

A short horizontal line with a blue segment on the left and a red segment on the right.

# Interactive Switch Manager

A stream sources switch controller for AREC Media Stations



# Description

- Interactive Switch Manager allows users to **dynamically**\* switch media station's video source  
*\*Dynamic switching means the source switching can be applied during station is doing recording or streaming without interruption.*
- However, there is some limitations with it
  - The Dynamic switching only applies to steam sources, such as RTP, RTMP, RTSP
  - The video sources before and after switching must be the same protocol.  
Ex.
    - original source: <rtmp://192.168.0.178/live/test1>
    - switch to source: <rtmp://192.168.0.178/live/test2>
  - The switching between different types of video inputs or protocols would require a reload of the video service, which not able to be accomplished during recording or streaming.



# Release Notes

- v0.4
  - Add info logs
  - Fix "Different stream protocols can still be switched during recording or streaming"
  - Fix "Blank image after removing RTP/RTSP stream and set back to RTP/RTSP stream"
- v0.3
  - Fix "UI distortion when Windows display size scales to more than 100%"
  - Modify the source list file name from "school\_uni.txt" to "source\_uni.txt"
- v0.2
  - Media station's information can now be saved after applied
- v0.1
  - First release



# Installation

- Portable Application
  - Unzip the packet and play!
- System Requirement
  - OS: Windows 10
- Pre-requirement
  - N/A

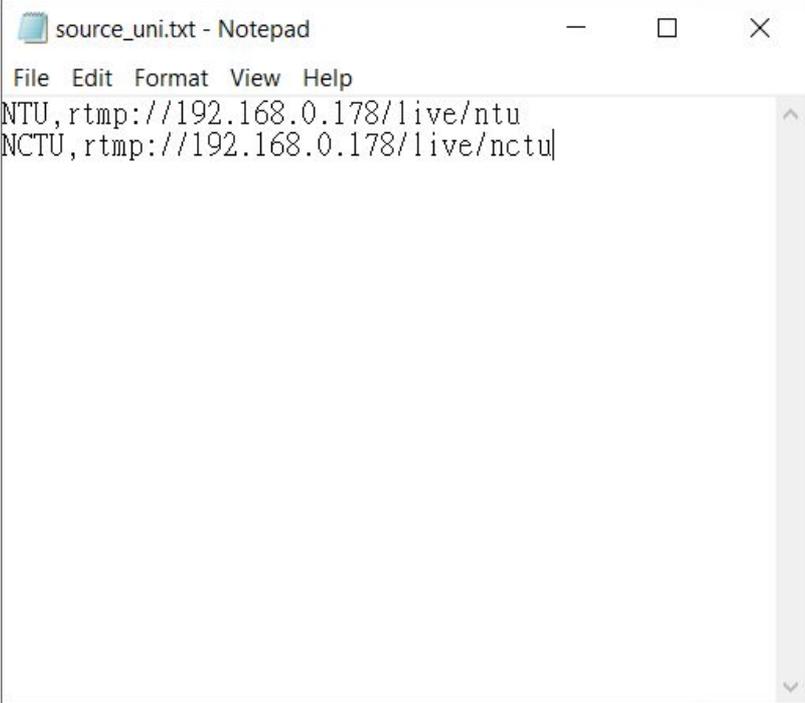


# Compatibility

- Compatible with the following AREC Media Stations
  - LS-2 / LS-200 / LS-300 / LS-400
  - KL-3 / KL-3T / KL-3WT
  - LS-110
  - LS-860

# Configuration

- Set up the source list
  - Open the *source\_uni.txt*
  - Insert your stream source in the format below  
(\*Source name and URL separated by a comma)
    - **Source\_Name,Source\_URL**  
Ex.  
**NTU,rtmp://192.168.0.178/live/stream**
  - Please note that there should be no whitespace character in the list
  - Add all the sources needed and save the file



The screenshot shows a Notepad window titled "source\_uni.txt - Notepad". The window contains two lines of text: "NTU,rtmp://192.168.0.178/live/ntu" and "NCTU,rtmp://192.168.0.178/live/nctu". The window has a standard menu bar with "File", "Edit", "Format", "View", and "Help".

```
source_uni.txt - Notepad
File Edit Format View Help
NTU,rtmp://192.168.0.178/live/ntu
NCTU,rtmp://192.168.0.178/live/nctu
```

# Usage

- Make sure that `source_uni.txt` and `Interactive Switch Manager.exe` are under the same folder
- Start the `Interactive Switch Manager.exe`
- Insert your media station's IP and administrator's username and password
- Select the video input channel you're going to control
- Select a source on the stream list
- Click "Apply"

Name

 Interactive Switch Manager.exe

 source\_uni.txt

