

Reliable ISO Tank Visibility, Anywhere on Earth

Reducing Dwelling Times and Enhancing Visibility

In a world of global logistics and hazardous materials, ISO tanks play a vital role in the safe and efficient transport of chemicals, food-grade liquids, and industrial gases. However, these tanks spend weeks — sometimes months — in transit, often through regions with unreliable cellular coverage. Tracking their location and usage status isn't just about operational oversight but also about safety, compliance, and customer trust.

ISO tanks face long dwell times in ports, depots, or in-transit handoffs with limited visibility. For many fleet owners and leasing providers, that lack of visibility translates to operational inefficiency, delayed maintenance cycles, and difficulty proving compliance in regulated industries. Traditional tracking methods often require extensive infrastructure or fail in remote environments.

Delivering Actionable Data through Key Benefits

Globalstar's satellite-connected IoT tracking devices, such as SmartOne Solar, offer always-on visibility across the global supply chain. These intrinsically safe, solar-powered units easily mount to ISO tanks and integrate seamlessly into asset management platforms. Our solution provides:

- ✓ **Daily location tracking**, ensuring fleet-wide visibility even in cellular dead zones.
- ✓ **Geofence alerts and dwell time reports**, identifying tanks that have overstayed at depots or ports.
- ✓ **Utilization insights**, such as days in use vs idle, supporting smarter planning and resource allocation.
- ✓ **Inspection cycle support**, helping fleet operators maintain safety compliance by triggering alerts when maintenance is due.

By enabling full-cycle visibility, our solution helps reduce asset downtime, avoid demurrage penalties, and improve forecasting. Fleet owners can now confidently know where every tank is, how long it has been there, and what actions are needed to keep it operational and compliant. The result is a leaner, safer, more accountable operation.

Real-World Impact

A leading ISO tank service provider specializing in the global movement of hazardous and food-grade materials uses our satellite-connected devices to track its fleet across continents. With automated dwell reports, location-based inspection triggers, and real-time status feeds into their asset platform, they have the opportunity to significantly reduce idle time.

Whether traveling overland, offshore, or through remote industrial zones, Globalstar's ISO tank tracking solution delivers uninterrupted visibility. It's simple to deploy, scalable to thousands of units, and proven in the harshest environments.

Asset Tracking Solutions

Low power, long life and equipped to perform



SmartOne Solar

SmartOne Solar is the only solar-powered asset certified and standardized for use in hazardous environments. It's virtually maintenance-free, with up to 10 years of usable service for tracking and monitoring. It's easy to install and features a wide range of reporting capabilities.



SmartOne C

SmartOne C is the market's most affordable and feature-rich tracker for locating fixed and mobile assets and transmitting sensor data. Line or battery-powered, it is a small, easy-to-mount unit that is ideal for sending GPS coordinates at long intervals and configurable for various frequency rates.



SPOT Trace

SPOT Trace is a small, discrete tracker that tracks mobile assets by providing location pings as often as every 2.5 minutes for display on a customizable user dashboard. This easy-to-use turnkey device offers simplified tracking at the lowest cost.

Realm Edge Solutions

Devices and Modules



Integrity 150

Integrity 150 is a next-generation, solar-powered data transmitter and asset tracker that interfaces with industry-standard sensors over Bluetooth® and delivers Smart Data from the edge. Users can quickly program AI-enabled applications and computing solutions using the Edge Application Platform to process location and sensor data at the edge for low-cost Smart Data transmission. In addition, it delivers zero-maintenance ownership with the longest-lasting battery (10+ years) and shelf life available.



The Simple Choice for Satellite Connectivity

Globalstar empowers its customers to connect, transmit, and communicate smarter – easily, quickly, securely, and affordably – offering reliable satellite and terrestrial connectivity services as an international telecom infrastructure provider. The Company's low Earth orbit (LEO) satellite constellation ensures secure data transmission for connecting and protecting assets, transmitting critical operational data, and saving lives for consumers, businesses, and government agencies across the globe. Globalstar's terrestrial spectrum, Band 53, and its 5G variant, n53, offer carriers, cable companies, and system integrators a versatile, fully licensed channel for private networks with a growing ecosystem to improve customer wireless connectivity, while Globalstar's XCOM RAN product offers significant capacity gains in dense wireless deployments. In addition to SPOT GPS messengers, Globalstar offers next-generation IoT hardware and software products for efficiently tracking and monitoring assets, processing smart data at the edge, and managing analytics with cloud-based telematics solutions to drive safety, productivity, and profitability.

For more information, visit www.globalstar.com.