

Floorplan Auto Alignment Best Practices

1 About

The floorplan auto-alignment feature automatically aligns a floorplan to the AR (Augmented Reality) space in the ARway app.

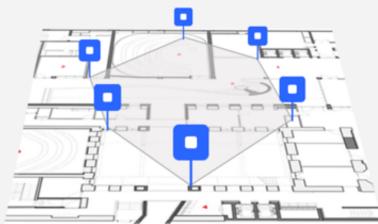
This feature eliminates the need to manually align the floorplan in the Creator Portal by placing pegs on the 2D image. It saves time and effort and ensures a quick and accurate alignment process during map creation.

To use the auto-alignment feature, simply upload a floorplan file (JPG or PNG) during map creation in the Creator Portal.

< Back

How to align your floorplan

Upload a floorplan and align it to your physical space using AR anchor pegs for improved editing capabilities in the Creator Portal



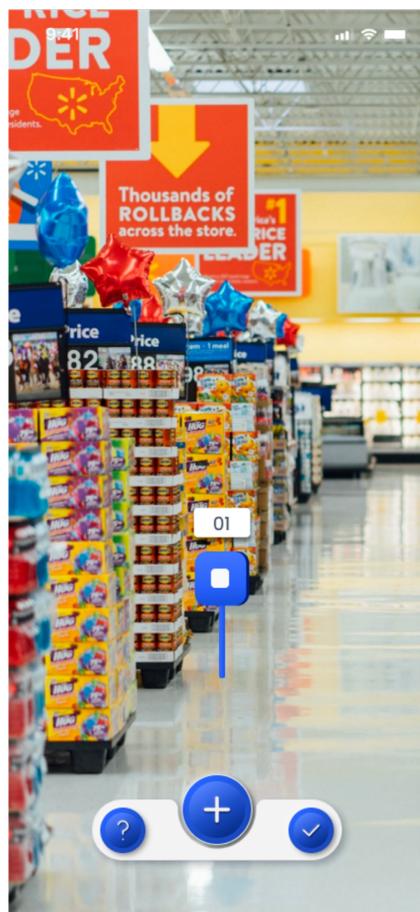
- 1. Anchor an AR peg to your physical space**
Position AR anchor pegs in your physical space that will be easy to locate on the floor plan. They must not be all in a row.
- 2. Position the anchor peg on the floorplan in the same location**
Scale and move the floorplan to align the peg to the same location you anchored the AR peg in your physical location.
- 3. Complete this 6 times.**
Repeat these steps to anchor a total of 6 pegs to complete the alignment.

*Do not place all 6 pegs in a row, pegs should be dynamically positioned.

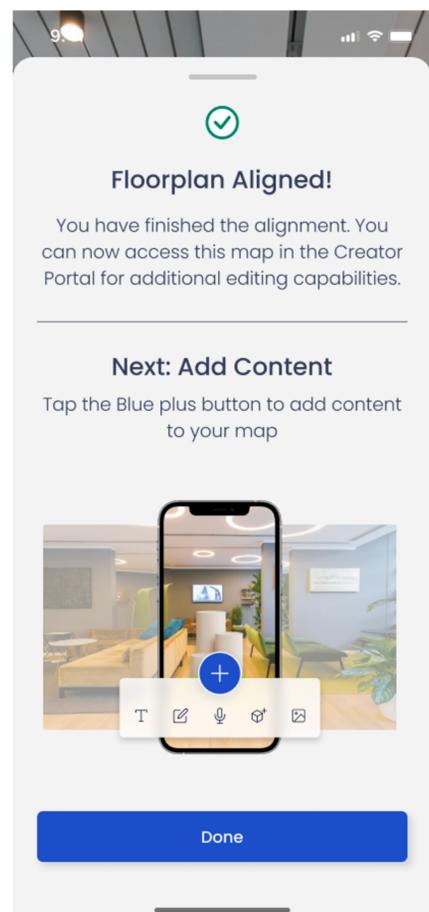
Start Floorplan Alignment

Don't show this again

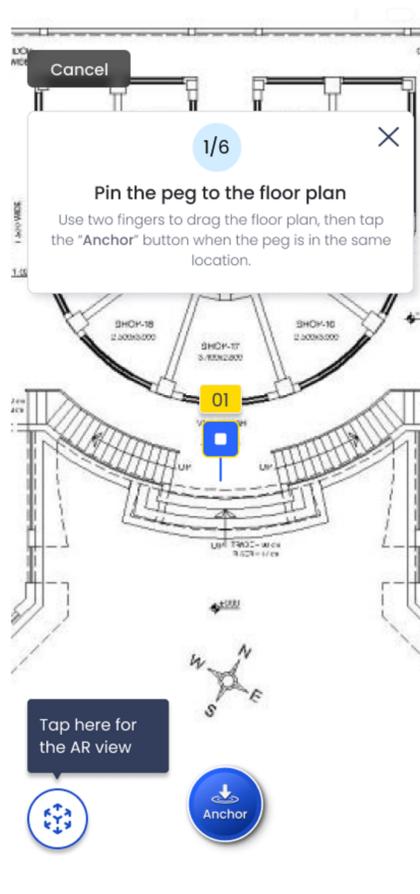
In the ARway app, place 6 pegs on the physical space that correspond to their respective spots on the 2D floorplan image.



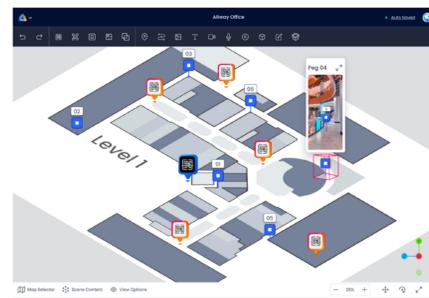
The aligned floorplan also enables easier placement of AR content in the Creator Portal, as users can see precisely where everything should be placed.



Once the pegs are placed, the ARway app uses advanced algorithms to automatically align and scale the floorplan to match the physical space.



The ARway mobile app provided step-by-step instructions on the alignment process for the creator.



2 Best Practices

It is recommended to use a JPG file for the floorplan, although a PNG file can also be used.

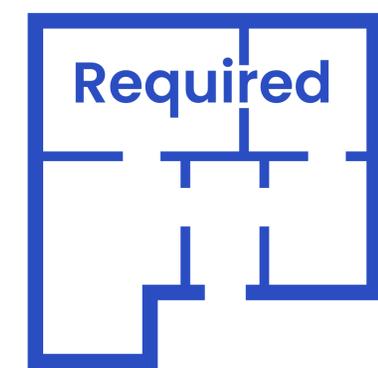


Place the pegs in easily identifiable areas on the 2D floorplan.

Place the pegs in a wide area, staying within a 20-meter radius of the QR code to minimize the effects of drift.



The uploaded floorplan is required to be correctly scaled to the floorplan in the real world.

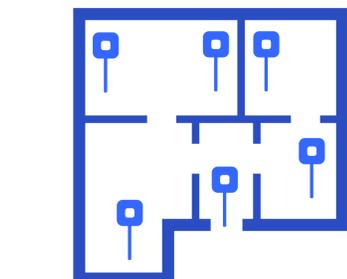


In the Creator Portal, the floorplan will align with the lowest placed peg.

Recommended floorplan image size below 10,000 x 10,000 pixels.

Move around your space and place the pegs in distinct locations instead of placing all of them in one spot.

Spread out the pegs but prioritize accuracy of peg placement on the 2D image.



Use an iOS device, preferably an iPhone 12 Pro model or higher, to ensure accurate placement of pegs on the floorplan.