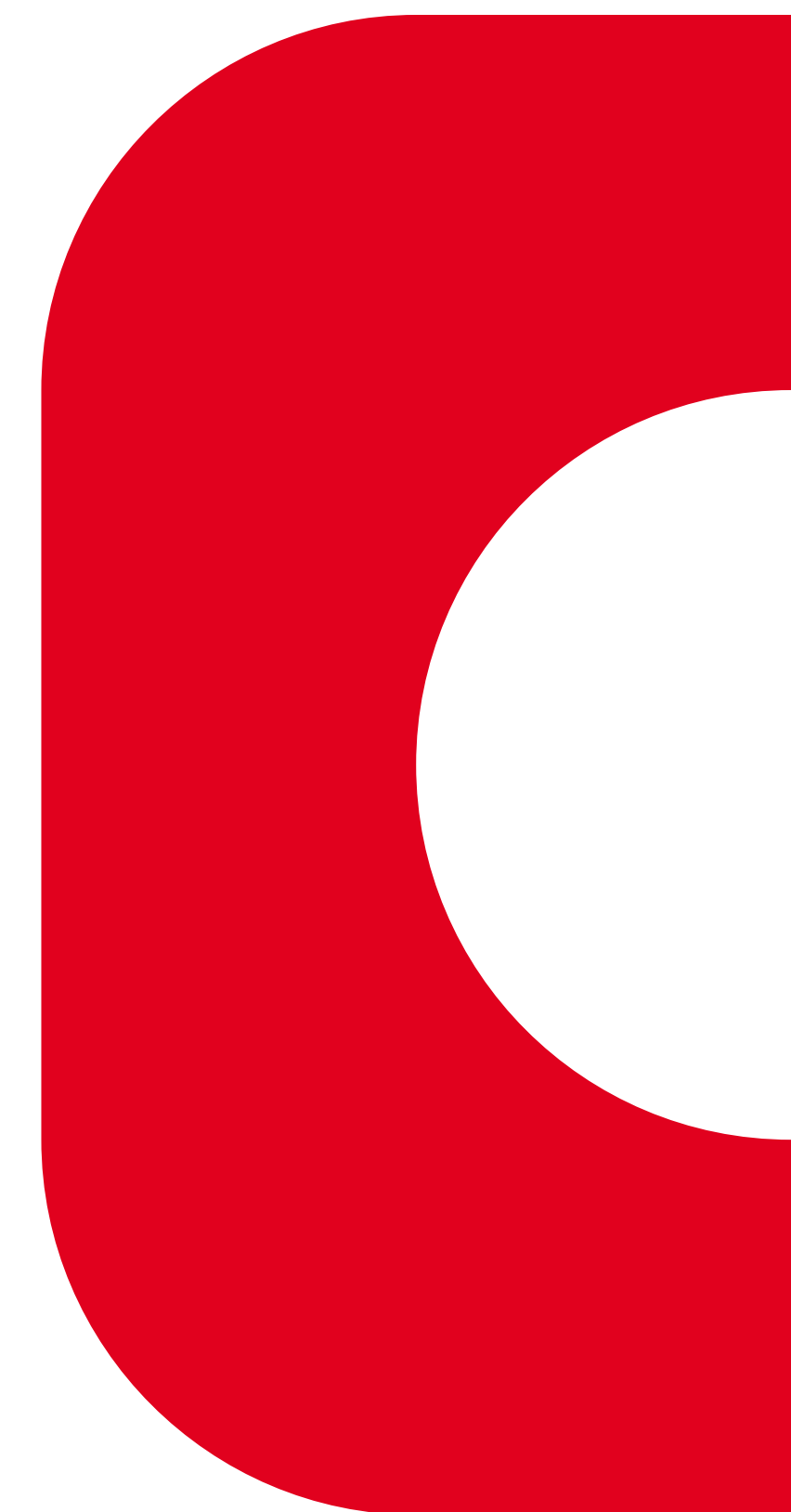# streamstar

LIVE PRODUCTION STUDIO

FIRST STEPS MANUAL

WELCOME

Congratulations!
You have successfully completed the installation of the Streamstar Live Production Studio application.

The purpose of this document is to provide first steps information about the initial setup of your new software to get you started working with the application.

The intuitive design of its user interface will enable you to achieve results smarter, faster and easier.

Thank You for choosing Streamstar.
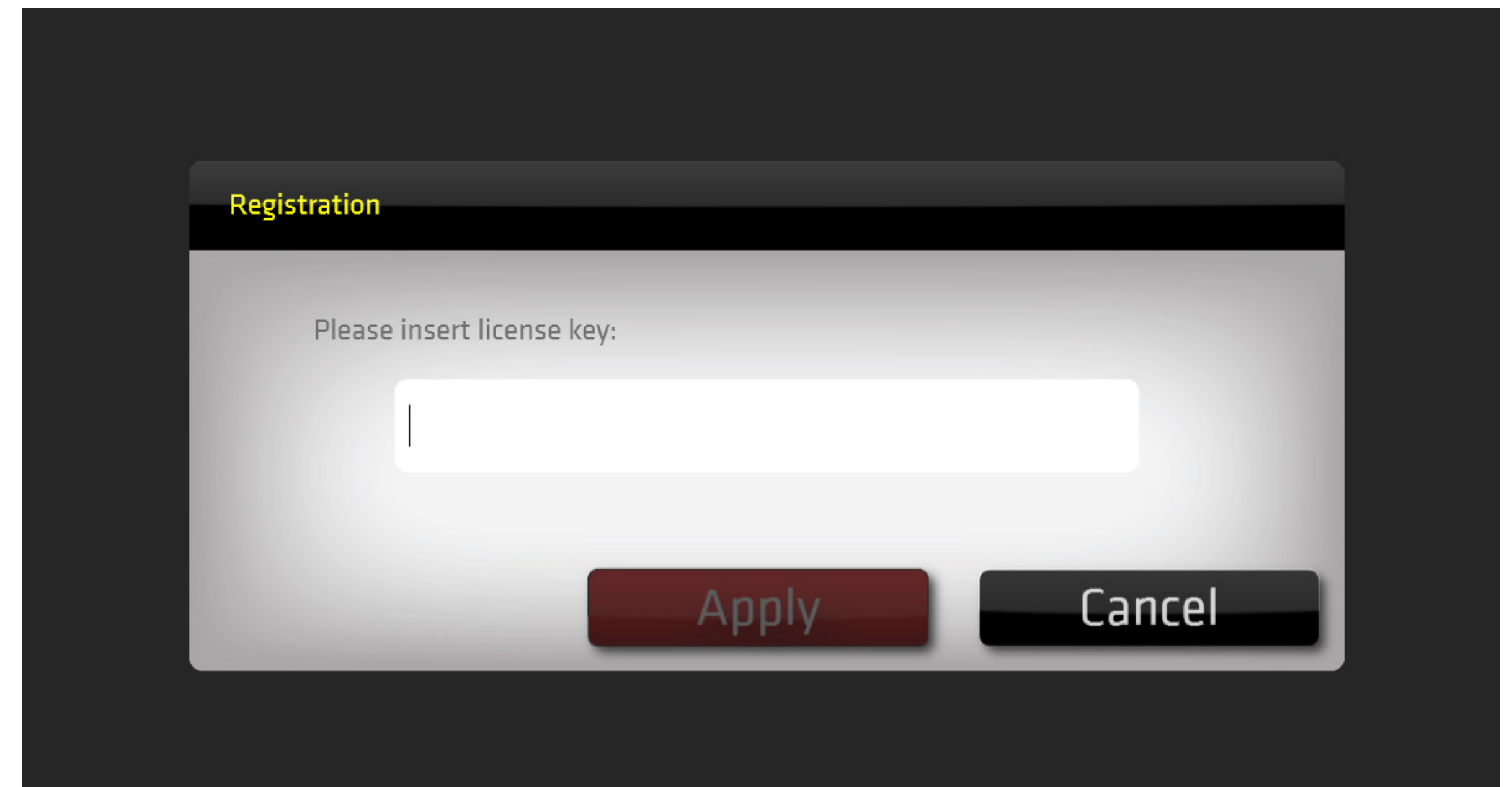
ENTERING THE LICENSE KEY

At first run of the software you will be asked
to enter the license key.

NOTE:	Make sure you are connected to the internet to allow the license key validation process to complete successfully.

Where to find the license key:

1. if you purchased the Streamstar Live Production Studio **Software Voucher** product or one of the **Streamstar KIT**s, the license key is on the Voucher Scratch Coupon.

2. if you purchased the **Streamstar Case** product the license key will be preinstalled and you will not be asked to enter it.

3. if you purchased the software **online** or downloaded a **software trial version** the license key was provided to you at the end of the registration process as well as it was included in the registration confirmation email you received.

At first run of the software this dialog box will appear.
Enter the license key and hit the "APPLY" button.

Registration

Please insert license key:

Apply   Cancel

USER INTERFACE CONCEPT EXPLAINED

The Streamstar Live Production Studio has a modern, intuitive, touch screen user interface. All features can be operated by touch or mouse click when using a non-touch display.

The GUI is designed to support fast operation, processes and workflows in the most logical and practical way.

The GUI layout is divided into 3 horizontal sections containing logically related, operational elements.

1. **PRODUCTION/LAYOUT** section,
2. **CAMERA/SWITCHING** section
3. **CONTENT MANAGEMENT/SETTINGS** section

At the very bottom of the screen is an additional info bar displaying helpful info about the status of the system.

Streamstar Live Production Studio intuitive touch screen user interface

PRODUCTION/LAYOUT section

CAMERA SWITCHING section

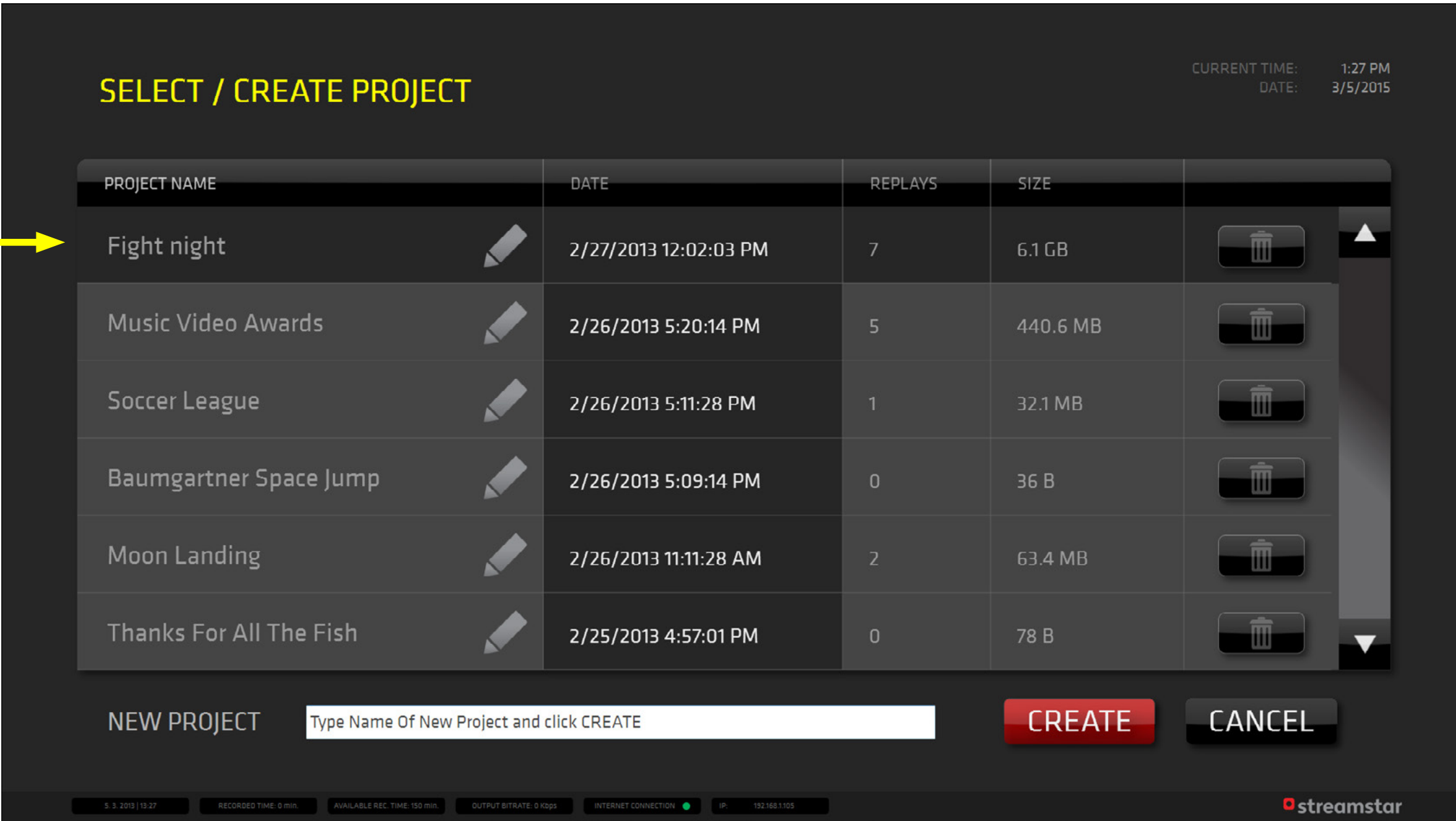CONTENT MANAGEMENT / SETTINGS section

Info bar

LOAD OR CREATE A PROJECT

Load an existing project or create a new one by tapping one of the respective buttons in the CONTENT MANAGEMENT /SETTINGS section.

The NEW PROJECT button creates a new project instantly.
It will be saved automatically as "Unnamed" and can be renamed later.
The LOAD PROJECT button opens a dialog with a list of all saved projects.
Tap a project name to load it into the application.
A new project with a given name can be created here as well.

Tap on the name to load an existing project

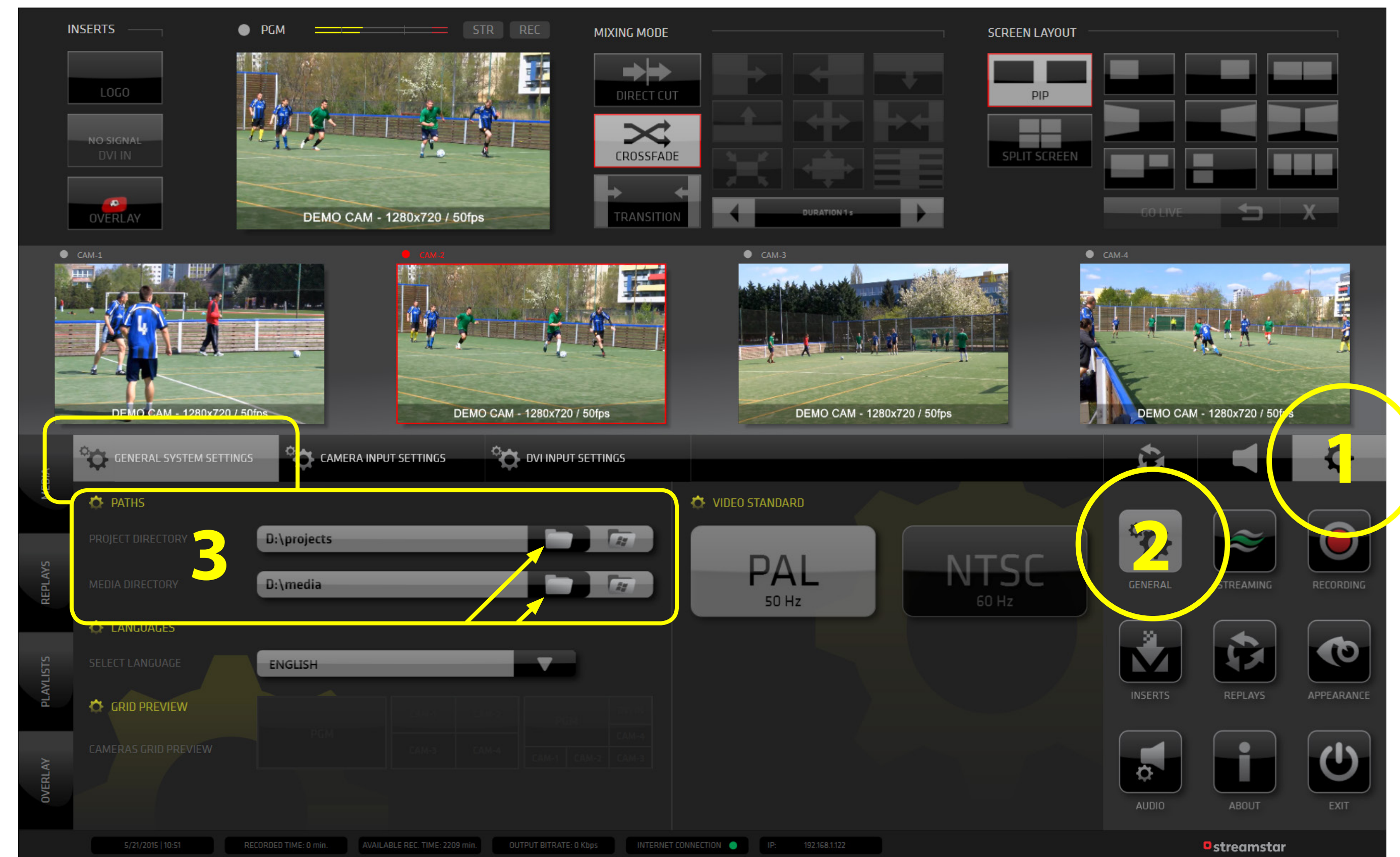|			
Tap the PENCIL icon besides the name of a project to edit the name of the project	Tap the TRASH icon at end of the line to delete a project	To create a new project type its name into the text input field and tap the "CREATE" button

PROJECT DIRECTORIES PATHS

1. Tap the SETTINGS icon to activate the Settings Buttons grid display

   (outlined and numbered yellow in the image)

2. Tap the "GENERAL" settings icon to display the general settings in the Content Management Area

3. Tap the DIRECTORY icon to change the path to project directories of your choice.

By default the directories are setup as shown and there is no need to change them, however as you get more experience you will be setting the paths to your project directories more frequently.

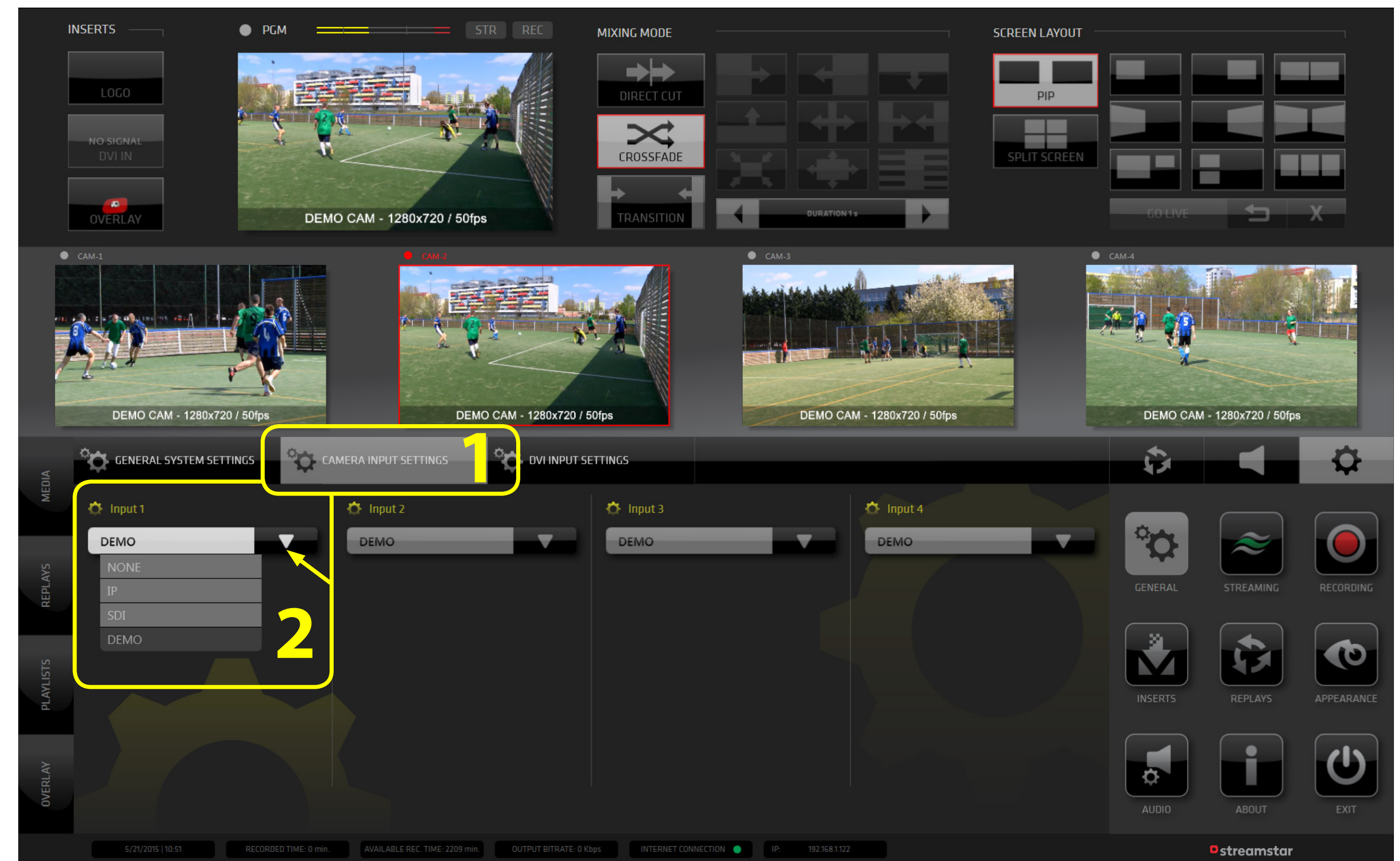GENERAL SYSTEM SETTINGS TAB in General settings activated *(outlined yellow)*

CAMERA INPUTS SETUP

1. Tap the CAMERA INPUT SETTINGS in General settings to reveal the camera inputs setup for each camera.
   (outlined and numbered yellow in the image)

2. Tap the dropdown menu and select the input type for each camera individually.

By default the cameras are set to DEMO, which means that a demo video file is used to provide a signal instead of a camera.
This is a great way of learning to operate the software without the need for camera signals.

GENERAL SYSTEM SETTINGS TAB in General settings activated *(outlined yellow)*

CAMERA SWITCHING

At first run prerecorded video loops are provided instead of having to hook up cameras to get a signal. This is a great way to instantly experience switching and learn to operate the system right after startup.

Switch "cameras" by simply tapping / clicking on any of the 4 camera previews in the Camera Switching section.
(outlined yellow in the image on the side)

Watch the PGM player for the result.

A preview player of a camera presently switched live to PGM is outlined red in the GUI to give visual information about it's live status.

Camera switching section *(outlined yellow)*

MIXING MODES - DIRECT CUT

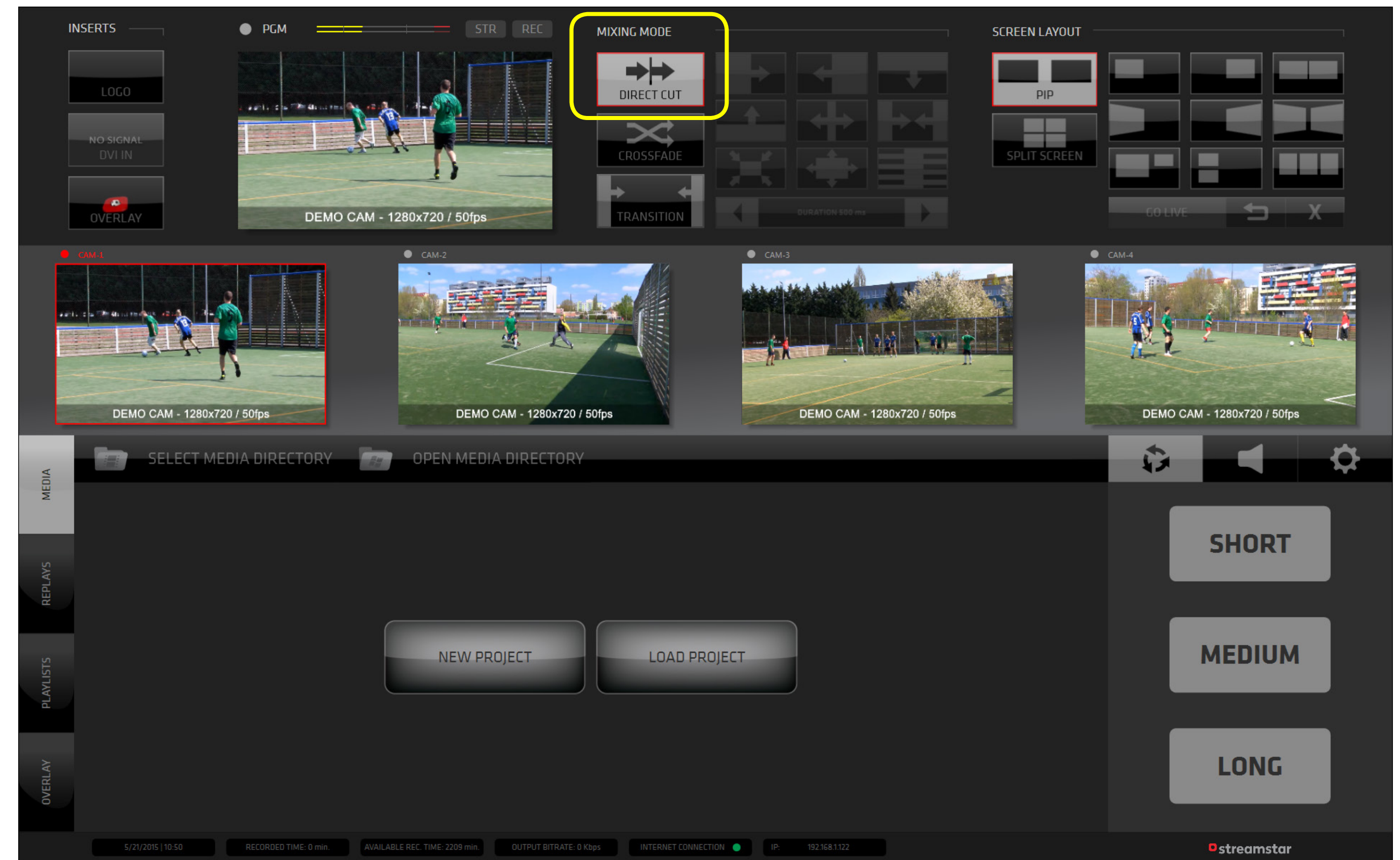In the **MIXING MODE** section select one
of the 3 available modes:

1. DIRECT CUT

2. CROSSFADE

3. TRANSITION

In the image example a DIRECT CUT mixing mode
is activated, thus the software will perform a direct cut
when switching cameras or other sources.

DIRECT CUT activated *(outlined yellow)*

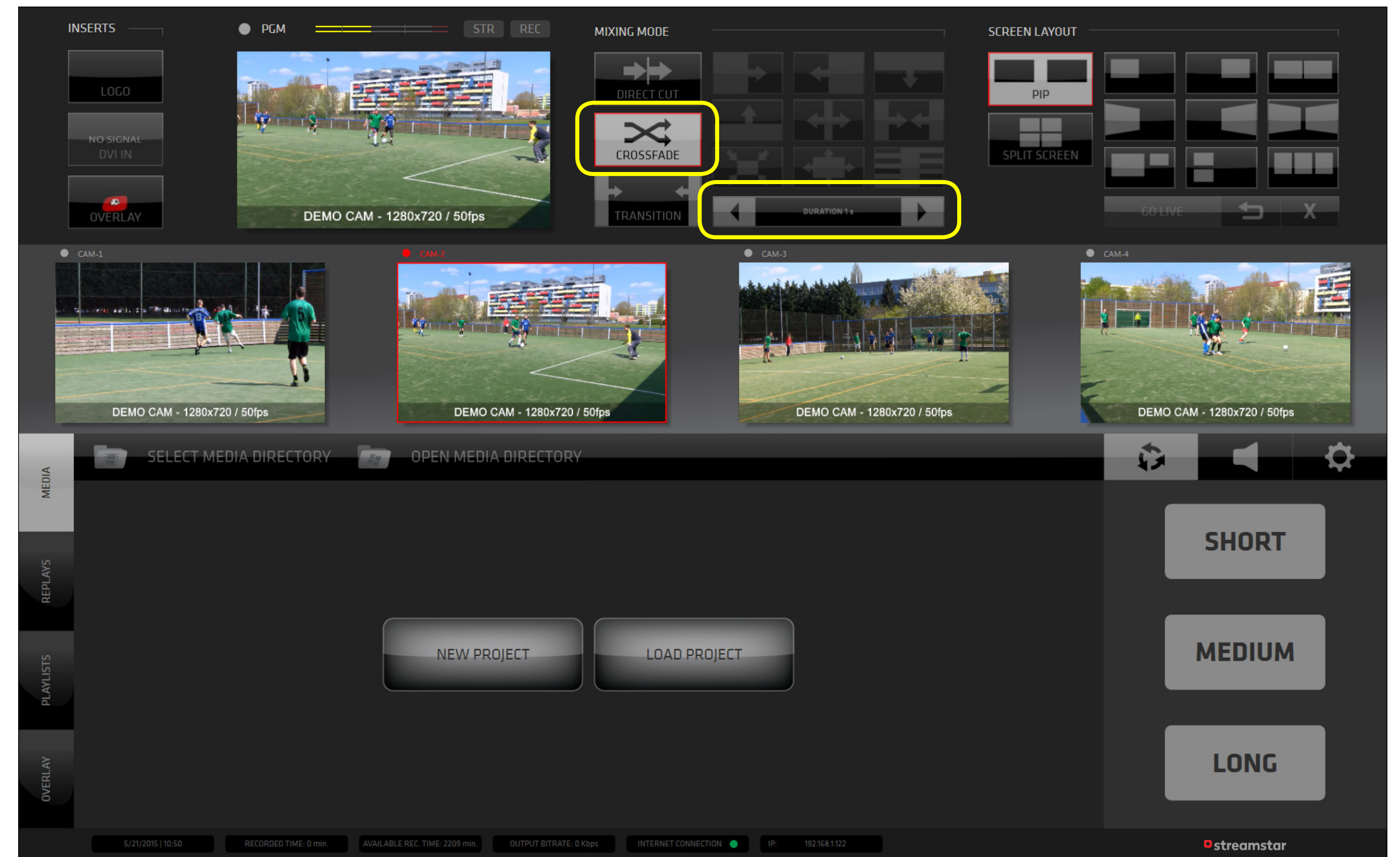For a detailed description refer to the Software User's manual.

MIXING MODES - CROSSFADE

In the MIXING MODE section select **CROSSFADE**.

Using the **DURATION BAR** set the desired duration of the crossfade.

The software will perform a crossfade of a specified duration cut when switching cameras or other sources.

CROSSFADE mixing mode with DURATION BAR activated *(outlined yellow)*

For a detailed description refer to the Software User's manual.
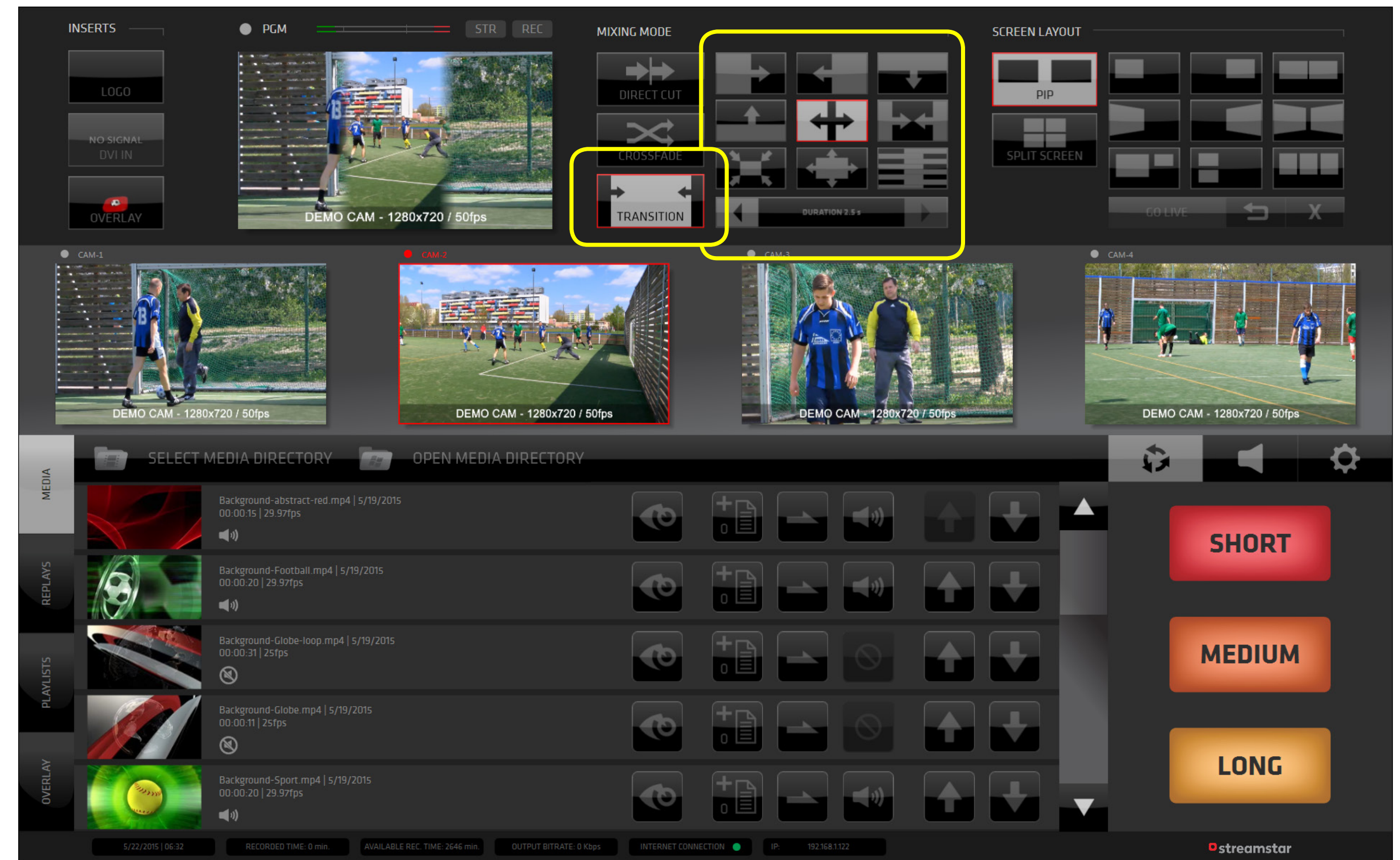
MIXING MODES - TRANSITION

In the MIXING MODE section select **TRANSITION**.

Select one of the provided transitions in the **TRANSITION SELECTOR** grid.

Using the DURATION BAR set the desired duration of the transition.

The software will perform a transition cut of a specified duration cut when switching cameras or other sources.

For a detailed description refer to the Software User's manual.

TRANSITION mode with TRANSITION SELECTOR and DURATION BAR activated *(outlined yellow)*

MEDIA PLAYBACK

The software is capable to use any video in the media directory in the production.

1. Select the **MEDIA TAB** in the left side menu of the Content Manegement Section. *(outlined yellow)*

   A list of media files present in the media directory with all relevant controls / information is displayed.

2. Use the **PREVIEW** icons for each media file to preview the media file.

3. Use the scroll bar to scroll through if needed.

MEDIA TAB in the left side menu activated *(outlined yellow)*

4. Insert the media file into the production by tapping on it's preview player - same as when switching a camera.

    A media file being played is outlined red in the GUI and a playhead position indicator is moving accross the preview to give visual reference about the status of the media being played back.

5. Tap the **SELECT MEDIA DORECTORY TAB** to change the path for the media directory to load a different set of media files into the software media library.

For a detailed description refer to the Software User's manual.

Media file inserted in Live PGM SELECT MEDIA DIRECTORY TAB *(outlined yellow)*

STREAMING SETTINGS

1. To select a streaming platform tap on the STREAMING icon in the SETTINGS section to reveal the streaming settings in the Content Management Area.

2. Under the STREAMING TAB there is a choice of supported and pre-set platforms and CDNs.

For a detailed description refer to the Software User's manual.

STREAMING TAB in Streaming settings activated *(outlined yellow)*

Selecting a platform will reveal all necessary settings to stream to a particullar platform.

There are some variations of what the platform requires.

Fill in your account information.

Before you press the "START" button to start streaming you need to set your Encoding settings on next page.

For a detailed description refer to the Software User's manual.

Flash Media streaming platform settings

STREAMING SETTINGS - ENCODING

Under the ENCODING TAB there are all necessary settings
to set your encoding parameters:
Video and Audio bitrates, Resolution, Quality...
all settings can be saved as Encoding Profiles for later use.

A choice of preset encoding profiles is available in the
dropdown menu "LOAD ENCODING PROFILE".

Encoding parameters can be modified only when the system
is **not streaming**. STOP STREAMING before you can make
changes to your encoding settings.

For a detailed description refer to the Software User's manual.

ENCODING TAB in Streaming Settings activated *(outlined yellow)*

streamstar

For more information please refer
to the Software User's manual.

Thank You and enjoy!