

1. Activation of the GB 3100





Hold a magnet for about **5 seconds** on top of the logo on the GB 3100 you will see a red LED. Hold the magnet untill it is green.



Green LED is **blinking**, the GB 3100 is receiving it's latets configurations.

If the tracker is activated it will check for any pending remote settings.

2. Check if the GB 3100 has received the latest configuration.

Trackers and sensors Asset trackers	Info Services F	rofile info Subscription Invoicing Manufacturing	info Tracker configur	ation More
External BLE sensors BLE tag tracking settings	Select new profile			
End of life devices	Location service	(?)	💬 Data communicatio	on service (
Bulk operations Diagnostic	Motion based location	The tracker will make a location fix and send a start event when motion is detected. It needs to detect motion in 2 intervals of 20 seconds before the start will be triggered. When it stands still for more than 5 minutes a stop event will be triggered. While moving, a location fix ((GPS, WIFI)) will be acquired every 40 minutes . The cloud platform will copy the location of a stop to the next start if it is more precise. The selection of location technologies used and their order is shown in the picture below:	Cellular network	This device is using the cellular network
Location Geozones Geolayers Infrastructure			Transmission while moving	This tracker will only send data when it doesn't move for 20 seconds . This reduces the chance of losing data. However as a consequence the recorded data will show up with some delay.
Wifi Tags Asset tags			Data integrity strategy	This tracker uses a full data integrity strategy. Lo messages will be selectively resent as long as the fit in the memory buffer
Geozone tags			Tamper	(
Insights Alert rules Utilization KPIs			Thresholds	Tamper detection is disabled
Flows	GPS settings	A GPS location fix will timeout after maximum 3		
Home Admin		minutes and 20 seconds . The target accuracy		

- Go the admin section of the platform and selecte infrastructure in locations.
- Select the GB 3100 you want to configure and go to the tracker configuration tab.
- Click on Select new profile

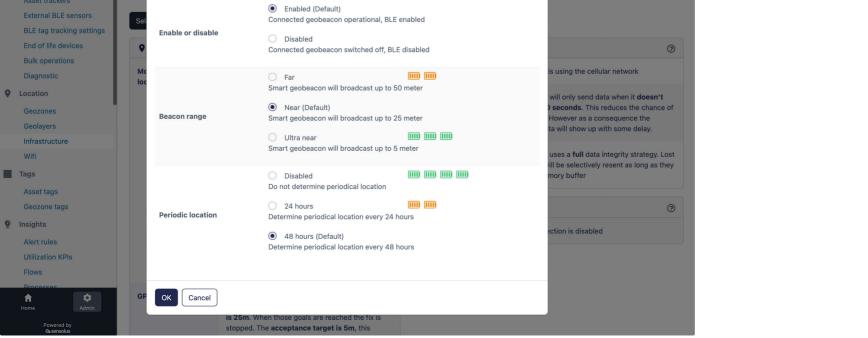
- sensolus C () Select profile \times Organization Trackers and sensors Choose a profile conn Asset trackers Connected_geobeacon Standard profile for connected geobeacon BLE tag tracking settings End of life devices Bulk operations Cancel lext
- Search for the profile Connected_geobeacon
- Select the Connected_geobeacon profile
- Click Next.

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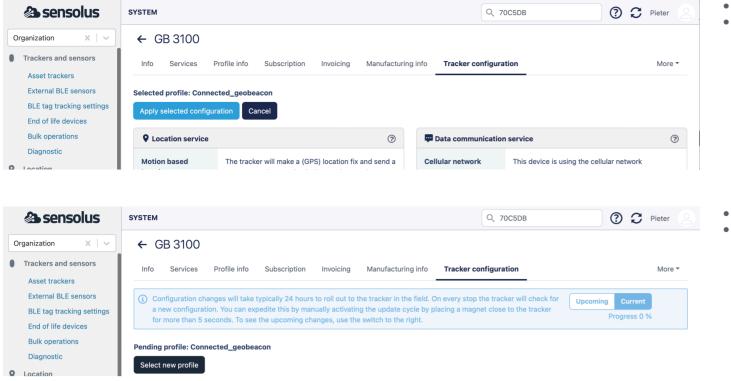
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- Choose the values you want to user for your connected geobeacon.
- Click OK



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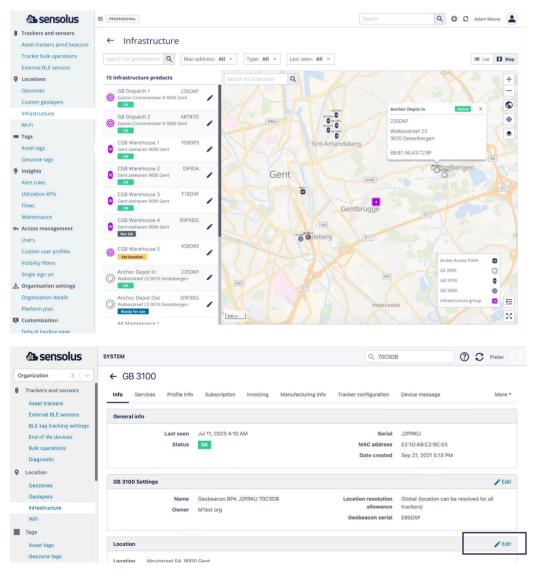


The profile is now ready to be applied on the tracker.Click apply selected configuration

- The profile will be applied within 24 hours.
- You can force the download by holding a magnet next to the tracker for 5 seconds.

2. Set a location in the platform

Once your GB 3100 is properly activated, you need to add the actual location in the Sensolus platform.



Step	1
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- 1. Sign in to the Sensolus platform and go to the admin section.
- 2. Select infrastructure. If your connected geobeacons are listed here.
- 3. Go to the connected geobeacon you want to set the location for.

Step 2

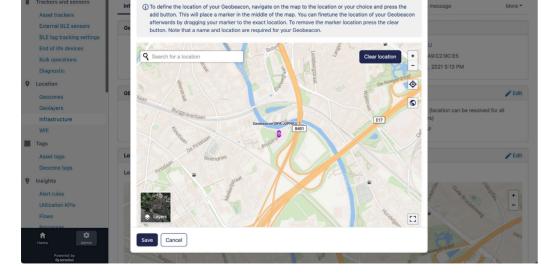
Go to the Location section of the page and click Edit.

Step 3

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X

Drag the device over the map or enter the address you want to use for the GB 3100.



Click **Clear location** to reset if needed. Click **Save** to set the location

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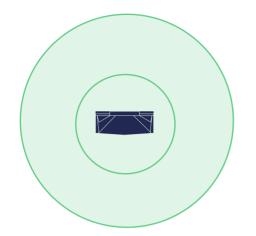
SYS

Set location

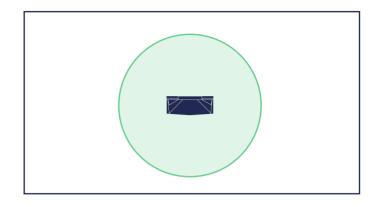
3. Installing the GB 3100

Sensolus Geobeacons use BLE signals. Water and metal surfaces reflect the Bluetooth signals. Always test the devices in real life circumstances for optimal installation of the geobeacons.

Range of the GB 3100



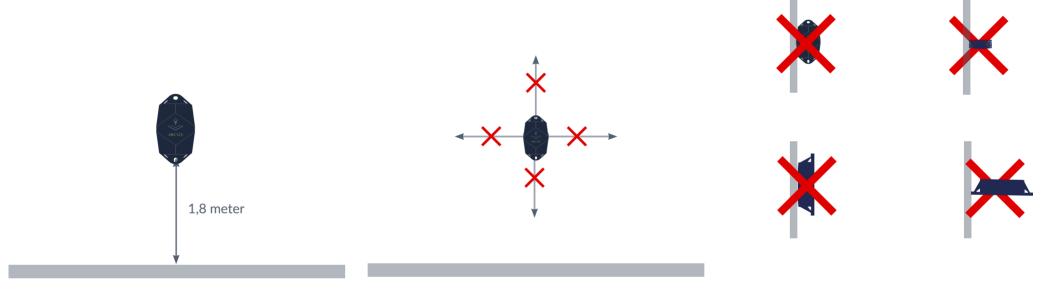
Depending on the configured signal strength, the Geobeacon will cover an area between 2 meter and 100 meter radius.



For indoor geolocation, the standard range of a GB 3100 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 GB 3100 is a fixed device that should always remain at the same location.

Wrong orientation

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

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