

Close-to-zero-power asset tracker

nanoPOWER

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nanoPOWER makes it possible to scale business critical asset tracking, combining continuous monitoring with unprecedented power consumption

Redefining low power

- Dramatically increases the battery life – 2x – of your devices while keeping monitoring functions intact
- Provides an environmentally friendly solution with less waste and smaller batteries

Enjoy the deep sleep – knowing your devices will wake up when required

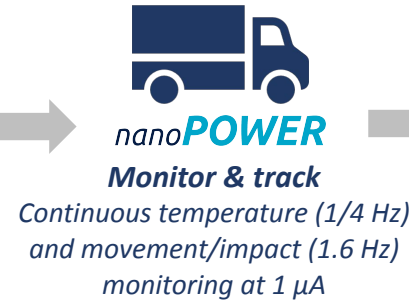
- Ability to wake up the system from low power modes based on sensor readings
- Combination of checking sensors with high frequency and low power, detecting any deviations and abnormalities
- Extremely low deep sleep consumption for scheduled wake ups

Nordic Semiconductor BLE SoCs are fully integrated in nanoPOWER solutions

- Adding extreme low power capabilities for non-RX/TX modes, maintaining Nordic strengths
- Keeping all Nordic SoC capabilities intact
- Compatible with all Nordic SoCs
- Programming as usual with SoftDevice

Check in & load

Nordic BLE active modes for low power wireless communication. NFC for check in procedures



Find & check out

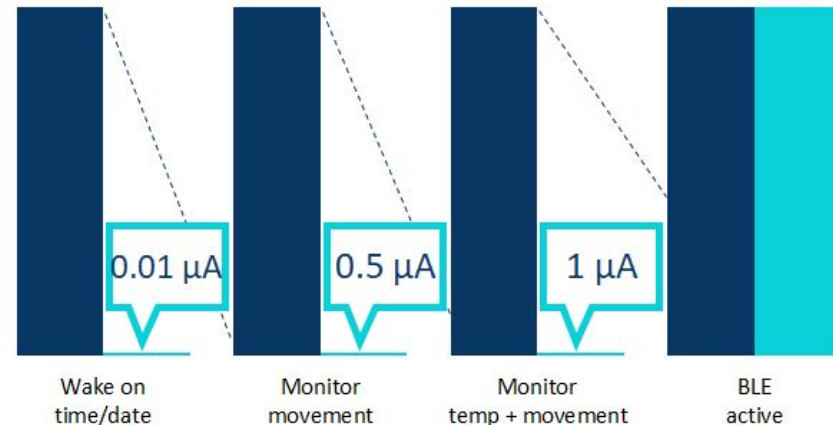
NFC and Nordic BLE active modes for low power wireless communication.



nanoPOWER
Wait / storage
No power drain in deep sleep at 14 nA

Performance

■ Conventional = 100% ■ Nanopower



Asset tracker



Evaluation board

