

## Instructions for implementing Nubart Sync on Brightsign players

**Important:** BrightSign players used for Nubart Sync need permanent Internet connection (via Ethernet cable or WIFI) but the required bandwidth is very low.



### Preliminary tasks

Login to your Nubart customer area using the link we provided to you.

Go to **Assets** and upload the mp4 files for the videos that should be synchronised. Our team will separate the soundtrack and use it for the audio guide.

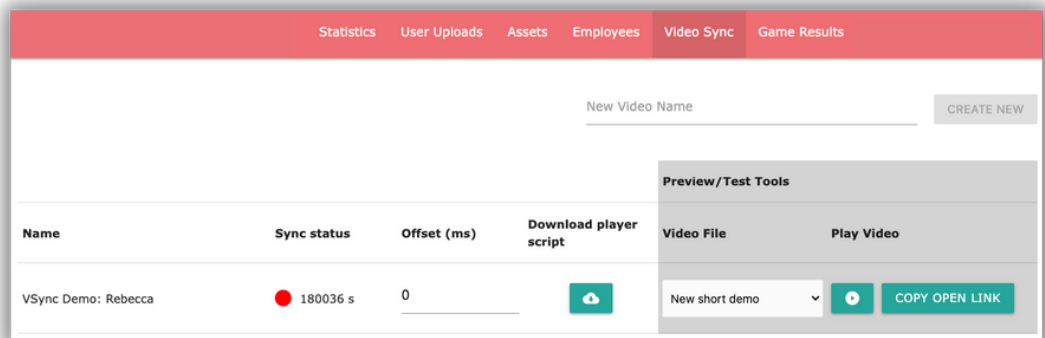
If you have videos in several languages, please upload all of them, so that we can separate those soundtracks as well. (Or upload only the sound files, but in that case please make sure that there are perfectly matched with the video and that they have exactly the same length).

Each time you upload a file, our team will get a notification automatically. We will review your files and let you know if we have any question or remark.

Now go to **Video Sync** for the integration. (If the integration will be performed not directly by you, but by a technician, remember to invite him/her as an "employee" with permissions as "video controller". You can do so under **Employees**).

Once in **Video Sync**, go to **Create new** and give an explanatory name to your video display.

**Attention:** you will not be able to change this name afterwards!



Create a video-sync-entry for every video display that requires synchronised audio tracks:

- If you only want to play one video, but provide soundtracks in different languages, you should **create only one video-sync-entry**.
- If you need to play the same video in two different spots, you have to **create two video-sync-entries** for the same video.

Click on **Download player script** to download the **videoplayer.html** file that you'll need for the BrightSign player.

**Attention:** this file contains a secure unique token that identifies the video display. Make sure **each file is published to only one BrightSign player**, otherwise synchronisation will not work. Opening the file in a browser would also interfere the synchronisation signal.

## Publish to BrightSign player

Create a muted version of your video on your computer by deleting the audio (unless you want to play it in a main language on site and use Nubart Sync only to provide a synced access to the remaining languages). **You have to name this file `video.mp4`.** The `videoplayer.html` file you downloaded from the Video Sync site has to be published to the respective Brightsign device together with the video-file named `video.mp4`. Please use BrightAuthor to publish those two files.

Go to **Presentation Settings => Device Web Page** and select "Custom". In the file selection pick the file `videoplayer.html`.

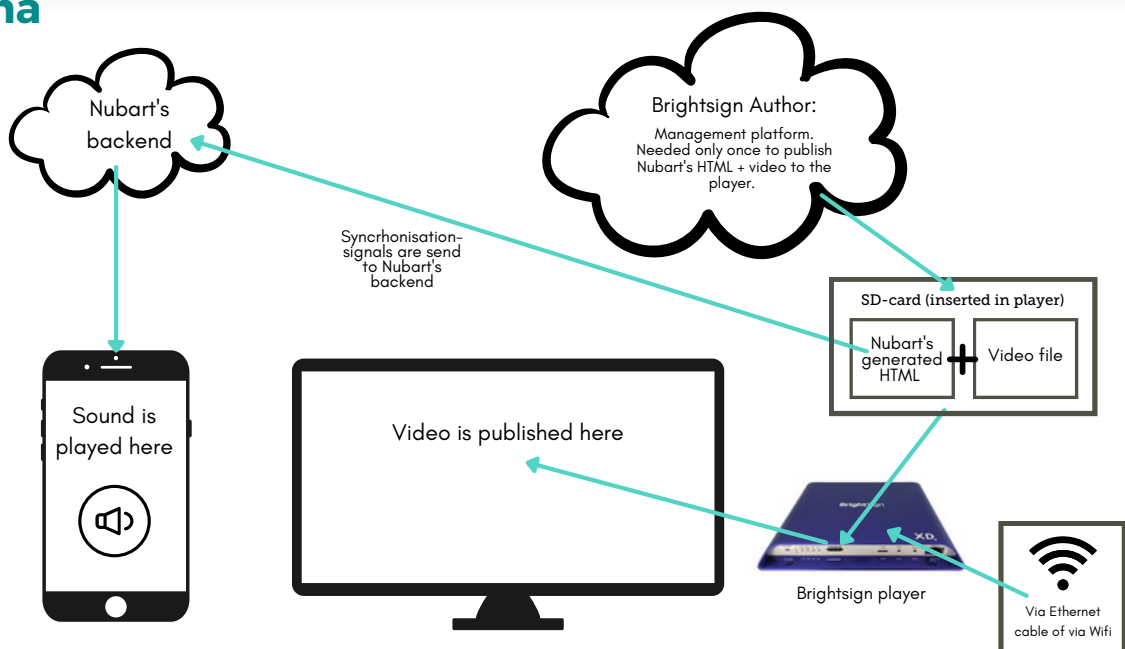
Before you publish make sure there are two files in the "Content" tab: `video.mp4` and `videoplayer.html`



Once the video is running on the BrightSign player, the indicator in the **Sync Status** column will turn green and show the elapsed seconds since the last sync signal received from the player.

Name	Sync status	Offset (ms)	Download player script	Video File	Play Video
VSync Demo: Rebecca	<div><div></div>180036 s</div>	0		New short demo	COPY OPEN LINK

## Schema



## Final adjustments

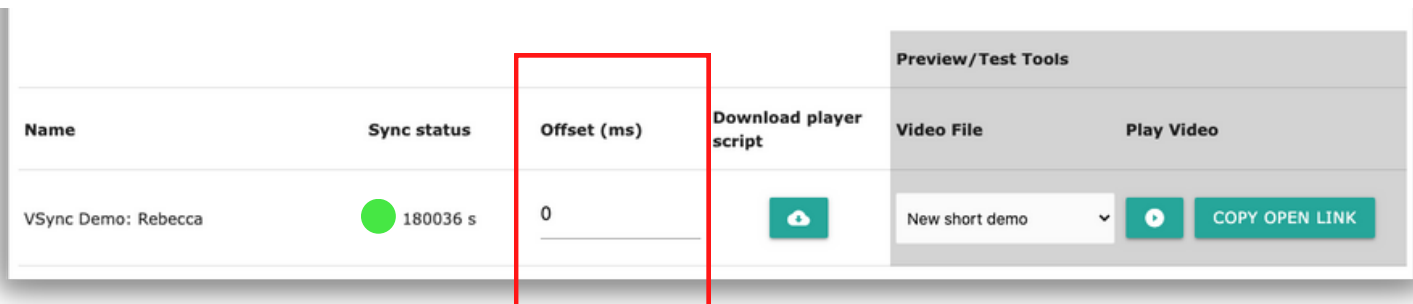
Once you have published all your videos, inform your Nubart project manager. (S)he will associate the soundtracks with your published videos and send you a link-demo that will allow you to check on-site the settings between the synced sound and the screen. This association and the corresponding link can be generated by Nubart in a few minutes.

(If checking the video screen onsite requires you or your technician to travel, please schedule a time with your Nubart project manager to coordinate these tasks remotely, but in real time.)

Please check the screen onsite and open the demo-link with your smartphone.

The synchronization may not be working properly yet. This may be due to an offset caused by the specific combination of the BrightSign player, the display and the HDMI cable. This offset is a stable value, but it varies depending on each setting.

Please enter a value in **Offset (ms)** for each video-sync-entry and reload the demo link on your phone afterwards. Repeat this it until you are satisfied with the synchronisation.



The screenshot shows a web interface for managing video sync. A table lists video entries with columns for Name, Sync status, Offset (ms), and Download player script. The 'Offset (ms)' column for the entry 'VSync Demo: Rebecca' is highlighted with a red box, showing a value of 0. To the right, a sidebar titled 'Preview/Test Tools' contains a 'Video File' dropdown set to 'New short demo', a 'Play Video' button, and a 'COPY OPEN LINK' button.

Name	Sync status	Offset (ms)	Download player script
VSync Demo: Rebecca	<span style="color: green;">●</span> 180036 s	0	

Preview/Test Tools

Video File: New short demo ▼

Play Video

COPY OPEN LINK

You are done!

Your project manager at Nubart will be there for you if you have to perform any adjustment in the future. You can also write to [info@nubart.eu](mailto:info@nubart.eu)

If you don't use BrightSign, keep in mind that **Nubart Sync can also work from any modern chromium-based browser**. If this is the case, please request the corresponding instructions.