IOTRACKER

For SUPPLY CHAIN MONITORING

Key features

- Connectivity coverage available almost everywhere in the world through LoRaWAN or NB-IoT[1]/LTE-M[2]/EGPRS
- Localise indoor and outdoor via GPS, Wi-Fi, Bluetooth[4] and LoRaWAN
- Localise down to 3 meter accuracy via Bluetooth 5.1 and Wi-Fi based positioning
- Localise without the need for separate infrastructure
- Monitor temperature, light intensity, 3D shocks, humidity[3] and air pressure[3]
- Tigger alerts via self-configurable sensor measurement thresholds

ioTracker

- All ioTracker devices have an exceptional battery life and outstanding sub-zero temperature operational performance
- All ioTracker devices are highly configurable over-the-air
- All ioTracker devices have firmware updates over-the-air (FOTA)[4]
- All ioTracker devices have log synchronization over-the-air (LSOTA)[4]
- Versatile integration options

Supply chain monitoring

Is your supply chain a black box? ioTracker provides you lots of insights into your supply chain. You can track the location of your assets in- and outdoor and information about the temperature, light intensity, humidity, air pressure and shocks will be available on a self-configured interval. You can install the ioTracker in a quick and rigid way with our versatile mounting system.
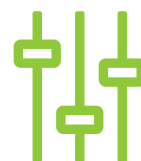
This information helps to improve your supply chain, proactively prevent problems and monitor the quality of your products by knowing it was handled within your QC guidelines.

Client case

ioTracker is used by a large car manufacturer to get insights into the round-trip times, inventory accuracy and on-time shipping rate within their supply chain.

KPI monitoring	Process optimisation	Predictive maintenance
Audit and compliance	Theft detection	Quality control

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[1] Also referred to as LTE Cat NB1
[2] Also referred to as LTE Cat M1

[3] Optional internal sensor
[4] Coming this year

https://iotracker.nl

Use case example – Container monitoring
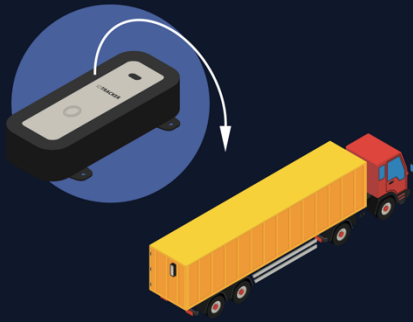
Easy installation

Container on-premise,
preparing for outbound trip

Container monitored
while in transit

✓ *No excessive temperatures measured*

✓ *No excessive shocks measured*

✓ *No excessive humidity levels measured*

✓ *Current location: Factory X, Zone Y*

✓ *Device logs synchronised over-the-air*

Container arrives
at destination

Container is transported on time
to the production line

Transport report

Other use case examples – Crate / Cool box monitoring

IOTHINGS