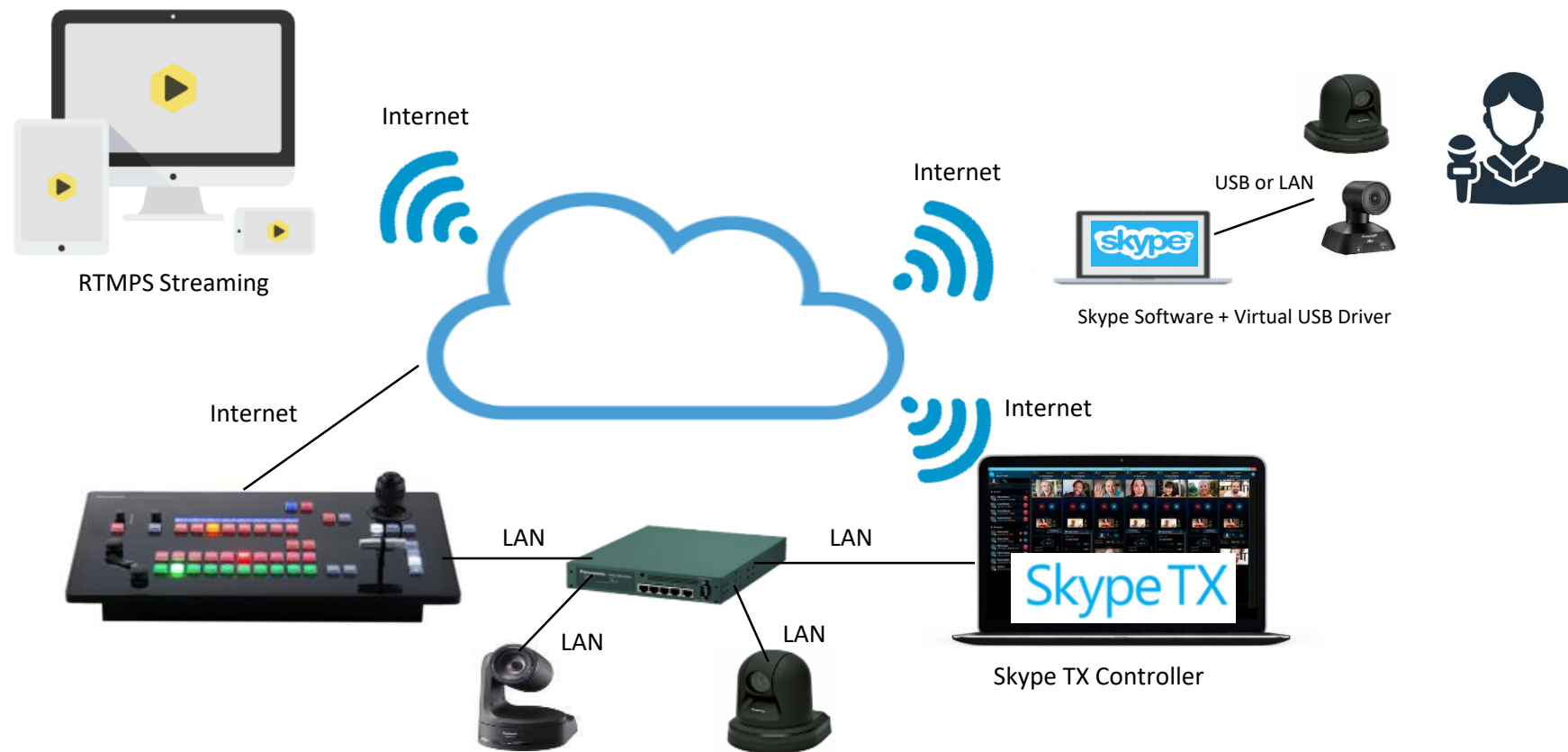
Skype TX – key feature in a changing world

Application #1 : Live Streaming from the field



Skype TX – Key feature in a changing world

Application #2 : Remote Live Interview



Marketing tools

Video Series : [Youtube Playlist Link](#)

- Inputs & Outputs [Link](#)
- Initial System Setup & How to Set Video Sources [Link](#)
- Network Configuration & NDI[®] Setup [Link](#)
- Configuring SkypeTX™ [Link](#)
- Streaming & Recording [Link](#)
- Audio Inputs/Outputs & Mixing [Link](#)
- Configuring & Using PTZ Controls [Link](#)
- PiP and Built-in Titling [Link](#)
- Built-in Media Players (Clips/Stills) [Link](#)

A close-up, slightly blurred photograph of a person's hand holding a small, dark, circular object (possibly a coin or a small disc) over a computer keyboard. The keyboard has several keys with colored caps: red, green, and white. The background is dark and out of focus, showing some blue light from a screen. The text "Thank you !" is overlaid in white, bold font in the center of the image.

Thank you !