

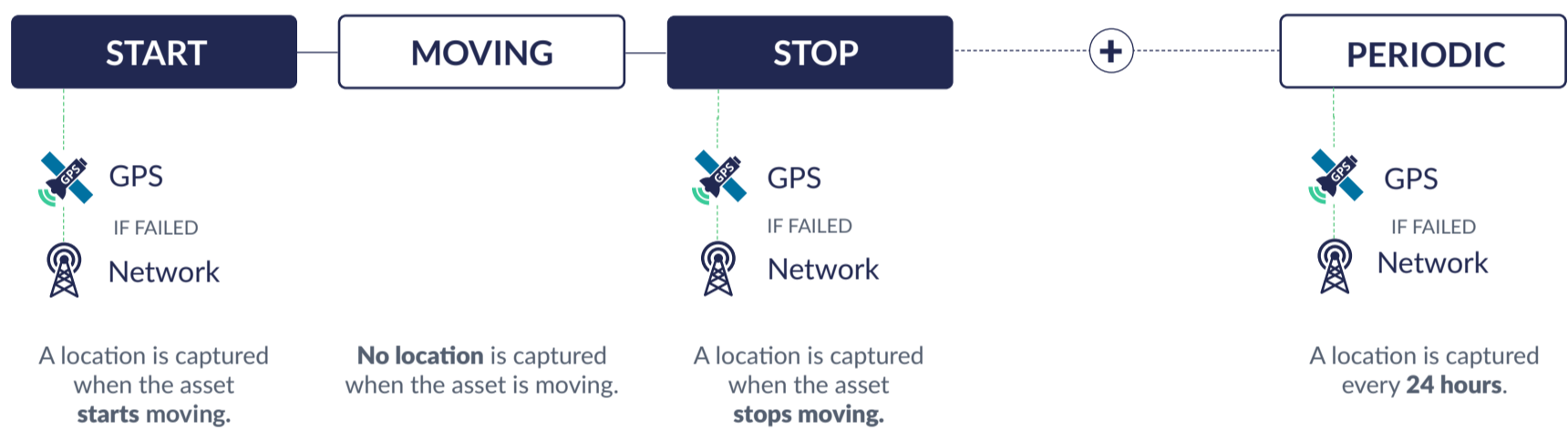


## Standard waste container profile for TRACK 1000 and 1020

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

Profile names: WASTE CONTAINER STANDARD TRACK 1000  
WASTE CONTAINER STANDARD TRACK 1020

### When and how does the tracker determine and send location updates?



### WHEN are locations determined?

Locations are captured based on the **motion pattern** of your waste container, this means when the tracker detects your asset started or stopped moving it will capture the location. Next to this, the tracker also captures a location every 24 hours. This is called a **periodic location** capture.

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?	Low start sensitivity: A start is detected when the asset moved in at least 3 consecutive slots of 20 seconds.	Very low start sensitivity: Asset has moved in at least 15 consecutive slots of 20 seconds.
Are locations captured while moving?	No, locations are not captured while moving.	Yes, <ul style="list-style-type: none"> <li>• Every 10 minutes</li> <li>• Every 20 minutes</li> <li>• Every 40 minutes</li> <li>• Every hour</li> <li>• Every 3 hours</li> </ul>
When is a stop detected?	A stop is detected when the asset has not moved for at least 30 minutes.	A stop is detected when the asset has not moved for <ul style="list-style-type: none"> <li>• at least 5 minutes</li> <li>• at least 10 minutes</li> <li>• at least 1 hour</li> </ul>
Periodic location capture	Every 24 hours	<ul style="list-style-type: none"> <li>• Off</li> <li>• Every 12 hours</li> <li>• Every 48 hours</li> </ul>
Scheduled location capture	Off	<ul style="list-style-type: none"> <li>• Every day at 12 PM GMT</li> </ul>

## HOW are locations determined?

By default the tracker scans for GPS signals. If the GPS location capture fails, network triangulation is used to get a (not very precise) location. **Optionally, geobeacon or/and Wi-Fi localization** can be used as fallback when the tracker fails to capture a location via GPS and needs a more precise location than a network location.

Parameter	Default	Other available settings
Localization technologies	GPS → network location	<ul style="list-style-type: none"><li>• Geobeacon → GPS → network location</li><li>• GPS → Wi-Fi<sup>2</sup> → network location</li></ul>
GPS precision (CEP)	25 meters	4 meters <sup>1</sup>

## WHICH additional sensor information is measured?

Optionally, the tracker can detect when a container is emptied. This requires correct installation of the tracker.

Parameter	Default	Other available settings
Orientation monitoring	Off	<ul style="list-style-type: none"><li>• Detection when container is emptied</li><li>• Anti-tamper functionality (not for 1020)</li></ul>

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

Captured locations and sensor information are **sent to the Sensolus platform when the asset stands still for 25 seconds**. This is because the chance of successfully sending data to the platform is much higher when the asset is standing still. The Sensolus patented **data integrity algorithm** to prevent data loss is enabled by default.

Parameter	Default	Other available settings
Emission power (not for 1020)	Optimized for battery life.	Optimized for maximum coverage.

## Other parameters

Parameter	Default	Other available settings
BLE advertisements to make your tracker visible to smartphones and zone anchors	Off	On
Anti-tamper functionality based on tamper button (only for 1020)	Off	On

<sup>1</sup> In 80% of the cases

<sup>2</sup> Comes with an extra cost

Want a customized tracker usage profile?  
Contact Sensolus sales.