NEC LoopSign Deployment Guide
IMH and IML product family

NEC has made it very easy to deploy LoopSign to NEC.
You will need a NEC screen with the build in Raspberry Pi4 compute module

Content

1. What do you need

- NEC screen with Raspberry PI4 compute module

1.1 Selecting LoopSign

- NEC compute module comes with preinstalled NEC media player
- In NEC media player, select CMS and LoopSign – then select Install.
  SignageOS image will now be downloaded and installed, it will take quite a while.

2. SignageOS configuration

2.1 Configure SignageOS APP

When screen has started SignageOS App will show a 7 digit hash code.
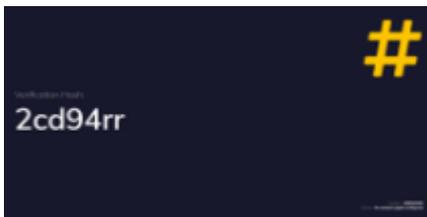
- Open your LoopSign Manage Screens - https://edit.loopsign.eu
- Press the "Settings" button on the LoopSign screen you want to be associated to the screen
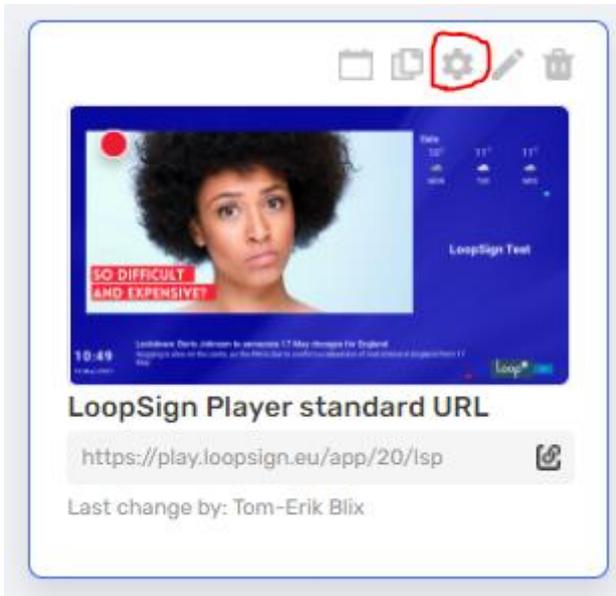
- Select SignageOS
- Input the hash code
- Press Save button

After a few seconds the screen will show
the content of the LoopSign screen.
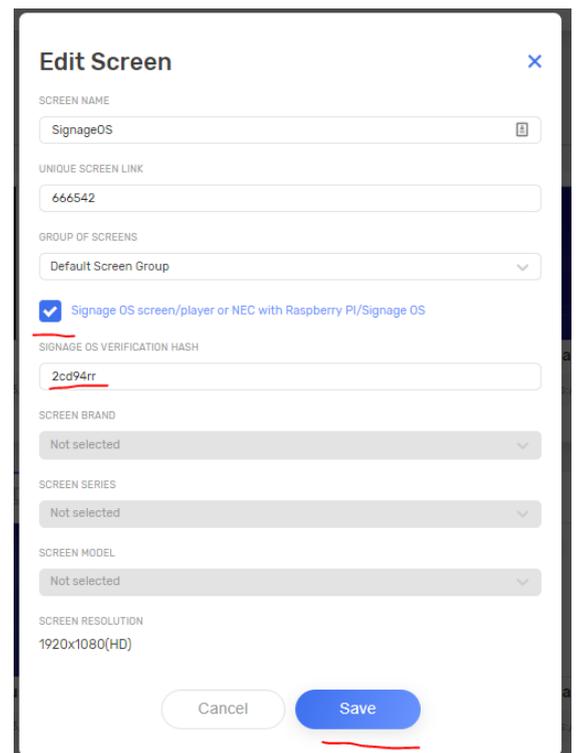
3. Writing image directly to the module

You can also deploy Loopsign a bit faster by writing the image directly to the compute module. This requires some more technical skills, but is a good option if you are to deploy many NEC screens.

3.1 Prepare with the necessary tools

Download and install Driver and software to be able to connect to the RPI4 compute module.
https://www.raspberrypi.org/documentation/hardware/computemodule/cm-emmc-flashing.md

Download tool for "burning" the image to the RPI4 compute module.
https://rufus.ie/en_US/

Download the latest Signage OS RPI4 image
https://o.signageos.io/rpi4

3.2 Burn the image

1. Completely turn off the display (disconnect power)
2. Flip the switch on the CM 4 module down
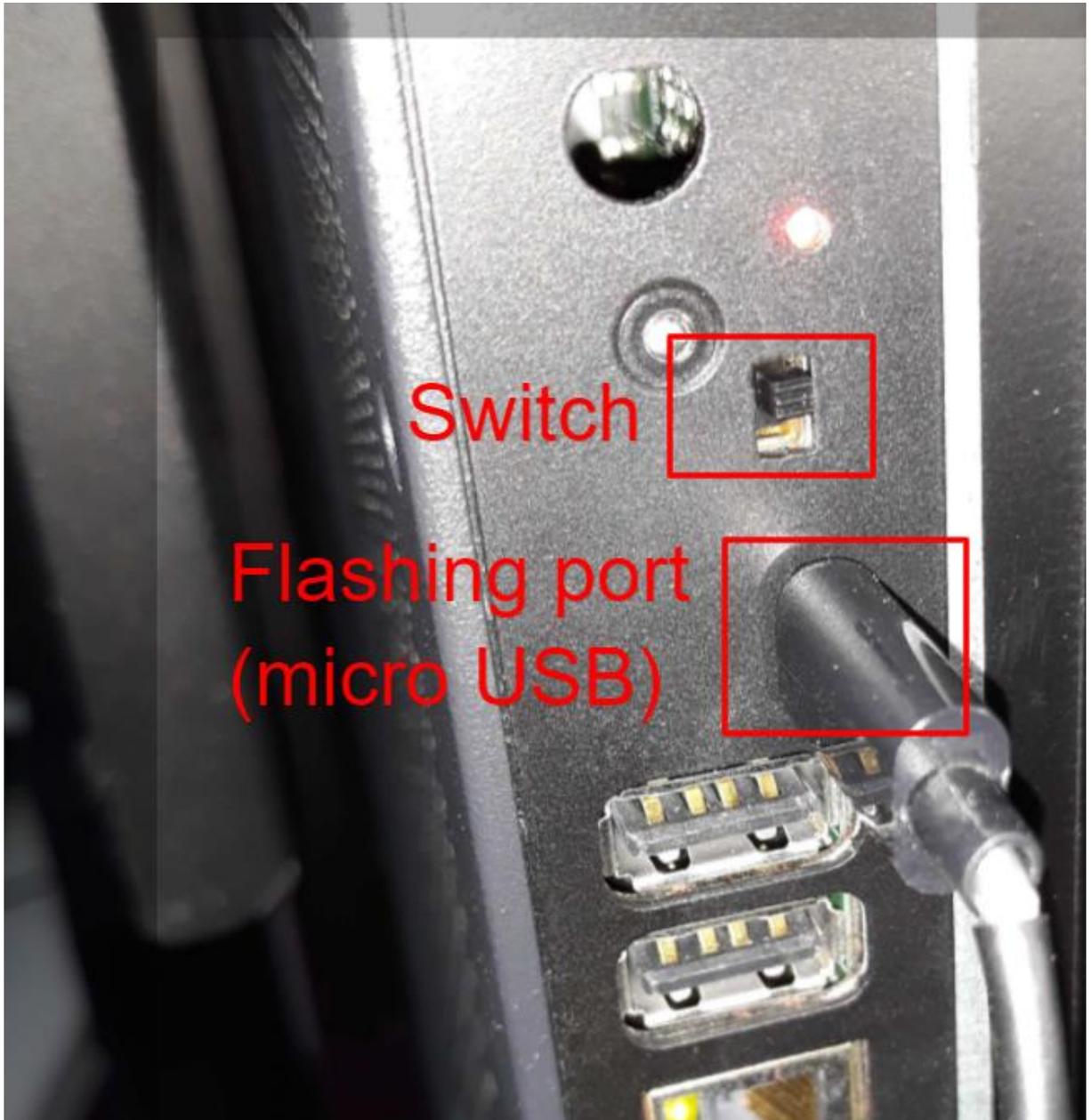
3. Connect your PC to the CM 4 flash port (micro USB)
4. Start RPi Boot tool (rpiboot.exe)
5. Turn the display on
6. Flash via RPi Boot with Rufus tool, wait until the flashing is done
7. Turn the display off
8. Unplug your PC
9. Flip the switch on the CM 4 module up
10. Turn the display on