

Common configuration issues of TAT100

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1. Data is being sent too often



Consequences:

Battery of the device will discharge in a few days.

Reasons:

If default Tracking Period (360 sec.) is set the device will send data about 240 times a day. Sending 240 records a day will cause a full battery discharge in about 3 days.

2. Scheduler is not configured properly

Scheduler

Day of the Week	Records per day	1st	2nd	3rd	4th	5th	6th
Monday	1	12:00	12:00	12:00	12:00	12:00	12:00
Tuesday	1	12:00	12:00	12:00	12:00	12:00	12:00
Wednesday	1	12:00	12:00	12:00	12:00	12:00	12:00
Thursday	1	12:00	12:00	12:00	12:00	12:00	12:00
Friday	1	12:00	12:00	12:00	12:00	12:00	12:00
Saturday	1	12:00	12:00	12:00	12:00	12:00	12:00
Sunday	1	12:00	12:00	12:00	12:00	12:00	12:00

Consequences:

Device will not send any record.

Reasons:

Days of the week are not selected by pressing on them. **Active days are marked in blue color.** If a day marked in grey color - records will not be sent for that day even if the times are configured.

3. Always try to keep GNSS antenna facing the sky



Consequences:

Device has **up to** 3 min. hardcoded time to get fixed position while it's awake from a Sleep Mode. If GNSS signal is poor - device will need more time to get fixed position. Battery usage is higher while

device is looking for GNSS positions than it stays in Sleep Mode. So, mounting the device with GNSS antenna facing down causes **shorter battery life** and there is a possibility that device **will not obtain position** at all.

Reasons:

It's **more difficult to get positions** for the device if GNSS antenna is looking downwards. So, always try to keep GNSS antenna facing the sky, no matter where the device is mounted.

4. Periodic tracking misconfiguration



If On Move tracking period is configured to be greater than On Stop, when devices detects movement, On Move countdown will start and data package will be sent to the server once On Move countdown completes.