



Success story

» **Real-Time asset tracking and temperature monitoring**
for sensitive goods transportation »

mapon TRACKSYS

30,000 units under smart IoT tracking a real-time visibility

Based in Norway and operating across Europe, Tracksys AS is a fleet management solutions provider managing over 30,000 units. The company supports its clients, particularly in the transportation sector, in optimizing equipment location and ensuring proper storage conditions for sensitive goods such as food and pharmaceuticals. Given the scale of its operations and the need for rigorous monitoring, Tracksys AS chose to partner with Mapon to deploy a high-performance, compact, and durable tracking solution built around ELA Innovation's Bluetooth Low Energy Blue PUCK T N12830 beacons.

The goal was to track and monitor thousands of assets in real time across Europe, including trailers, containers, and tools. Another key objective was the continuous monitoring of temperature to ensure compliance with sanitary regulations, reduce losses, and optimize maintenance.

The project had significant constraints: a limited budget, a compact device size to suit different types of assets, and - above all - long battery life to minimize maintenance efforts.

» The key players



IoT sensor manufacturer



IoT solution integrator



IoT solution provider

« When you or your clients transport food and medicine, effective control of equipment and temperature is essential. You need to ensure operational efficiency, product quality, avoid fines, and make sure the recipients are satisfied with the delivery. BLE beacons and constant real-time monitoring help achieve that. »

Frank Strand, CPO and Partner in TrackSys AS



» The client needs

- ✓ Precise, real-time location tracking over a large operational area
- ✓ Continuous temperature monitoring for perishable goods
- ✓ Effective loss and theft prevention
- ✓ Maintenance optimization and operational cost reduction

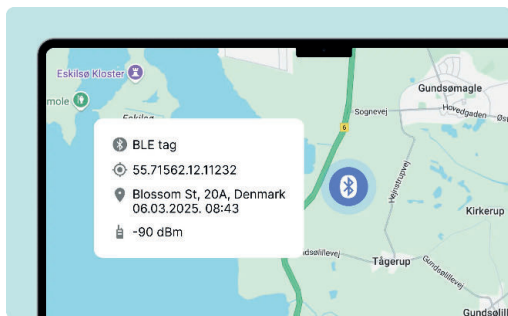
» The equipment

- ✓ 1500 to 2000 Blue PUCK T EN12830 (1)
- ✓ Mapon telematics platform for monitoring (2)
- ✓ Telematics devices used in tandem with BLE for comprehensive coverage



» The operating mode

For this project, between 1,500 and 2,000 Bluetooth Low Energy Blue PUCK T N12830 beacons from ELA Innovation were installed on various assets. Mounted on tools, containers, and trailers, these beacons measure and transmit location and temperature data at regular intervals. The information is captured by telematics



devices and sent to the Mapon platform.



This hybrid setup enables accurate asset positioning, continuous temperature control, and real-time visibility on asset status. From the platform, Tracksys AS teams and their clients can visualize data, set alerts, analyze usage, and plan interventions, all without manual field operations.

» The results

- ✓ Average time savings of around 5 hours per week per client
- ✓ Significant reduction in asset loss and improved process visibility
- ✓ Lower risk of fines thanks to stronger regulatory compliance
- ✓ Higher product quality and reliability during transportation
- ✓ Greater transparency and control across the entire logistics chain

» The advantages

- ✓ Clear visibility into operational bottlenecks and asset usage patterns
- ✓ Optimized resource allocation through real-time data insights
- ✓ Increased customer satisfaction supported by continuous temperature monitoring and transparent deliveries
- ✓ Strengthened compliance with health and safety regulations