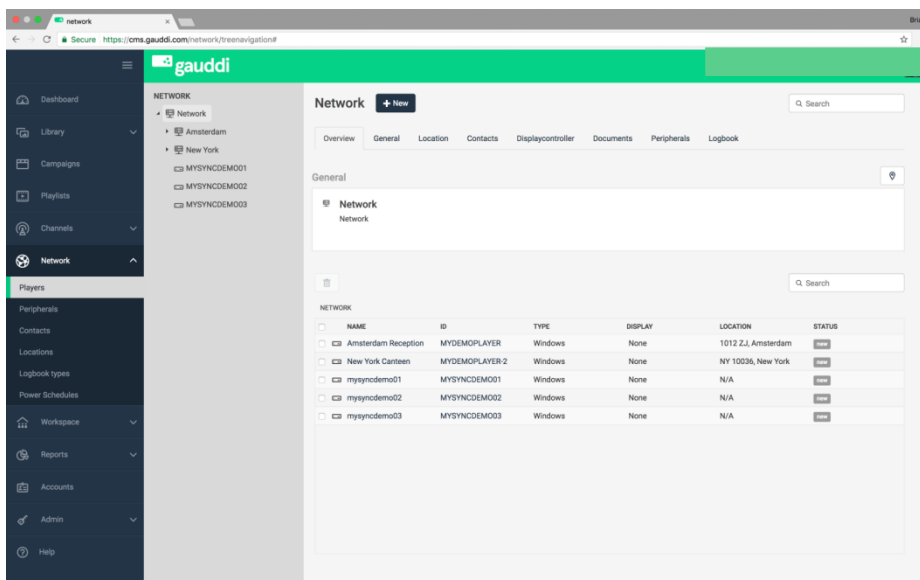


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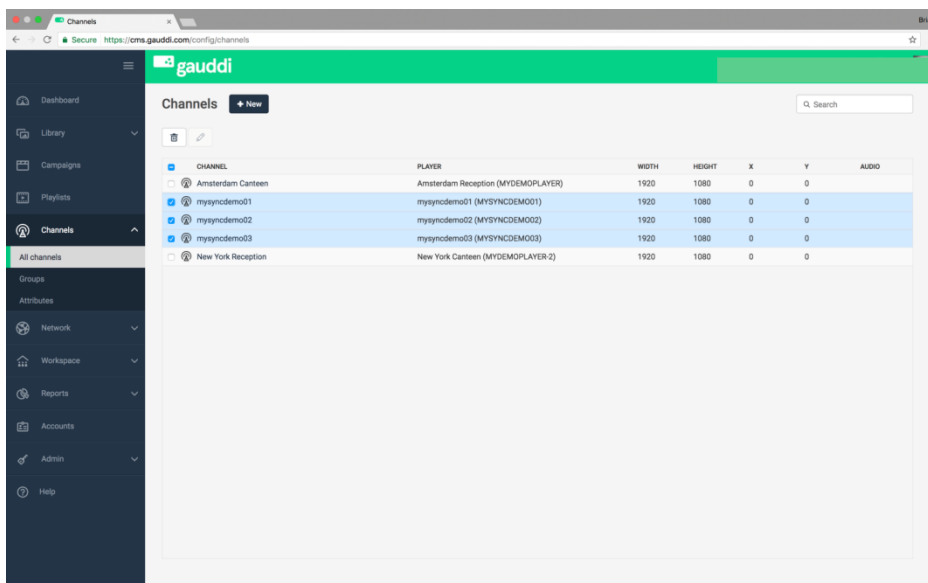
Synchronization SoC screens

The Gaudi software will give you full control over your displays. You can even connect the displays in such a way, that they'll be able to communicate with each other. This enables us to synchronise a playlist and we're able to play a video on all screens simultaneously.

In this tutorial, we'll guide you through the steps on how to create a videowall setup with 3 monitors. For this demo we've already created and registered these monitors in the Gaudi CMS. To guarantee a smoothly synchronised playback please be advised all displays should be connected to the internet via the same switch.

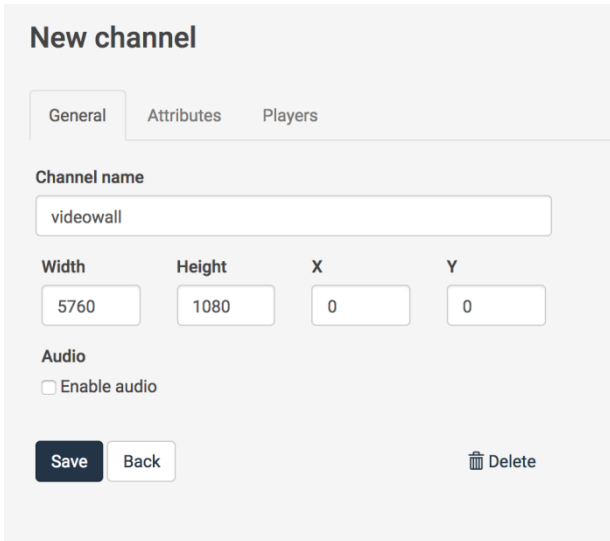


Head to all channels and click the channels tab. We'll start by deleting these single channels



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Now we're all set to create a Synchronised channel for our **videowall**. Choose, **new channel**. On the first page select the desired resolution. Because this will be a three-monitor setup. We'll use $1920 \times 3 = 5760$ width and a 1080 height.

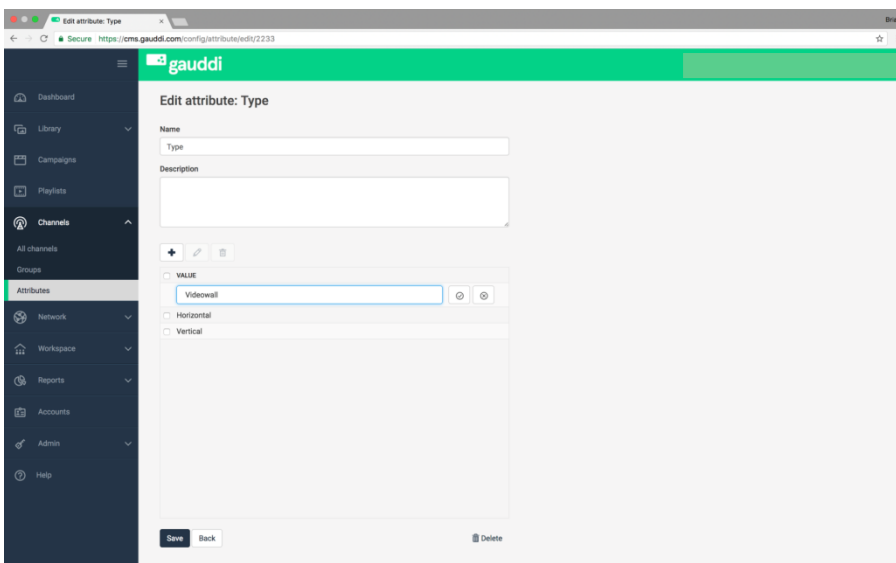


The screenshot shows the 'New channel' form with the following fields and options:

- Channel name:** videowall
- Width:** 5760
- Height:** 1080
- X:** 0
- Y:** 0
- Audio:** Enable audio
- Buttons:** Save, Back, Delete

On the next page, we'll need a **attribute** to connect this channel.

Head to the Attributes page. Click if available on **Type** or create a **new Attribute** group by clicking **New attribute**. I'll open **Type** and add a new attribute "**Videowall**". Click **save** to confirm.

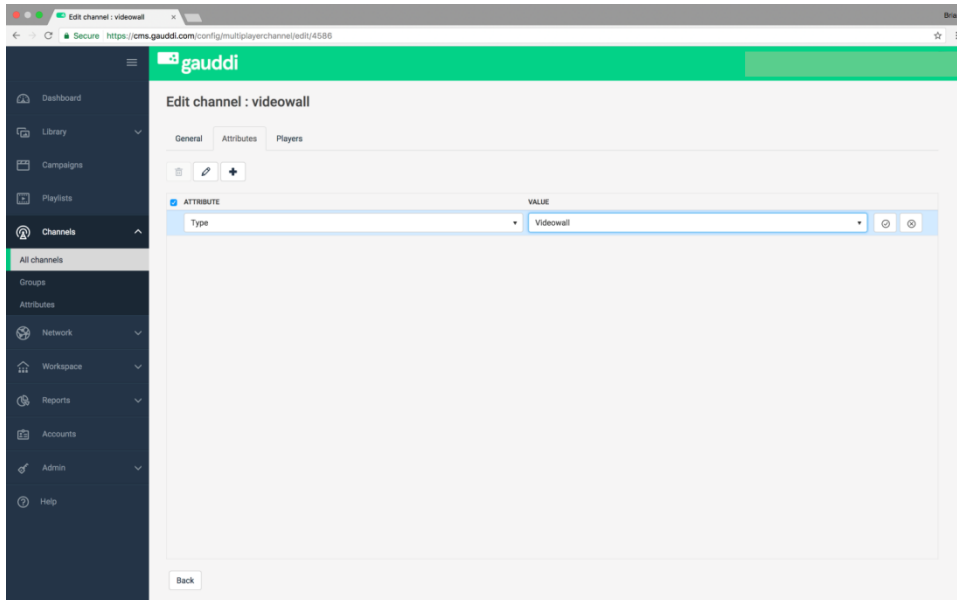


The screenshot shows the 'Edit attribute: Type' page with the following fields and options:

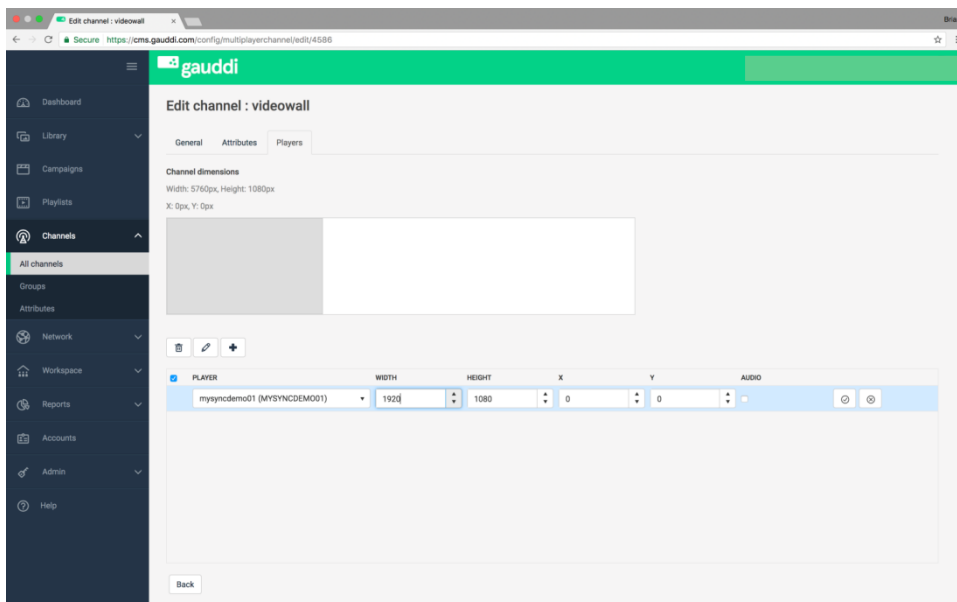
- Name:** Type
- Description:** (empty)
- VALUE:** Videowall
- Horizontal:**
- Vertical:**
- Buttons:** Save, Back, Delete

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Next, head back to the **all channels** tab. Open the **Videowall** channel and head to the **attributes** page. We'll assign the newly created videowall attribute to this channel, by clicking the add sign.

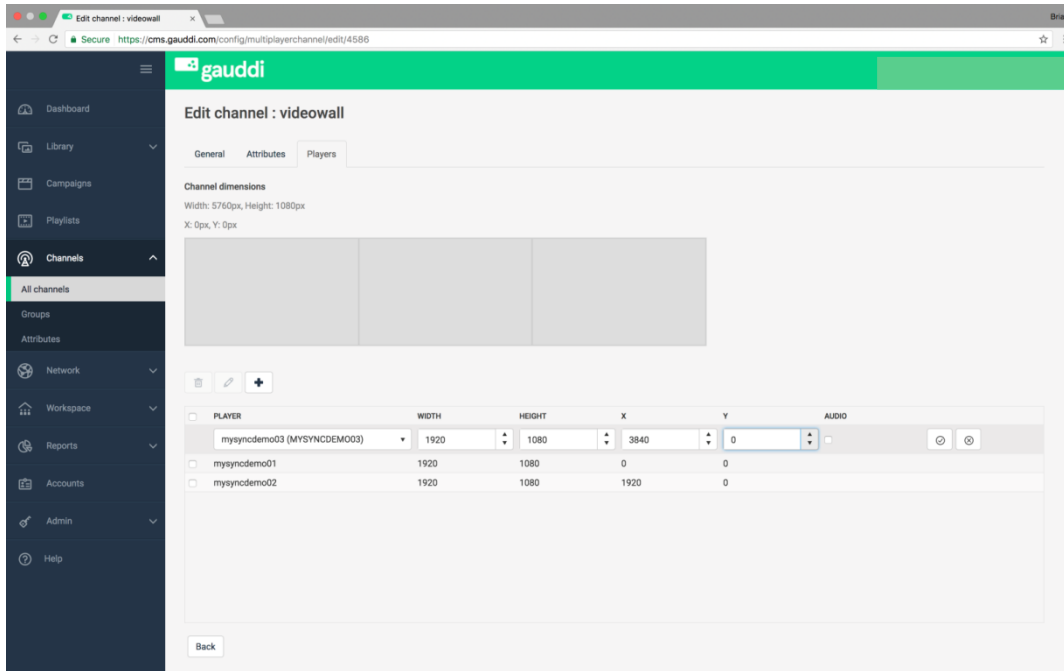


Go to the next page. We'll add the different monitors by clicking the **add** sign.



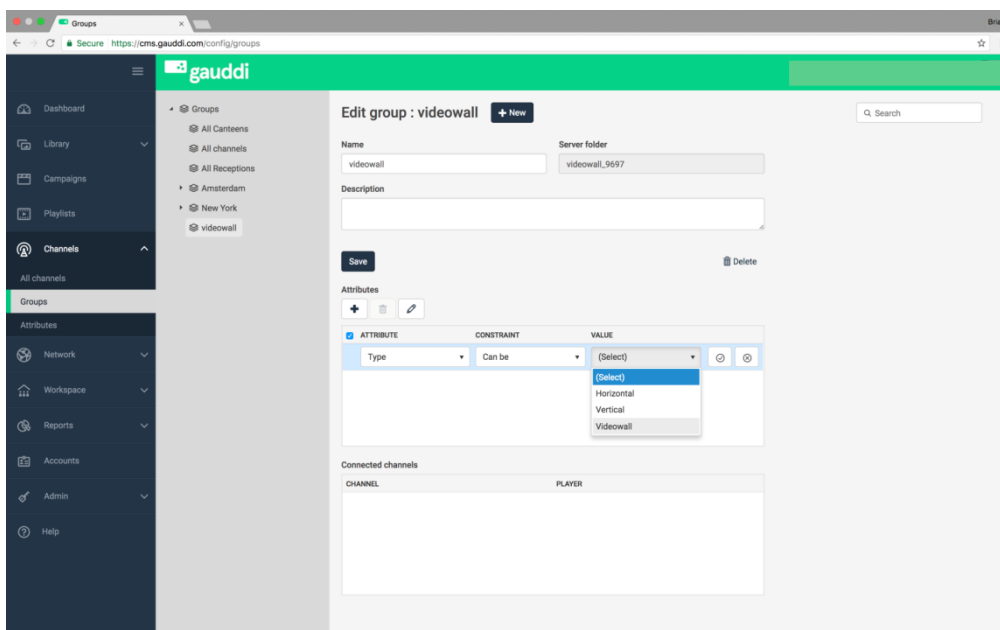
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Fill out the right width and height, 1920x1080 and the right x position per monitor.



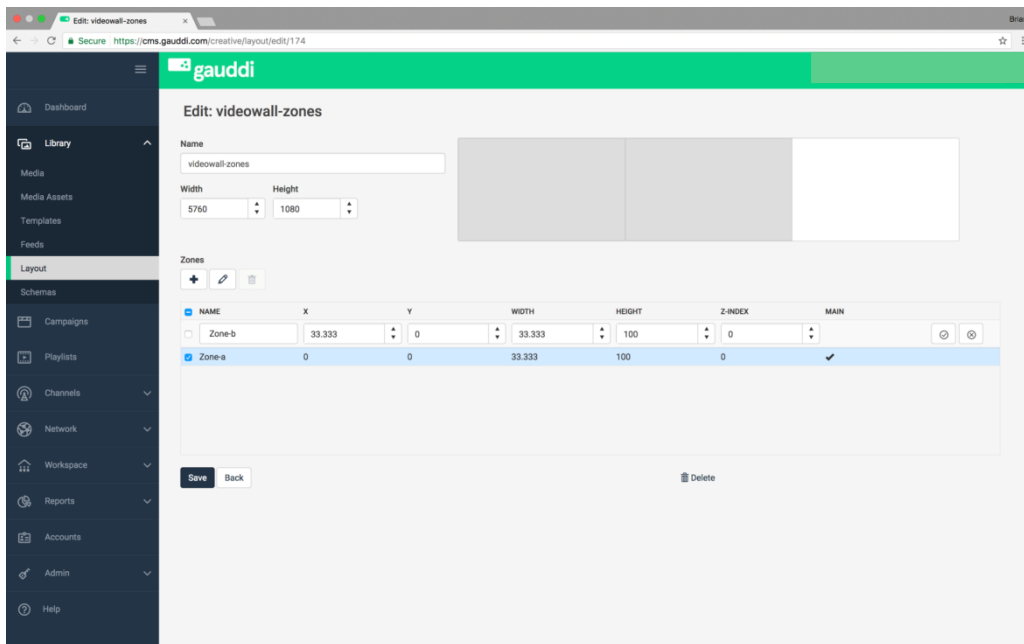
We're almost done. But we're not able to schedule to this channel without a **group**. If you head to the **campaign page**, you'll notice you can't find the **videowall** channel.

Head to the groups page. Choose **new Group** and give the group a name. Use the same **attribute** that you assigned to the **videowall** channel. Click the checkmark to confirm. Notice that the channel will be selected automatically in the connected channels window.

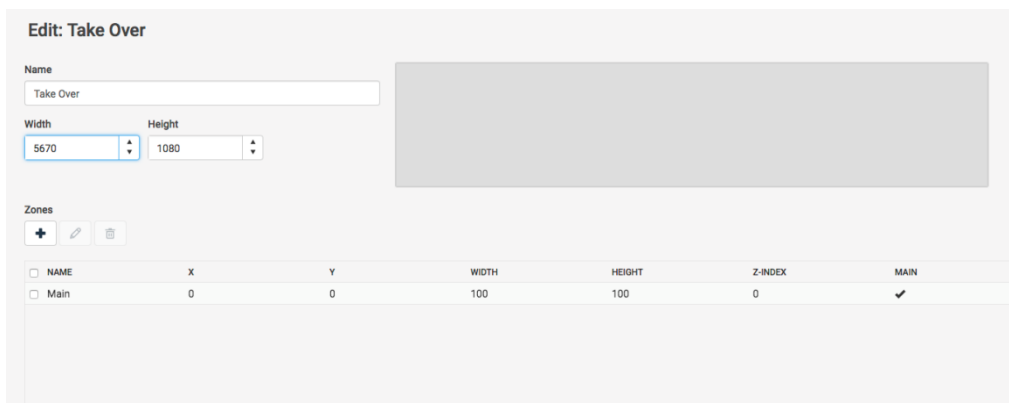


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Now that we've created a group for scheduling, all we need are zone layouts, compatible with this setup. To create these, head to **library** and go to the **layouts page**. Click **new** and name your layout. Fill out the corresponding width and height for the total setup. Create different zones.



Repeat these steps if you want to create a fullscreen layout.



You're now all set to use these zones in a campaign and schedule to your videowall.