



## Solution Brief

# IoTgo<sup>®</sup> Track-Solar Advanced E

Intelligent ground equipment tracking – at airports and beyond

G+D's IoTgo<sup>®</sup> Track-Solar Advanced E transforms unpowered assets into smart, connected operational resources—bringing visibility, intelligence, and automation to environments where manual tracking and fragmented data are still common. Designed for effortless monitoring across logistics hubs, ports, industrial sites, airports, and large outdoor facilities, the device operates fully maintenance free thanks to its integrated solar panel and rugged IP69K housing. No external power or battery replacements are required.

With built-in motion and shock detection, Track-Solar Advanced E turns everyday equipment into connected assets with real time location tracking, event-based alerts, and complete operational transparency. In airport environments, the device enables real-time visibility and smarter resource allocation for ground support equipment such as baggage carts, dollies, stairs, power units, and belt loaders.

**The result:** smarter asset utilization, quicker response times, and better decision making for any industry that needs to track and optimize mobile assets without wired power.



## Key benefits



### Increased Productivity

Optimizing fleet usage and automated tracking of inventory allows for more precise scheduling and planning, increasing overall operational efficiency.



### Cost Savings

Identify inefficiencies and bottlenecks within the supply chain and reduce operational costs, such as fuel expenses, warehousing costs, and inventory carrying costs, cutting down fleet size by up to 12%.



### Supply Chain Visibility

Quickly adapt to changes in demand or supply conditions. This agility can be a competitive advantage, allowing for faster response to market changes or customer needs.



### Extended Longevity

The use of solar panels helps to cut down on waste such as frequent battery replacement and charging thanks to the longevity of the batteries.



### Maintenance-free

Devices are in operation for more than 10 years and complemented by trusted services which are guaranteed to perform throughout the entire expected lifespan.

# With IoTgo® Track-Solar Advanced E, you'll be able to:



Leverage self-sustaining tracking with a solar panel design for ground equipment



Reduce operational costs and optimize fleet efficiency



Autonomously track dollies and ground equipment with high precision GPS



Connect optional sensors for enhanced cargo insights

## Use Cases and Applications



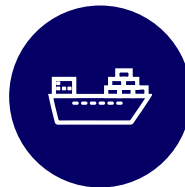
Airport



Rail



Road



Ocean



Construction

## Why Choose Our Solution?



### Asset tracking that lasts

- 10+ years of longevity of service guaranteed.
- Solar powered for long-term autonomous operation.
- Extreme high precise GPS tracking possible with positioning every 60 seconds.



### Tough enough for any conditions

- Robust and reliable tracking solution, proven in all weather and temperature conditions.
- Dust and water ingress protection – IP69k.



### Fits any type of tracking scenario

- Slim and compact design best suited for applications with limited width like dollies, push rods, and waste bins.
- Energy-efficient performance with long battery life.



### Detailed data for optimal fleet efficiency

- Inbuilt sensors and auto-start of GPS ensures you always know the location and condition of your assets.
- Detailed cargo monitoring can be incorporated through additional sensors.



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