

Installation and activation.

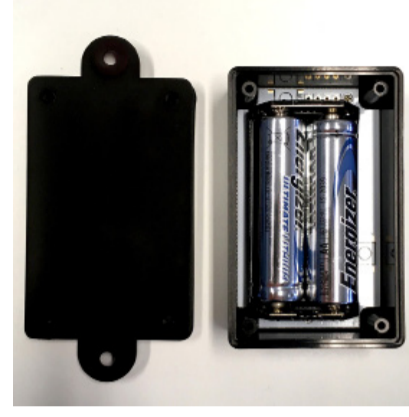
Step 1 Place the batteries



Take all parts out of the plastic bag.



Open the geobeacon.



Add the extra battery to the geobeacon.



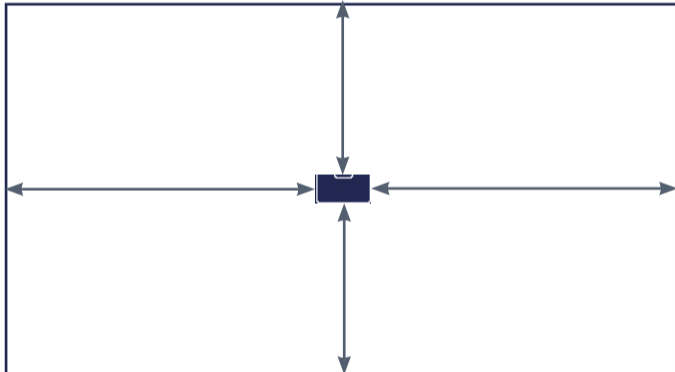
Close the geobeacon with the small black screws.

Step 2 Get the serial



Make sure to write down the serial number of the Geobeacon as you will need it later.

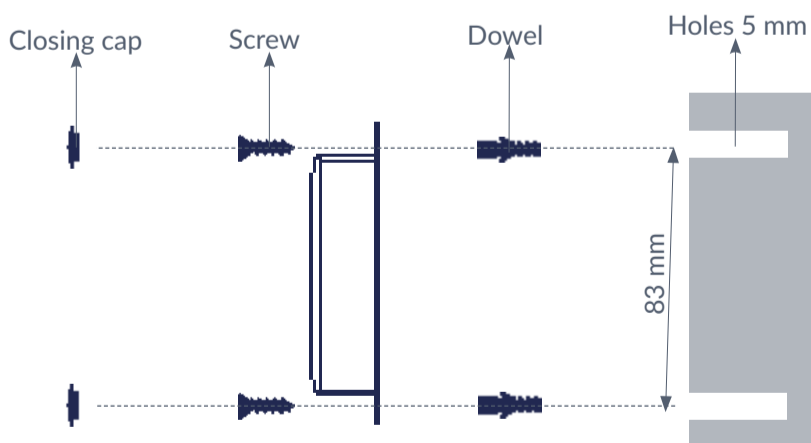
Step 3 Choose a location



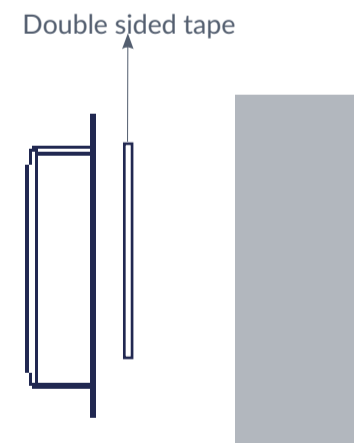
Identify the area in which your assets need to be geolocated using this Geobeacon and place the Geobeacon in the middle of that area.

Step 4 Install the geobeacon

Install the geo beacon with screws



Install the geo beacon with double sided tape



Step 5 Verify if the geobeacon works

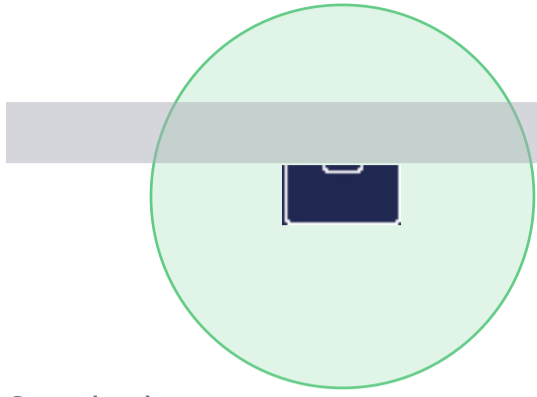


Use a BLE scanning mobile app (e.g. "BLE Scanner" or "BeaconSET") to verify that the BLE advertisements are discoverable (you will see the Geobeacon serial number in the list). You can move around to verify the covered area.

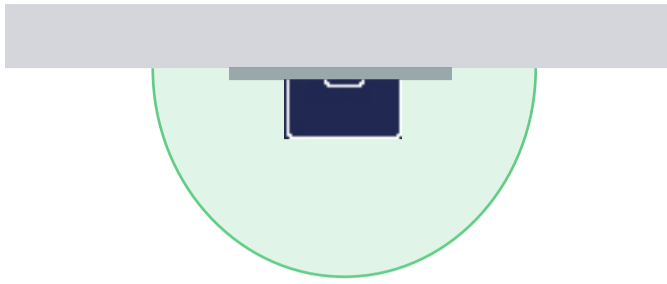
BLE signals of the geobeacons

Sensolus Geobeacons use BLE signals which can propagate through concrete walls.

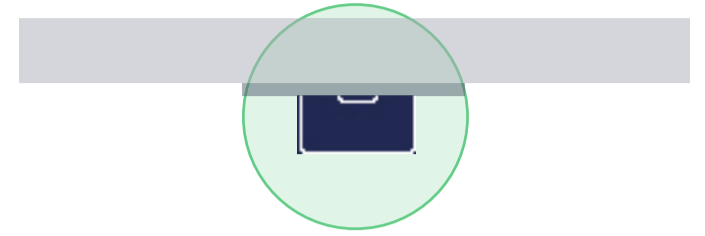
This means that assets can be geolocated at the wrong side of a wall. This can be avoided in 2 ways.



Standard setup

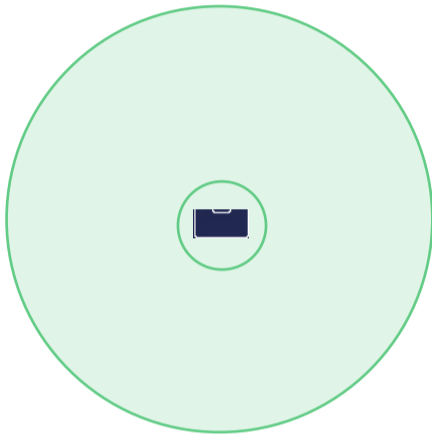


Setup with metal plate between wall and geobeacon

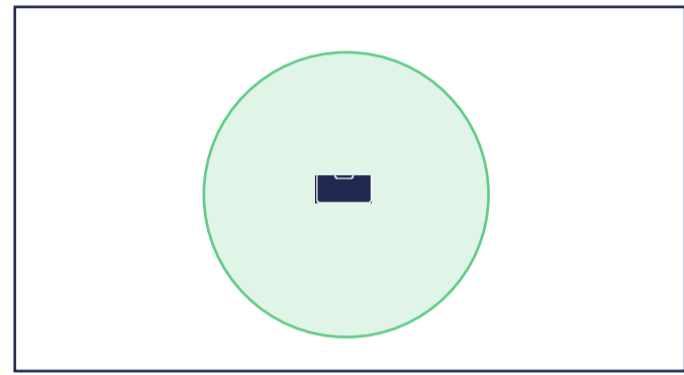


Setup with reduced TX power

Range of the geobeacons



Depending on the configured signal strength, the Geobeacon will cover an area between 2 meter and 100 meter radius.

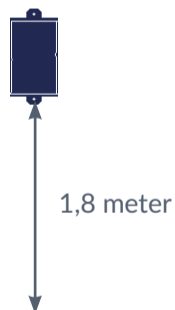


For indoor geolocation, the standard range of a Geobeacon is around 30 meters.

Installation advice

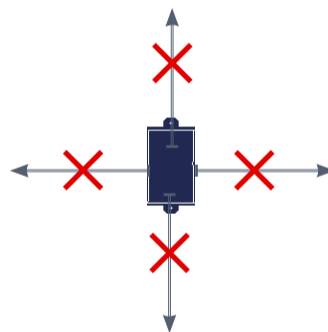
Sensolus geobeacons can be installed vertically and horizontally with the back facing the mounting surface.

All other installations are not recommended.



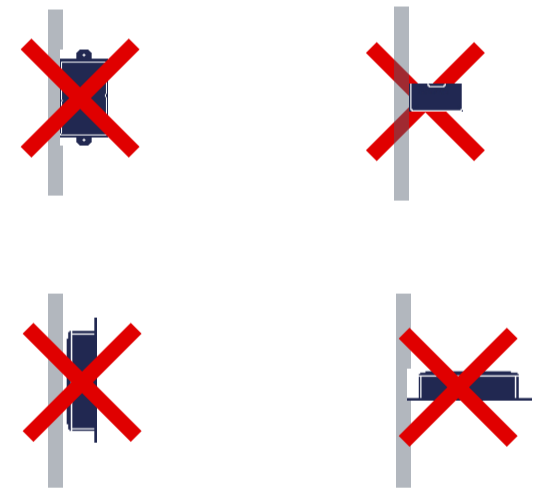
Height

Install the geobeacon as high as possible, minimum 1.8 meter above the ground.



Position

Remember that a Geobeacon is a fixed device that should always remain at the same location.

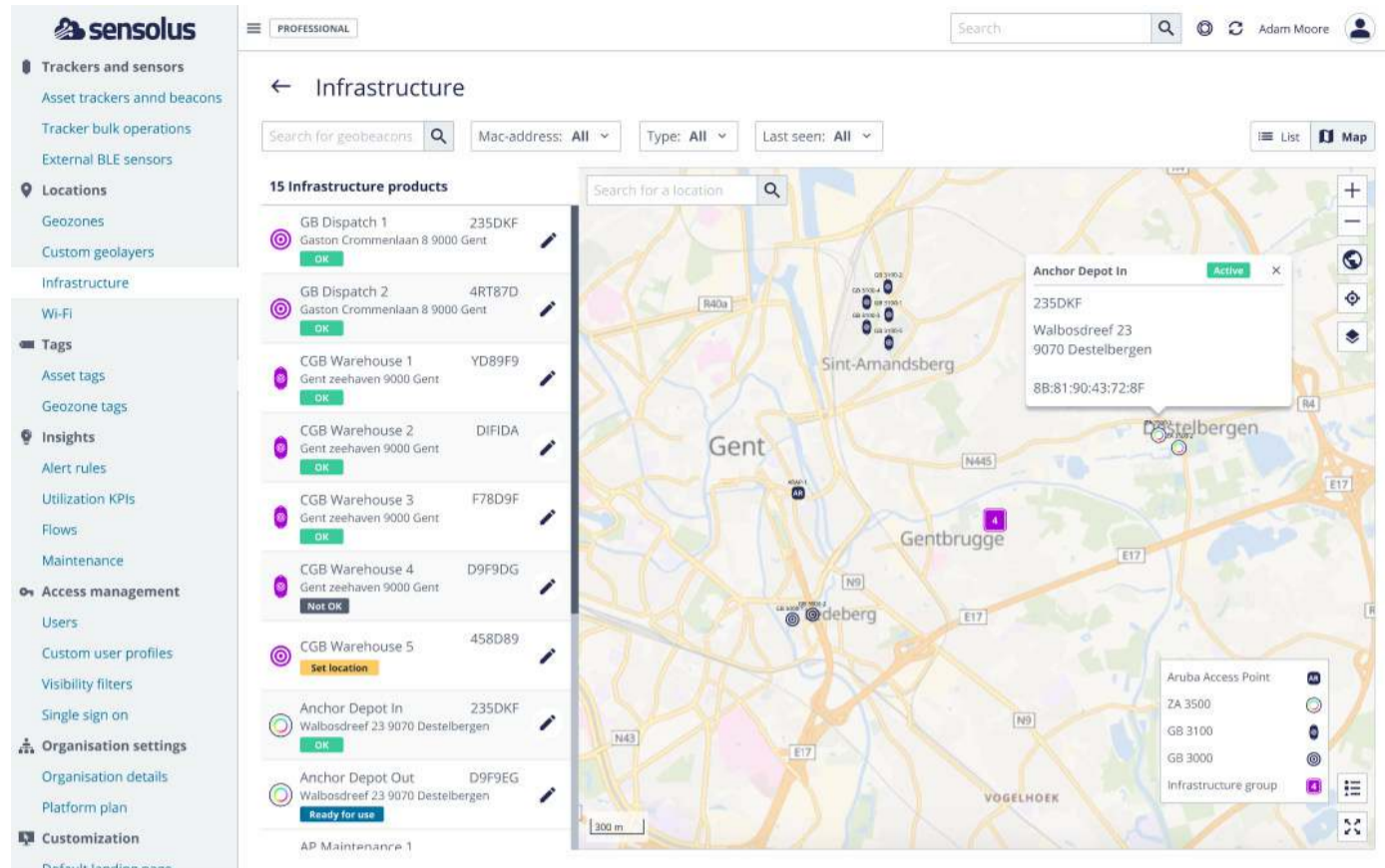


Wrong orientation

Geobeacons are mounted vertically or horizontally and only with the back facing the mounting surface

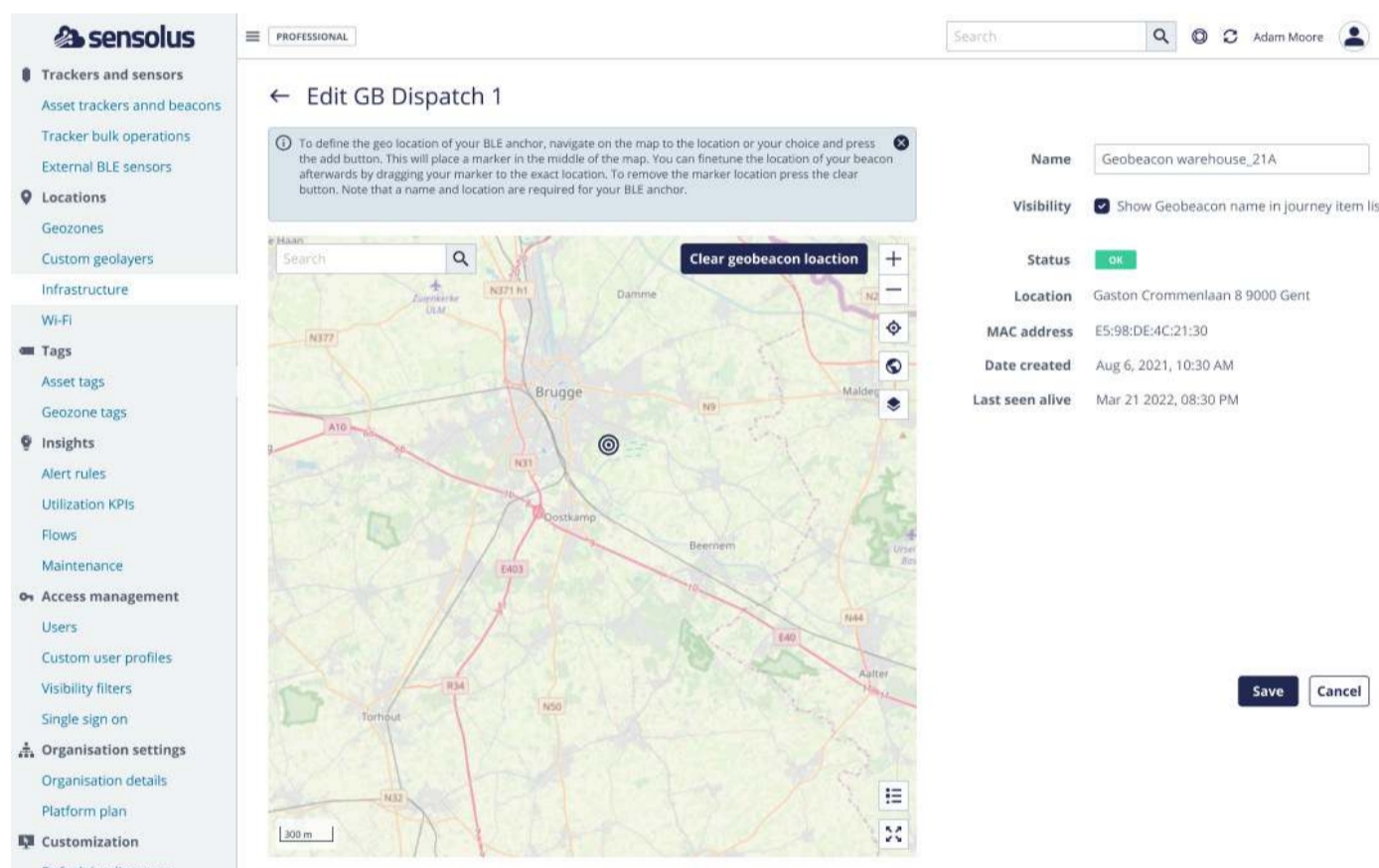
Activation in the platform

Once your Geobeacons are properly activated and installed, you need to register and configure them in the Sensolus platform.



Step 1

1. Sign in to the Sensolus platform and go to the **admin** section.
2. Select **infrastructure**. If your Geobeacons have been pre-assigned to your account, you will see their serial number in the list.
3. Go to the geobeacon you want to set the location for.



Step 2

Next you will need to configure in the system exactly where you placed each of your geobeacons.

1. Give a meaningful name to this Geobeacon.
2. Type in the (approximate) address in the search bar in the map and then zoom in until you can recognize the place where you physically mounted the Geobeacon.
3. Click **Add geobeacon location** and a marker will show, you can move this marker until it shows the exact place where you installed the Geobeacon.
4. Hit **Save** to finish.

Finally, you should make sure that your trackers are configured to scan for Geobeacons. You can do that in the Tracker configuration page, or Sensolus support can help you with that.

Once you have activated a Geobeacon, it **MUST** be associated with a correct location in the Sensolus platform. Failing to do so may result in trackers not being able to determine their location anymore.