



Solution Brief

G+D IoTgo[®] Track-Solar Advanced

IoT tracking built for the real world.

G+D IoTgo[®] Track-Solar Advanced serves as a comprehensive solution for monitoring non-powered assets across challenging environments and is suitable for a variety of intermodal containers including swap bodies, sea containers, and push barges. Equipped with a flat integrated solar panel, compact and rugged housing, and IP69K-rated protection, it ensures durable, maintenance-free performance without the need for an external power supply. The solar-powered device offers enhanced flexibility through the incorporation of both wired and wireless sensors, providing numerous mounting options and a range of configuration settings.

Featuring advanced motion and shock detection capabilities, as well as compatibility with optional wired sensors for monitoring specific parameters like door status or temperature, the Track-Solar Advanced is highly adaptable. Deployable on both land and water, it converts static assets into connected infrastructure, enabling smart tracking, real-time visibility, and event-driven data. The innovative tracker optimizes operational efficiency without the need for manual intervention or frequent maintenance.



Key benefits



Increased Productivity

Optimizing routes and automated tracking of inventory allows for more precise scheduling and planning, reducing delays and 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 untracked fleets by 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 G+D IoTgo® Track-Solar Advanced, you'll be able to:



Leverage self-sustaining tracking with a solar panel design for road applications



Reduce operational costs and optimize fleet efficiency



Autonomously track road swap bodies and intermodal containers maintenance-free



Connect sensors for additional telemetry information

Use Cases and Applications



Road



Rail



Ocean



Airport



Construction

Why Choose Our Solution?



Asset tracking that lasts

- 10+ years of longevity of service guaranteed
- Solar powered for long-term autonomous operation



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

- Thin & compact design best suited for road applications i.e. mounting on swap bodies and containers
- Environmentally-friendly leasing with 10+ years battery longevity and little maintenance



Detailed data for optimal fleet efficiency

- Inbuilt sensors and auto-start of GPS ensures you always know the location and condition of your assets
- Additional temperature sensor provides insight into inventory condition – ideal for sensitive shipments



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