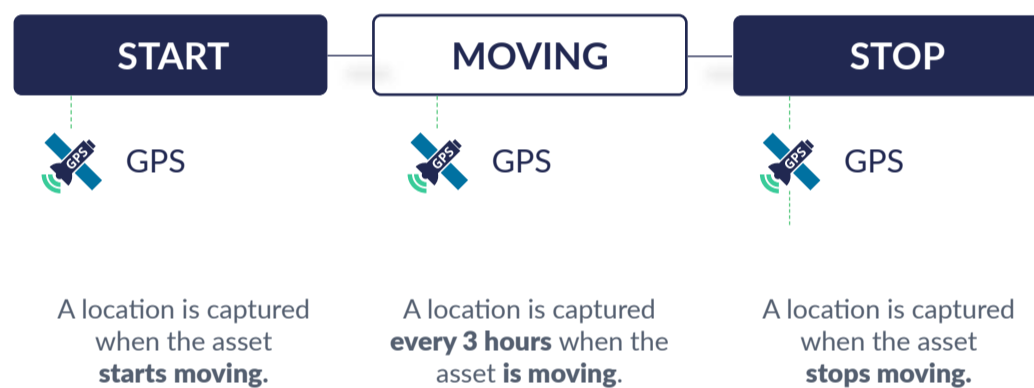# Standard trailer profile for TRACK 1100

This is the standard tracker usage profile for a tracker attached to a trailer.
This profile guarantees the optimal way to capture the real behaviour of a trailer in a power efficient way.

Profile name: TRAILER STANDARD TRACK 1100

When and how does the tracker determine its location?

START	MOVING	STOP
GPS	GPS	GPS
A location is captured when the asset **starts moving**.	A location is captured **every 3 hours** when the asset **is moving**.	A location is captured when the asset **stops moving**.

WHEN are locations determined?

Locations are by default captured based on the **motion pattern** of your asset.
This means when the tracker detects **that your asset starts or stops moving,** it will capture the location. Next to this, the tracker also captures a location every 3 hours while it is moving.

For every parameter a default setting is selected. Other settings can be chosen if needed for your asset tracking solution.

Parameter	Default	Other available settings
When is a start detected?	Medium start sensitivity: A start is detected when the asset moved in 2 consecutive slots of 20 seconds.	High start sensitivity: A start is detected when the asset moved in 1 slot of 20 seconds.
Are locations captured while moving?	Yes, every 3 hours	• No, locations are not captured while moving • Every 10 minutes • Every 20 minutes • Every 40 minutes • Every hour
When is a stop detected?	A stop is detected when the asset has not moved for at least 10 minutes.	A stop is detected when the asset has not moved for • at least 5 minutes • at least 30 minutes • at least 1 hour
Periodic location capture	Off	• Every 12 hours • Every 24 hours • Every 48 hours
Scheduled location capture	Off	• Every day at 12 PM GMT

HOW are locations determined?

By default the tracker **scans for GPS signals**.
Optionally, Wi-Fi localization can be used as fallback when the tracker fails to capture a location via GPS.

Parameter	Default	Other available settings
Localization technologies	GPS only	GPS with Wi-Fi[2] fallback. Wi-Fi fallback only happens on stop, not while moving.
GPS precision (CEP)	25 meters	4 meters [1]

HOW is additional sensor information measured?

Optionally, different types of sensor information can be monitored by connecting BLE sensors to the tracker. It can then be chosen how often the measurements are done, and how often they are sent to the Sensolus platform.

Parameter	Default	Other available settings
External Sensor connection	Off	• Temperature • Humidity • Temperature and humidity • Magnet for door open/closed detection
Measurement and sending intervals	Off	• Measure every 12 minutes, send hourly message with 5 measurements. • Measure every 30 minutes, send every 2,5 hours message with 5 measurements. • Measure every hour (average value), send every 5 hours a message with 5 measurements.

HOW and WHEN are locations and sensor information sent to the Sensolus platform?

Captured locations and sensor information are **send live to the Sensolus platform** when locations are captured. Sensolus patented **data integrity algorithm** to prevent data loss is enabled by default.

Other parameters

Parameter	Default	Other available settings
BLE advertisments to make your tracker visible to smartphones and zone anchors.	Off	On
Anti-tamper functionality based on tracker orientation.	Off	On

[1] In 80% of the cases
[2] Comes with an extra cost

Want a customized tracker usage profile?
Contact Sensolus sales.